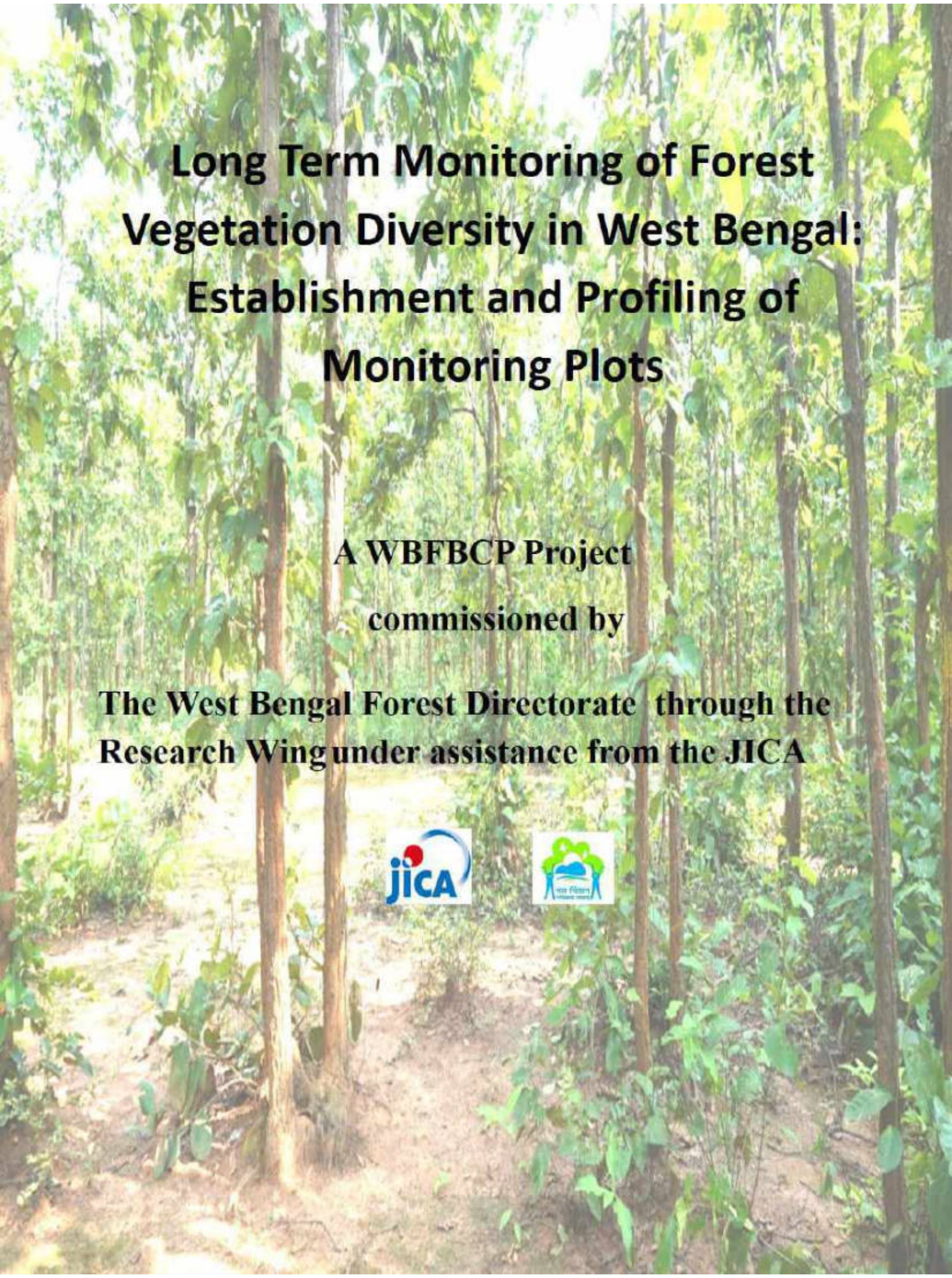

Long Term Monitoring of Forest Vegetation Diversity in West Bengal: Establishment and Profiling of Monitoring Plots

A WBFBCP Project

commissioned by

The West Bengal Forest Directorate through the Research Wing under assistance from the JICA

Original Title:

"Floristic Survey on the sampled forest areas of South-West & North Bengal Plains with its associated avian fauna to assess periodically the changes in the botanical composition and population structure of the forest vegetation of the State"

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PREFACE:

The Final Report presented here pertains to the agreement between The Principal Chief Conservator of Forests, Research, Monitoring and Development, WB on behalf of the West Bengal Forest & Biodiversity Conservation Society and Nature Environment & Wildlife Society, Kolkata with reference to the Biodiversity Research Project on the previous title ***"Floristic Survey on the sampled forest areas of South-West & North Bengal Plains with its associated avian fauna to assess periodically the changes in the botanical composition and population structure of the forest vegetation of the State"*** against NIT No. - WBFOR/SILVI SOUTH /NIT 27 (e)/2019-20 (1ST CALL) and minutes of the meeting No.337/13-45 dated the 16.09.2020 with the new title "***Long Term Monitoring of Forest Vegetation Diversity in West Bengal: Establishment and Profiling of Monitoring Plots***" vide letter no 1476/WBFBCP/18-1/19 dated 04.08.21 and letter no: nil from PCCF, RMD dated 16.08.2021.

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ABBREVIATIONS

A	Abundance	GBH	Girth at Breast Height	NRVK	North Raja Vat Khawa
AVG	Average	GPS	Global positioning System	NT	Near Threatened
BTR	Buxa Tiger Reserve	H	Shannon's Index	RA	Relative Abundance
cm	Centimeter	IAS	Invasive Alien Species	RD	Relative Density
CR	Critically Endangered	IUCN	International Union for Conservation of Nature	RF	Relative frequency
D/ha	Density/Hectare	IVI	Importance Value Index	SP/Sp	Subplot
DD	Data Deficient	inch	Inches	SDI	Simpson's Diversity Index
EN	Endangered	LC	Least Concern	TR	Tiger Reserve
F	Frequency	m	Meter	VU	Vulnerable
ft	Feet	NE	Not Evaluated	WL	Wildlife

GLOSSARY OF TERMS (BIODIVERSITY INDICES)

Density: Number of individuals of a given species that occurs within sampling unit or study area.

Relative Density: Numerical strength of a species in respect to the individual of all the species in a community.

Frequency: It indicates the probability of finding a species in a series of quadrats examined in a particular area.

Relative Frequency: Proportion of the total number of observations associated with each species in a community.

Abundance: Number of individuals per species in the studied quadrats or sapling units.

Relative Abundance: It refers to the evenness of distribution of the individuals among species in a community. In other words, it refers to the percent composition of an organism of a particular kind relative to the total number of organisms in a certain area.

Simpson's Diversity Index (SDI): It measures community diversity. Simpson's Diversity Index is a measure of diversity which takes into account both richness and evenness. In ecology, species richness refers to number of species and species evenness refers to homogeneity of the species. It also measures the probability that two individuals randomly selected from a sample will belong to the same species. Simpson's Diversity Index ranges from 0 to 1, where high scores (close to 1) indicate high diversity and low scores (close to 0) indicate low diversity. For example in a community the SDI is 0.90. It indicates the high species diversity of the community and there is 90% chance that two individuals randomly selected are of same species.

Shannon Diversity Index (H): It is also commonly used to characterize species diversity in a community. Shannon's index accounts for both abundance and evenness of the species present. If 'H' values less than 1.5, the diversity (both abundance and evenness) is low. Moderate diversity indicated by >1.5<2.5. More than 2.5 value of 'H' indicates high species diversity.

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Executive Summary

The project aimed to improve the understanding on the population structure of various tree, shrub and herb species in a forest ecosystem. Such a study was important in the wake of newer threat i.e. climate change.

It has been observed that some of the indigenous forest plant and bird species show gradual decline in population, both in southern and northern parts of West Bengal due to possible climate change, anthropogenic activities and other factors like pressure caused by invasive alien species, diseases etc. However, due to absence of any scientific study, it was difficult to address this issue or to quantify and enlist those declining species, though it was obvious that some level of degradation and population decline had already taken place. Hence, there was a necessity to undertake a floristic and avian survey in representative forest areas of West Bengal.

Therefore, the Research Project *"Long Term Monitoring of Forest Vegetation Diversity in West Bengal: Establishment and Profiling of Monitoring Plots "*originally titled, *"A Floristic and Associated Avian Survey of the Forest areas of South West and North Bengal to monitor changes in the population structure to initiate suitable conservation measures"* was commissioned to Nature Environment & Wildlife Society (NEWS) to carry out the field work and submit a report. This research report will form the benchmark study for long term monitoring in identified permanent plots in selected Conservation Area/Reserve Area forests of Lateritic South Bengal and North Bengal Plains. The areas were selected in such a way as to have natural stands of miscellaneous tree vegetation.

Hence, **14 permanent monitoring plots in Lateritic South West Bengal and 10 permanent monitoring plots in North Bengal Plains,** each measuring ten-hectare (1000m x 100m) size were 'virtually' demarcated with GPS, which were identified by the respective Division of the Forest Department of West Bengal. All trees were documented both quantitatively and qualitatively in randomly chosen five subplots of size one-hectare (100m×100m) quadrats in each of the permanent plot of ten-hectare (1000m×100m) size. Similarly, all shrub and herb species were also documented both qualitatively and quantitatively by way of adopting nested plots of size 50m x 50m for shrubs and 10m x 10m for herbs within the randomly chosen five subplots of size one-hectare (100m×100m) quadrats.

A comprehensive inventory of all tree, shrub and herb species both quantitatively and qualitatively with relevant statistical analysis along with the associated bird species (opportunistic documentation) has been prepared with the relevant Tables and Pie diagrams and relevant findings as a benchmark data for not only long-term monitoring, but also to help identify the changes if any due climate change in the future.

Findings in Lateritic South Bengal

Trees

A total of 57,315 individual trees belonging to 76 species under 31 families were recorded from the 14 study sites. Only two species of trees, *Shorea robusta* and *Madhuca latifolia* were found in all the 14 locations. These two species accounted for nearly 2/3rd of all trees documented in South West Bengal. *Shorea robusta* was the dominant species in almost all the locations except Arabari. *Semecarpas anacardium* frequency was the closest in that it occurred in 13 of the 14 locations but recorded only 976 individuals. As per the IUCN Red List, *Cleistanthus collinus* and *Dalbargia latifolia* were 'Vulnerable' while *Aegle marmelos* and *Pterocarpus marsupium* were under the 'Near Threatened category'. 24 species were under Least Concern, Data Deficient (01 sp) and 47 species were categorized as Not Evaluated.

Shrubs

A total of 19,008 individual shrubs under 38 species belonging to 17 families were recorded from all 14 locations. The most dominating family among the shrubs was Fabaceae represented by 11 species, followed by Malvaceae (6 spp), Rhamnaceae and Rubiaceae (3 spp each). *Cleistanthus collinus* (tree sapling) was noted to be Vulnerable as per IUCN Red List. Other categories of threats included Least Concern (12spp) while 25 species were categorized as Not Evaluated.

Lianas

A total of 7,882 individual lianas (woody climbers) belonging to 17 species under 11 families were recorded. The most dominating families were Fabaceae, Dioscoreaceae and Menispermaceae represented by 3 species each. Rest of the 8 families was represented by only a single species each. Only one species was categorized as Least Concern while the remaining 16 species were categorized as Not Evaluated as per the IUCN Red List.

Herbs

A total of 18,520 individual herbs belonging to 62 species under 27 families were recorded from all South West Bengal study sites. The most dominating family was Asteraceae represented by 12 species, followed by Acanthaceae (6 spp). The other families were represented by 2-4 species each. *Hybanthus enneaspermus* was noted to be Vulnerable (VU) while other categories included Least Concern (8spp) and 52 species as Not Evaluated according to the IUCN Red List.

Scramblers, creepers and twiners

A total of 4,910 individual scramblers, creepers and twiners belonging to 14 species under 11 families were recorded from all South West Bengal study sites. The most dominating family Fabaceae was represented by 4 species. All the other families were represented by single species. Three species were in the Least Concern category and 11 species in Not Evaluated as per the IUCN Red List.

Birds

A total of 63 bird species were documented from all the 14 study sites and adjacent areas in Lateritic South Bengal during this study. The Black hooded Oriole was the most common bird occurring at all the plots. This was followed by the Jungle Babbler sighted at 11 plots and the Common Tailor Bird documented at 9 plots. Of the total 63 species of birds recorded from South Bengal, the highest number of species were documented from Tirat-Asansole (23), followed by Arabari (19) and Matha (16). Among the 63 bird species only the Alexandrine Parakeet is listed in IUCN as Near Threatened (NT) and the Cinereous Tit and the Indian Jungle Crow are listed as Not Evaluated (NE) while the remaining 60 species are listed as Least Concern (LC).

Findings in North Bengal Plains

Trees

A total of 11,802 individual trees belonging to 140 species (one unidentified) under 45 families were recorded from North Bengal Plain study sites. The most dominating family Fabaceae represented by 12 species, followed by Lauraceae and Moraceae (11 spp each), Meliaceae and Rubiaceae (8 spp each), etc. *Acer oblongum* and *Dipterocarpus retusus* were categorized as Critically Endangered (CR) and Endangered (EN) respectively as per the IUCN Red List. Other categories of threats included Vulnerable (01 spp), Least Concern (65 spp), Data Deficient (01 spp) and 70 species as Not Evaluated. One Species was unidentified so it cannot be categorized.

Shrubs

A total of 54,646 individual shrubs belonging to 53 species under 30 families were recorded from all the 10 study sites. The most dominating family was Rubiaceae represented by 5 species, followed by Acanthaceae, Fabaceae and Lamiaceae (4 spp each). 34 shrub species were categorised as Not Evaluated and 18 were Least Concern of the IUCN Red List.

Lianas

A total of 2,831 individual Lianas (woody climbers) belonging to 14 species under 8 families were recorded from all the study sites of North Bengal Plains. The most dominating family was Apocynaceae represented by 3 species. 4 families were represented by 2 species each, while the remaining 3 families were represented by a single species. *Cayratia pedata* was noted to be Vulnerable (VU) in IUCN Red List. Other categories of threats include Least Concern (2 spp) and 11 species of lianas were categorized as Not Evaluated.

Herbs

A total of 40,243 individual herbs belonging to 103 species under 51 families were recorded from all the 10 locations. The most dominating family was Poaceae represented by 13 species, followed by Zinziberaceae (7 spp). Rest of the families was represented by 2-4 species each. All the species were categorised under three threat categories of IUCN, viz. Not Evaluated (79), Least Concern (23) and Data Deficient (01).

Scramblers, creepers and twiners

A total of 15,248 individual scramblers, creepers and twiners belonging to 18 species under 11 families were recorded from all the study sites of North Bengal Plains. The most dominating family was Piperaceae represented by 4 species, followed by Vitaceae and Dioscoreaceae with 3 species each. Rest of the families were represented by a single species. All the species belonged to the same IUCN category i.e. Not Evaluated (NE).

Birds

A total of 98 bird species were documented from all the 10 study sites and adjacent areas. The Black hooded Oriole and Black Crested Bulbul were the most common bird occurring at all the plots. This was followed by the Lineated Barbet sighted at 9 plots and the Common Hill Mayna and Red Breasted Parakeet jointly documented at 8 plots. Of the total 98 species of birds recorded from North Bengal Plains the highest number of species were documented from Adma (32), followed by Cheko and Sealdoba (30 each). Among the 98 bird species the White Rumped Vulture is listed in IUCN as Critically Endangered (CR). Other than this, Red Breasted Parakeet and Alexandrine Parakeet are listed as Near Threatened (NT). The Great Indian Hornbill, Lesser Adjutant Stork and the River Lapwing are listed as Vulnerable (VU) while the remaining 92 species are listed as Least Concern (LC).

A. GENERAL INTRODUCTION

The Research Project *"Long Term Monitoring of Forest Vegetation Diversity in West Bengal: Establishment and Profiling of Monitoring Plots"* originally titled *"A Floristic and Associated Avian Survey of the Forest areas of South West and North Bengal Plains to monitor changes in the population structure to initiate suitable conservation measures"* was coordinated by the Research Monitoring & Development Wing of the Forest Directorate through the Conservator of Forests, Research Circle. The financial assistance was provided by the Japan International Cooperation Agency (JICA) through the West Bengal Forest and Biodiversity Conservation Project (WBFBCP).

Attributes of West Bengal

The geographical positioning of West Bengal is distinctive as it is the only state within the Indian region, which extends from the Himalayas in the North to the Bay of Bengal in the south, and has many perennial rivers flowing through the state. Therefore, it enjoys an alpine as well as a sub-tropical climate.

Located in the eastern part of India, the State of West Bengal, occupies a geographical area of 88,752 sq. km, (2.70% of the area of the country). The State lies between 21°29'N to 27°13'N latitude and 85°50'E to 89°52' E longitude. It shares the international borders with Bangladesh in the east, Nepal in the northwest and Bhutan in the northeast. With the rest of India, the State is bordered by Sikkim in the north, Assam in the east, Bihar & Jharkhand in the west and Odisha and the Bay of Bengal in the south. The North Himalayan and the south Alluvial Gangetic Plains are the two natural divisions of the State.

The state has a recorded forest land of 16,902 sq. km., of which 3,018.52 sq km under Very Dense Forest (VDF), 4,160.26 sq km under Moderately Dense Forest (MDF) and 9,722.73 sq km under Open Forest (OF), thus constituting 19.04% of the geographical area of the state. The forests of West Bengal are classified into seven categories viz., Tropical Semi-Evergreen Forest, Tropical Moist Deciduous Forest, Tropical Dry Deciduous Forest, Littoral and Swampy Forest, Sub-Tropical Hill Forest, Eastern Himalayan Wet Temperate Forest and Alpine Forest (Champion and Seth, 1968; Singh and Singh, 1987). Forest Cover in the State has increased by 54.51 sq km as compared to the previous assessment reported in ISFR 2017, but the quality of forest is continuously decreasing.

Forests and Biodiversity

Forests are among the most important repositories of terrestrial biological diversity which indicates the resilience of forest ecosystems to various pressures. Changes in climate affect the distribution of plant species and result in changes in forest composition. Changes in species composition may therefore affect several ecosystem properties. There is a strong connection between vegetation of an area and its avifauna. The indigenous species play a vital role in the ecosystem because they have evolved to be in this specific ecosystem and have a well-established role in the food web and the recycling of materials. Reduction in populations of even common indigenous species reduces overall genetic diversity of ecosystems and the ability of ecosystems and functional landscapes to adapt to future change.

Forest biological diversity results from evolutionary processes over thousands and even millions of years which, in themselves, are driven by ecological forces such as climate, fire, competition and disturbance. Furthermore, the diversity of forest ecosystems (in both physical and biological features) results in high levels of adaptation, a feature of forest ecosystems which is an integral component of their biological diversity. Within specific forest ecosystems, the maintenance of ecological processes is dependent upon the maintenance of their biological diversity. For the survival of the mankind, socio-economic wellbeing, functional and stabilize environment, forest ecosystems are essential (Singh, 2002; Gardner *et al*., 2009). The resilience of a forest ecosystem to climate change is determined by the diversity of species.

Vegetation analysis of any forest population is an interesting way to get a glimpse of the forest structure, its health and to plan for future conservation strategies. Plant diversity inventories in tropical forests have mostly been concentrated on tree species than other lifeforms, because tree species

diversity is an important aspect of forest ecosystem diversity and also fundamental to total tropical forest biodiversity (Rennols and Laumonier, 2000).

Assessment of local biodiversity incorporates two related issues. The first concerns the intrinsic diversity of an area i.e. the area with higher diversity may be deemed more important than the one with lower diversity. The second concern is the assessment of the contribution of any given area to the overall diversity of a larger geographic region such as district, state, country, continent or ultimately, the world overall. From this perspective some areas with lower intrinsic diversity may be more important than others with high diversity. Tropical plant diversity assessment is a tool for the quantitative studies of regional scale biogeographical patterns (Gordon and Newton, 2006).

Forests can be usefully conceived as complex, self-organizing systems with multiple natural processes that respond autonomously to internal and external drivers. For example, as available water becomes limiting, the height and density of the tree canopies is reduced because of basic ecophysiological relationships governing environmental controls on plant growth (Berry and Roderick, 2002).

Forests and their Ecosystem goods and services

Forests are a major component of the Earth's vegetation cover. Forests harbour an estimated two thirds of all terrestrial species, and a fascinating array of ecological processes. The ecological stability, resistance, resilience, and adaptive capacities of forests depend strongly on their biodiversity. Being one of the most vulnerable resources and gifts of the nature, forests play a significant role in the overall natural environment of our planet earth, though scarce but renewable. Forests not only act as carbon sink, support the livelihoods by providing food, shelter, clothing, wood, timber and medicines etc., but are also the store-house of energy as well as scarce resources such as water. They also act as a habitat for pollinators. Forests are also helpful in preventing floods, droughts and deserts.

If forest ecosystems are pushed past an ecological 'tipping point', they could be transformed into a different forest type, and, in extreme cases, a new non-forest ecosystem state (e.g. from forest to savannah). In most cases, the new ecosystem state would be poorer in terms of both biological diversity and delivering ecosystem goods and services (Thompson *et al*., 2009).

Tropical dry forests thrive in regions characterized by a prolonged period of drought, rainy and humid conditions with annual precipitation of 400-1700 mm. The tropical forests are referred to as one of the species-rich terrestrial ecosystems and are known to generate a wide variety of natural resource for sustainable livelihood of local communities as well as provide habitat to some of the endangered species of the world.

Forest vegetation and Climate Change

Science has indicated that climate change is likely to have adverse impacts on most of the economic sectors in India that are driven by climate such as Water resources, Agriculture and allied services, Biodiversity and Forests.

The distribution of tree species is highly dependent on climate. Changes in climate affect the distribution of plant species and result in changes in forest composition. Tree species differ in the way they interact with their environment (water and nutrient cycling, competition, etc.). Changes in species composition may therefore affect several ecosystem properties. Such shifts in species' phenologies can affect ecosystem processes and functioning.

Hence, terrestrial ecosystems play an important role in the climate change processes as these ecosystems are significantly vulnerable from the consequences of climate change. Among those terrestrial ecosystems, forest landscapes constitute the major part that is both influencing the climate change and being influenced by the consequences of climate change.

The rapid change in climate, poses a massive threat to the floral diversity by affecting its phenology. If forest ecosystems are pushed beyond its capacity, they could be transformed into a different forest type by changing in tree composition, movement to suitable environmental conditions, or local extirpation.

If climate change results in a significant reduction in water availability, then the forest system will naturally change species composition. For example, the vegetation will reach a threshold beyond which the vegetation structure is not sufficiently tall and dense to comprise a forest, along with the concomitant changes in the dominant taxonomic composition of the plant community (Stephenson, 1990). Under severe drying conditions, forests may be replaced by savannahs or grasslands (or even desert), while under increased temperature, open forests can be replaced by closed boreal forests (Price and Scott, 2006; Kellomaki *et al*., 2008).

The greatest overall warming is forecasted for the higher latitudes, especially during the winter months (Meehl *et al*., 2007). One approach involves building models that attempt to capture the mechanistic link between a species' distribution and the environment.

The positive aspects of climate change will be in terms of enhanced sequestration of CO2, as slow growing broad-leaved vegetation, has high sequestration potential. The sequestration levels will increase with increase in forest area under this vegetation type.

Monitoring and Evaluation of climate change initiatives will play a key role in measuring the success of the strategies to adapt to climate change, undertaken by the state, which will be over and above the measures implemented to achieve its developmental targets. Monitoring and Evaluation of adaptation strategies at regular intervals will offer opportunities for course correction in case any criteria indicate mal adaptation. However, it is important to set the criteria in such a way so that it is able to distinguish climate change adaptation from adaptation due to developmental activities and autonomous adaptation as a response to climate variability.

Climate change related effects are more subtle and gradual and difficult to discern quickly. Such study would help us to devise strategies to stem the decline through artificial regeneration techniques, introducing these RETs in the plantation programme, protection through Joint Forest Management programme, institutional capacity development etc. thereby contributing to environmental conservation.

Forests and Avian diversity

The net primary productivity of the forests is also likely to change. Even if there is no drastic shift in the biome type, changes in the composition of the assemblages are very likely. Further, as temperatures increase, spring and summer events will advance in time leading to early leafing, fruiting, bird egg laying, spawning of amphibians, arrival of migrant birds and insect emergence etc. As survival of the vegetation is also linked with the changes in timings of functions of the biota with temperature, a few species may show a steep decline in population and perhaps may move to higher altitudes or become extinct.

Rapid changes in a forest ecosystem also affect the avian diversity. The floral diversity of a forest plays a significant role in the avian diversity formation and its conservation. Birds thus offer the opportunity to undertake first global assessments (Jetz *et al*., 2007). Climate change is affecting birds' behaviour, distribution and population dynamics, and is implicated in complete breeding failure in some populations. But it also means that geographic and taxonomic relevance and generality of inferences to date are strongly limited.

It was seen that the breeding system of some particular bird species highly dependent on the vegetation composition. Populations of many songbirds are strongly influenced by local forest structure, which affects micro-habitat and food chain and nesting sites. Therefore, the presence or absence of certain bird species can reflect forest conditions (Campbell and Liegel, 1996).

Long term Monitoring

Long-term monitoring of tree population dynamics and quantitative data generation are essential for forest conservation and management (Lwanga *et al*., 2000). However, the forests of both South Bengal and North Bengal Plains have very few evidences (Chakrabarti *et al*., 2002; Sarkar, 2014) on forest dynamics monitoring. A mechanism for periodic monitoring of the forest status would be incredibly crucial to understand the dynamics of the forest vegetation.

Knowledge of species composition and diversity are of utmost importance, not only to understand the structure of a forest community but also for planning and implementation of conservation strategy of the community.

Documentation, conservation and finding enhancement strategies of biodiversity is considered to be one of the important challenges in present day conservation biology research and policy making process. Documentation and impacts on genetic tree diversity are quite difficult as quantitative information is lacking (Ledig, 1992). So, the inventory of tree species is a vital aspect for the conservation of forest as they are the essential structural components of the forest (Aye *et al*., 2014).

Quantitative analysis on tree species diversity provides the floristic status and distribution pattern which may help in biodiversity conservation. Quantitative data are often obtained through biodiversity inventories that are used to determine the nature and distribution of biotic resources of the area to be managed (Rennolls and Laumonier, 2000). Quantification of tree species distribution and abundance is an important aspect as they contribute to the structural characteristics of the forest and provides resources and habitat for many species (Huang et al., 2003). Tree species diversity varies significantly from location to location because of variations in biogeography, habitat and disturbance (Majumdar *et. al*., 2012).

It is a prerequisite for the foresters to understand the structural attributes of the forest for better silvicultural and management practices. In forest management, regeneration study not only reflects the current status but also gives an idea about the possible changes in forest composition in the future (Mishra *et al*. 2013, Sharma *et al*. 2014, Hanief *et al*. 2016, Malik and Bhatt, 2016).

Purpose of the present study

Analysis of existing floral composition and their trend of affinity in an unhindered forest area provide us the information of its richness, threats (if any), sequestration rate, risk of invasive species, species in climax etc. In this context every forest population deserves the study of its phytosociology and considering this importance, the vegetation of South Bengal and North Bengal Plains were identified for analysis for long term monitoring in identified permanent plots in selected Conservation Area/Reserve Forests of West Bengal.

With increase in precipitation, a shift in vegetation type towards the wetter, more evergreen type is expected. Since these are rather slow growing, the replacement will take much longer, and increased mortality in the existing vegetation may lead to a decrease in the standing stock except in the Western part of the state near Purulia and Birbhum where the vegetation type may become xeric. This in turn very likely will impact other taxa dependent on the different species (i.e. domino effect) because of the interdependent nature of the plant-animal-microbe communities that are known to exist in the forest's ecosystems. This could lead to major changes in the forest biodiversity. The nature, extent and type of infestation of pests and diseases are very likely to change as temperature and humidity rise.

The areas were selected in such a way as to have natural stands of miscellaneous tree vegetation. It is well known fact that lianas and miscellaneous trees vanishes first in the case of biotic disturbances of climate change related impacts. Vegetation tends to shift to uphill due to climate change related effects. Hence analysis will also be done on the relative abundance of new recruits of the species in the sample plots vis-a-vis the previous records.

The project aimed to improve the understanding on the population structure of various tree species in the forest ecosystem. Such a study is important in the wake of newer threat i.e. climate change. Forests have always been subjected to various anthropogenic pressures such as grazing, illicit felling of trees for wood (to meet up the timber demand of the society), firewood, introduction of exotics etc. which together affects the regeneration of the species. It has been observed that some of the indigenous forest plant and bird species show gradual decline in population, both in southern and northern parts of West Bengal due to possible climate change, anthropogenic activities and other factors like pressure caused by invasive alien species, diseases etc. However, due to absence of any scientific study, it is difficult to

address this issue or to quantify and enlist those declining species, though it is obvious that some level of degradation and population decline had already taken place. Hence, there was a necessity to undertake a floristic and avian survey in representative forest areas.

The study therefore prepared an inventory of trees, shrubs and herbaceous vegetation and associated bird species in the established **'permanent monitoring plots'** of South West Bengal, North Bengal Plains for long term monitoring.

Therefore, **14 permanent monitoring plots** in South West Bengal and **10 permanent monitoring plots** in North Bengal Plains, each measuring ten-hectare (1000m x 100m) size were 'virtually' demarcated with GPS, which were identified by the respective Division of the Forest Department of West Bengal.

This Report documents all the data collected on trees from the five randomly selected subplots of 1 ha (100m×100m) and from the nested plots of 50m x 50m for shrubs and 10m x10m for herbs in each of five randomly selected subplots of 1 ha (100m×100m), all from each of the permanently marked monitoring plots of 10ha (1000m×100m).

However, due to the Covid-19 pandemic which led to a total shutdown of India including the State of West Bengal from March 2020 till August 2020 the project was brought down to a study period of only six months as all the field work had to be completed on or before the 31st of March, 2021. Moreover, due to time constraint only South West Bengal and North Bengal Plains (excluding North Bengal Hills) was sanctioned to be taken up with a nearly one-third reduction in the funds.

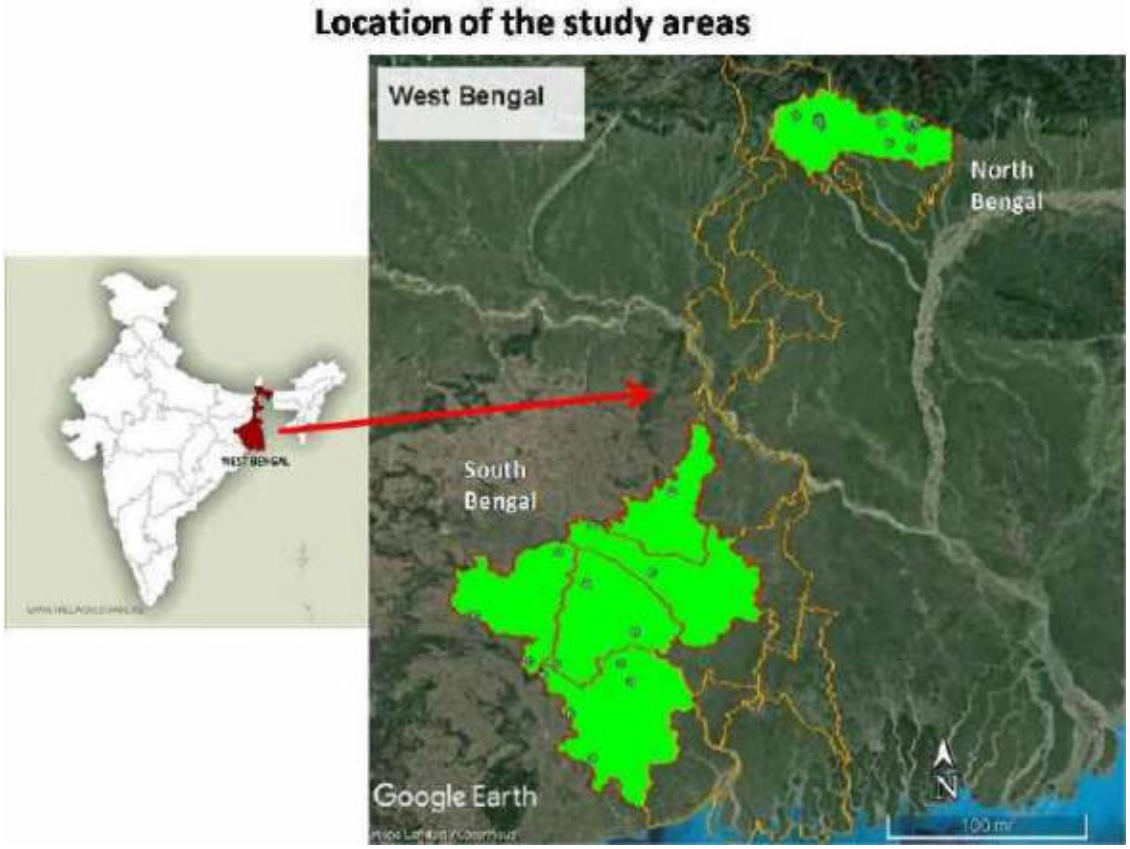


Figure 1: Study Area

Sl. No.	Name	Districts	Division	Range/Beat	GPS coordinates				Area
					A Point	B Point	C Point	D Point	
1	Gidhni	Jhargram	Jhargram	Gidhni/ Kanaisole	22°26'8.50"N 86°51'25.65"E	22°26'7.48"N 86°51'28.58"E	22°26'38.43"N 86°51'40.03"E	22°26'39.53"N 86°51'36.66"E	10 ha
2	Arabari	Paschim Medinipur	Medinipur	Arabari/ Arabari	22°41'18.47"N 87°20'40.56"E	22°41'17.59"N 87°20'44.77"E	22°41'51.13"N 87°20'42.79"E	22°41'50.95"N 87°20'39.30"E	10 ha
3	Kankrajhore	Jhargram	Jhargram	Bhulaveda/ Kankrajhore	22°43'10.06"N 86°37'36.26"E	22°43'6.90"N 86°37'37.33"E	22°43'15.73"N 86°38'11.31"E	22°43'18.90"N 86°38'10.68"E	10 ha
4	Bundwan	Purulia	Kansavati (S)	Bundwan-1/ Bundwan	22°48'46.51"N 86°31'14.66"E	22°48'43.23"N 86°31'15.10"E	22°48'45.09"N 86°31'50.02"E	22°48'48.34"N 86°31'49.69"E	10 ha
5	Sutan	Bankura	Bankura (S)	Jhilimili/ Muchikata	22°47'47.59"N 86°44'24.32"E	22°47'46.33"N 86°44'27.53"E	22°48'19.33"N 86°44'32.21"E	22°48'18.04"N 86°44'35.59"E	10 ha
6	Md. bazaar	Birbhum	Birbhum	Md Bazar/ Mollarpur	24° 4'12.00"N 87°39'57.10"E	24° 4'14.95"N 87°39'58.18"E	24° 4'24.11"N 87°39'24.05"E	24° 4'21.02"N 87°39'22.79"E	10 ha
7	Kanksa	Purba Bardhaman	Burdwan	Panagarh/ Sonai	23°28'45.06"N 87°30'27.83"E	23°28'44.09"N 87°30'31.46"E	23°29'16.13"N 87°30'36.61"E	23°29'17.11"N 87°30'32.87"E	10 ha
8	Tirat-Asansole	Paschim Bardhaman	Durgapur	Asansole/ Sarishatali	23°49'1.82"N 87° 1'1.85"E	23°49'3.04"N 87° 1'5.23"E	23°49'33.42"N 87° 0'52.70"E	23°49'32.30"N 87° 0'49.36"E	10 ha
9	Garh Panchkot	Purulia	Kansavati (N)	Raghunathpur/ Neturia	23°36'55.43"N 86°44'42.56"E	23°36'58.28"N 86°44'44.29"E	23°36'49.01"N 86°45'18.58"E	23°36'46.23"N 86°45'16.78"E	10 ha
10	Chandabila-Topoban	Paschim Medinipur	Kharagpur	Chandabila/ Chandabila	22° 7'5.67"N 87° 2'17.99"E	22° 7'8.26"N 87° 2'20.18"E	22° 6'47.64"N 87° 2'47.11"E	22° 6'45.06"N 87° 2'45.06"E	10 ha
11	Susunia	Bankura	Bankura (N)	Chhatna/ Susunia	23°23'21.61"N 86°58'43.72"E	23°23'23.97"N 86°58'46.09"E	23°23'3.89"N 86°59'13.70"E	23°23'1.52"N 86°59'11.36"E	10 ha
12	Panchet	Bankura	Panchet (Bishnupur)	Bishnupur/ Basudevpur	23° 2'46.91"N 87°23'0.76"E	23° 2'50.08"N 87°23'1.50"E	23° 2'54.20"N 87°22'26.69"E	23° 2'51.08"N 87°22'25.90"E	10 ha
13	Hoomgarh	Paschim Medinipur	Rupnarayan	Hoomgarh/ Hoomgarh	22°49'9.79"N 87°16'5.81"E	22°49'10.47"N 87°16'2.28"E	22°48'38.02"N 87°16'3.29"E	22°48'37.23"N 87°16'6.67"E	10 ha
14	Matha	Purulia	Purulia	Matha/ Matha P F	23° 7'34.48"N 86° 3'58.46"E	23° 7'28.43"N 86° 3'56.09"E	23° 7'30.54"N 86° 3'38.66"E	23° 7'36.67"N 86° 3'41.04"E	10 ha
15	Sealdoba-Gazoldoba	Jalpaiguri	Baikunthapur	Targhera/ Gazoldoba	26°48'15.77"N 88°36'43.94"E	26°48'15.82"N 88°36'47.77"E	26°47'43.02"N 88°36'46.22"E	26°47'43.27"N 88°36'42.98"E	10 ha
16	NRVK	Alipurduar	Buxa TR (East)	Jayanti/ Phaskhawa	26°41'47.96"N 89°34'49.44"E	26°41'54.47"N 89°34'48.94"E	26°41'53.74"N 89°35'8.23"E	26°41'47.16"N 89°35'7.98"E	10 ha
17	Cheko	Alipurduar	Buxa TR (West)	East Damanpur/ Cheko	26°33'46.56"N 89°33'13.39"E	26°33'52.98"N 89°33'13.21"E	26°33'52.64"N 89°33'31.61"E	26°33'46.17"N 89°33'31.93"E	10 ha
18	Barahati	Jalpaiguri	Gorumara (WL-II)	Gorumara South/ Budhram	26°43'41.58"N 88°49'38.24"E	26°43'44.94"N 88°49'38.21"E	26°43'47.33"N 88°49'2.08"E	26°43'44.19"N 88°49'2.33"E	10 ha
19	Sursuti	Jalpaiguri	Jalpaiguri	Lataguri/ Borodighi	26°46'5.51"N 88°47'37.57"E	26°46'5.98"N 88°47'33.86"E	26°45'38.24"N 88°47'14.80"E	26°45'37.84"N 88°47'18.40"E	10 ha
20	South Indong	Jalpaiguri	Gorumara (WL-II)	Gorumara South/ Gorumara	26°47'20.07"N 88°48'3.20"E	26°47'19.96"N 88°48'6.95"E	26°46'47.70"N 88°48'1.91"E	26°46'47.49"N 88°48'5.51"E	10 ha
21	Adma	Alipurduar	Buxa TR (West)	Pana/ Adma	26°46'54.20"N 89°29'32.96"E	26°46'54.88"N 89°29'26.93"E	26°46'35.08"N 89°29'28.18"E	26°46'36.52"N 89°29'34.66"E	10 ha
22	Santalabari	Alipurduar	Buxa TR (East)	Buxa Duar/ Santalabari	26°44'1.31"N 89°34'33.83"E	26°43'57.80"N 89°34'41.74"E	26°43'44.04"N 89°34'37.43"E	26°43'47.17"N 89°34'30.29"E	10 ha
23	Mendabari	Alipurduar	Jaldapara (WL-III)	Chilapata/ Bania	26°36'0.67"N 89°22'41.12"E	26°36'0.86"N 89°22'31.84"E	26°35'48.12"N 89°22'32.03"E	26°35'49.60"N 89°22'42.91"E	10 ha
24	Titi	Alipurduar	Jaldapara (WL-III)	Lankapara/ Hollapara	26°45'16.67"N 89°18'37.69"E	26°45'15.41"N 89°18'34.51"E	26°44'45.40"N 89°18'47.99"E	26°44'46.64"N 89°18'51.30"E	10 ha

Note: GPS coordinates A to D and B to C equals to 1000m while A to B and C to D equals to 100m. Except Matha in South Bengal and Adma, Cheko, NRVK, Mendabari and Santalabari in North Bengal plains where the plots were parallel.

B. OBJECTIVE OF THE STUDY

a) To establish permanent 'monitoring plots in representative forest areas' of South West Bengal and North Bengal Plains for monitoring the population of the indigenous vegetation and bird species with GPS readings (Virtual demarcation).

b) To prepare an inventory of trees, shrubs and herbs and associated bird species for each of the 'monitoring plots' for long term monitoring.

c) To elucidate various Indices from the inventory of the indigenous vegetation and bird species collected through the survey.

d) Revisiting the site every five/ten years to collect as the case may be.

C. GENERAL METHODOLOGY:

1. Assessment of the monitoring plots in the study areas:

Preparation of GIS map

a. Marking of 1000mX100m (10 ha) plot in study area:

Initially the KML maps of mouzas for all the locations were provided by the Working Plan and GIS Circle of the Forest Department, which contained the best Reserve Forest/ Conservation areas in South West Bengal having miscellaneous vegetation.

These have been projected on Google Earth to understand the topography and the forest cover. Considering the dense vegetation cover from the world imagery, a 1000mX100m (10 ha) plot was randomly selected within the given area. The distance from the main road and the area of the forest was also considered while selecting the plots, so that a continuous, undisturbed 10ha plot can be chosen. Initially 2 such plots of 10 ha were chosen primarily for the study. Out of these, one plot was selected as the final one after discussion with the forest officials. All shape files were then converted to KML files for an understandable and easy platform.

The KML files of 10 ha area of 10 plots of the North Bengal Plains were collected from the relevant Forest Department. For this purpose, the officials of the Forest Department (Silviculture North) have surveyed the area and suggested suitable plots of 10 ha having miscellaneous vegetation.

b. Marking of100mX100m (1 ha) and 50mX50m and 10mX10m Subplots within the 10ha plot:

The 1000mX100m (10 ha) plot was divided into 10 subplots of 100mX100m (1 ha) area in Google Earth. Of these, 5 subplots were chosen randomly in the field considering the best vegetation cover for documentation of trees, shrubs and herbs.

Table 1: Software used

Software	Functions
Google Earth Imagery	Vector layer creation of 1000mX100m, 100mX100m in KML extension, real time imagery observation

Marking the 10 ha plots and other subplots in the field:

In the field the location of the four corner points of the permanent plots and the subplots which were previously marked in Google earth were verified and recorded through GPS (GPS essentials) and also indicated by Blue paint on the tree trunks at breast height. The other boundaries of the subplots were marked similarly using white paint on the relevant trees (Fig: 2). The GPS locations of permanent monitoring plot and each subplot which were documented is presented in a tabular form for a clearer understanding.

Figure 2: Marking with blue and white paint

2. Assessment of floral diversity:

a. ***Trees:*** All individual trees were counted, identified in the randomly chosen five subplots (one ha each) in the field for the inventory along with their GBH and approximate height.

b. ***Shrubs:*** Randomly chosen 50m X 50m nested plots within the one ha subplot was taken up for inventory (total count) of all shrub species including lianas (woody climbers) in all of the five subplots.

c. ***Herbs****:* Similarly10m X 10m nested plots within the 50m X 50m subunits chosen for shrubs were used to document all the herb species including weak climbers.

The same procedure has been applied for all the five 100mX100m (1 ha) subplots.

Statistical evaluation of the data:

The documentation of trees, shrubs, lianas, herbs and weak climbers from the sites were tabulated and their Abundance, Frequency & Relative Frequency, Density & Relative Density were also calculated (Baxter, 2014). The Importance Value Index (IVI) was analyzed later by summing up the values of Relative Density, Relative Frequency and Relative Abundance (Sukla & Chandel, 1980). All the statistical analyses were performed on the basis of 5 ha actual observation for tree species, 1.25 ha actual observation for shrubs and lianas and 0.05 ha for herbs and scrambler, cripper and twiner species. The similarity was tested, and dendrograms were generated using PAST v.3.1 (Hammer *et al.,* 2001) using the clustering of the classical method followed with the unweighted paired group method with arithmetic mean (UPGMA) algorithm, the Jaccard index (Jaccard, 1902) calculations were performed. Jaccard similarity index includes binary variables (0 and 1) for defining the quotient between intersection and union of the pair wise compared variables among two objects.

The formulas adopted are as follows –

$$1. Abundance\ (A) = \frac{i}{n}$$

Where, i = total number of individuals of a species and n = number of quadrates in which the species has occurred.

2. $Frequency\ (F) = \frac{n}{N}$

3. $Frequency\ \%\ (F\%) = F * 100$

Where, n = number of quadrates in which the species has occurred and N = Total number of quadrates studied.

4. $Relative\ Frequency\ (RF) = \frac{F}{f}$

5. $Relative\ Frequency\ \%\ (RF\ \%) = RF * 100$

Where, F = frequency of a species and f = total plant frequency.

6. $Density\ (D) = \frac{x}{c}$

Where, x = total number individuals of a species and c = area studied.

7. $Relative\ Density\ (RD) = \frac{D}{d}$

Where, D = density of a species and d = total plant density.

The species diversity along with species richness were calculated by Shannon-Weaver Index and the dominance and evenness of species were computed by Simpson Index.

8. $Shannon\ Index\ (H) = -p\Sigma pi\ ln\ pi$

Where, pi is the proportion of individuals found in species i. For a well-sampled community, we can estimate this proportion as $pi = ni/N$, where ni is the number of individuals in species i and N is the total number of individuals in the community.

9. $Simpson\ Index\ (SDI) = \Sigma \frac{ni(ni-1)}{N(N-1)}$

Where, ni = number of individuals of a species and N = Total number of individuals of all species.

10. $Jacard\ Index\ (J) = \frac{Sc}{Sa+Sb+Sc}$

Where Sa and Sb are the numbers of species unique to samples a and b, respectively, and Sc is the number of species common to the two samples

3. Inventory of associated bird species:

In the field the associated bird species were noted with GPS locations along with their habitat and annotation in all the five randomly chosen subplots of one ha each as well as in the surroundings. All these observations were opportunistic and recorded when the birds either flew or perched on the nearby trees in the plots.

CHAPTER 1
LATERITIC SOUTH WEST BENGAL

1. INTRODUCTION

The project area comprises of Lateritic South West Bengal, mostly covering the districts of Paschim Medinipur, Jhargram, Purulia, Bankura, Purba & Paschim Bardhaman and Birbhum. The study area under these districts belong to Medinipur, Kharagpur, Rupnarayan, Jhargram Divisions under Western Circle; Kansavati (S), Kansavati (N) and Purulia Divisions under South West Circle; Burdwan, Durgapur, Birbhum Divisions under South East Circle and Bankura (S), Bankura (N), Panchet (Bishnupur) Divisions under Central Circle. The actual study sites chosen by the Forest Department where the 14 permanent plots were located were Bundwan, Garh Panchkot and Matha in Purulia District; Sutan, Susunia and Basudevpur (Bishnupur) in the District of Bankura; Arabari, Chandabila-Topoban and Hoomgarh in Paschim Medinipur District; Gidhni and Kankrajhore under Jhargram District; Kanksa in Purba Bardhaman District; Tirat-Asansole situated in Paschim Bardhaman District and Md. Bazar from Birbhum District (Fig: 3).

This whole region is the extended part of the Chotanagpur Plateau called the lateritic region or the '*Rarh Bangla*'. The Rarh region lies between the Chotanagpur Plateau on the west and the major flow of the Ganges River in the east. Low-level Pleistocene-era Lateritic badlands (locally called as *khoai*) are common in the region. Several of these small hillocks were formed as a result of sub-aerial erosions and other tectonic movements.

The general topography varies from 60 m to 670 m above sea level and is divided into three distinct topographical regions, *viz*. the western hilly terrain, the undulating central part and alluvial plain in the east, unidentifiably merging into one another. The hilly region is characterized by large granite rocks, while the central part by red lateritic and the eastern part by alluvial and loamy soil. The highest of these are Biharinath (440 m) and Susunia (440 m) in Bankura District. Biharinath contains sedimentary rocks of Gondwana system. Susunia contains gneissic and schistose rocks of Archean age, and also felspathic quartzite at its top.

The soil is reddish ferruginous formed by the decomposition of the underlying rocks. The sandy loam of the reddish-brown color that is mostly unproductive in nature covers the upper layer of the whole area. The parent rock is the metamorphic type rocks of sedimentary origin and igneous rocks both acidic and basic.

The major river systems in the area are the Subarnarekha, Ajay, Damodar, Kangsabati, Silabati, Mayurakshi and Darakeswar.

General climatic conditions are hot sub-tropical climate, characterized by high evaporation and low precipitation with three distinct seasons i.e. summer, monsoon and winter. Maximum temperature varies between 42°C and 46°C during summers and minimum temperature varies between 5°C and 13°C during winters. The monsoon period is from mid-June to end of the September and constitutes 75% of the total annual precipitation. Average annual rainfall varies between 1,100 and 1,500 mm.

The forest structure in the lateritic South West Bengal is mainly the Northern Tropical Dry Deciduous Forest (5B/C 1c) dominated by Sal (*Shorea robusta)* (Champion & Seth 1968). Other forest types like Northern Dry Mixed Deciduous Forest [*Acacia latifolia* (Long leaved Acacia), *Diospyros excelsa* (Kendu), *Schleichera oleosa* (Kusum), *Boswellia serrata* (Salai guggul)]; and Dry Deciduous Scrub [*Terminalia arjuna* (Arjun), *Butea monosperma* (Palash)] are also found in this region.

The Indian elephant is the major faunal species in this region. Other than the elephant, the Stripped Hyena, Indian Grey Wolf, Golden Jackal, Indian Fox, Jungle Cat, Wild Boar, Indian Hare and Indian Langur etc. are the notable mammal species found in some of the pockets of the forest land of this region.

2. STUDY SITES

Purulia District:

Purulia lies between 22°40' N to 23°15' N latitude and 85°45' E to 86°45' E longitudes comprising of 6,259 km^2 (2,417 sq mi) area. This district shares its border with Bankura on the east, Jhargram on the south-east, Paschim Bardhaman on the north-east and the State of Jharkhand on its western side. The average elevation of the district is 115 m above mean sea level. The landscape is rocky and undulating. Major rivers of this district are Kangsabati, Kumari, Silabati (Silai), Darakeswar, Subarnarekha and Damodar. This district has several dams and lakes like Ajodhya, Panchet, Saheb Bandh, Futiyary, Murguma, Pardi, Burda, Gopalpur, Baranti etc. Total forest coverage in this district including social forestry and degraded forest as per Satellite Imagery data is 185726 ha which is 29.69% of the total land of the district. As per report of the forest dept. total area under Forest Dept. is 115321 ha (18.43%).

The permanent plot in Bundwan is situated on the southern side of Purulia District, lying between 22°52′34″N, and 86°30′25″E under Kansavati South Forest Division, sharing a continuous forest patch with the Dalma Elephant Reserve.

The permanent plot in Garh Panchkot (23.6°N; 86.76667°E) is situated at the foothills of the famous Panchet hill which lies in the northern side of the District of Purulia, falling under the Purulia Forest Division.

Matha where the permanent plot was located is adjacent to the famous Ajodhya Hills which falls under Kansavati North Forest Division located at the southwestern part of the District Purulia sharing its border with Jharkhand State.

Bankura District:

The District Bankura is bounded by latitude 22°38’ N to 23°38´ N and longitude 86°36’ E to 87°47’E having an area of 6,882 km^2 (2,657 sq. miles). The adjacent districts are Bardhaman in the north, Paschim Medinipur in the south, Hoogly in the east and Purulia in the west. The average altitude is around 100 m above mean sea level; however, the hilly areas like Biharinath and Susunia reach heights of over 400 m. The River Damodar flows along the north and northeast boundary of the district. Other important rivers are, Darakeswar, Kangsabati, Kumari, Silai, Sali & Gandheswari. Mukutmanipur, the second largest earthen dam in India is situated at the confluence of Kangsabati and Kumari rivers. Total forest coverage is 1337 km^2 which is 19.4% of the district area.

The permanent plot at Sutan is situated near Ranibandh of Bankura District and located at 22.8167°N 86.6167°E. It has an average elevation of 228 meters (748 ft) on the banks of Kangsabati River.

The next permanent plot Susunia in Bankura District is situated just in the foothills of famous Susunia hill. It is located at 23°24′N and 86°59′E and is a part of the Eastern Ghats situated at the north-western part of Bankura District.

Panchet is the location of the third permanent plot falling under Basudevpur beat of Bishnupur Range of Panchet Forest Division in Bankura district. It is nearby to the famous Joypur forest and historical place Bishnupur.

Paschim Medinipur:

Paschim Medinipur district is situated in the South Western side of West Bengal, India. It is surrounded by Bankura and Purulia districts in the North, the district of Jhargram in the West, Hoogly and Purba Medinipur districts in the East and the State of Orissa in the South. Its location lies between 21°36’N to 22°57’N latitude and 86°33’E to 88°11’E longitude. The district comprises an area of 6,308 km^2 (2,436 sq mi). Paschim Medinipur has an average altitude of 23 meters above sea level. Kasai or Kansabati, Darakeswar, Keleghai, Silabati, Subarnarekha are the major riverine systems of the district. Total forest coverage of Paschim Medinipur district is 1070.13 km^2 which is 15% of total geographical area.

One permanent plot in Paschim Medinipur was located at Arabari situated in 22°41′10″N, 87°20′42″E. It is famous for its conservation efforts by the Joint Forest Management (JFM) with equal participation of the local villagers in 1972.

The next permanent plot Chandabila-Topoban lies in Chandabila range situated on the banks of Subarnarekha River in Paschim Medinipur District. The forest here is considered to be the holiest among the locals since time immemorial.

The third permanent plot in Hoomgarh is located at Latitude 22.39376 and Longitude 87.70706 in the District of Paschim Medinipur, south of the River Silabati.

Jhargram:

The district was formed on 4 April 2017, after separation from the Paschim Medinipur district as the 22nd district of West Bengal. This newly formed district shares its border with Jharkhand in the West, Purulia and Bankura districts in the North, Paschim Medinipur district in east and the state of Orissa in the South having an area of 3,037.90 km^2 (1,172.94 sq mi). Jhargram district lies between 21°52' and 22°48' North latitudes and 86°34' and 87°20' East longitude approximately. Kangsabati, Tarafeni, Subarnarekha and Dulung are the important riverine systems that run through the district. Total forest coverage of Jhargram district is 620 km^2 which is 20% of total the geographical area of the district.

Gidhni which is at 22°28′51.6″N and 86°51′10.8″E was the site in the District of Jhargram where one of the permanent plots was located. The place is near the Chilkigarh Kanak Durga Sacred Grove, a biodiversity heritage site.

The next permanent plot was located at Kankrajhore situated in the Belpahari Sub divisional area of Jhargram District which is adjacent to the Jharkhand border under the Mayurjharna Elephant Reserve.

Purba Bardhaman:

The district extends from 22°56' to 23°53' N latitudes and from 86°48' to 88°25' E longitudes. The district having an area of approximate 5432.69 km^2, is bounded on the north by Birbhum and Murshidabad districts, on the east by Nadia, on the south by Hooghly, Bankura and Purulia and on the west by Paschim Bardhaman districts. The river system in Purba Bardhaman includes the Bhagirathi-Hooghly in the east, the Ajay and its tributaries and Darakeswar in the north, the Damodar in the south-west. Besides, there are innumerable Khals, ox-bow lakes and old river beds all over the area. Total forest coverage of Purba Bardhaman district is 176 km^2.

Kanksa falling under Panagarh Range near Barodoba canal in the District of Purba Bardhaman was the site chosen for the permanent plot. It is a part of the Kanksa-Ketugram plain, which lies along the Ajay river.

Paschim Bardhaman:

Paschim Bardhaman district is a predominantly mining-industrial district in West Bengal. It was formed on 7 April 2017 after bifurcation of the erstwhile Bardhaman district as the 23rd district of West Bengal. This industrial belt is at approximately 65m above sea level. Dhanbad district of Jharkhand lies on its western side, while Purba Bardhaman district lies on the eastern side. In the south, across the Damodar River are the Purulia and Bankura districts with Birbhum district in the north. The main rivers are Damodar, Ajay, Barakar etc. A small rivulet, Nunia, flows past Asansole. Total forest coverage of Paschim Bardhaman district is 101 km^2.

The permanent plot in Paschim Bardhaman District is located at Tirat-Asansole which is situated at northern side of Asansole city under Sarishatali beat. The area is mostly a mining area with fragmented forest patches.

Birbhum:
Having a triangular shape this district situated between 23°32'30" and 24°35'0" North latitude and 87°5'25" and 88°1'40" East longitudes, and comprises about 4,545 km^2 (1,755 sq mi) in area. The district of Birbhum is bounded by the state of Jharkhand in its northern and western side, by Murshidabad at the east and Purba and Paschim Bardhaman in the south. Some of the important rivers that flow in this district are Ajay, Mayurakshi, Kopai, Shal, Bakreshwar, Brahmani, Dwarka, Hinglo, Chapala, Bansloi, Pagla, Chandravaga etc. Almost all the rivers originate higher up on the Chotanagpur plateau and flow across Birbhum in a west–east direction. The Forest cover in Birbhum comprises of an area of 177 Km^2 which is 3.89% of the district area.

Md. Bazar with coordinates of 23.993944°N and 87.571944°E situated on the western side of the District Birbhum is the site where the permanent plot was located in this district.

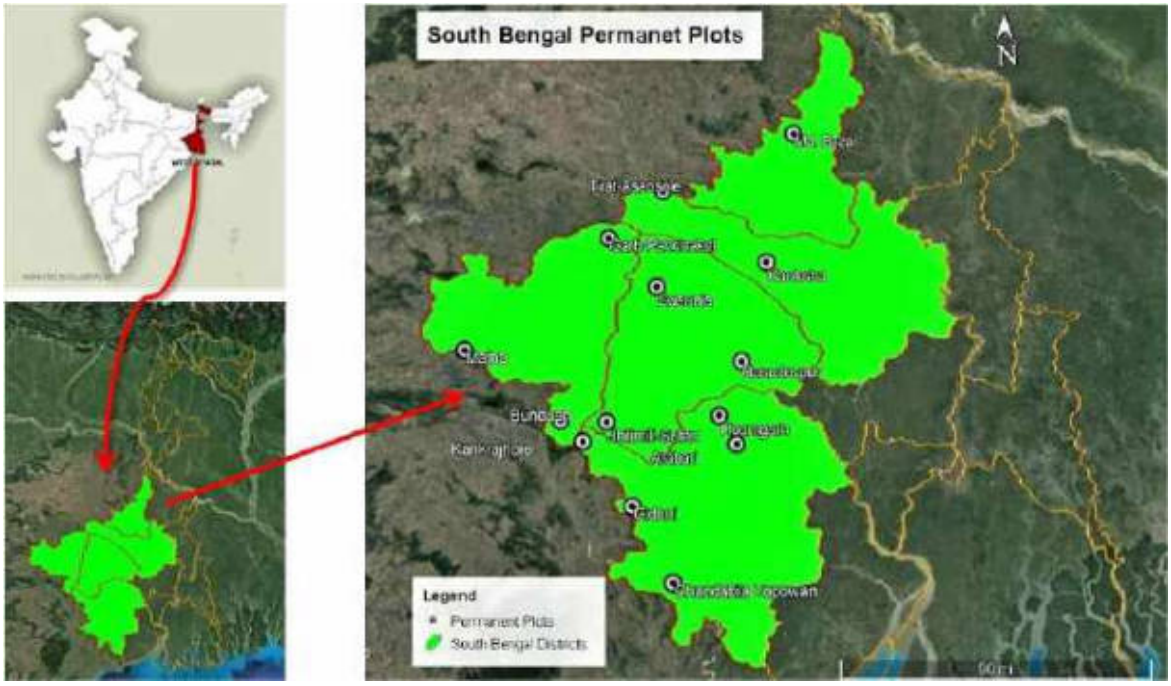


Figure 3: Locations of the permanent plots of Lateritic South West Bengal

3. METHODOLOGY (OTHER THAN GENERAL METHODS)

a. Point sampling method at Gidhni: In the permanent plot of Gidhni under Jhargram Division, the tree count was performed by point sampling method. In 10 ha plot the five subplots of 1 ha (100mX100m) were alternatively chosen for the inventory. Each 1ha subplot was selected for tree count and was further subdivided into four 50mX50m subunits of which one was used for total count of trees as well as shrubs. A nested 10m X 10m area was chosen for documentation of herbs. The remaining three subunits were used for point sampling count of trees (L. R. Grosenbaugh, 1958). For the point sampling method middle points were chosen in the three 50mX50m subunits and was marked by the GPS and all the trees within the 25m radius from that point were documented and counted. Trees were the only vegetation for which Point Sampling was done but for Shrubs and herbs all vegetation that was available in the respective nested subplots were documented both qualitatively and quantitatively.

b. Parallel plot at Matha (500m*200m): In Matha, Purulia the conservation area KML maps provided did not have the provision to plot one continuous virtual permanent plot of 1000mX100m. Therefore, two permanent plots of 500mX100m parallel to each other were chosen and the 10 subplots (100mX100m) marked. Out of these 5 randomized subplots (3 from one and 2 from the other) were chosen in the field where documentation of trees, shrubs and herbs were done.

4. DISCUSSION WITH FOREST OFFICIALS:

Discussions with all the respective Forest Officials were made during the study. All the studies were carried out under the supervision of the respective Forest Division.

5. FIELD TRIPS

Table 2: South West Bengal Plots

South West Bengal					
No.	**Forest Division**	**District**	**Location**	**Plots**	**Dates of Study**
1	Jhargram	Jhargram	Gidhni	1	1st to 3rd Sept, 2020
2	Medinipur	Paschim Medinipur	Arabari	1	10th to 14th Oct, 2020
3	Jhargram	Jhargram	Kankrajhore	1	3rd to 6th Nov, 2020
4	Kansavati (S)	Purulia	Bundwan	1	6th to 10th Nov, 2020
5	Bankura (S)	Bankura	Sutan	1	10th to 13th Nov,2020
6	Birbhum	Birbhum	Md. bazaar	1	18th to 21st Nov, 2020
7	Burdwan	Purba Bardhaman	Kanksa	1	18th to 21st Nov, 2020
8	Durgapur	Paschim Bardhaman	Tirat-Asansole	1	22nd to 25th Nov, 2020
9	Kansavati (N)	Purulia	Garh Panchkot	1	26th to 30th Nov, 2020
10	Kharagpur	Paschim Medinipur	Chandabila-Topoban	1	3rd to 6th Dec, 2020
11	Bankura (N)	Bankura	Susunia	1	10th to 13th Dec, 2020
12	Panchet (Bishnupur)	Bankura	Panchet	1	14th to 17th Dec, 2020
13	Rupnarayan	Paschim Medinipur	Hoomgarh	1	18th to 21st Dec, 2020
14	Purulia	Purulia	Matha	2 (Parallel)	27th to 30th Dec, 2020
	Total			**14**	

6. RESULTS

6.1. PERMANENT PLOT: GIDHNI

6.1.1. NAME AND LOCATION OF THE AREA

- District: Jhargram
- Division: Jhargram
- Range: Gidhni
- Beat: Kanaisole
- Mouza: Kashibandh

First field trip was undertaken during 1st to 3rd September 2020 in Gidhni Range of Jhargram Forest Division, South West Bengal.

The Gidhni area is located at 22°28′51.6″N 86°51′10.8″E lying in the Jhargram District. The place is nearer to Chilkigarh Kanak Durga Sacred Grove, which is a biodiversity heritage site.

The area lies on lower ranges of the Chotanagpur plateau. Soil is mostly lateritic. According to the 2011 Census of India, Gidhni had a total population of 1,935 of which 997 (52%) were males and 938 (48%) were females. Population in the age range 0-6 years was 203. The total number of literate persons in Gidhni was 1,337 (69.10% of the population over 6 years). 3.48% of the population lives in urban areas and 96.52% lives in the rural areas. 20.11% of the total population belong to scheduled castes and 29.37% belong to scheduled tribes.

The average annual rainfall of this District for last 10 years is 1609.46 mm and temperatures can reach as high as 46°C in the summer but can plummet to 4°C in the winter season. The Gidhni forest is characterized by dry deciduous type of vegetation mostly dominated by Sal along with other indigenous species like Kend, Neem, Mohua, Vella, Holdu etc.

On the basis of discussion with the Forest Officials field study was carried out in Kanaisole beat near to the Beldah Village football ground.

Figure 4: Permanent plot selected at Gidhni

6.1.2. Ground survey:

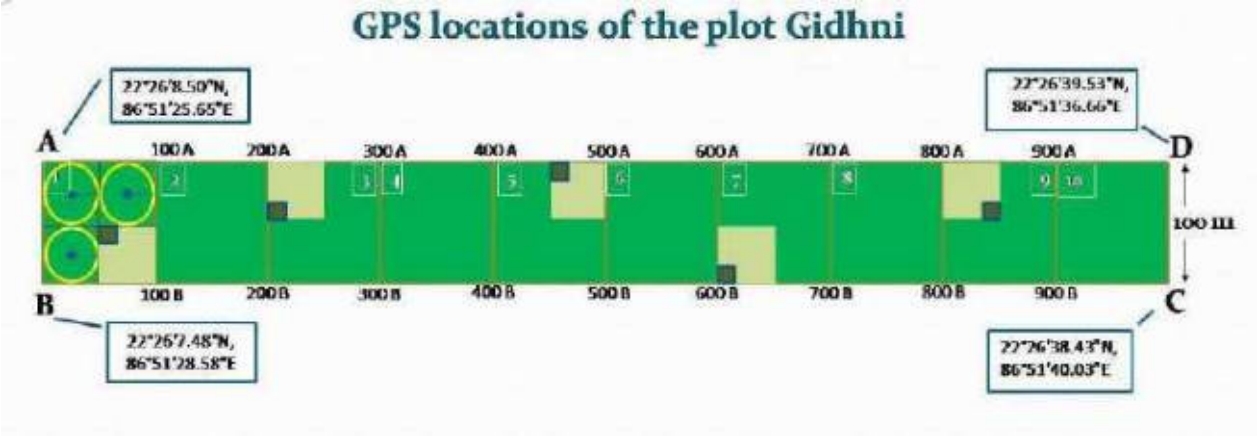


Figure 5: GPS location of the plot with schematic diagram of chosen subplots in Gidhni

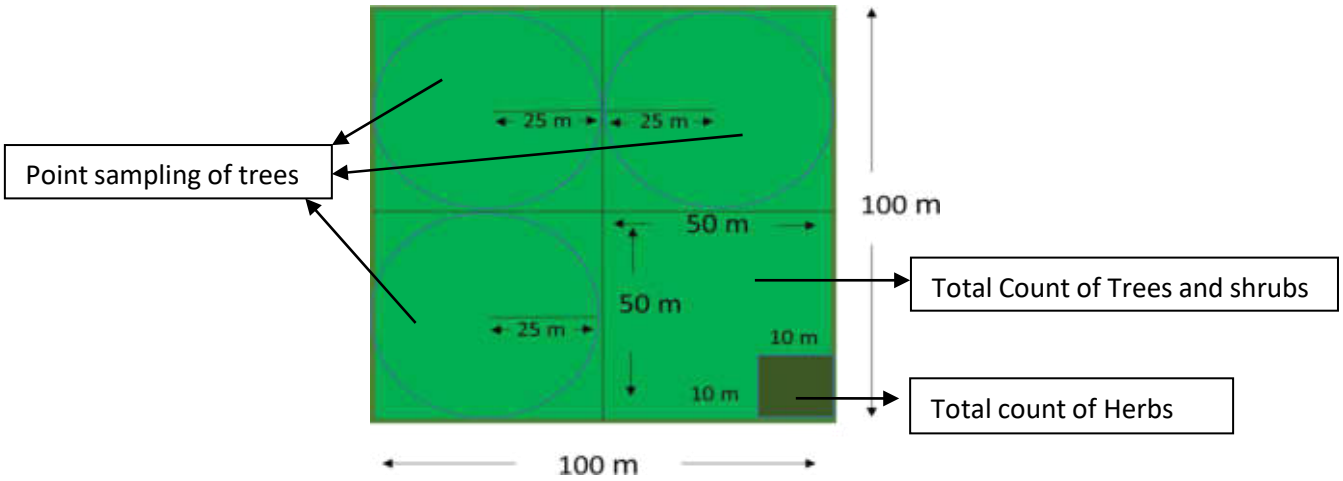


Table 3: Latitude / Longitude of all the Subplots in Gidhni

Subplot points	Latitude	Longitude
100 A	22°26'11.67"N	86°51'26.80"E
100 B	22°26'10.59"N	86°51'30.02"E
200 A	22°26'14.82"N	86°51'27.86"E
200 B	22°26'13.59"N	86°51'31.19"E
300 A	22°26'17.98"N	86°51'28.89"E
300 B	22°26'16.70"N	86°51'32.22"E
400 A	22°26'21.08"N	86°51'30.06"E
400 B	22°26'19.71"N	86°51'33.39"E
500 A	22°26'24.12"N	86°51'31.18"E
500 B	22°26'22.80"N	86°51'34.45"E
600 A	22°26'27.23"N	86°51'32.24"E

600 B	22°26'25.99"N	86°51'35.53"E
700 A	22°26'30.20"N	86°51'33.23"E
700 B	22°26'28.92"N	86°51'36.77"E
800 A	22°26'33.45"N	86°51'34.38"E
800 B	22°26'32.36"N	86°51'37.68"E
900 A	22°26'36.46"N	86°51'35.71"E
900 B	22°26'35.10"N	86°51'38.86"E

Table 4: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Gidhni

Subplots	50mX 50m Plot			10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	22°26'8.92"N	86°51'29.69"E	22°26'9.34"N	86°51'28.38"E
	50b	22°26'9.42"N	86°51'28.08"E		
	50c	22°26'11.09"N	86°51'28.46"E		
Subplot 3	50a	22°26'14.25"N	86°51'29.47"E	22°26'14.68"N	86°51'29.64"E
	50b	22°26'15.58"N	86°51'30.10"E		
	50c	22°26'16.41"N	86°51'28.43"E		
Subplot 5	50a	22°26'22.48"N	86°51'30.92"E	22°26'22.48"N	86°51'30.92"E
	50b	22°26'22.05"N	86°51'32.36"E		
	50c	22°26'23.56"N	86°51'32.82"E		
Subplot 7	50a	22°26'26.58"N	86°51'33.91"E	22°26'26.28"N	86°51'35.65"E
	50b	22°26'28.21"N	86°51'34.45"E		
	50c	22°26'27.53"N	86°51'35.95"E		
Subplot 9	50a	22°26'32.74"N	86°51'36.14"E	22°26'33.97"N	86°51'36.44"E
	50b	22°26'34.29"N	86°51'36.65"E		
	50c	22°26'35.15"N	86°51'35.15"E		

6.1.3. Inventorization of Flora

Table 5: Documentation of all tree species in all the Subplots in Gidhni

Sl. No.	Tree Species	Common name	Sp1	Sp3	Sp5	Sp7	Sp9	Total
1	*Adina cordifolia*	Korom/Holdu	24	16	0	0	0	**40**
2	*Azadirachta indica*	Neem	0	31	0	0	0	**31**
3	*Buchanania lanzan*	Piyal	0	35	19	22	54	**130**
4	*Cochlospermum religiosum*	Golgoli/ Galgal	0	0	0	12	0	**12**
5	*Diospyros excelsa*	Kendu	273	137	0	9	0	**419**
6	*Holarrhena antidysenterica*	Kurchi	229	170	44	34	41	**518**
7	*Madhuca latifolia*	Mahua	20	24	19	0	0	**63**
8	*Semecarpus anacardium*	Vella	0	9	32	24	45	**110**
9	*Shorea robusta*	Sal	1076	1137	1195	1148	1330	**5886**
10	*Soymida febrifuga*	Rahara	0	3	1	0	0	**4**
Total			**1622**	**1562**	**1310**	**1249**	**1470**	**7213**

Table 6: Statistical analysis of all the Tree Species in Gidhni

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	40	40	6.67	8.00	0.55	20.00	1.277	8.50	**0.32**	**0.76**
2	*Azadirachta indica*	31	20	3.33	6.20	0.43	31.00	1.979	5.74		
3	*Buchanania lanzan*	130	80	13.33	26.00	1.80	32.50	2.075	17.21		
4	*Cochlospermum religiosum*	12	20	3.33	2.40	0.17	12.00	0.766	4.27		
5	*Diospyros excelsa*	419	60	10.00	83.80	5.81	139.67	8.916	24.72		
6	*Holarrhena antidysenterica*	518	100	16.67	103.60	7.18	103.60	6.614	30.46		
7	*Madhuca latifolia*	63	60	10.00	12.60	0.87	21.00	1.341	12.21		
8	*Semecarpus anacardium*	110	80	13.33	22.00	1.53	27.50	1.756	16.61		
9	*Shorea robusta*	5886	100	16.67	1177.20	81.60	1177.20	75.150	173.42		
10	*Soymida febrifuga*	4	40	6.67	0.80	0.06	2.00	0.128	6.85		

a. Tree Species:

A total of 7213 trees comprising of only 10 species, were documented from all the 5 random subplots chosen in this permanent plot at Gidhni. Of these 10 species of trees, *Shorea robusta* (Sal) was the dominant species and was recorded in highest numbers from all the subplots. In fact, a total of 5886 individuals of Sal were documented accounting for nearly 82% of all the trees recorded here. The only other species that was found in all the 5 subplots along with Sal was *Holarrhena antidysenterica*, recorded a total of only 518 individuals revealing a percentage of only 7%. This was followed by *Diospyros excelsa* with a total of 418 individuals from subplots 1, 3 and 7 only. The two species *Buchanania lanzan* recording a total of 130 individuals and *Semecarpus anacardium* with a total of 110 individuals occurred in all the subplots except subplot 1. The species *Madhuca latifolia* though found in 3 subplots recorded a total of only 63 individuals. *Adina cordifolia* occurred in only 2 subplots with a total of 40 individuals while *Azadirachta indica* and *Cochlospermum religiosum* were found only in one subplot viz. 3 and 7 respectively. The least number of individuals were seen in *Soymida febrifuga* which had a total of only 4 individuals, recording 3 from subplot 3 and 1 from subplot 5.

The two species *Shorea robusta* (Sal) and *Holarrhena antidysenterica* therefore recorded 100% frequency. However, *Shorea robusta* (Sal) revealed the highest density (1177.20 per ha.) and abundance (1177.20) while *Holarrhena antidysenterica* had a density of only 103.60 per ha. and an abundance of 103.60. Moreover, since the vegetation was noticeably dominated *by Shorea robusta* it had the highest IVI value of 173.42.

Both Simpson's Diversity Index (0.32) and Shannon's Diversity Index (0.76) were low, indicative that the permanent plot at Gidhni is moderately diverse in richness as is shown by the presence of only 10 species of trees though the individuals recorded were nearly 6000. Simpson's Diversity Index also shows that there is 32% chance that 2 individuals selected at random from this plot would be from different tree species.

The height and DBH of all the trees in all the plots were not documented in Gidhni.

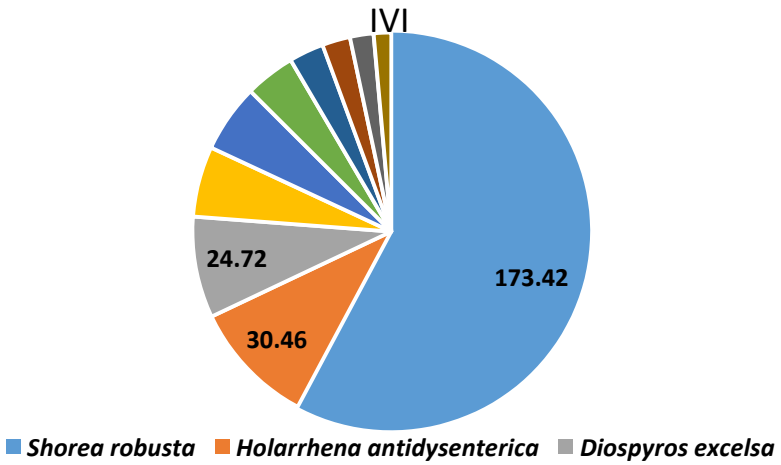


Figure 6: IVI Values of Dominant Tree Species in Gidhni

Table 7: Documentation of Shrub species (including tree saplings) in all the Subplots in Gidhni

Sl. No.	Shrub Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Cleistanthus collinus*	Parasi	6	0	0	0	0	**6**
2	*Flacourtia indica*	Choto Boichi	12	8	8	13	0	**41**
3	*Garcinia livingstonei*		0	0	0	7	8	**15**
4	*Mimosa diplotricha*		5	5	0	2	9	**21**
5	*Phoenix acaulis*	Bon khejur	4	1	2	3	12	**22**
6	*Tragia involucrata*		1	0	0	0	0	**1**
7	*Ziziphus oenoplia*	Sia kul	0	4	8	7	11	**30**
Total			**28**	**18**	**18**	**32**	**40**	**136**

Table 8: Statistical analysis of all the Shrub Species (including tree saplings) in Gidhni

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cleistanthus collinus*	6	20	4.76	4.80	4.41	6.00	14.32	23.49	**0.20**	**1.69**
2	*Flacourtia indica*	41	80	19.05	32.80	30.15	10.25	24.46	73.66		
3	*Garcinia livingstonei*	15	40	9.52	12.00	11.03	7.50	17.90	38.45		
4	*Mimosa diplotricha*	21	80	19.05	16.80	15.44	5.25	12.53	47.02		
5	*Phoenix acaulis*	22	100	23.81	17.60	16.18	4.40	10.50	50.49		
6	*Tragia involucrata*	1	20	4.76	0.80	0.74	1.00	2.39	7.88		
7	*Ziziphus oenoplia*	30	80	19.05	24.00	22.06	7.50	17.90	59.01		

b. Shrub Species:

A total number of 136 individuals under 7 shrub species were documented from this permanent plot.

The shrub *Flacourtia indica* (IVI = 73.66) was the highest in dominance with 41 individuals, followed by *Ziziphus oenoplia* with 30 individuals (IVI = 59.01), *Phoenix acaulis* with 22 individuals (IVI = 50.49), *Mimosa diplotricha* with 21 individuals (IVI = 47.02) and *Garcinia livingstonei* with 15 individuals (IVI = 38.45). The least shrubs recorded were *Cleistanthus collinus* with 6 individuals (IVI = 23.49) and *Tragia involucrata* with only one individual (IVI = 7.88) (Table: 8).

The highest frequency (100%) was in *Phoenix acaulis* which was found in all the subplots, while

Cleistanthus collinus and *Tragia involucrata* were found to have least frequency (20%) and documented only from subplot 5.

The lower Simpson's Diversity index (0.20) and Shannon's Diversity Index (1.69) of shrub species indicated that the plot is less diverse. It also indicated that richness and evenness of shrub species were also very less. Simpson's Diversity index also explains that there is 20% chance that 2 individuals selected at random from this plot would be from different shrub species.

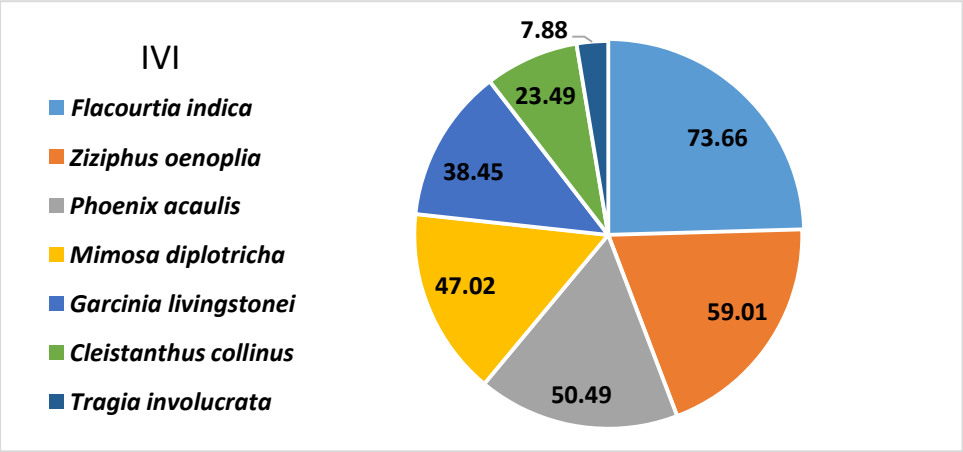


Figure 7: IVI Values of Dominant Shrubs (including tree saplings) in Gidhni

Table 9: Documentation of Liana species in all the Subplots in Gidhni

Sl. No.	Liana Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Abrus precatorius*	Kuch	0	3	0	0	0	**3**
2	*Ampelocissus latifolia*	Ghora ladi	20	9	9	0	6	**44**
3	*Aristolochia indica*	Iswarmul	0	2	0	0	0	**2**
4	*Combretum decandrum*	Atari	3	13	0	0	0	**16**
5	*Cocculus hirsutus*		0	0	10	0	0	**10**
6	*Dioscorea bulbifera*	Khamalu	5	13	5	0	17	**40**
7	*Smilax zeylanica*	Ram Dantan	3	11	12	4	13	**43**
8	*Stephania hernandiifolia*		2	3	7	2	22	**36**
Total			**33**	**54**	**43**	**6**	**58**	**194**

Table 10: Statistical analysis of the entire Liana species in Gidhni

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abrus precatorius*	3	20	4.35	2.40	1.55	3.00	4.88	10.77	**0.82**	**1.78**
2	*Ampelocissus latifolia*	44	60	13.04	35.20	22.68	14.67	23.86	59.58		
3	*Aristolochia indica*	2	20	4.35	1.60	1.03	2.00	3.25	8.63		
4	*Combretum decandrum*	16	40	8.70	12.80	8.25	8.00	13.01	29.96		
5	*Cocculus hirsutus*	10	20	4.35	8.00	5.15	10.00	16.27	25.77		
6	*Dioscorea bulbifera*	40	100	21.74	32.00	20.62	8.00	13.01	55.37		
7	*Smilax zeylanica*	43	100	21.74	34.40	22.16	8.60	13.99	57.89		
8	*Stephania hernandiifolia*	36	100	21.74	28.80	18.56	7.20	11.71	52.01		

c. Liana Species:

A total number of 194 individuals under 8 liana species were documented from this permanent plot.

The vegetation was mostly dominated by *Ampelocissus latifolia* (IVI = 59.58), *Smilax zeylanica* (IVI = 57.89), *Dioscorea bulbifera* (IVI = 55.37) and *Stephania hernandiifolia* (IVI = 52.01) (Fig: 8).

Therefore, the maximum number of individuals was also contributed by the same three liana species, *Ampelocissus latifolia* (44) followed by *Smilax zeylanica* (43), *Dioscorea bulbifera* (40) and *Stephania hernandiifolia* (36).

Dioscorea bulbifera, Smilax zeylanica and *Stephania hernandiifolia* were found in all the subplots with highest frequency (100%). *Abrus precatorius, Cocculus hirsutus* and *Aristolochia indica* revealed least frequency (20%) and documented only from single subplot.

The lower Simpson's Diversity index (0.82) and Shannon's Diversity Index (1.78) of liana species indicated that the plot is moderate diverse (richness and evenness). Simpson's Diversity index also explains that there is 82% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

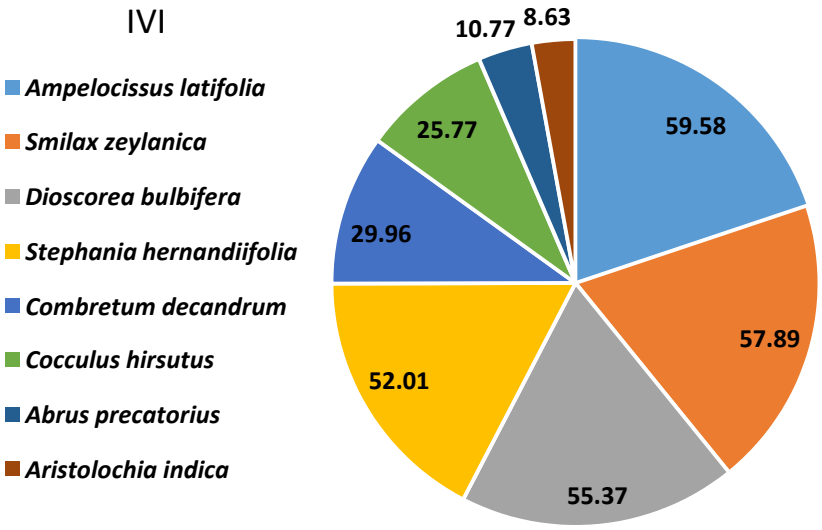


Figure 8: IVI Values of Dominant Liana species in Gidhni

Table 11: Documentation of all Herb species in all the nested Subplots in Gidhni

Sl. No.	Herb Species	Common name	Sp1	Sp3	Sp5	Sp7	Sp9	Total
1	*Andrographis paniculata*	Kalmegh	18	21	0	18	42	**99**
2	*Anisomeles ovata*	Gopali	0	7	0	0	0	**7**
3	*Croton bonplandianum*		57	39	0	0	0	**96**
4	*Chromolaena odorata*	Bon Mara	2	0	6	0	0	**8**
5	*Evolvulus nummularius*		0	0	13	22	15	**50**
6	*Lindernia ciliata*		49	0	27	0	0	**76**
7	*Oldenlandia corymbosa*		30	26	0	0	21	**77**
8	*Phyllanthus niruri*	Vui Amla	109	0	0	0	0	**109**
9	*Scoparia dulcis*	Bon Dhone	0	0	8	0	0	**8**
10	*Tacca leontopetaloides*		1	0	1	0	0	**2**
11	*Tridax procumbens*	Tar Ganda	0	0	0	19	0	**19**
Total			**266**	**93**	**55**	**59**	**78**	**551**

Table 12: Statistical analysis of all the Herb Species in Gidhni

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	Ra%	IVI	SDI	H
1	*Andrographis paniculata*	99	80	18.18	1980	17.97	24.75	8.22	44.37	**0.85**	**2.01**
2	*Anisomeles ovata*	7	20	4.55	140	1.27	7.00	2.32	8.14		
3	*Croton bonplandianum*	96	40	9.09	1920	17.42	48.00	15.94	42.46		
4	*Chromolaena odorata*	8	40	9.09	160	1.45	4.00	1.33	11.87		
5	*Evolvulus nummularius*	50	60	13.64	1000	9.07	16.67	5.54	28.25		
6	*Lindernia ciliata*	76	40	9.09	1520	13.79	38.00	12.62	35.51		
7	*Oldenlandia corymbosa*	77	60	13.64	1540	13.97	25.67	8.52	36.14		
8	*Phyllanthus niruri*	109	20	4.55	2180	19.78	109.00	36.20	60.53		
9	*Scoparia dulcis*	8	20	4.55	160	1.45	8.00	2.66	8.65		
10	*Tacca leontopetaloides*	2	40	9.09	40	0.36	1.00	0.33	9.79		
11	*Tridax procumbens*	19	20	4.55	380	3.45	19.00	6.31	14.30		

d. Herb Species:

A total number of 551 individuals belonging to 11 herbaceous species were documented from this permanent plot.

Co-dominant herbaceous species in this permanent plot were *Phyllanthus niruri* (IVI = 60.53), *Andrographis paniculata* (IVI = 44.37*), Croton bonplandianum* (IVI = 42.46), *Oldenlandia corymbosa* (IVI = 36.14), *Lindernia ciliata* (IVI = 35.51) and *Evolvulus nummularius* (IVI = 28.25). Maximum number of individuals were contributed by *Phyllanthus niruri* (109) followed by *Andrographis paniculata* (99) and *Croton bonplandianum* (96).

None of the herbaceous species was found to exist with maximum frequency (100%) in all the five nested subplots. The next highest frequency (80%) was seen in *Andrographis paniculata* which occurred in four subplots. *Anisomeles ovata, Phyllanthus niruri, Scoparia dulcis* and *Tridax procumbens* were found to have least frequency (20%) and documented only from a single subplot. *Tacca leontopetaloides, Anisomeles ovata, Chromolaena odorata* and *Scoparia dulcis* were observed to have contributed the least with 2, 7, 8 and 8 individuals respectively.

The Simpson's Diversity index (0.85) and Shannon's Diversity Index (2.01) indicated that the plot is

highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 85% chance that 2 individuals selected at random from this plot would be from different herb species.

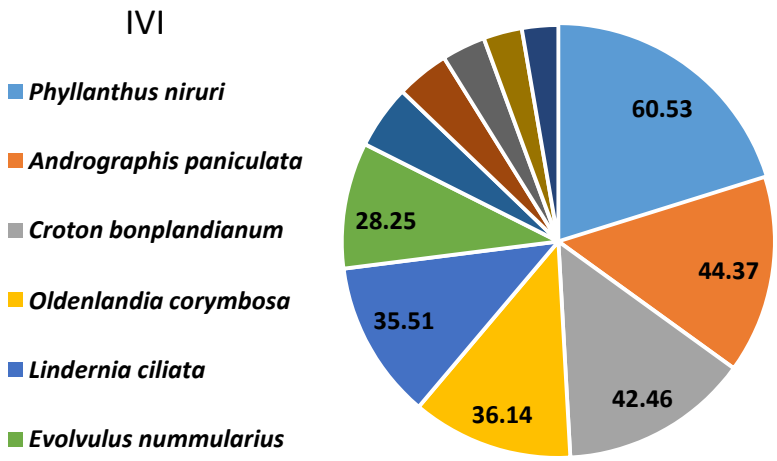


Figure 9: IVI Values of Dominant Herb Species in Gidhni

Table 13: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Gidhni

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp3	Sp5	Sp7	Sp9	Total
1	*Cajanus scrabareoides*	Kurthi	3	7	6	9	18	**43**
2	*Hemidesmus indicus*	Anantamul	12	10	3	5	17	**47**
3	*Tylophora indica*	Antamul	0	4	8	7	11	**30**
Total			**15**	**21**	**17**	**21**	**46**	**120**

Table 14: Statistical analysis of all the Scrambler, creeper and twiner species in Gidhni

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cajanus scrabareoides*	43	100	35.71	860	35.83	8.60	33.7	105.27	**0.66**	**1.08**
2	*Hemidesmus indicus*	47	100	35.71	940	39.17	9.40	36.9	111.74		
3	*Tylophora indica*	30	80	28.57	600	25.00	7.50	29.4	82.98		

e. Scrambler, creeper and twiner species:

A total of 120 individuals under only 3 scrambler, creeper and twiner species were documented from this permanent plot.

The three species *Hemidesmus indicus* (IVI = 111.74), *Cajanus scrabareoides* (IVI = 105.27) and *Tylophora indica* (IVI = 82.98) were similar in their co-dominance.

With maximum frequency (100%) *Cajanus scrabareoides* and *Hemidesmus indicus* were found in all the subplots.

The Simpson's Diversity index (0.66) and Shannon's Diversity Index (1.08) indicated moderate diversity with low richness and evenness of climber species. Simpson's Diversity index also explains that there is 66% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

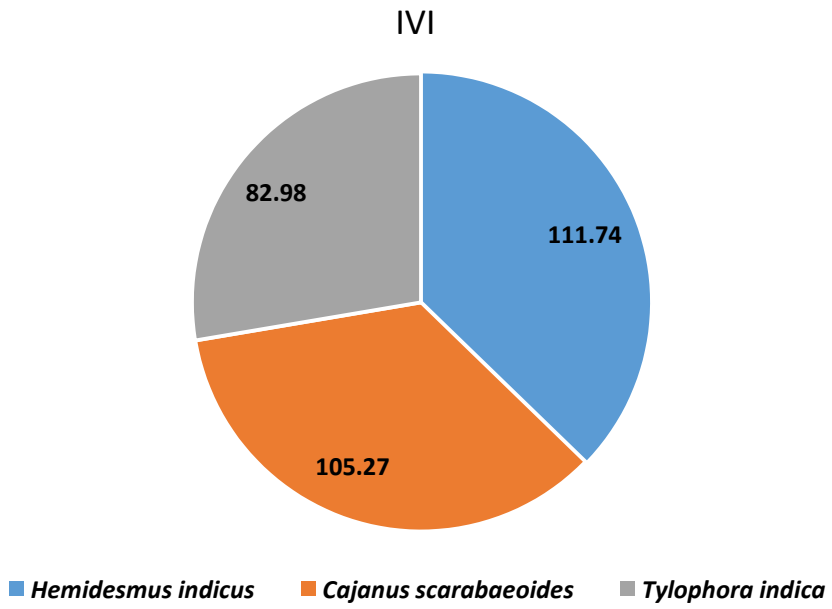


Figure 10: IVI Values of Dominant Scrambler, creeper and twiner species in Gidhni

6.1.4. Inventory of associated bird species in the plot:

During our field trip 14 species of birds were documented in the selected subplots including some rare ones like Yellow Eyed Babbler. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 15: All Bird species documented in Gidhni Subplot wise

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Black Drongo	*Dicrurus macrocercus*	LC	1, In between Subplot 1 and 2
2	Black hooded oriole	*Oriolus xanthornus*	LC	1, In between Subplot 1 and 2, Adjacent area of Subplot 1, 3
3	Common hawk cuckoo	*Hierococcyx varius*	LC	2
4	Common Tailor bird	*Orthotomus sutorius*	LC	Adjacent area of Subplot 1
5	Greater coucal	*Centropus sinensis*	LC	Adjacent area of Subplot 1
6	Jungle babbler	*Turdoides striata*	LC	1, In between Subplot 1 and 2
7	Lesser flameback woodpecker	*Dinopium benghalense*	LC	Outside of the plot
8	Lineated barbet	*Megalaima lineata*	LC	In between Subplot 1 and 2
9	Palm Swift	*Cypsiurus balasiensis*	LC	1
10	Red vented bulbul	*Pycnonotus cafer*	LC	Outside of the plot
11	Rufous tree pie	*Dendrocitta vagabunda*	LC	In between Subplot 1 and 2
12	Spotted dove	*Spilopelia chinensis*	LC	In between Subplot 1 and 2
13	Yellow eyed babbler	*Chrysomma sinense*	LC	Outside of the plot
14	Yellow footed green pigeon	*Treron phoenicoptera*	LC	1, Adjacent area of Subplot 1, 3

6.2. PERMANENT PLOT: ARABARI

6.2.1. Name and location of the area:

- District: Paschim Medinipur
- Division: Medinipur
- Range: Arabari
- Beat: Arabari
- Mouza: Arabari

Second field trip was undertaken during 10th to 14th October, 2020 in Arabari under Arabari Range of Medinipur Forest Division, South West Bengal.

Arabari area is located at 22°41′10″N, 87°20′42″E lying in the Paschim Medinipur District. The place is near Salboni Block and famous for implementing the Joint Forest Management committees consisting of the local villagers, which later proved as a good example of conserved forest.

Arabari is surrounded with the Dalma range of East Singhbhum, Jharkhand, which is the elephant prone zone. Hence Arabari is also considered as one of the main elephant corridors. The dominant vegetation in the forest is Sal (*Shorea robusta*), along with the other indigenous species like Kend, Neem, Mohua, Vella, Holdu etc.

On the basis of discussion with the Forest Officials field study was carried out in Arabari beat behind the Arabari Forest Rest House.

Figure 11: Permanent plot selected at Arabari

6.2.2. Ground survey:

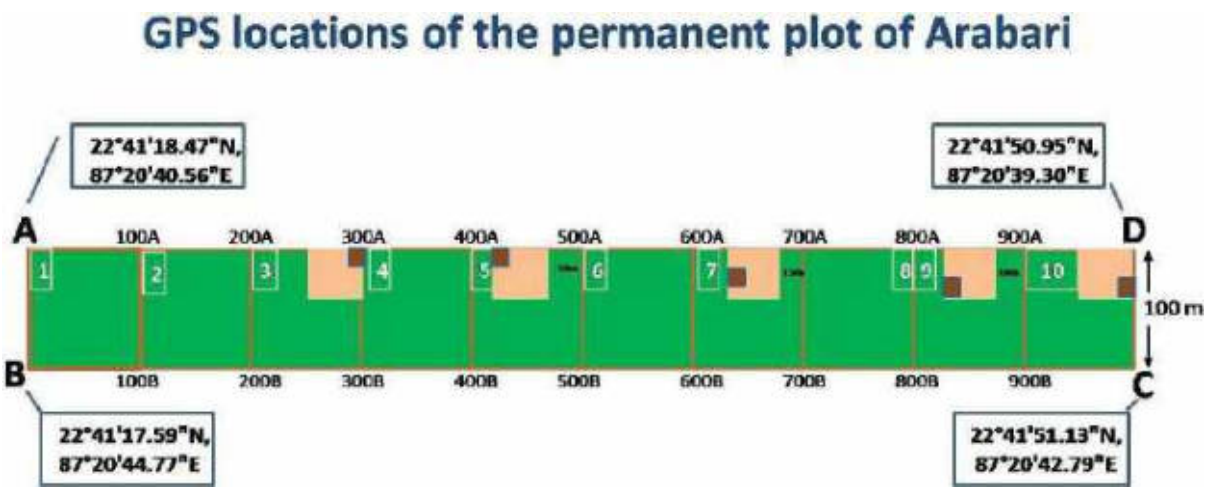


Figure 12: GPS location of the plot with schematic diagram of chosen subplots

Table 16: Latitude / Longitude of all the Subplots of Arabari

Subplot points	Latitude	Longitude	Tree Name
100 A	22°41'21.67"N	87°20'40.20"E	
100 B	22°41'21.27"N	87°20'44.16"E	Kelikadam
200 A	22°41'25.06"N	87°20'40.32"E	
200 B	22°41'24.74"N	87°20'44.05"E	Lyada
300 A	22°41'28.57"N	87°20'40.13"E	
300 B	22°41'28.09"N	87°20'43.98"E	Jam
400 A	22°41'31.51"N	87°20'39.95"E	Arjun
400 B	22°41'31.56"N	87°20'43.76"E	Saal
500 A	22°41'34.54"N	87°20'40.00"E	Neem
500 B	22°41'34.94"N	87°20'43.84"E	Arjun
600 A	22°41'38.10"N	87°20'39.98"E	Minjiri
600 B	22°41'38.05"N	87°20'43.55"E	Arjun
700 A	22°41'40.96"N	87°20'39.64"E	Eucalyptus
700 B	22°41'41.10"N	87°20'43.40"E	Mohua
800 A	22°41'44.50"N	87°20'39.64"E	Teak
800 B	22°41'44.35"N	87°20'43.26"E	Holdu
900 A	22°41'47.60"N	87°20'39.70"E	Teak
900 B	22°41'48.01"N	87°20'43.15"E	Teak

Table 17: Latitude / Longitude of the Nested subplots for Shrubs and Herbs of Arabari

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 3	50a	22°41'26.61"N	87°20'40.41"E	22°41'28.36"N	87°20'40.40"E
	50b	22°41'26.61"N	87°20'42.21"E		
	50c	22°41'28.15"N	87°20'41.97"E		
Subplot 5	50a	22°41'33.58"N	87°20'40.07"E	22°41'32.31"N	87°20'40.25"E
	50b	22°41'33.60"N	87°20'41.50"E		
	50c	22°41'32.19"N	87°20'41.56"E		
	50d	22°41'32.21"N	87°20'40.04"E		
Subplot 7	50a	22°41'40.45"N	87°20'39.59"E	22°41'39.25"N	87°20'40.72"E
	50b	22°41'39.06"N	87°20'39.84"E		
	50c	22°41'39.14"N	87°20'41.29"E		
	50d	22°41'40.41"N	87°20'41.05"E		
Subplot 9	50a	22°41'47.26"N	87°20'39.69"E	22°41'45.95"N	87°20'41.14"E
	50b	22°41'45.75"N	87°20'39.57"E		
	50c	22°41'45.76"N	87°20'41.38"E		
	50d	22°41'47.18"N	87°20'41.26"E		
Subplot 10	50a	22°41'49.36"N	87°20'39.36"E	22°41'50.87"N	87°20'40.60"E
	50b	22°41'49.31"N	87°20'41.20"E		
	50c	22°41'51.00"N	87°20'40.99"E		

6.2.3. Inventorization of Flora

Table 18: Documentation of all tree species in all the Subplots in Arabari

Sl. No.	Tree Species	Common name	Sp10	Sp9	Sp7	Sp5	Sp3	Total
1	*Acacia auriculiformis*	Akashmmoni	6	11	5	2	15	**39**
2	*Adina cordifolia*	Korom/Holdu		2				**2**
3	*Aegle mermalos*	Bel	1					**1**
4	*Albizia lebbeck*	Sada Sirish	1		8	2	1	**12**
5	*Alstonia scholaris*	Chhatim	3	1	1			**5**
6	*Anogeissus latifolia*	Dhaw	1					**1**
7	*Azadirachta indica*	Neem	1	1	6	8	5	**21**
8	*Bombax ceiba*	Lal Simul	1					**1**
9	*Bridelia retusa*	Bhuans/Kosai	13	11	4		1	**29**
10	*Cassia fistula*	Sonalu		1				**1**
11	*Cassia siamea*	Minjiri	7	8	11	1	5	**32**
12	*Dalbargia latifolia*	Sweti Sal			1			**1**
13	*Eucalyptus hybrida*	Potas	13	99	9			**121**
14	*Gmelia arborea*	Gamar	19	5	3		3	**30**
15	*Holarrhena antidysenterica*	Kurchi	4	4	2			**10**
16	*Holoptelea integrifolia*	Chatra/Challa	7					**7**
17	*Lagerstroemia parviflora*	Sidha	1	1			1	**3**

18	*Lannea coromandelica*	Geol	14	4	3	2	6	**29**
19	*Litsea glutinosa*	Leda					1	**1**
20	*Madhuca latifolia*	Mahua	109	18	16			**143**
21	*Mitragyna parviflora*	Keli Kadam					8	**8**
22	*Morinda tomentosa*		3	1	4	1		**9**
23	*Naringi crenulata*	Bonomali	1					**1**
24	*Peltophorum acerifolium*	Radhachura	19	1				**20**
25	*Pterocarpus marsupium*	Piasal/Murga	27	11	3	2	1	**44**
26	*Sapindus emarginatus*	Ritha		1				**1**
27	*Semecarpas anacardium*	Vella		2				**2**
28	*Shorea robusta*	Sal	5	21		1	3	**30**
29	*Streblus asper*	Seora	2					**2**
30	*Strichnos nux-vomica*	Kuchila			1	1		**2**
31	*Syzygium jambolanum*	Jam	1	2	2	2	14	**21**
32	*Tamarindas indica*	Tentul		3				**3**
33	*Tectona grandis*	Segun	110	97	62	1		**270**
34	*Terminalia arjuna*	Arjun		1	22	7	1	**31**
35	*Terminalia bellirica*	Bahera	11	26	3			**40**
36	*Terminalia tomentosa*	Ason			1			**1**
37	*Trema orientalis*						1	**1**
	Total		**380**	**332**	**167**	**30**	**66**	**975**

Table 19: Statistical analysis of all the Tree Species in Arabari

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia auriculiformis*	39	100	5.21	7.80	4.00	7.80	2.67	11.88	**0.87**	**2.59**
2	*Adina cordifolia*	2	20	1.04	0.40	0.21	2.00	0.68	1.93		
3	*Aegle mermalos*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
4	*Albizia lebbeck*	12	80	4.17	2.40	1.23	3.00	1.03	6.42		
5	*Alstonia scholaris*	5	60	3.13	1.00	0.51	1.67	0.57	4.21		
6	*Anogeissus latifolia*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
7	*Azadirachta indica*	21	100	5.21	4.20	2.15	4.20	1.44	8.80		
8	*Bombax ceiba*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
9	*Bridelia retusa*	29	80	4.17	5.80	2.97	7.25	2.48	9.62		
10	*Cassia fistula*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
11	*Cassia siamea*	32	100	5.21	6.40	3.28	6.40	2.19	10.68		
12	*Dalbargia latifolia*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
13	*Eucalyptus hybrida*	121	60	3.13	24.20	12.41	40.33	13.80	29.33		
14	*Gmelia arborea*	30	80	4.17	6.00	3.08	7.50	2.57	9.81		
15	*Holarrhena antidysenterica*	10	60	3.13	2.00	1.03	3.33	1.14	5.29		
16	*Holoptelea integrifolia*	7	20	1.04	1.40	0.72	7.00	2.39	4.15		
17	*Lagerstroemia parviflora*	3	60	3.13	0.60	0.31	1.00	0.34	3.77		
18	*Lannea coromandelica*	29	100	5.21	5.80	2.97	5.80	1.98	10.17		
19	*Litsea glutinosa*	1	20	1.04	0.20	0.10	1.00	0.34	1.49		
20	*Madhuca latifolia*	143	60	3.13	28.60	14.67	47.67	16.31	34.10		

21	*Mitragyna parviflora*	8	20	1.04	1.60	0.82	8.00	2.74	4.60
22	*Morinda tomentosa*	9	80	4.17	1.80	0.92	2.25	0.77	5.86
23	*Naringi crenulata*	1	20	1.04	0.20	0.10	1.00	0.34	1.49
24	*Peltophorum acerifolium*	20	40	2.08	4.00	2.05	10.00	3.42	7.56
25	*Pterocarpus marsupium*	44	100	5.21	8.80	4.51	8.80	3.01	12.73
26	*Sapindus emarginatus*	1	20	1.04	0.20	0.10	1.00	0.34	1.49
27	*Semecarpas anacardium*	2	20	1.04	0.40	0.21	2.00	0.68	1.93
28	*Shorea robusta*	30	80	4.17	6.00	3.08	7.50	2.57	9.81
29	*Streblus asper*	2	20	1.04	0.40	0.21	2.00	0.68	1.93
30	*Strichnos nux-vomica*	2	40	2.08	0.40	0.21	1.00	0.34	2.63
31	*Syzygium jambolanum*	21	100	5.21	4.20	2.15	4.20	1.44	8.80
32	*Tamarindas indica*	3	20	1.04	0.60	0.31	3.00	1.03	2.38
33	*Tectona grandis*	270	80	4.17	54.00	27.69	67.50	23.09	54.95
34	*Terminalia arjuna*	31	80	4.17	6.20	3.18	7.75	2.65	10.00
35	*Terminalia bellirica*	40	60	3.13	8.00	4.10	13.33	4.56	11.79
36	*Terminalia tomentosa*	1	20	1.04	0.20	0.10	1.00	0.34	1.49
37	*Trema orientalis*	1	20	1.04	0.20	0.10	1.00	0.34	1.49

a. Tree Species:

This permanent plot at Arabari recorded the lowest number (975) of trees even though it was found to have 37 different species of trees, being one of the highest among South Bengal Plots.

It is seen that 20 of these tree species were seen to have less than 10 individuals each.

In fact, species like *Aegle mermalos, Anogeissus latifolia, Bombax ceiba, Cassia fistula, Dalbargia latifolia, Litsea glutinosa, Naringi crenulata, Sapindus emarginatus, Terminalia tomentosa, Trema orientalis* recorded only one individual in one subplot each, while *Adina cordifolia, Semecarpas anacardium, Streblus asper*, had two individuals only in one subplot each. Similarly, *Tamarindas indica* occurred with three individuals in one subplot, while *Holoptelea integrifolia* and *Mitragyna parviflora* had seven and eight individuals in only one subplot. There were also those like *Strichnos nux-vomica* who were seen to have two individuals, in two subplots (one in each), while *Lagerstroemia parviflora* recorded three individuals in three subplots (one in each). Though *Alstonia scholaris* had recorded only 5 individuals, they were distributed in 3 of the 5 subplots while *Morinda tomentosa* had recorded 9 individuals, distributed in 4 of the 5 subplots.

Of the remaining 17 species of trees, 14 of them were documented to possess 10 to 44 individuals, while 3 species had individuals ranging from 121 to 270.

The highest number of 270 individuals in 4 subplots belonged to *Tectona grandis* followed by *Madhuca latifolia* with 143 individuals and *Eucalyptus hybrida* with 121 individuals in 3 subplots each.

Interestingly though the numbers of tree individuals were far less, 6 of these species (*Acacia auriculiformis* -39 trees, *Azadirachta indica* - 21 trees, *Cassia siamea* -32 trees, *Lannea coromandelica* -29 trees, *Pterocarpus marsupium* - 44 trees and *Syzygium jambolanum* - 21 trees) occurred in all the 5 subplots.

The maximum number of species was seen to occur in subplots 10 and 9 with 25 and 24 species respectively as well as contributing to highest number of individuals (*Tectona grandis* -110 individuals and *Madhuca latifolia*- 109 individuals) and (*Tectona grandis*- 97 individuals and *Eucalyptus globulus* -99 individuals) respectively among the five subplots.

The six species (*Acacia auriculiformis, Azadirachta indica, Cassia siamea, Lannea coromandelica,*

Pterocarpus marsupium and *Syzygium jambolanum*) that occurred in all the subplots had a 100% frequency, followed by *Albizia lebbeck, Bridelia retusa, Gmelia arborea, Morinda tomentosa, Shorea robusta, Tectona grandis* and *Terminalia arjuna* all with 80% frequency occurring in 4 subplots.

Sixteen species that occurred in only one of the subplots had frequency of 20% being the lowest, while the remaining eight species had a frequency of 40 to 60%.

Tectona grandis, revealed the highest density (54 per ha), abundance (67.50) and also IVI (54.95), followed by *Madhuca latifolia* with a density of 28.60 per ha, an abundance of 47.67 and IVI = 34.10 and *Eucalyptus hybrida* - density (24.20 per ha) abundance (40.33) and IVI = 29.33.

The plot at Arabari revealed a high Simpson's Diversity Index (0.87) and Shannon's Diversity Index (2.59) indicative of the high species richness as seen in the number of tree species (37 species) being diverse (richness and evenness). According to Simpson's Diversity Index there is a chance of 87% that 2 individuals selected at random from this plot would be from different tree species.

Eucalyptus globulus was recorded as the tallest tree with a height of 26.73 m and a maximum GBH of 163.50 cm (subplot-10) and *Morinda tomentosa* was recorded as the shortest tree with a height of 3.05m and GBH of 43.18 cm (subplot-9) (Table: 20).

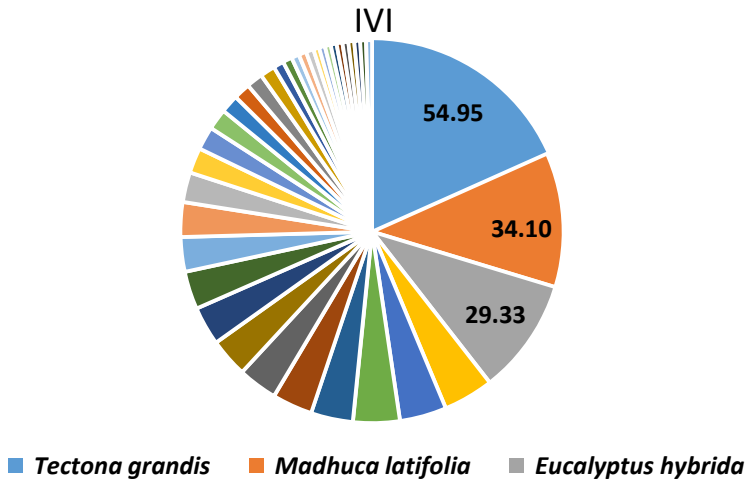


Figure 13: IVI Values of Dominant Tree Species in Arabari

Table 20: Average Height and GBH of trees at all the subplots in Arabari

Sl. No.	Scientific Names	SP9		SP 10		SP 7		SP 5		SP 3	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia auriculiformis*	10.83	73.66	16.76	89.32	12.80	82.80	15.24	99.06	14.02	107.87
2	*Adina cordifolia*	11.43	69.85								
3	*Aegle mermalos*			18.29	127.00						
4	*Albizia lebbeck*			12.19	83.82	12.91	101.60	11.43	81.28	18.29	121.92
5	*Alstonia scholaris*	21.34	134.62	19.30	126.15	13.72	203.20				
6	*Anogeissus latifolia*			7.62	40.64						
7	*Azadirachta indica*	12.19	73.66	6.10	45.72	9.14	71.54	8.76	75.57	8.84	68.58
8	*Bombax ceiba*			16.76	73.66						
9	*Bridelia retusa*	9.28	63.73	14.89	86.75	8.61	81.28			12.19	76.20
10	*Cassia fistula*	12.19	96.52								
11	*Dalbargia latifolia*					10.67	63.50				
12	*Eucalyptus hybrida*	20.86	100.93	26.73	163.15	16.15	88.90				
13	*Gmelina arborea*	6.40	50.29	13.99	68.85	11.68	61.81			12.70	84.67
14	*Holarrhena antidysenterica*	9.14	71.76	8.38	43.82	6.86	60.96				
15	*Holoptelea integrifolia*			15.24	82.01						
16	*Lagerostromia parviflora*	16.76	88.90	21.34	139.70					15.24	152.40
17	*Lannea coromandelica*	9.14	61.60	13.06	75.47	11.18	97.37	5.79	27.94	9.14	68.16
18	*Litsea glutinosa*									10.67	63.50
19	*Madhuca latifolia*	10.33	71.12	14.48	76.34	10.99	92.55				
20	*Mitragyna parviflora*									8.95	51.12
21	*Morinda tomentosa*	3.05	43.18	9.65	55.03	4.72	56.52	7.62	91.44		
22	*Naringi crenulata*			4.57	45.72						
23	*Peltophorum pterocarpum*	16.76	218.44	17.57	118.18						
24	*Pterocarpus marsupium*	10.81	67.43	19.64	90.50	15.95	86.36	12.95	44.45	7.62	45.72
25	*Sapindus trifoliatus*	9.14	55.88								
26	*Semecarpus anacardium*	12.19	71.12								
27	*Senna siamea*	14.48	112.40	18.72	114.30	11.97	102.99	13.72	106.68	13.59	104.65
28	*Shorea robusta*	13.16	74.02	13.11	69.60			9.14	60.96	9.14	33.87
29	*Streblus asper*			10.67	59.69						
30	*Strichnos nux-vomica*					9.14	73.66	12.19	91.44		
31	*Syzygium jambolanum*	11.58	82.55	9.14	78.74	6.10	58.42	7.62	53.34	8.27	80.19
32	*Tamarindus indica*	12.19	81.28								
33	*Tectona grandis*	10.84	69.42	14.57	69.60	10.66	71.61	9.14	60.96		
34	*Terminalia arjuna*	12.19	78.74			11.22	84.63	11.76	91.44	18.29	114.30
35	*Terminalia bellirica*	11.76	71.22	16.21	77.12	13.21	95.67				
36	*Terminalia tomentosa*					9.14	66.04				
37	*Trema orientalis*									12.19	88.90

Table 21: Documentation of Shrub species (including tree saplings) in all the Subplots in Arabari

Sl No	Shrub Species	Common name	Sp10	Sp9	Sp7	Sp5	Sp3	Total
1	*Cassia sophera*		37				39	**76**
2	*Clerodendrum infortunatum*	Ghentu/Vant	48	103				**151**
3	*Dalbergia lanceolaria*				4			**4**
4	*Flacourtia indica*	Choto Boichi	87	130	97	118		**432**
5	*Lantana camara*	Putus					22	**22**
6	*Rubus flagellaris*		57					**57**
7	*Urena lobata*						32	**32**
8	*Woodfordia fruticosa*	Dhatki/Bon Jhati				150	203	**353**
9	*Ziziphus oenoplia*	Sia Kul	115	152	37	72	42	**418**
Total			**344**	**385**	**138**	**340**	**338**	**1545**

Table 22: Statistical analysis of all the Shrub Species (including tree saplings) in Arabari

Sl No	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cassia sophera*	76	40	10.53	60.80	4.92	38.00	6.37	21.81	**0.78**	**1.70**
2	*Clerodendrum infortunatum*	151	40	10.53	120.80	9.77	75.50	12.66	32.95		
3	*Dalbergia lanceolaria*	4	20	5.26	3.20	0.26	4.00	0.67	6.19		
4	*Flacourtia indica*	432	80	21.05	345.60	27.96	108.00	18.10	67.12		
5	*Lantana camara*	22	20	5.26	17.60	1.42	22.00	3.69	10.37		
6	*Rubus flagellaris*	57	20	5.26	45.60	3.69	57.00	9.55	18.51		
7	*Urena lobata*	32	20	5.26	25.60	2.07	32.00	5.36	12.70		
8	*Woodfordia fruticosa*	353	40	10.53	282.40	22.85	176.50	29.58	62.96		
9	*Ziziphus oenoplia*	418	100	26.32	334.40	27.06	83.60	14.01	67.38		

b. Shrub Species:

A total of 1545 shrubs belonging to 9 species were documented from this permanent plot at Arabari.

The shrub vegetation was dominated by *Flacourtia indica* documenting 432 individuals (IVI = 67.12), *Ziziphus oenoplia* with 418 individuals (IVI = 67.38*), Woodfordia fruticosa* recording 353 individuals (IVI = 62.96) *and Clerodendrum infortunatum* with 151 individuals (IVI = 32.95). *Dalbergia lanceolaria* occurred least as only 4 individuals and that too in only one of the 5 subplots.

The second most dominant species *Ziziphus oenoplia* was found in all the 5 subplots with the highest frequency of 100% unlike the most dominant species *Flacourtia indica* which had 80% frequency occurred in 4 of the 5 subplots. Interestingly the third and fourth dominant species *Woodfordia fruticose* and *Clerodendrum infortunatum* respectively were found in only two of the 5 subplots.

The species *Dalbergia lanceolaria, Lantana camara, Rubus flagellaris* and *Urena lobata* were found to have the least frequency (20%) and documented from a single subplot.

The Simpson's Diversity Index (0.78) and Shannon's Diversity Index (1.70) of shrub species indicated that the plot is moderately diverse (richness and evenness). Simpson's Diversity index also explains that there is 78% chance that 2 individuals selected at random from this plot would be from different shrub species.

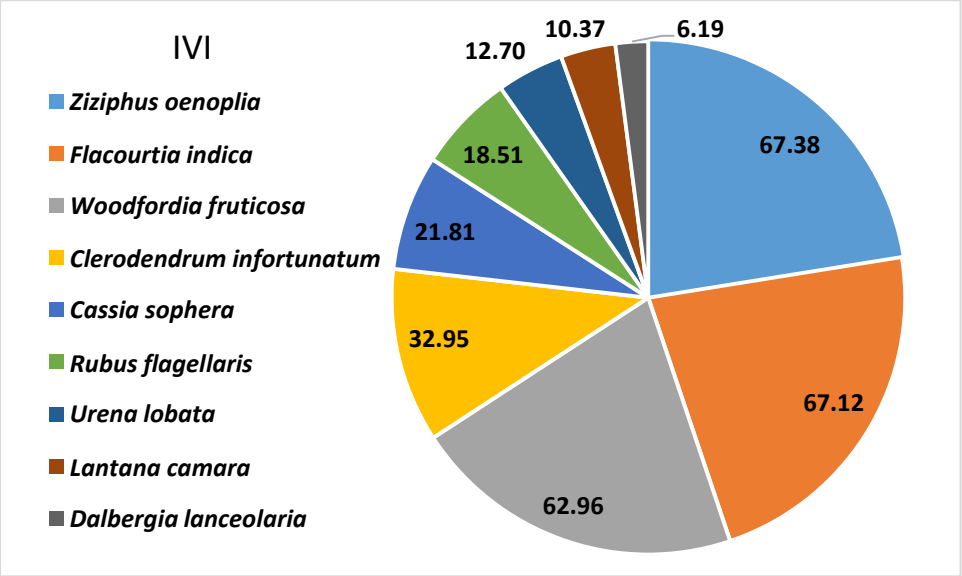


Figure 14: IVI Values of Dominant Shrubs (including tree saplings) in Arabari

Table 23: Documentation of Liana species in all the Subplots in Arabari

Sl. No.	Liana Species	Common name	Sp10	Sp9	Sp7	Sp5	Sp3	Total
1	*Ampelocissus latifolia*	Bon Angur			5	34	21	**60**
2	*Dioscorea bulbifera*	Kappu	41	18	27	44		**130**
3	*Dioscorea esculenta*	Chupri alu	33	12	32	59	11	**147**
4	*Ichnocarpus frutescens*	Dudhi Lata					43	**43**
5	*Smilax zeylanica*	Ram Dantan			9	32	19	**60**
6	*Stephania hernandifolia*		42	86	19	47		**194**
7	*Tinospora cordifolia*	Gulancha					3	**3**
Total			**116**	**116**	**92**	**216**	**97**	**637**

Table 24: Statistical analysis of all the Liana species in Arabari

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampelocissus latifolia*	60	60	14.29	48	9.42	20	10.18	33.89	**0.79**	**1.67**
2	*Dioscorea bulbifera*	130	80	19.05	104	20.4	32.5	16.55	56.00		
3	*Dioscorea esculenta*	147	100	23.81	117.6	23.1	29.4	14.97	61.86		
4	*Ichnocarpus frutescens*	43	20	4.76	34.4	6.75	43	21.89	33.41		
5	*Smilax zeylanica*	60	60	14.29	48	9.42	20	10.18	33.89		
6	*Stephania hernandifolia*	194	80	19.05	155.2	30.5	48.5	24.69	74.20		
7	*Tinospora cordifolia*	3	20	4.76	2.4	0.47	3	1.527	6.76		

c. Liana Species:

At Arabari 637 liana individuals under 7 species were documented from the permanent plot.

The vegetation was dominated by *Stephania hernandifolia* (IVI = 74.20) documenting the highest of 194 individuals, followed by *Dioscorea esculenta* (IVI = 61.86) with 147 individuals and *Dioscorea bulbifera* (IVI = 56.00) recording 130 individuals.

The co-dominant species were *Ampelocissus latifolia* (60 individuals; IVI = 33.89), *Smilax zeylanica* (60 individuals; IVI = 33.89) and *Ichnocarpus frutescens* (43 individuals; IVI = 33.41). *Tinospora cordifolia* occurred least (20% frequency) with only 3 individuals and that too in only one of the 5 subplots.

Dioscorea esculenta was the only liana species that was found in all the 5 subplots with the highest frequency of 100%. The species other than *Tinospora cordifolia* found to have the least frequency (20%) and documented only from a single subplot was *Ichnocarpus frutescens* but with 43 individuals.

The high Simpson's Diversity Index (0.79) and moderate Shannon's Diversity Index (1.67) indicated moderate richness and evenness of liana species. Simpson's Diversity index also explains that there is 79% chance that 2 individuals selected at random from this plot would be from different liana species.

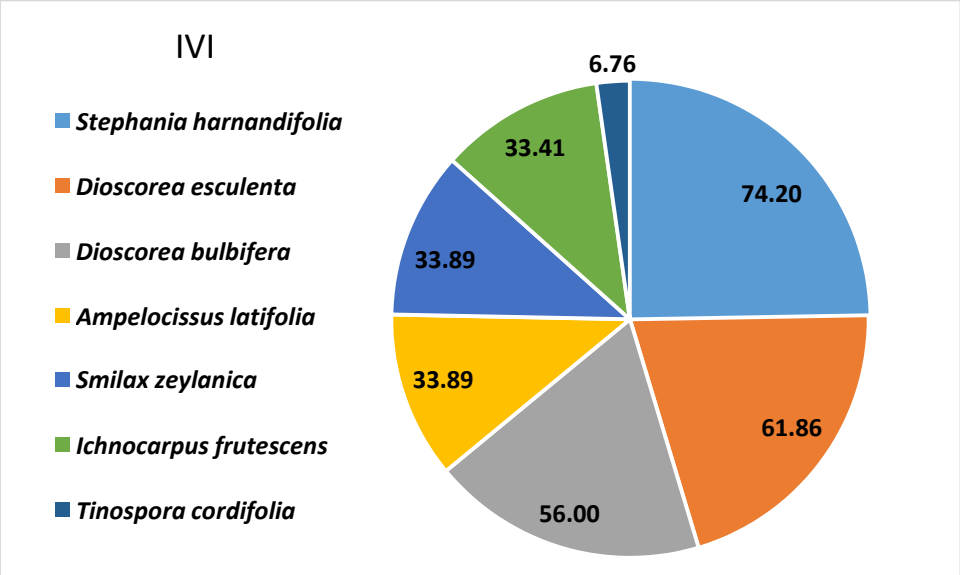


Figure 15: IVI Values of Dominant Liana species in Arabari

Table 25: Documentation of all Herb species in all the nested Subplots in Arabari

Sl. No.	Herb Species	Common name	Sp10	Sp9	Sp7	Sp5	Sp3	Total
1	*Amaranthus viridis*	Bon notey		14				**14**
2	*Andrographis paniculata*	Kalmegh	20	13		80	28	**141**
3	*Anisomeles ovata*	Gopali			8			**8**
4	*Cheilanthes tenuifolia*	Durga Jhapi			44	4		**48**
5	*Chromolaena odorata*	Bhabri/Bon Mara	46	42	34	31	20	**173**
6	*Commelina benghalensis*			325				**325**
7	*Curculigo orchioides*	Talmuli	5				9	**14**
8	*Elephantropus scaber*		12	10		8		**30**
9	*Evolvulus nummularius*		67	90	39	36		**232**
10	*Hemidesmus indicus*	Anantamul		35	25			**60**
11	*Hybanthus enneaspermus*			20				**20**
12	*Lindernia ciliata*				21	21		**42**
13	*Mimosa pudica*	Lojjabati					35	**35**
14	*Oldenlandia corymbosa*		39		22			**61**
15	*Phyllanthus niruri*	Vui Amla	160	8		67		**235**
16	*Sida acuta*	Berela	25					**25**
17	*Spermacoce hispida*		177	132	56	91	105	**561**
Total			**551**	**689**	**249**	**338**	**197**	**2024**

Table 26: Statistical analysis of all the Herb Species in Arabari

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Amaranthus viridis*	14	20	2.5	280	0.69	14.00	1.61	4.80	**0.86**	**2.25**
2	*Andrographis paniculata*	141	80	10	2820	6.97	35.25	4.06	21.03		
3	*Anisomeles ovata*	8	20	2.5	160	0.40	8.00	0.92	3.82		
4	*Cheilanthes tenuifolia*	48	40	5	960	2.37	24.00	2.77	10.14		
5	*Chromolaena odorata*	173	100	12.5	3460	8.55	34.60	3.99	25.03		
6	*Commelina benghalensis*	325	20	2.5	6500	16.06	325.00	37.45	56.00		
7	*Curculigo orchioides*	14	40	5	280	0.69	7.00	0.81	6.50		
8	*Elephantropus scaber*	30	60	7.5	600	1.48	10.00	1.15	10.13		
9	*Evolvulus nummularius*	232	80	10	4640	11.46	58.00	6.68	28.15		
10	*Hemidesmus indicus*	60	40	5	1200	2.96	30.00	3.46	11.42		
11	*Hybanthus enneaspermus*	20	20	2.5	400	0.99	20.00	2.30	5.79		
12	*Lindernia ciliata*	42	40	5	840	2.08	21.00	2.42	9.49		
13	*Mimosa pudica*	35	20	2.5	700	1.73	35.00	4.03	8.26		
14	*Oldenlandia corymbosa*	61	40	5	1220	3.01	30.50	3.51	11.53		
15	*Phyllanthus niruri*	235	60	7.5	4700	11.61	78.33	9.03	28.14		
16	*Sida acuta*	25	20	2.5	500	1.24	25.00	2.88	6.62		
17	*Spermacoce hispida*	561	100	12.5	11220	27.72	112.20	12.93	53.15		

d. Herb Species:

A total of 2024 individuals belonging to 17 herbaceous species were documented from this permanent plot.

The vegetation was dominated by *Commelina benghalensis* (IVI = 56.00), *Spermacoce hispida* (IVI = 53.15), *Evolvulus nummularius* (IVI = 28.15), *Phyllanthus niruri* (IVI = 28.14), *Chromolaena odorata* (IVI = 25.03) and *Andrographis paniculata* (IVI = 21.03). Maximum individuals were contributed by *Spermacoce hispida* (561) followed by *Commelina benghalensis* (325), *Phyllanthus niruri* (235) and *Evolvulus nummularius* (232).

The highest frequent (100%) species *Chromolaena odorata* and *Spermacoce hispida* were found in all the subplots. *Amaranthus viridis, Anisomeles ovata, Commelina benghalensis, Hybanthus enneaspermus, Mimosa pudica* and *Sida acuta* were found to be least frequent (20%) and documented only from a single subplot.

The Simpson's Diversity index (0.86) and Shannon's Diversity Index (2.25) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 86% chance that 2 individuals selected at random from this plot would be from different herb species.

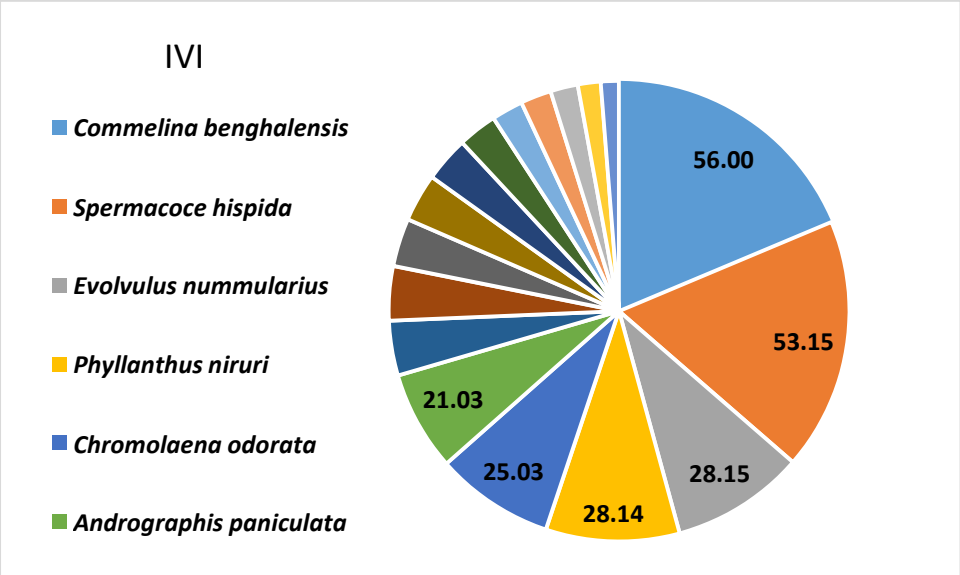


Figure 16: IVI Values of Dominant Herb Species in Arabari

Table 27: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Arabari

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp10	Sp9	Sp7	Sp5	Sp3	Total
1	*Cajanus scrabareoides*	Kurthi			5	18		23
2	*Hemidesmus indicus*	Anantamul		35	25			60
3	*Lygodium flexuosum*		7			11		18
Total			**7**	**35**	**30**	**29**		**101**

Table 28: Statistical analysis of all the Scrambler, creeper and twiner species in Arabari

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cajanus scrabareoides*	23	40	33.33	460	22.77	11.50	22.77	78.88	**0.57**	**0.95**
2	*Hemidesmus indicus*	60	40	33.33	1200	59.41	30.00	59.41	152.15		
3	*Lygodium flexuosum*	18	40	33.33	360	17.82	9.00	17.82	68.98		

e. Scrambler, creeper and twiner species:

101 individuals under 3 scrambler, creeper and twiner species were documented from this permanent plot.

The vegetation was dominated by *Hemidesmus indicus* (IVI = 152.15) with a maximum number of 60 individuals.

All three species occurred in at least two of the nested subplots and hence recorded a 40% frequency.

The Simpson's Diversity index (0.57) and Shannon's Diversity Index (0.95) indicated less diversity with low richness and evenness of climber species. Simpson's Diversity index also explains that there is 57% chance that 2 individuals selected at random from this plot would be from different climber species.

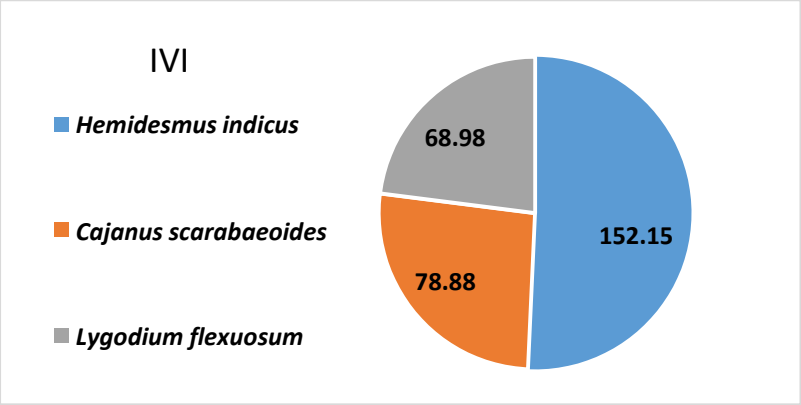


Figure 17: IVI Values of Dominant Scrambler, creeper and twiner species in Arabari

6.2.4. Inventory of Associated Bird Species

During our field trip 19 species of birds were documented in the selected subplots including some rare ones like Small Buttonquail and Black Naped Oriole. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds outside the selected plot were also documented and marked with GPS (Annexure 3).

Table 29: All Bird species documented in Arabari Subplot wise

Sl. No.	Common name	Scientific name	IUCN status	Subplot
1	Black hooded oriole	*Oriolus xanthornus*	LC	10, 8
2	Black Naped Oriole	*Oriolus chinensis*	LC	Outside of the plot
3	Common Buzzard	*Buteo buteo*	LC	8
4	Common Iora	*Aegithina tiphia*	LC	1
5	Common Tailor Bird	*Orthotomus sutorius*	LC	1, 10
6	Common Wood Shrike	*Tephrodornis pondicerianus*	LC	1
7	Green Bee Eater	*Merops orientalis*	LC	1, 9
8	Jerdon's Leaf Bird	*Chloropsis jerdoni*	LC	Adjacent area to the plot
9	Jungle babbler	*Turdoides striata*	LC	8, 10
10	Large Cuckoo Shrike	*Coracina macei*	LC	8
11	Paradise Flycatcher	*Terpsiphone paradisi*	LC	1
12	Purple Rumped Sunbird	*Leptocoma zeylonica*	LC	1, 8
13	Red Whiskered Bulbul	*Pycnonotus jocosus*	LC	1
14	Rose Ringed Parakeet	*Psittacula krameri*	LC	8
15	Rufous Treepie	*Dendrocitta vagabunda*	LC	8
16	Shikra	*Accipiter badius*	LC	10
17	Small Buttonquail	*Turnix sylvaticus*	LC	Outside of the plot
18	Small Minivet	*Pericrocotus cinnamomeus*	LC	9, 10
19	Spotted dove	*Spilopelia chinensis*	LC	1, 9

6.3. PERMANENT PLOT: KANKRAJHORE

6.3.1. NAME AND LOCATION OF THE AREA

- District: Jhargram
- Division: Jhargram
- Range: Bhulaveda
- Beat: Kankrajhore
- Mouza: Jabla

Third field trip was undertaken during 3rd to 6th November, 2020 in Kankrajhore under Bhulaveda Range of Jhargram Forest Division, South West Bengal.

Kankrajhore lies between 22.754873 Latitude and 86.6295573 Longitude in Jhargram District of West Bengal. Surrounded by ancient sal, teak, mahua and kendu forests, the picturesque hamlet is a perfect getaway. The natural beauty surrounding Kankrajhore is breath-taking, with the Mayurjharna Hills, home to peacocks, deer, bears and rabbits, forming a picture-postcard backdrop. The Ketki spring, bordering Jharkhand State is also quite close and one can just sit here the entire day, watching migratory birds and splashing in the still blue waters.

Figure 18: Permanent plot selected at Kankrajhore

6.3.2. Ground survey:

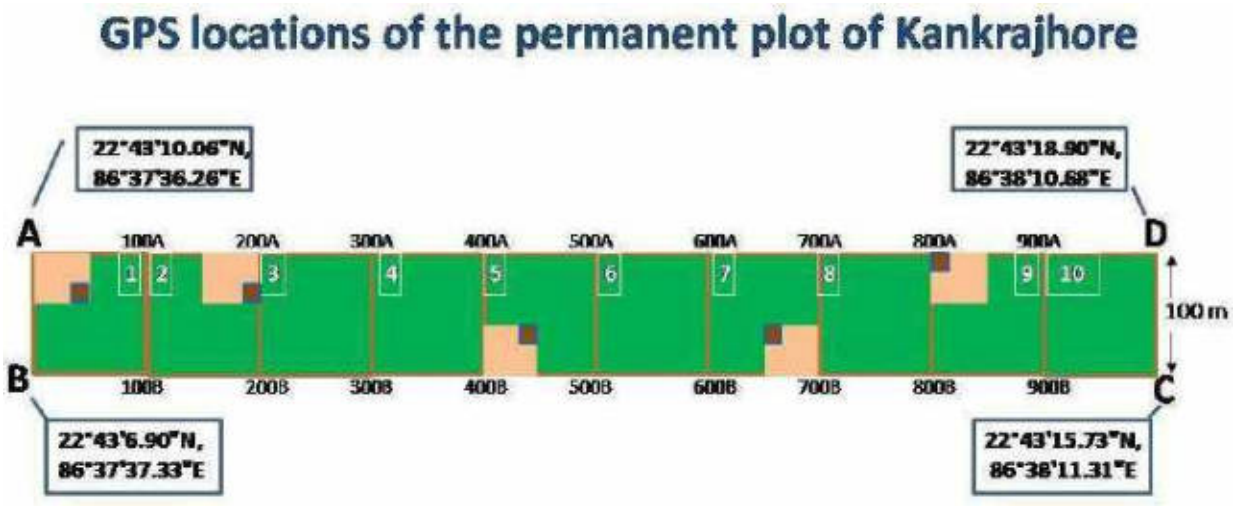


Figure 19: GPS location of the plot with schematic diagram of chosen subplots in Kankrajhore

Table 30: Latitude / Longitude of all the Subplots in Kankrajhore

Subplot points	Latitude	Longitude	Tree Name
100 A	22°43'11.19"N	86°37'39.79"E	Sal
100 B	22°43'7.76"N	86°37'40.91"E	Sal
200 A	22°43'11.97"N	86°37'43.41"E	
200 B	22°43'8.72"N	86°37'43.84"E	Sal
300 A	22°43'12.76"N	86°37'46.85"E	
300 B	22°43'9.69"N	86°37'47.14"E	Sal
400 A	22°43'13.66"N	86°37'49.94"E	
400 B	22°43'10.27"N	86°37'50.48"E	Kumbhi
500 A	22°43'14.40"N	86°37'53.40"E	
500 B	22°43'11.34"N	86°37'54.61"E	
600 A	22°43'15.25"N	86°37'57.29"E	
600 B	22°43'12.06"N	86°37'57.72"E	Sal
700 A	22°43'16.09"N	86°38'0.46"E	Sal
700 B	22°43'12.84"N	86°38'1.14"E	
800 A	22°43'17.13"N	86°38'3.84"E	Sal
800 B	22°43'14.03"N	86°38'4.56"E	
900 A	22°43'18.03"N	86°38'7.15"E	Sal
900 B	22°43'14.79"N	86°38'7.94"E	

Table 31: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Kankrajhore

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	22°43'10.68"N	86°37'38.42"E	22°43'9.24"N	86°37'38.66"E
	50b	22°43'9.12"N	86°37'38.90"E		
	50c	22°43'8.57"N	86°37'37.14"E		
Subplot 2	50a	22°43'11.57"N	86°37'41.84"E	22°43'10.44"N	86°37'43.38"E
	50b	22°43'9.92"N	86°37'42.13"E		
	50c	22°43'10.33"N	86°37'43.66"E		
Subplot 5	50a	22°43'11.89"N	86°37'50.24"E	22°43'12.17"N	86°37'51.73"E
	50b	22°43'12.32"N	86°37'52.02"E		
	50c	22°43'10.83"N	86°37'52.24"E		
Subplot 7	50a	22°43'14.65"N	86°38'0.75"E	22°43'14.02"N	86°37'59.23"E
	50b	22°43'14.02"N	86°37'59.00"E		
	50c	22°43'12.49"N	86°37'59.40"E		
Subplot 9	50a	22°43'17.48"N	86°38'5.56"E	22°43'17.00"N	86°38'3.96"E
	50b	22°43'15.92"N	86°38'5.87"E		
	50c	22°43'15.63"N	86°38'4.21"E		

6.3.3. Inventorization of Flora

Table 32: Documentation of all tree species in all the Subplots in Kankrajhore

Sl. No.	Tree Species	Common name	Sp1	Sp5	Sp9	Sp7	Sp2	Total
1	*Adina cordifolia*	Korom/Holdu	2	2	1		4	**9**
2	*Albizia lebbeck*	Sada Sirish	2	3	1	1	2	**9**
3	*Anogeissus latifolia*	Dhaw	2	14	19	2	13	**50**
4	*Bauhinia purpurea*	Kanchan					1	**1**
5	*Bridelia retusa*	Kosai			2			**2**
6	*Buchanania lanzan*	Piyal	44	35	33	20	103	**235**
7	*Careya arborea*	Astha/Kumbhi	9	3			3	**15**
8	*Cassia fistula*	Sonalu			1		4	**5**
9	*Cleistanthus collinus*	Parasi		17	86	7	7	**117**
10	*Cordia myxa*	Baharkuri			3			**3**
11	*Dalbargia sissoo*	Sissoo			1			**1**
12	*Diospyros excelsa*	Kendu	26	9	32	17	45	**129**
13	*Erythrina indica*	Vurkund		1				**1**
14	*Flacourtia indica*	Choto Boichi				1		**1**
15	*Gardenia latifolia*	Dombhurru				1	1	**2**
16	*Gmelia arborea*	Gamar		2	2			**4**
17	*Holarrhena antidysenterica*	Kurchi	1	2			2	**5**
18	*Ixora arborea*	Loha Jangi	3				7	**10**
19	*Lagerstroemia parviflora*	Sidha	8		4	1	11	**24**
20	*Lannea coromandelica*	Geol	49	6	8	3	24	**90**

21	*Madhuca latifolia*	Mahua	11	14	51	28	13	**117**
22	*Mangifera indica*	Aam					1	**1**
23	*Mitragyna parviflora*	Keli Kadam	1	1	5			**7**
24	*Ougeinia oojeinensis*	Panjan		1	1		5	**7**
25	*Phyllanthus embelica*	Amloki		1				**1**
26	*Pterocarpus marsupium*	Murga		1		1	1	**3**
27	*Semecarpas anacardium*	Vella	19	13	40	15	27	**114**
28	*Shorea robusta*	Sal	312	305	675	166	395	**1853**
29	*Soymida febrifuga*	Rahara	10	17	34	26	69	**156**
30	*Syzygium jambolanum*	Jam			2		3	**5**
31	*Terminalia bellirica*	Bahera	4	4	2	5	1	**16**
32	*Terminalia chebula*	Haritaki	6	5	12	1	6	**30**
33	*Terminalia tomentosa*	Asan	18	44	93	13	61	**229**
34	*Trewia nudiflora*	Petali					6	**6**
	Total		**527**	**500**	**1108**	**308**	**815**	**3258**

Table 33: Statistical analysis of all the Tree Species in Kankrajhore

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	9	80	3.77	1.80	0.28	2.25	0.33	4.38	**0.66**	**1.78**
2	*Albizia lebbeck*	9	100	4.72	1.80	0.28	1.80	0.26	5.26		
3	*Anogeissus latifolia*	50	100	4.72	10.00	1.53	10.00	1.46	7.71		
4	*Bauhinia purpurea*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
5	*Bridelia retusa*	2	20	0.94	0.40	0.06	2.00	0.29	1.30		
6	*Buchanania lanzan*	235	100	4.72	47.00	7.21	47.00	6.86	18.79		
7	*Careya arborea*	15	60	2.83	3.00	0.46	5.00	0.73	4.02		
8	*Cassia fistula*	5	40	1.89	1.00	0.15	2.50	0.36	2.40		
9	*Cleistanthus collinus*	117	80	3.77	23.40	3.59	29.25	4.27	11.63		
10	*Cordia myxa*	3	20	0.94	0.60	0.09	3.00	0.44	1.47		
11	*Dalbargia sissoo*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
12	*Diospyros excelsa*	129	100	4.72	25.80	3.96	25.80	3.76	12.44		
13	*Erythrina indica*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
14	*Flacourtia indica*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
15	*Gardenia latifolia*	2	40	1.89	0.40	0.06	1.00	0.15	2.09		
16	*Gmelia arborea*	4	40	1.89	0.80	0.12	2.00	0.29	2.30		
17	*Holarrhena antidysenterica*	5	60	2.83	1.00	0.15	1.67	0.24	3.23		
18	*Ixora arborea*	10	40	1.89	2.00	0.31	5.00	0.73	2.92		
19	*Lagerstroemia parviflora*	24	80	3.77	4.80	0.74	6.00	0.88	5.39		
20	*Lannea coromandelica*	90	100	4.72	18.00	2.76	18.00	2.63	10.11		
21	*Madhuca latifolia*	117	100	4.72	23.40	3.59	23.40	3.41	11.72		
22	*Mangifera indica*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
23	*Mitragyna parviflora*	7	60	2.83	1.40	0.21	2.33	0.34	3.39		
24	*Ougeinia oojeinensis*	7	60	2.83	1.40	0.21	2.33	0.34	3.39		
25	*Phyllanthus embelica*	1	20	0.94	0.20	0.03	1.00	0.15	1.12		
26	*Pterocarpus marsupium*	3	60	2.83	0.60	0.09	1.00	0.15	3.07		

27	*Semecarpas anacardium*	114	100	4.72	22.80	3.5	22.80	3.33	11.54
28	*Shorea robusta*	1853	100	4.72	370.60	56.9	370.60	54.07	115.66
29	*Soymida febrifuga*	156	100	4.72	31.20	4.79	31.20	4.55	14.06
30	*Syzygium jambolanum*	5	40	1.89	1.00	0.15	2.50	0.36	2.40
31	*Terminalia bellirica*	16	100	4.72	3.20	0.49	3.20	0.47	5.67
32	*Terminalia chebula*	30	100	4.72	6.00	0.92	6.00	0.88	6.51
33	*Terminalia tomentosa*	229	100	4.72	45.80	7.03	45.80	6.68	18.43
34	*Trewia nudiflora*	6	20	0.94	1.20	0.18	6.00	0.88	2.00

a. Tree Species:

A total number of 3258 individual trees were documented from this permanent plot having 34 species of trees at Kankrajhore. Here too the vegetation was dominated by *Shorea robusta* (IVI = 115.66), with a highest number of 1863 trees.

Subplot 2 was represented by the maximum number of 26 tree species.

The following species (*Albizia lebbeck, Anogeissus latifolia, Buchanania lanzan, Diospyros excela, Lannea coromandelica, Madhuca latifolia, Semecarpas anacardium, Shorea robusta, Soymida febrifuga, Terminalia bellirica, Terminalia chebula* and *Terminalia tomentosa*) were found though in varying numbers from all the 5 subplots chosen for documentation and hence revealed the highest frequency of 100%, while the least frequency of 20% were seen in those species (*Bauhinia purpurea, Bridelia retusa, Cordia myxa, Dalbargia sissoo, Erythrina indica, Flacourtia indica, Mangifera indica, Phyllanthus embelica* and *Trewia nudiflora*) found in only one of the subplots. Of these *Bauhinia purpurea, Dalbargia sissoo, Erythrina indica, Flacourtia indica, Mangifera indica* and *Phyllanthus embelica* occurred as only one single individual in whichever subplot that they were found.

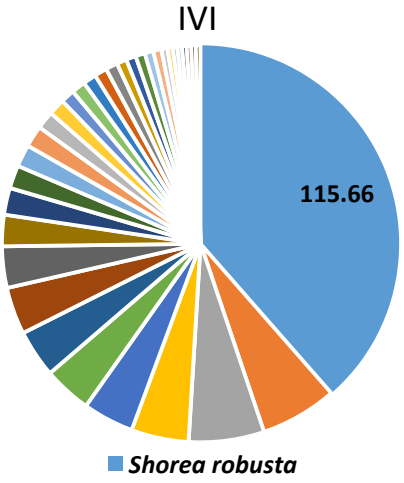


Figure 20: IVI Values of Dominant Tree Species in Kankrajhore

The Simpson's Diversity Index (0.66) and Shannon's Diversity Index (1.78) of tree species indicated that the plot is moderately diverse (richness and evenness). Simpson's Diversity index also explains

that there is 66% chance that 2 individuals selected at random from this plot would be from different tree species.

Dalbargia sissoo was recorded as the tallest tree with a height of 18.90 m and a maximum GBH of 73.66 cm (subplot-9) and *Pterocarpus marsupium* was recorded as the shortest tree with a height of 3.05 m and GBH of 33.02 cm (subplot-2) (Table: 34).

Table 34: Average Height and GBH of trees at all the subplots in Kankrajhore

Sl. No.	Scientific Names	SP1		SP2		SP5		SP7		SP 9	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Adina cordifolia*	5.64	40.64	7.32	29.85	6.55	34.29			4.57	43.18
2	*Albizia lebbeck*	12.19	74.93	11.73	62.23	8.84	39.79	11.58	66.04	9.14	43.18
3	*Anogeissus latifolia*	7.16	31.75	7.41	32.82	10.36	37.92	8.84	35.56	8.90	39.30
4	*Bauhinia purpurea*			3.66	20.32						
5	*Bridelia retusa*									11.73	66.04
6	*Buchanania lanzan*	8.56	42.60	7.86	35.63	8.03	37.01	8.55	36.58	7.80	37.79
7	*Careya arborea*	9.58	43.74	7.52	39.79	9.65	37.25				
8	*Cassia fistula*			7.85	29.21					10.67	50.80
9	*Cleistanthus collinus*			4.96	24.67	6.19	27.79	5.92	27.58	6.06	29.45
10	*Cordia Myxa*									9.65	49.11
11	*Dalbergia sissoo*									18.90	73.66
12	*Diospyros excelsa*	9.50	69.75	7.42	46.91	13.21	94.83	13.63	90.10	14.13	91.12
13	*Erythrina indica*					6.71	30.48				
14	*Flacourtia indica*							8.53	27.94		
15	*Gardenia latifolia*			4.57	25.40			3.96	25.40		
16	*Gmelia arborea*					9.91	33.02			6.40	52.07
17	*Holarrhena antidysenterica*	7.62	27.94	6.10	21.59	6.40	29.21				
18	*Ixora arborea*	5.28	32.17	6.40	34.83						
19	*Lagerstroemia parviflora*	7.58	44.77	6.15	28.63			7.62	25.40	6.48	30.48
20	*Lannea coromandelica*	8.48	45.67	8.12	38.52	9.04	44.87	10.06	44.03	10.33	57.47
21	*Madhuca latifolia*	10.09	61.65	9.38	56.27	9.73	43.54	8.90	42.64	9.11	43.83
22	*Mangifera indica*			6.40	50.80						
23	*Mitragyna parviflora*	6.10	25.40			7.92	25.40			4.51	27.94
24	*Ougeinia oojeinensis*			5.97	28.45	6.10	25.40			6.71	33.02
25	*Phyllanthus embelica*					4.57	25.40				
26	*Pterocarpus marsupium*			3.05	33.02	6.10	25.40	8.53	27.94		
27	*Semecarpas anacardium*	9.16	36.36	7.29	29.82	9.07	39.47	7.80	36.58	8.80	43.12
28	*Shorea robusta*	10.07	50.21	9.49	42.56	9.65	42.80	9.47	43.39	9.66	46.06
29	*Soymida febrifuga*	8.72	40.39	7.57	33.13	8.61	40.94	8.64	40.25	7.16	43.11
30	*Syzygium jambolanum*			8.13	43.18					4.27	33.02
31	*Terminalia bellirica*	8.76	38.10	9.75	35.56	10.74	46.36	11.77	56.39	11.89	57.15
32	*Terminalia chebula*	9.04	49.53	5.79	28.36	8.41	37.59	9.14	30.48	7.65	36.41
33	*Terminalia tomentosa*	8.91	42.05	7.79	33.31	9.30	37.75	8.65	34.00	7.02	41.57
34	*Trewia nudiflora*			5.13	35.98						

Table 35: Documentation of Shrub species (including tree saplings) in all the Subplots in Kankrajhore

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp5	Sp7	Sp9	Total
1	*Carissa spinarum*	Karmedh	41	28		53	52	**174**
2	*Celastrus paniculatus*	Kujuri Lata	20					**20**
3	*Desmodium gangeticum*	Salpani	44					**44**
4	*Flacourtia indica*	Choto Boichi		22	83	69	94	**268**
5	*Gardenia gummifera*	Vurru	50	53	71	82	78	**334**
6	*Hibiscus vitifolius*	Bon Kapas	13		10		7	**30**
7	*Phoenix acaulis*	Kitte	108	83	78	97	187	**553**
8	*Randia spinosa*	Khudi Karhar	28					**28**
9	*Woodfordia fruticosa*	Dhatki	40	74		24		**138**
10	*Ziziphus mauritiana*	Kul		19	2		1	**22**
11	*Ziziphus oenoplia*	Kasi Kul	37	39	1	18	40	**135**
Total			**381**	**318**	**245**	**343**	**459**	**1746**

Table 36: Statistical analysis of all the Shrub Species (including tree saplings) in Kankrajhore

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Carissa spinarum*	174	80	11.43	139.20	9.97	43.50	9.25	30.64	**0.82**	**1.93**
2	*Celastrus paniculatus*	20	20	2.86	16.00	1.15	20.00	4.25	8.26		
3	*Desmodium gangeticum*	44	20	2.86	35.20	2.52	44.00	9.36	14.73		
4	*Flacourtia indica*	268	80	11.43	214.40	15.35	67.00	14.25	41.03		
5	*Gardenia gummifera*	334	100	14.29	267.20	19.13	66.80	14.21	47.62		
6	*Hibiscus vitifolius*	30	60	8.57	24.00	1.72	10.00	2.13	12.42		
7	*Phoenix acaulis*	553	100	14.29	442.40	31.67	110.60	23.52	69.48		
8	*Randia spinosa*	28	20	2.86	22.40	1.60	28.00	5.95	10.42		
9	*Woodfordia fruticosa*	138	60	8.57	110.40	7.90	46.00	9.78	26.26		
10	*Ziziphus mauritiana*	22	60	8.57	17.60	1.26	7.33	1.56	11.39		
11	*Ziziphus oenoplia*	135	100	14.29	108.00	7.73	27.00	5.74	27.76		

b. Shrub Species:

1746 individual shrubs under 11 species were documented from this permanent plot.

The shrub vegetation was dominated by *Phoenix acaulis* (IVI = 69.48), *Gardenia gummifera* (IVI = 47.62), *Flacourtia indica* (IVI = 41.03), *Carissa spinarum* (IVI = 30.64), *Ziziphus oenoplia (*IVI = 27.76) and *Woodfordia fruticosa* (IVI = 26.26).

On similar line maximum number of individuals was contributed by *Phoenix acaulis* (553), *Gardenia gummifera* (334), *Flacourtia indica* (268) *Carissa spinarum* (174), *Ziziphus oenoplia* (135) and *Woodfordia fruticosa* (138).

With highest frequency (100%) *Gardenia gummifera, Ziziphus oenoplia* and *Phoenix acaulis* were found in all the subplots. *Celastrus paniculatus, Desmodium gangeticum* and *Randia spinosa* were found to have least frequency (20%) and documented only from single subplot. *Desmodium*

gangeticum, Hibiscus vitifolius, Randia spinosa, Ziziphus mauritiana and *Celastrus paniculatus* contributed to the shrub vegetation with only 44, 30, 28, 22 and 20 individuals respectively.

The Simpson's Diversity index (0.82) and Shannon's Diversity Index (1.93) indicated that the plot sustained moderate diversity with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 82% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

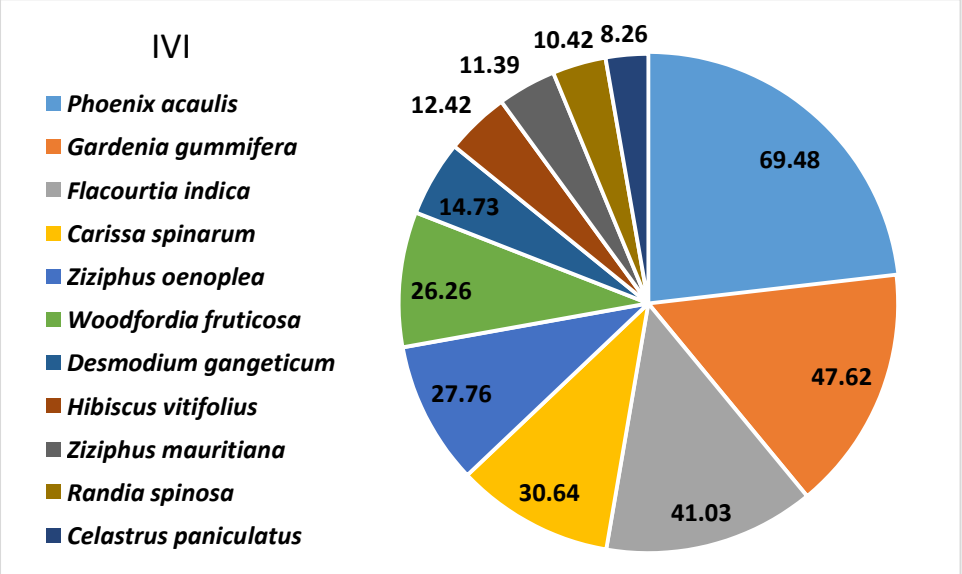


Figure 21: IVI Values of Dominant Shrubs (including tree saplings) in Kankrajhore

Table 37: Documentation of Liana species in all the Subplots in Kankrajhore

Sl. No.	Liana Species	Common name	Sp1	Sp2	Sp5	Sp7	Sp9	Total
1	*Aristolochia indica*	Iswarmul		4				**4**
2	*Ampelocissus latifolia*	Bon Angur/Ghora Ladi	35	9	10	11	67	**132**
3	*Butea superba*	Lot Palash/Chihor	6	6	4			**16**
4	*Dioscorea bulbifera*	Kappu	79	25	27	25	12	**168**
5	*Dioscorea esculenta*	Chupri Alu		15	15	13	72	**115**
6	*Ichnocarpus frutescens*	Dudhi Lata	28					**28**
7	*Smilax zeylanica*	Ram Dantan	26	56	42	36	117	**277**
8	*Stephania hernandifolia*					3		**3**
Total			**174**	**111**	**98**	**88**	**268**	**739**

Table 38: Statistical analysis of all the Liana Species in Kankrajhore

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aristolochia indica*	4	20	4.00	3.20	0.538	4.00	2.168	6.71	**0.75**	**1.60**
2	*Ampelocissus latifolia*	132	100	20.00	105.60	17.77	26.40	14.31	52.08		
3	*Butea superba*	16	60	12.00	12.80	2.153	5.33	2.891	17.04		
4	*Dioscorea bulbifera*	168	100	20.00	134.40	22.61	33.60	18.21	60.82		
5	*Dioscorea esculenta*	115	80	16.00	92.00	15.48	28.75	15.58	47.06		
6	*Ichnocarpus frutescens*	28	20	4.00	22.40	3.769	28.00	15.18	22.95		
7	*Smilax zeylanica*	277	100	20.00	221.60	37.28	55.40	30.03	87.31		
8	*Stephania hernandifolia*	3	20	4.00	2.40	0.404	3.00	1.626	6.03		

c. Liana Species:

A total number of 739 individuals under 8 liana species were documented from this permanent plot.

The liana vegetation was co-dominated by *Smilax zeylanica* (IVI = 87.31), *Dioscorea bulbifera* (IVI = 60.82*), Ampleocissus latifolia* (IVI = 52.08) and *Dioscorea esculenta* (IVI = 47.06). Maximum number of individuals was also contributed by *Smilax zeylanica* (277) and *Dioscorea bulbifera* (168) followed by *Ampelocissus latifolia* (132) and *Dioscorea esculenta (*115).

With highest frequency (100%) *Ampelocissus latifolia, Dioscorea bulbifera* and *Smilax zeylanica* were found in all the subplots. *Aristolochia indica, Ichnocarpus frutescens* and *Stephania hernandifolia* were found to have lowest frequency (20%) and documented only from single subplot. *Aristolochia indica* and *Stephania hernandifolia* contributed to the liana vegetation with only 4 and 3 individuals respectively.

The Simpson's Diversity index (0.75) and Shannon's Diversity Index (1.60) indicated that the plot sustained moderate diversity with lower richness and evenness of liana species. Simpson's Diversity index also explains that there is 75% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

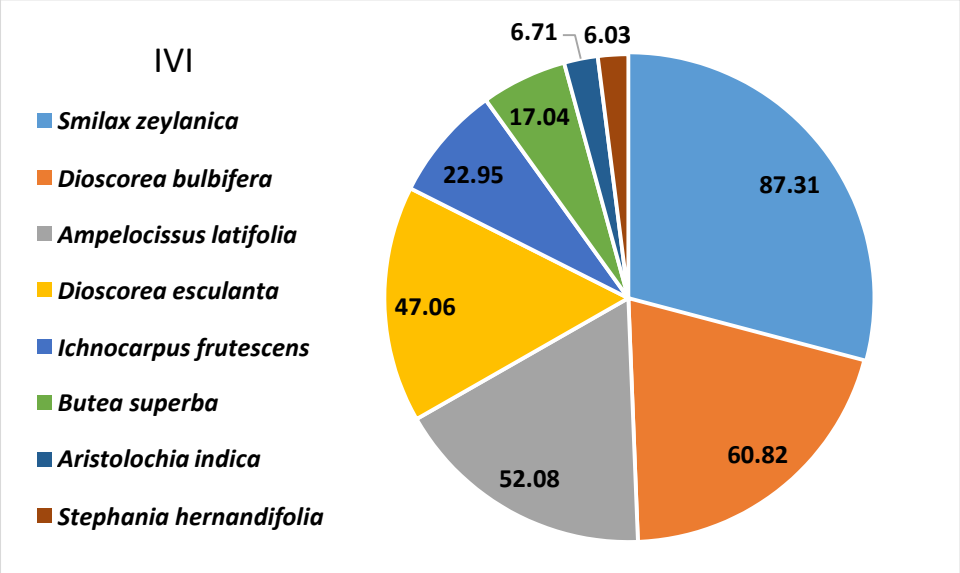


Figure 22: IVI Values of Dominant Liana Species in Kankrajhore

Table 39: Documentation of all Herb species in all the nested Subplots in Kankrajhore

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp5	Sp7	Sp9	Total
1	*Abutilon indicum*	Pitari		10		95	1	**106**
2	*Andrographis paniculata*	Kalmegh		25		216		**241**
3	*Anisomeles ovata*	Gopali				4		**4**
4	*Barleria cristata*	Jhinti	19					**19**
5	*Canscora decussata*		33					**33**
6	*Centratherum anthelminticum*	Bon Somraj	52		4		36	**92**
7	*Cheilanthes tenuifolia*	Durga Jhapi	27					**27**
8	*Chromolaena odorata*	Bhabri			8		2	**10**
9	*Crotalaria prostrata*		22					**22**
10	*Curculigo orchioides*	Talmuli		12	35	52	28	**127**
11	*Curcuma aromatica*	Bon Holud			14		2	**16**
12	*Gynura cusimbua*	Bon Sorisha	15	46		23		**84**
13	*Lindernia ciliata*			47		25		**72**
14	*Oldenlandia corymbosa*		103	63	35	226		**427**
15	*Polygala crotalarioides*	Nilkantha	20					**20**
16	*Spermacoce hispida*			7	56	197	43	**303**
17	*Venda roxberghii*		36					**36**
Total			**327**	**210**	**152**	**838**	**112**	**1639**

Table 40: Statistical analysis of all the Herb Species in Kankrajhore

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abutilon indicum*	106	60	8.33	2120	6.47	35.33	5.53	20.33	**0.86**	**2.26**
2	*Andrographis paniculata*	241	40	5.56	4820	14.70	120.50	18.86	39.12		
3	*Anisomeles ovata*	4	20	2.78	80	0.24	4.00	0.63	3.65		
4	*Barleria cristata*	19	20	2.78	380	1.16	19.00	2.97	6.91		
5	*Canscora decussata*	33	20	2.78	660	2.01	33.00	5.17	9.96		
6	*Centratherum anthelminticum*	92	60	8.33	1840	5.61	30.67	4.80	18.75		
7	*Cheilanthes tenuifolia*	27	20	2.78	540	1.65	27.00	4.23	8.65		
8	*Chromolaena odorata*	10	40	5.56	200	0.61	5.00	0.78	6.95		
9	*Crotalaria prostrata*	22	20	2.78	440	1.34	22.00	3.44	7.56		
10	*Curculigo orchioides*	127	80	11.11	2540	7.75	31.75	4.97	23.83		
11	*Curcuma aromatica*	16	40	5.56	320	0.98	8.00	1.25	7.78		
12	*Gynura cusimbua*	84	60	8.33	1680	5.13	28.00	4.38	17.84		
13	*Lindernia ciliata*	72	40	5.56	1440	4.39	36.00	5.64	15.58		
14	*Oldenlandia corymbosa*	427	80	11.11	8540	26.05	106.75	16.71	53.88		
15	*Polygala crotalarioides*	20	20	2.78	400	1.22	20.00	3.13	7.13		
16	*Spermacoce hispida*	303	80	11.11	6060	18.49	75.75	11.86	41.46		
17	*Venda roxberghii*	36	20	2.78	720	2.20	36.00	5.64	10.61		

d. Herb Species:

1639 individual herbs belonging to 17 herbaceous species were documented from this permanent plot.

The vegetation was dominated by *Oldenlandia corymbosa* (IVI = 53.88), *Spermacoce hispida* (IVI = 41.46), *Andrographis paniculata* (IVI = 39.12), *Curculigo orchioides* (IVI = 23.83) and *Abutilon indicum* (IVI = 20.33). Maximum number of individuals was contributed by *Oldenlandia corymbosa* (427) followed by *Spermacoce hispida* (303), *Andrographis paniculata* (241), *Curculigo orchioides* (127) and *Abutilon indicum* (106).

Not one of these 17 herbaceous species were found to exist in all the five nested subplots and hence didnot show 100% frequency. The next highest frequency (80%) belonged to *Curculigo orchioides, Oldenlandia corymbosa and Spermacoce hispida* which were found in four subplots. *Anisomeles ovata, Barleria cristata, Canscora decussata, Cheilanthes tenuifolia, Crotalaria prostrata, Polygala crotalarioides* and *Venda roxberghii* were observed to have the least frequency (20%) and was documented only from a single subplot. *Anisomeles ovata* contributed to the herbaceous ground vegetation with only 4 individuals.

The Simpson's Diversity index (0.86) and Shannon's Diversity Index (2.26) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 86% chance that 2 individuals selected at random from this plot would be from different herb species.

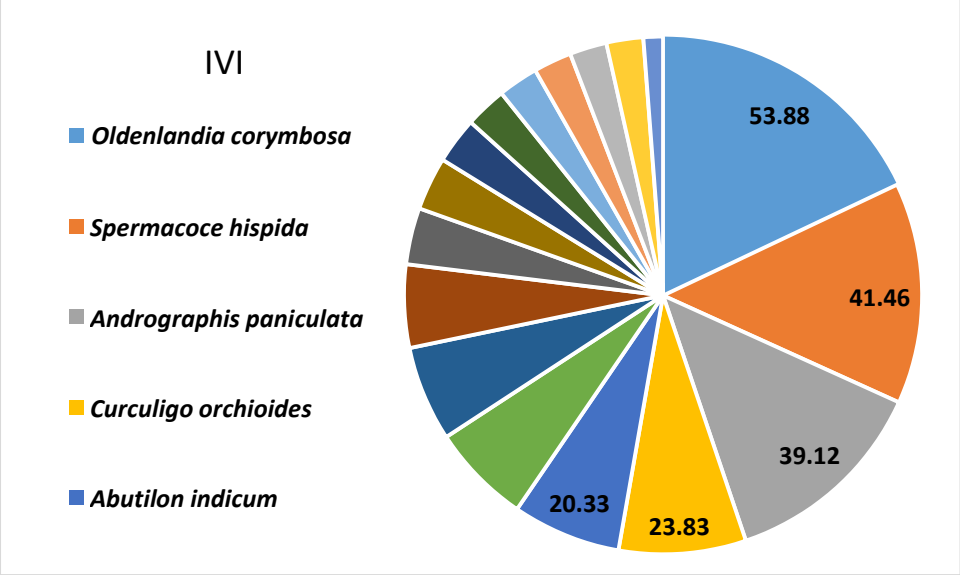


Figure 23: IVI Values of Dominant Herb Species in Kankrajhore

Table 41: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Kankrajhore

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp5	Sp7	Sp9	Total
1	*Asparagus racemosus*	Satamuli	44	3	5	5	6	**63**
2	*Cajanus scrabarioides*	Kurthi	30				8	**38**
3	*Hemidesmus indicus*	Anantamul	60	10	7	61	30	**168**
4	*Lygodium flexuosum*						3	**3**
5	*Rivea hypocrateriformis*	Kinduara			13	4		**17**
6	*Tylophora indica*	Antamul	47		8		4	**59**
Total			**181**	**13**	**33**	**70**	**51**	**348**

Table 42: Statistical analysis of all the Scrambler, creeper and twiner species in Kankrajhore

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	63	100	27.78	1260	18.1	12.60	13.07	58.96	**0.69**	**1.39**
2	*Cajanus scrabarioides*	38	40	11.11	760	10.9	19.00	19.72	41.75		
3	*Hemidesmus indicus*	168	100	27.78	3360	48.3	33.60	34.87	110.92		
4	*Lygodium flexuosum*	3	20	5.56	60	0.86	3.00	3.11	9.53		
5	*Rivea hypocrateriformis*	17	40	11.11	340	4.89	8.50	8.82	24.82		
6	*Tylophora indica*	59	60	16.67	1180	17	19.67	20.41	54.03		

e. Scrambler, creeper and twiner species:

A total of 348 individuals under 6 scrambler, creeper and twiner species were documented from this permanent plot.

The vegetation was mostly dominated by *Hemidesmus indicus* (IVI = 110.92) with the maximum number of 168 individuals.

With maximum frequency (100%) *Asparagus racemosus* and *Hemidesmus indicus* were found in all the subplots, while *Lygodium flexuosum*, having 20% frequency, existed in a single subplot with only 3 individuals.

The Simpson's Diversity index (0.69) and Shannon's Diversity Index (1.39) indicated less diversity with low richness and evenness of climber species. Simpson's Diversity index also explains that there is 69% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

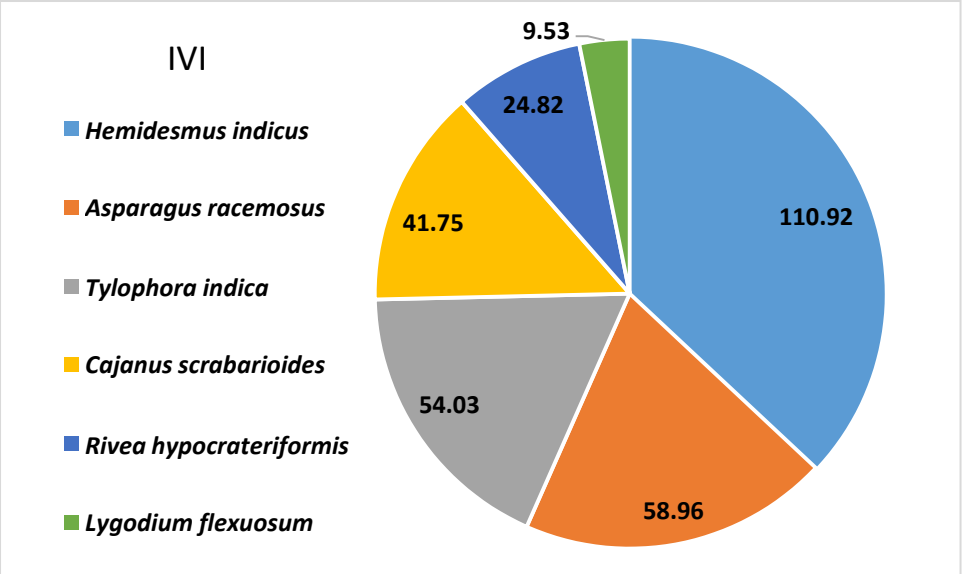


Figure 24: IVI Values of Dominant Scrambler, creeper and twiner species in Kankrajhore

6.3.4. Inventory of Associated Bird Species

During our field trip 8 species of birds were documented in the selected subplots including some IUCN red listed species like Alexandrine Parakeet (NT). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 43: All Bird species documented Subplot wise in Kankrajhore

Sl. No.	Common Name	Scientific name	IUCN Status	Subplots
1	Black Hooded Oriole	*Oriolus xanthornus*	LC	2, 7
2	Alexandrine Parakeet	*Psittacula eupatria*	NT	2
3	Greenish Warbler	*Phylloscopus trochiloides*	LC	2
4	Indian Nightjar	*Caprimulgus asiaticus*	LC	9
5	Purple Rumped Sunbird	*Leptocoma zeylonica*	LC	2
6	Red Vented Bulbul	*Pycnonotus cafer*	LC	2
7	Rose Ringed Parakeet	*Psittacula krameri*	LC	7
8	Spotted Dove	*Spilopelia chinensis*	LC	2

6.4. PERMANENT PLOT: BUNDWAN

6.4.1. NAME AND LOCATION OF THE AREA

- District: Purulia
- Division: Kansavati (S)
- Range: Bundwan-1
- Beat: Bundwan
- Mouza: Popo

Fourth field trip was undertaken during 6th to 10th November, 2020 in Bundwan under Bundwan-1 Range of Kansavati (S) Forest Division, South West Bengal.

Bundwan is located at 22°52′34″N 86°30′25″E in Purulia District, West Bengal. Bundwan is located in the south-eastern part of the district, and is bounded by the on the north, the Ranibandh, in the Bankura district, and the Binpur II, in the Paschim Medinipur district, on the east, the Golmuri-cum-Jugsalai and Ghatshila, in the East Singhbhum district of Jharkhand, on the south and the Patamda, in the East Singhbhum district of Jharkhand, on the west.

Figure 25: Permanent plot selected at Bundwan

6.4.2. Ground survey:

Figure 26: GPS location of the plot with schematic diagram of chosen subplots in Bundwan

Table 44: Latitude / Longitude of all the Subplots in Bundwan

Subplot points	Latitude	Longitude	Tree Name
100 A	22°48'46.75"N	86°31'18.25"E	Saal
100 B	22°48'43.46"N	86°31'18.52"E	Vella
200 A	22°48'46.81"N	86°31'21.63"E	Sal
200 B	22°48'43.69"N	86°31'21.97"E	Sal
300 A	22°48'47.09"N	86°31'25.18"E	Galgali
300 B	22°48'43.78"N	86°31'25.50"E	Sal
400 A	22°48'47.13"N	86°31'28.67"E	Sal
400 B	22°48'44.02"N	86°31'29.04"E	Sal
500 A	22°48'47.42"N	86°31'32.17"E	Sal
500 B	22°48'44.08"N	86°31'32.56"E	Sal
600 A	22°48'47.69"N	86°31'35.64"E	Sal
600 B	22°48'44.35"N	86°31'36.12"E	Sal
700 A	22°48'47.78"N	86°31'39.22"E	Sal
700 B	22°48'44.52"N	86°31'39.50"E	Vella
800 A	22°48'47.98"N	86°31'42.67"E	Sal
800 B	22°48'44.61"N	86°31'43.05"E	Piyal
900 A	22°48'47.91"N	86°31'46.16"E	Sal
900 B	22°48'44.94"N	86°31'46.42"E	

Table 45: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Bundwan

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	**50a**	22°48'45.01"N	86°31'18.31"E	22°48'43.66"N	86°31'17.24"E
	50b	22°48'44.84"N	86°31'16.48"E		
	50c	22°48'43.40"N	86°31'16.89"E		
Subplot 3	**50a**	22°48'44.95"N	86°31'21.88"E	22°48'44.89"N	86°31'22.28"E
	50b	22°48'44.95"N	86°31'23.58"E		
	50c	22°48'43.74"N	86°31'23.57"E		
Subplot 8	**50a**	22°48'46.14"N	86°31'42.89"E	22°48'44.93"N	86°31'42.82"E
	50b	22°48'45.93"N	86°31'41.19"E		
	50c	22°48'44.57"N	86°31'41.24"E		
Subplot 9	**50a**	22°48'47.99"N	86°31'44.46"E	22°48'47.22"N	86°31'43.72"E
	50b	22°48'46.58"N	86°31'44.58"E		
	50c	22°48'46.33"N	86°31'42.91"E		
Subplot 10	**50a**	22°48'48.19"N	86°31'48.06"E	22°48'47.30"N	86°31'49.56"E
	50b	22°48'46.49"N	86°31'48.11"E		
	50c	22°48'46.51"N	86°31'49.87"E		

6.4.3. Inventorization of Flora

Table 46: Documentation of all tree species in all the Subplots in Bundwan

Sl. No.	Tree Species	Common name	Sp10	Sp9	Sp8	Sp3	Sp1	Total
1	*Adina cordifolia*	Korom	1					**1**
2	*Aegle mermalos*	Bel				1		**1**
3	*Albizia lebbeck*	Swet Sirish	5	7	25	24	3	**64**
4	*Anogeissus latifolia*	Dhaw	95	66	106	67	10	**344**
5	*Bridelia retusa*	Bhuans	7	13	2	2		**24**
6	*Buchanania lanzan*	Piyal	120	166	163	134	134	**717**
7	*Cassia fistula*	Bandarlathi			2	1		**3**
8	*Cleistanthus collinus*	Parasi	42	45	62	21	1	**171**
9	*Cochlospermum religiosum*	Galgali	1		2	4	3	**10**
10	*Dillenia indica*	Chalta		1	1	2	4	**8**
11	*Dillenia pentagyna*	Tatari/Bon Chalta	1		1			**2**
12	*Diospyros excelsa*	Kendu	21	29	19	36	29	**134**
13	*Erythrina indica*	Bhurkund		1				**1**
14	*Ficus bengalensis*	Bot				1		**1**
15	*Flacourtia indica*	Choto Boichi	3	5	1	2	3	**14**
16	*Gardenia latifolia*	Dombhurru	4	1	2	2	1	**10**
17	*Holarrhena antidysenterica*	Kurchi	10	9	2	2		**23**
18	*Lagerstroemia parviflora*	Sidha		2	1			**3**
19	*Lannea coromandelica*	Geol	3	14	23	26	42	**108**
20	*Litsea glutinosa*	Leda			1			**1**
21	*Madhuca latifolia*		82	119	92	129	161	**583**

22	*Mitragyna parviflora*	Keli Kadam	1		1	2		**4**
23	*Morinda citrifolia*	Noni/Aach	1	1	1	14	4	**21**
24	*Nyctanthes arbortritis*	Seuli				1	1	**2**
25	*Oroxylum indicum*	Bhaluk Shakti				2		**2**
26	*Ougeinia oojeinensis*	Panjan			1	1		**2**
27	*Phyllanthus embelica*	Amloki	3	1	4	4	2	**14**
28	*Pterocarpus marsupium*	Piyasal	9	2	4	3	1	**19**
29	*Semecarpas anacardium*	Vella	49	29	50	84	76	**288**
30	*Shorea robusta*	Sal	346	512	442	588	607	**2495**
31	*Soymida febrifuga*	Rahara	4	25	15	2	6	**52**
32	*Sterospermum suaveolens*	Parul	1					**1**
33	*Syzygium jambolanum*	Jam	2	6	2			**10**
34	*Terminalia bellirica*	Bahera	5	4	3	8	5	**25**
35	*Terminalia chebula*	Amloki	3	18	10	18	3	**52**
36	*Terminalia tomentosa*	Asan	53	78	77	45	24	**277**
37	*Ziziphus mauritiana*	Kul	1					**1**
Total			**873**	**1154**	**1115**	**1226**	**1120**	**5488**

Table 47: Statistical analysis of all the Tree Species in Bundwan

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	1	20	0.77	0.20	0.02	1.00	0.09	0.88	**0.8**	**1.98**
2	*Aegle mermalos*	1	20	0.77	0.20	0.02	1.00	0.09	0.88		
3	*Albizia lebbeck*	64	100	3.85	12.80	1.17	12.80	1.15	6.16		
4	*Anogeissus latifolia*	344	100	3.85	68.80	6.27	68.80	6.18	16.29		
5	*Bridelia retusa*	24	80	3.08	4.80	0.44	6.00	0.54	4.05		
6	*Buchanania lanzan*	717	100	3.85	143.40	13.06	143.40	12.9	29.79		
7	*Cassia fistula*	3	40	1.54	0.60	0.05	1.50	0.13	1.73		
8	*Cleistanthus collinus*	171	100	3.85	34.20	3.12	34.20	3.07	10.03		
9	*Cochlospermum religiosum*	10	80	3.08	2.00	0.18	2.50	0.22	3.48		
10	*Dillenia indica*	8	80	3.08	1.60	0.15	2.00	0.18	3.40		
11	*Dillenia pentagyna*	2	40	1.54	0.40	0.04	1.00	0.09	1.66		
12	*Diospyros excelsa*	134	100	3.85	26.80	2.44	26.80	2.41	8.69		
13	*Erythrina indica*	1	20	0.77	0.20	0.02	1.00	0.09	0.88		
14	*Ficus bengalensis*	1	20	0.77	0.20	0.02	1.00	0.09	0.88		
15	*Flacourtia indica*	14	100	3.85	2.80	0.26	2.80	0.25	4.35		
16	*Gardenia latifolia*	10	100	3.85	2.00	0.18	2.00	0.18	4.21		
17	*Holarrhena antidysenterica*	23	80	3.08	4.60	0.42	5.75	0.52	4.01		
18	*Lagerstroemia parviflora*	3	40	1.54	0.60	0.05	1.50	0.13	1.73		
19	*Lannea coromandelica*	108	100	3.85	21.60	1.97	21.60	1.94	7.75		
20	*Litsea glutinosa*	1	20	0.77	0.20	0.02	1.00	0.09	0.88		
21	*Madhuca latifolia*	583	100	3.85	116.60	10.62	116.60	10.5	24.94		
22	*Mitragyna parviflora*	4	60	2.31	0.80	0.07	1.33	0.12	2.50		
23	*Morinda citrifolia*	21	100	3.85	4.20	0.38	4.20	0.38	4.61		
24	*Nyctanthes arbortritis*	2	40	1.54	0.40	0.04	1.00	0.09	1.66		

25	*Oroxylum indicum*	2	20	0.77	0.40	0.04	2.00	0.18	0.99
26	*Ougeinia oojeinensis*	2	40	1.54	0.40	0.04	1.00	0.09	1.66
27	*Phyllanthus embelica*	14	100	3.85	2.80	0.26	2.80	0.25	4.35
28	*Pterocarpus marsupium*	19	100	3.85	3.80	0.35	3.80	0.34	4.53
29	*Semecarpas anacardium*	288	100	3.85	57.60	5.25	57.60	5.17	14.27
30	*Shorea robusta*	2495	100	3.85	499.00	45.46	499.00	44.8	94.12
31	*Soymida febrifuga*	52	100	3.85	10.40	0.95	10.40	0.93	5.73
32	*Sterospermum suaveolens*	1	20	0.77	0.20	0.02	1.00	0.09	0.88
33	*Syzygium jambolanum*	10	60	2.31	2.00	0.18	3.33	0.3	2.79
34	*Terminalia bellirica*	25	100	3.85	5.00	0.46	5.00	0.45	4.75
35	*Terminalia chebula*	52	100	3.85	10.40	0.95	10.40	0.93	5.73
36	*Terminalia tomentosa*	277	100	3.85	55.40	5.05	55.40	4.98	13.87
37	*Ziziphus mauritiana*	1	20	0.77	0.20	0.02	1.00	0.09	0.88

a. Tree Species:

A total number of 5488 tree individuals were documented from Bundwan having a high tree species diversity (37). As was seen in Asansole the highest number of individuals was also contributed by *Shorea robusta* (2495) nearing 50% of all trees present, followed by *Buchanania lanzan* (717) and *Madhuca latifolia* (583). All three species were 100% frequency as they occurred in all the subplots surveyed with IVI values recorded as 94.12, 29.79 and 24.94 respectively.

There were also other 15 species (*Albizia lebbeck, Anogeissus latifolia, Cleistanthus collinus, Diospyros excela, Flacourtia indica, Gardenia latifolia, Lannea coromandelica, Morinda citrifolia, Phyllanthus embelica, Pterocarpus marsupium, Semecarpas anacardium, Soymida febrifuga, Terminalia bellirica, Terminalia chebula, Terminalia tomentosa*) which were 100% frequency found in all the 5 subplots. However, the individual trees recorded in these species ranged from a low of 10 trees (*Gardenia latifolia*) to a high of 344 individuals (*Anogeissus latifolia*), 288 trees (*Semecarpas anacardium*), 277 trees (*Terminalia tomentosa*), 171 trees (*Cleistanthus collinus*) and 108 trees (*Lannea coromandelica*).

However, there were 7 species (*Adina cordifolia, Aegle mermalos, Erythrina indica, Ficus bengalensis, Litsea glutinosa, Sterospermum suaveolens, Ziziphus mauritiana*) were only 20% frequent as they were recorded as one individual from only one subplot and 1 species (*Oroxylum indicum*) occurred as 2 individuals in only one subplot.

Subplots 3 and 8 represented highest diversity of tree species (29).

The Simpson's Diversity index (0.80) and Shannon's Diversity Index (1.98) of tree species indicated that the plot is moderately diverse. Simpson's Diversity index also explains that there is 80% chance that 2 individuals selected at random from this plot would be from different tree species.

Ficus bengalensis was recorded as the tallest tree with a height of 14.94 m and a maximum GBH of 50.80 cm (subplot-3) and *Pterocarpus marsupium* was recorded as the shortest tree with a height of 1.83 m and GBH of 25.40 cm (subplot-1) (Table: 48).

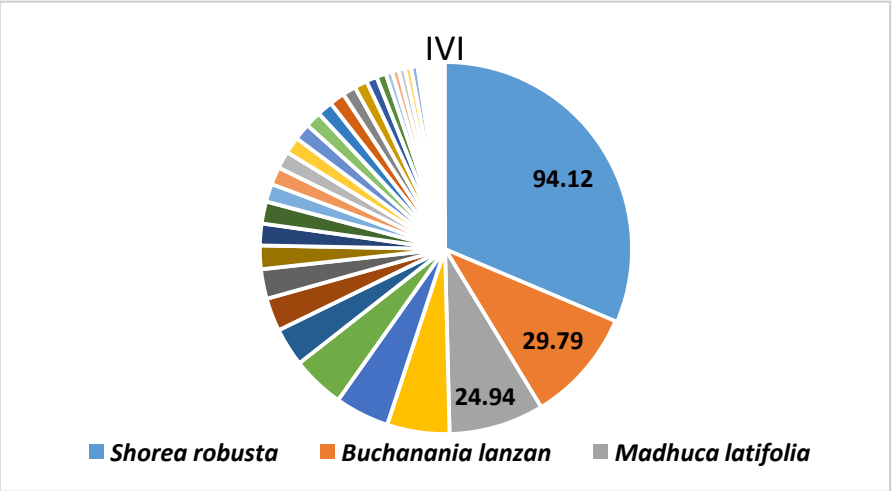


Figure 27: IVI Values of Dominant Tree Species in Bundwan

Table 48: Average Height and GBH of trees at all the subplots in Bundwan

Sl. No.	Scientific Names	SP1		SP3		SP8		SP9		SP10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Adina cordifolia*									10.67	30.48
2	*Aegle mermalos*			12.19	88.90						
3	*Albizia lebbeck*	12.40	50.80	13.34	54.06	12.19	46.84	12.06	58.42	11.22	51.82
4	*Anogeissus latifolia*	4.42	26.42	6.85	31.67	6.95	27.87	6.53	26.40	8.24	35.48
5	*Bridelia retusa*			5.64	26.67	7.62	27.31	6.56	30.87	7.40	31.93
6	*Buchanania lanzan*	9.63	36.78	9.17	34.76	9.04	35.42	8.38	34.48	8.48	36.27
7	*Cassia fistula*			8.23	30.48	11.73	32.39				
8	*Cleistanthus collinus*	3.05	20.32	4.83	22.74	4.40	21.08	4.69	20.04	4.92	23.52
9	*Cochlospermum religiosum*	7.62	40.64	8.15	27.31	8.53	45.72			6.71	48.26
10	*Dillenia indica*	6.10	35.56	4.42	21.59	6.10	33.02	4.27	15.24		
11	*Dillenia pentagyna*					4.57	22.86			12.19	55.88
12	*Diospyros excelsa*	4.61	26.49	5.49	27.66	4.91	23.93	5.16	22.77	4.82	26.62
13	*Erythrina indica*							10.97	35.56		
14	*Ficus bengalensis*			14.94	50.80						
15	*Flacourtia indica*	3.35	38.10	3.96	25.40	4.57	33.02	7.44	26.92	7.32	39.80
16	*Gardenia latifolia*	3.66	22.86	2.90	22.86	6.10	29.21	5.49	30.48	5.03	33.66
17	*Holarrhena antidysenterica*			6.10	27.94	6.10	33.66	4.88	22.58	5.88	28.70
18	*Lagerstroemia parviflora*					4.57	22.86	6.86	24.13		
19	*Lannea coromandelica*	8.93	35.81	10.12	42.40	11.33	45.49	8.82	43.72	10.46	49.96
20	*Litsea glutinosa*					7.62	50.80				
21	*Madhuca latifolia*	8.61	34.62	9.18	35.74	8.98	36.82	8.74	36.89	9.69	43.38
22	*Mitragyna parviflora*			4.57	29.21	5.18	30.48			6.10	27.94
23	*Morinda citrifolia*	3.96	31.75	4.79	27.94	6.10	26.67	4.88	25.40	3.66	35.56
24	*Nyctanthes arbortritis*	6.71	22.86	4.88	20.32						
25	*Oroxylum indicum*			9.30	44.45						

26	*Ougeinia oojeinensis*			4.57	17.78	5.49	27.94				
27	*Phyllanthus embelica*	6.10	20.32	7.32	28.58	7.47	31.43	6.71	20.32	6.61	21.16
28	*Pterocarpus marsupium*	1.83	25.40	4.78	23.71	8.38	31.62	7.16	30.48	11.65	49.68
29	*Semecarpas anacardium*	9.06	32.84	8.83	32.13	8.64	33.15	8.39	31.62	8.46	37.21
30	*Shorea robusta*	10.41	38.86	11.25	42.01	11.75	43.06	9.93	41.65	11.51	45.82
31	*Soymida febrifuga*	3.35	29.85	10.97	48.26	5.91	27.94	5.30	27.74	8.76	40.64
32	*Sterospermum suaveolens*									4.88	20.32
33	*Syzygium jambolanum*					13.72	50.80	9.04	39.79	7.01	35.56
34	*Terminalia bellirica*	6.64	27.18	9.49	32.86	11.68	39.79	9.30	37.47	8.35	34.54
35	*Terminalia chebula*	5.08	39.80	7.76	37.39	6.25	25.65	6.42	27.52	7.32	29.64
36	*Terminalia tomentosa*	7.02	32.92	7.25	33.50	8.15	30.23	8.11	30.92	9.08	35.23
37	*Ziziphus mauritiana*									9.14	35.56

Table 49: Documentation of Shrub species (including tree saplings) in all the Subplots in Bundwan

Sl. No.	Shrub Species	Common name	Sp10	Sp9	Sp8	Sp3	Sp1	Total
1	*Carissa spinarum*	Karmedh	57	69		10	14	**150**
2	*Corchorus aestuans*		9					**9**
3	*Desmodium gangeticum*	Salpani				7		**7**
4	*Flacourtia indica*	Choto Boichi	34	68	141	63	62	**368**
5	*Gardenia gummifera*	Bhurru	8	94	75			**177**
6	*Mimosa diplotricha*		39	15	23		9	**86**
7	*Nyctanthes arbor-tristis*	Seuli	3	29		23	8	**63**
8	*Phoenix acaulis*	Kitte		36	4	1	9	**50**
9	*Ziziphus mauritiana*	Kul	3	37	55			**95**
10	*Ziziphus oenoplia*	Sia Kul	25	38	38	6	4	**111**
11	*Woodfordia fruticosa*	Dhatki			42	35	67	**144**
Total			**178**	**386**	**378**	**145**	**173**	**1260**

Table 50: Statistical analysis of all the Shrub Species (including tree saplings) in Bundwan

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Carissa spinarum*	150	80	10.81	120.00	11.90	37.50	11.10	33.82	**0.85**	**2.07**
2	*Corchorus aestuans*	9	20	2.70	7.20	0.71	9.00	2.66	6.08		
3	*Desmodium gangeticum*	7	20	2.70	5.60	0.56	7.00	2.07	5.33		
4	*Flacourtia indica*	368	100	13.51	294.40	29.21	73.60	21.79	64.51		
5	*Gardenia gummifera*	177	60	8.11	141.60	14.05	59.00	17.47	39.63		
6	*Mimosa diplotricha*	86	80	10.81	68.80	6.83	21.50	6.37	24.00		
7	*Nyctanthes arbor-tristis*	63	80	10.81	50.40	5.00	15.75	4.66	20.47		
8	*Phoenix acaulis*	50	80	10.81	40.00	3.97	12.50	3.70	18.48		
9	*Ziziphus mauritiana*	95	60	8.11	76.00	7.54	31.67	9.38	25.02		
10	*Ziziphus oenoplia*	111	100	13.51	88.80	8.81	22.20	6.57	28.90		
11	*Woodfordia fruticosa*	144	60	8.11	115.20	11.43	48.00	14.21	33.75		

b. Shrub Species:

A total number of 1260 individuals under 11 shrub species were documented from this permanent plot at Bundwan.

The shrub vegetation was dominated by *Flacourtia indica* (IVI = 64.51) followed by *Gardenia gummifera* (IVI = 39.63), *Carissa spinarum* (IVI = 33.82) and *Woodfordia fruticosa* (IVI = 33.75).

The maximum number of shrub individuals was contributed by *Flacourtia indica* (368) followed by *Gardenia gummifera* (177), *Carissa spinarum* (150), *Woodfordia fruticosa* (144), *Ziziphus oenoplia* (111), *Ziziphus mauritiana* (95) and *Mimosa diplotricha* (86).

Corchorus aestuans with 9 individuals and *Desmodium gangeticum* with 7 individuals occurring in just one of the 5 subplots recorded the least.

Flacourtia indica and *Ziziphus oenoplia* were found in all the subplots with highest frequency (100%), whereas *Corchorus aestuans* and *Desmodium gangeticum* were found to have least frequency (20%) and documented only from a single subplot.

The Simpson's Diversity Index (0.85) and Shannon's Diversity Index (2.07) indicated high richness and evenness of shrub species. Simpson's Diversity index also explains that there is 85% chance that 2 individuals selected at random from this plot would be from different shrub species.

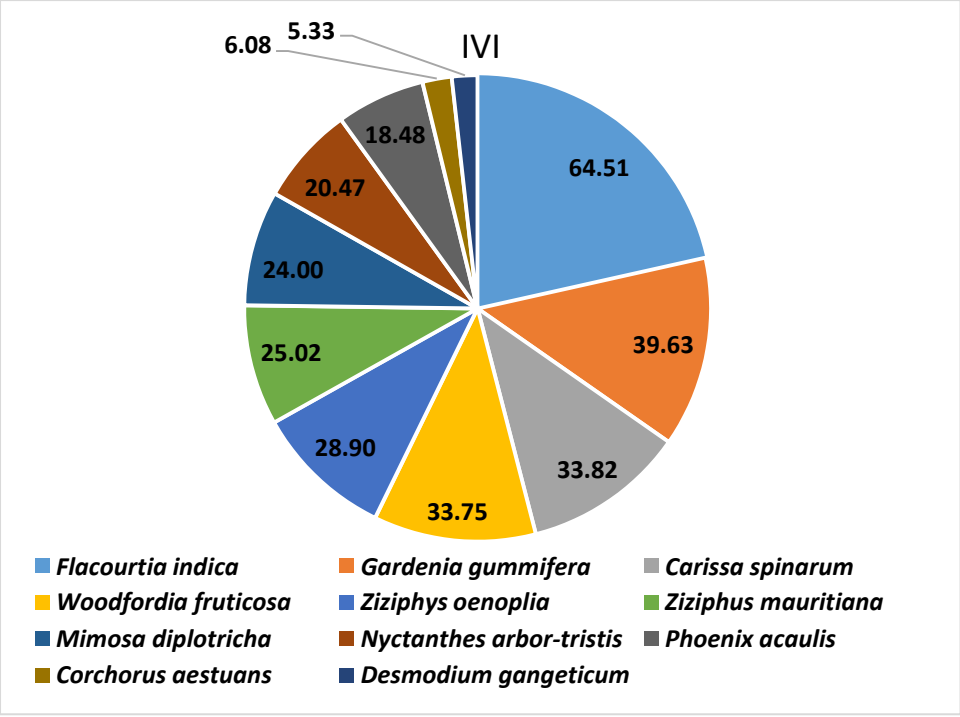


Figure 28: IVI Values of Dominant Shrubs (including tree saplings) in Bundwan

Table 51: Documentation of Liana species in all the Subplots in Bundwan

Sl. No.	Liana Species	Common name	Sp10	Sp9	Sp8	Sp3	Sp1	Total
1	*Ampleocissus latifolia*	Bon Angur	14	38	73	35	77	**237**
2	*Butea superba*	Lot Palash					2	**2**
3	*Dioscorea bulbifera*	Kappu	18	7			22	**47**
4	*Dioscorea esculenta*	Chupri Alu	21	36	45	24	36	**162**
5	*Dioscorea pentaphylla*						1	**1**
6	*Ichnocarpus frutescens*	Dudhi Lata				2		**2**
7	*Morus alba*		2			22	11	**35**
8	*Smilax zeylanica*	Ram Dantan	6	11	25	7	7	**56**
9	*Stephania hernandifolia*		6					**6**
Total			**61**	**92**	**143**	**90**	**156**	**542**

Table 52: Statistical analysis of all the Liana species in Bundwan

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	D	H
1	*Ampleocissus latifolia*	237	100	20	189.60	43.25	47.40	36.65	99.90	**0.70**	**1.45**
2	*Butea superba*	2	20	4	1.60	0.36	2.00	1.55	5.91		
3	*Dioscorea bulbifera*	47	60	12	37.60	8.58	15.67	12.11	32.69		
4	*Dioscorea esculenta*	162	100	20	129.60	29.56	32.40	25.05	74.61		
5	*Dioscorea pentaphylla*	1	20	4	0.80	0.18	1.00	0.77	4.96		
6	*Ichnocarpus frutescens*	2	20	4	1.60	0.36	2.00	1.55	5.91		
7	*Morus alba*	35	60	12	28.00	6.39	11.67	9.02	27.41		
8	*Smilax zeylanica*	56	100	20	44.80	10.22	11.20	8.66	38.88		
9	*Stephania hernandifolia*	6	20	4	4.80	1.09	6.00	4.64	9.73		

c. Liana Species:

At Bundwan a total of 542 individual shrubs under 9 species of liana were documented from the permanent plot.

The liana vegetation was dominated by *Ampleocissus latifolia* (IVI = 99.90) with 237 individuals, followed by *Dioscorea esculenta* (IVI = 74.61), *Smilax zeylanica* (IVI = 38.88), *Dioscorea bulbifera* (IVI = 32.69) and *Morus alba* (IVI = 27.41) with 162, 56, 47 and 35 individuals respectively.

With highest frequency (100%) *Ampleocissus latifolia, Dioscorea esculenta* and *Smilax zeylanica* were found in all the subplots while *Butea superba*, *Dioscorea pentaphylla, Ichnocarpus frutescens* and *Stephania hernandifolia* were found to have least frequency (20%) and documented only from a single subplot.

Dioscorea pentaphylla contribution to the liana vegetation was only a single individual.

The Simpson's Diversity Index (0.70) and Shannon's Diversity Index (1.45) of liana species indicated that the plot is comparatively less diverse (richness and evenness). Simpson's Diversity index also explains that there is 70% chance that 2 individuals selected at random from this plot would be from different liana species.

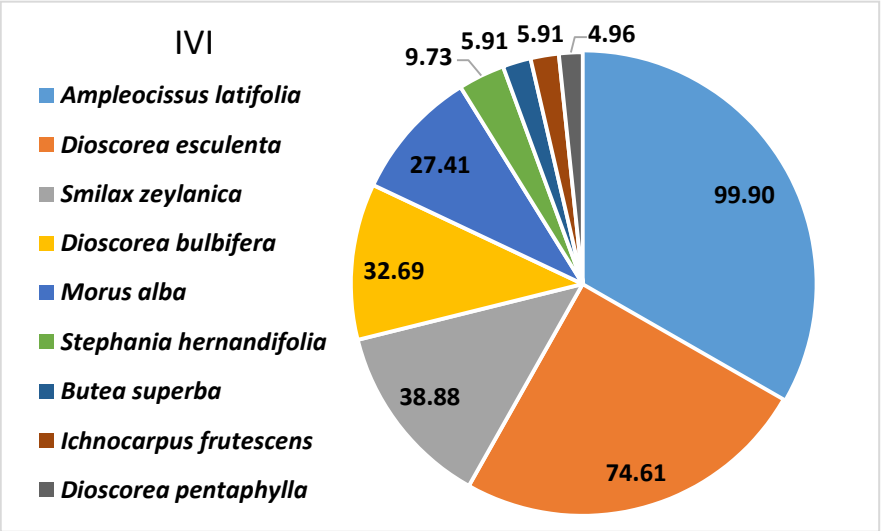


Figure 29: IVI Values of Dominant Liana species in Bundwan

Table 53: Documentation of all Herb species in all the nested Subplots in Bundwan

Sl. No.	Herb Species	Common name	Sp10	Sp9	Sp8	Sp3	Sp1	Total
1	*Abutilon indicum*	Pitari	22	18	33		18	**91**
2	*Andrographis paniculata*	Kalmegh	18	9	8			**35**
3	*Anisomeles ovata*	Gopali			11			**11**
4	*Barleria cristata*	Jhinti					7	**7**
5	*Curculigo orchioides*	Talmuli	34	26	30		32	**122**
6	*Centratherum anthelminticum*	Bon Somraj			16	5	7	**28**
7	*Cheilanthes tenuifolia*	Durga Jhapi	71	16	51		45	**183**
8	*Chromolema odorata*						3	**3**
9	*Curcuma aromatica*	Bon holud	5		7	12	12	**36**
10	*Elephantropus acaber*			18			18	**36**
11	*Evolvulus nummularius*			16				**16**
12	*Hyptis soaveolens*					22	28	**50**
13	*Indoneesiella echioides*	Birkubata	73	121	89			**283**
14	*Oldenlandia corymbosa*		50	54				**104**
15	*Oxalis corniculata*	Amrul Sak		30				**30**
16	*Polygala crotalarioides*	Nilkantha					18	**18**
17	*Spermacoce hispida*		56	127	69	45	60	**357**
18	*Urginea indica*					8	13	**21**
19	*Vernonia cineria*		35	79	57			**171**
Total			**364**	**514**	**371**	**92**	**261**	**1602**

Table 54 Statistical analysis of all the Herb Species in Bundwan

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abutilon indicum*	91	80	8.51	1820	5.68	22.75	4.20	18.39	0.88	2.40
2	*Andrographis paniculata*	35	60	6.38	700	2.18	11.67	2.15	10.72		
3	*Anisomeles ovata*	11	20	2.13	220	0.69	11.00	2.03	4.84		
4	*Barleria cristata*	7	20	2.13	140	0.44	7.00	1.29	3.86		
5	*Curculigo orchioides*	122	80	8.51	2440	7.62	30.50	5.62	21.75		
6	*Centratherum anthelminticum*	28	60	6.38	560	1.75	9.33	1.72	9.85		
7	*Cheilanthes tenuifolia*	183	80	8.51	3660	11.42	45.75	8.44	28.37		
8	*Chromolema odorata*	3	20	2.13	60	0.19	3.00	0.55	2.87		
9	*Curcuma aromatica*	36	80	8.51	720	2.25	9.00	1.66	12.42		
10	*Elephantropus acaber*	36	40	4.26	720	2.25	18.00	3.32	9.82		
11	*Evolvulus nummularius*	16	20	2.13	320	1.00	16.00	2.95	6.08		
12	*Hyptis soaveolens*	50	40	4.26	1000	3.12	25.00	4.61	11.99		
13	*Indoneesiella echioides*	283	60	6.38	5660	17.67	94.33	17.40	41.45		
14	*Oldenlandia corymbosa*	104	40	4.26	2080	6.49	52.00	9.59	20.34		
15	*Oxalis corniculata*	30	20	2.13	600	1.87	30.00	5.53	9.53		
16	*Polygala crotalarioides*	18	20	2.13	360	1.12	18.00	3.32	6.57		
17	*Spermacoce hispida*	357	100	10.6	7140	22.28	71.40	13.17	46.09		
18	*Urginea indica*	21	40	4.26	420	1.31	10.50	1.94	7.50		
19	*Vernonia cineria*	171	60	6.38	3420	10.67	57.00	10.51	27.57		

d. Herb Species:

A total of 1602 individual herbs belonging to 19 herbaceous species were documented from this permanent plot.

The herbaceous vegetation was co-dominated by *Spermacoce hispida* (IVI = 46.09), *Indoneesiella echioides* (IVI = 41.45), *Cheilanthes tenuifolia* (IVI = 28.37), *Vernonia cineria* (IVI = 27.57), *Curculigo orchioides* (IVI = 21.75) and *Oldenlandia corymbosa* (IVI = 20.34).

Maximum number of individuals was contributed by *Spermacoce hispida* (357) followed by *Indoneesiella echioides* (283), *Cheilanthes tenuifolia* (183), *Vernonia cineria* (171), *Curculigo orchioides* (122) and *Oldenlandia corymbosa* (104).

With highest frequency (100%) *Spermacoce hispida* was found in all the subplots. *Anisomeles ovata, Barleria cristata, Chromolema odorata, Evolvulus nummularius, Oxalis corniculata and Polygala crotalarioides* were found to have least frequency (20%) and documented only from a single subplot. *Chromolema odorata and Barleria cristata* were observed to have lowest contribution in the ground vegetation (3 and 7 individuals respectively).

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.40) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different herb species.

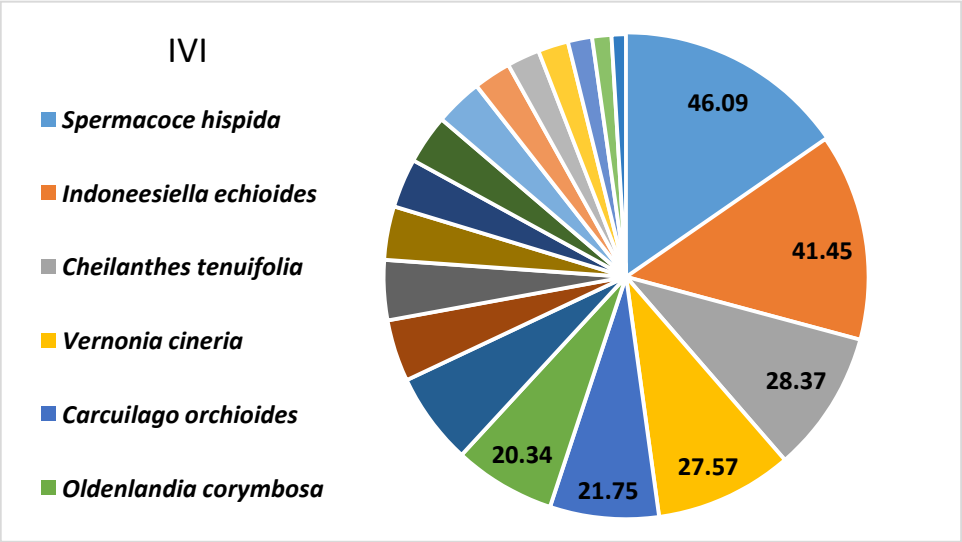


Figure 30: IVI Values of Dominant Herb Species in Bundwan

Table 55: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Bundwan

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp10	Sp9	Sp8	Sp3	Sp1	Total
1	*Asparagus racemosus*	Satamuli	16	9	18	14	6	**63**
2	*Cajanus scrabareoides*	Kurthi	16	15				**31**
3	*Hemidesmus indicus*	Anantamul	14	58	19	8	7	**106**
4	*Lygodium flexuosum*		10	9	37		13	**69**
5	*Rivea hypocrateryformis*	Kinduara			12	5	24	**41**
6	*Solena amplexicaulis*						2	**2**
7	*Tylophora indica*	Antamul	21	14	12	6	4	**57**
Total			**77**	**105**	**98**	**33**	**56**	**369**

Table 56: Statistical analysis of all the Scrambler, creeper and twiner species in Bundwan

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	63	100	20.00	1260	17.07	12.60	13.46	50.53	**0.81**	**1.74**
2	*Cajanus scrabareoides*	31	40	8.00	620	8.40	15.50	16.56	32.96		
3	*Hemidesmus indicus*	106	100	20.00	2120	28.73	21.20	22.64	71.37		
4	*Lygodium flexuosum*	69	80	16.00	1380	18.70	17.25	18.43	53.12		
5	*Rivea hypocrateryformis*	41	60	12.00	820	11.11	13.67	14.60	37.71		
6	*Solena amplexicaulis*	2	20	4.00	40	0.54	2.00	2.14	6.68		
7	*Tylophora indica*	57	100	20.00	1140	15.45	11.40	12.18	47.62		

e. Scrambler, creeper and twiner species:

A total number of 369 individual climbers under 7 scrambler, creeper and twiner species were documented from this permanent plot.

The climber vegetation was dominated by *Hemidesmus indicus* (IVI = 71.47), *Lygodium flexuosum* (IVI = 53.12), *Asparagus racemosus* (IVI = 50.53), *Tylophora indica* (IVI = 47.62), *Rivea hypocrateryformis* (IVI = 37.71) and *Cajanus scrabareoides* (IVI = 32.96). Maximum individuals were also contributed by *Hemidesmus indicus* (106).

Asparagus racemosus, Hemidesmus indicus and *Tylophora indica* found in all the subplots with a maximum frequency of 100%.

Solena amplexicaulis, having 20% frequency, existed in only subplot 1 and contributed to the climber the vegetation with 2 individuals only.

The Simpson's Diversity index (0.81) and Shannon's Diversity Index (1.74) indicated high diversity with moderate richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 81% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

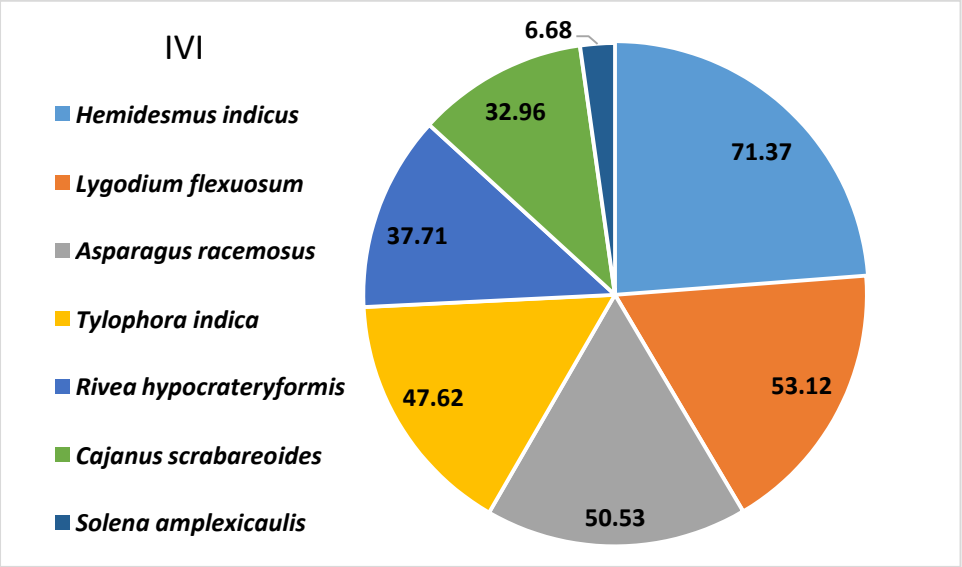


Figure 31: IVI Values of Dominant Scrambler, creeper and twiner species in Bundwan

6.4.4. Inventory of Associated Bird Species

During field trip 13 species of birds were documented in the selected plot including some IUCN red listed species like Alexandrine Parakeet (NT) and rare ones like Black Naped Oriole. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 57: All Bird species documented Subplot wise in Bundwan

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	1, 9, 10
2	Black Hooded Oriole	*Oriolus xanthornus*	LC	1, 3
3	Black Naped Oriole	*Oriolus chinensis*	LC	1, 9
4	Greenish Warbler	*Phylloscopus trochiloides*	LC	1, 10
5	Jungle Babbler	*Turdoides striata*	LC	1
6	Lesser Flameback Woodpecker	*Dinopium benghalense*	LC	3
7	Pale Billed Flowerpecker	*Dicaeum erythrorhynchos*	LC	3, 10
8	Purple Rumped Sunbird	*Leptocoma zeylonica*	LC	1
9	Purple Sunbird	*Cinnyris asiaticus*	LC	10
10	Reed Warbler	*Acrocephalus scirpaceus*	LC	1
11	Rose Ringed Parakeet	*Psittacula krameri*	LC	3
12	Small Minivet	*Pericrocotus cinnamomeus*	LC	3
13	Taiga Flycatcher	*Ficedula albicilla*	LC	1

6.5. PERMANENT PLOT: SUTAN

6.5.1. NAME AND LOCATION OF THE AREA

- District: Bankura
- Division: Bankura (S)
- Range: Jhilimili
- Beat: Muchikata
- Mouza: Sutan

Fifth field trip was undertaken during 10th to 13th November, 2020 in Sutan under Jhilimili Range of Bankura (S) Forest Division, South West Bengal.

Jhilimili is located at 22.8167°N 86.6167°E. It has an average elevation of 228 metres (748 ft). Jhilimili is located on the banks of Kangsabati River, in Purulia, West Bengal, India; its geographical coordinates are 22° 49' 0" North, 86° 37' 0" East.

Jhilimili is a beautiful tourist place, 15 km from Mukutmanipur, in Bankura district of West Bengal. Jhilimili is also known as the 'Darjeeling' of South Bengal. The way from Ranibandh to Jhilimili is spectacular with dense natural forest on both sides of the road. Literally translating to sparkle in the Bengali language, Jhilimili gets its name from the sparkle of micaceous soil that covers the area. Mounted on top of a hillock, the place is surrounded by thick forests of varying heights. Flickering beams of sunlight somehow make their way through the dense foliage adding to its charm and thrill.

The forest of Jhilimili lies near the meeting point of the three districts of Bankura, Purulia and Medinipur. Kansai River flows through this forest and its banks are an ideal picnic spot. The watchtower at Jhilimili offers a commanding view of the surrounding area. During mid-January, the tribes in Jhilimili celebrate Tusu Parab, in which Goddess Tusu is worshipped. Santhal fairs are conducted during Makara Sankranti. Talberia, Ranibandh and Mukutmanipur are nearby attractions.

Figure 32: Permanent plot selected at Sutan

6.5.2. Ground survey:

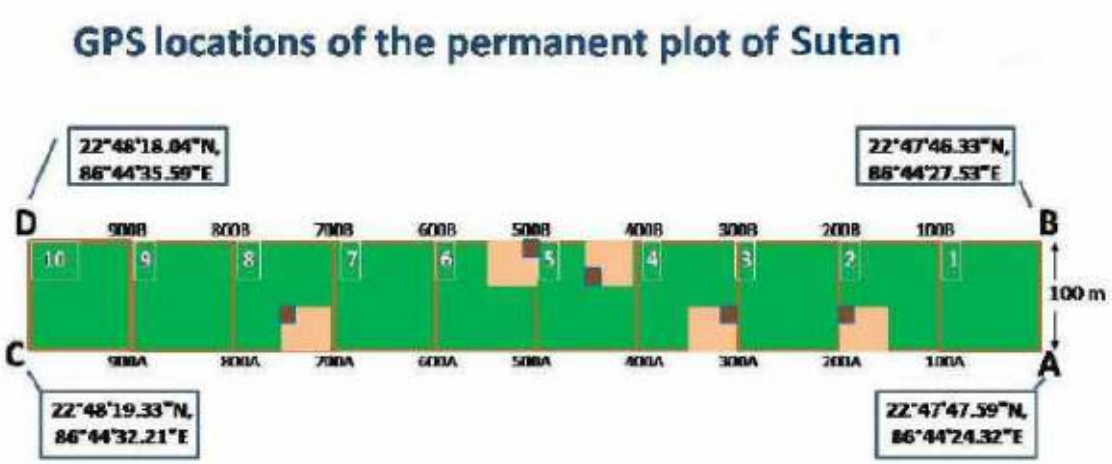


Figure 33: GPS location of the plot with schematic diagram of chosen subplots in Sutan

Table 58: Latitude / Longitude of all the Subplots in Sutan

Subplot points	Latitude	Longitude	Tree Name
100 A	22°47'50.73"N	86°44'24.97"E	Sal
100 B	22°47'49.53"N	86°44'28.39"E	Sal
200 A	22°47'53.98"N	86°44'26.11"E	Sal
200 B	22°47'52.59"N	86°44'29.13"E	Sal
300 A	22°47'57.06"N	86°44'26.66"E	Sal
300 B	22°47'55.99"N	86°44'30.12"E	Sal
400 A	22°48'0.12"N	86°44'27.60"E	Sal
400 B	22°47'58.87"N	86°44'30.75"E	Sal
500 A	22°48'3.46"N	86°44'28.36"E	Sal
500 B	22°48'2.20"N	86°44'31.38"E	Piyal
600 A	22°48'6.58"N	86°44'29.18"E	Sal
600 B	22°48'5.33"N	86°44'32.35"E	Sal
700 A	22°48'9.79"N	86°44'29.94"E	Sal
700 B	22°48'8.45"N	86°44'33.18"E	Sal
800 A	22°48'12.78"N	86°44'30.66"E	Mahua
800 B	22°48'11.61"N	86°44'33.97"E	Sal
900 A	22°48'15.98"N	86°44'31.56"E	Sal
900 B	22°48'14.33"N	86°44'35.52"E	Sal

Table 59: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Sutan

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 2	50a	22°47'53.02"N	86°44'27.30"E	22°47'52.94"N	86°44'27.15"E
	50b	22°47'51.74"N	86°44'26.92"E		
	50c	22°47'52.22"N	86°44'25.67"E		
Subplot 4	50a	22°47'56.58"N	86°44'28.31"E	22°47'56.83"N	86°44'28.04"E
	50b	22°47'58.18"N	86°44'28.53"E		
	50c	22°47'58.57"N	86°44'27.11"E		
Subplot 5	50a	22°47'59.55"N	86°44'29.00"E	22°48'1.03"N	86°44'29.54"E
	50b	22°48'1.19"N	86°44'29.60"E		
	50c	22°48'0.65"N	86°44'31.10"E		
Subplot 6	50a	22°48'2.90"N	86°44'29.95"E	22°48'2.50"N	86°44'31.16"E
	50b	22°48'4.62"N	86°44'30.46"E		
	50c	22°48'3.89"N	86°44'31.83"E		
Subplot 8	50a	22°48'9.06"N	86°44'31.63"E	22°48'10.71"N	86°44'31.71"E
	50b	22°48'10.77"N	86°44'32.00"E		
	50c	22°48'11.36"N	86°44'30.29"E		

6.5.3. Inventorization of Flora

Table 60: Documentation of all tree species in all the Subplots in Sutan

Sl. No.	Tree Species	Common name	Sp8	Sp6	Sp5	Sp4	Sp2	Total
1	*Adina cordifolia*	Holdu/Korom	2					**2**
2	*Albizia lebbeck*	Sirish	1	4	1	2		**8**
3	*Anogeissus latifolia*	Dhaw	52	81	72	100	43	**348**
4	*Bridelia retusa*	Kosai	6	3	4			**13**
5	*Buchanania lanzan*	Piyal	48	125	98	103	95	**469**
6	*Careya arborea*	Kumbhi/Astha	1					**1**
7	*Cassia fistula*	Sonalu					3	**3**
8	*Cassia siamea*	Minjiri	3	8				**11**
9	*Cleistanthus collinus*	Parasi	50	16	14	60	4	**144**
10	*Cochlospermum religiosum*	Galgal/Bandarpichla	1					**1**
11	*Dalbargia latifolia*	Sweti Sal				1		**1**
12	*Diospyros excelsa*	Kendu	19	14	5	10	14	**62**
13	*Ficus bengalensis*	Bot		1				**1**
14	*Flacourtia indica*	Choto Boichi		4	7	5	1	**17**
15	*Flacourtia jangomas*	Boro Boichi	14		3			**17**
16	*Gardenia latifolia*	Popro/Dobhurru	4				3	**7**
17	*Holarrhena antidysenterica*	Kurchi		9	10	6	25	**50**
18	*Ixora arborea*	Loha Jangi					2	**2**
19	*Lagerstroemia parviflora*	Sidha	15	4	12	6	11	**48**
20	*Lannea coromandelica*	Kachmola/Doka	6	3		5	3	**17**

21	*Madhuca latifolia*	Mahua	33	51	86	121	109	**400**
22	*Morinda citrifolia*	Noni	6	11	12	20	9	**58**
23	*Ougeinia oojeinensis*	Panjan	1					**1**
24	*Phyllanthus embelica*	Amloki	3	1	1	2	1	**8**
25	*Pterocarpus marsupium*	Murga/Piyasal	8	1	2	3	1	**15**
26	*Semecarpas anacardium*	Vella	51	37	40	45	42	**215**
27	*Shorea robusta*	Sal	862	694	592	700	677	**3525**
28	*Soymida febrifuga*	Rahara	97	79	27	21	31	**255**
29	*Sterospermum suaveolens*	Parul	4				1	**5**
30	*Syzygium jambolanum*	Jam	1	2	1			**4**
31	*Terminalia bellirica*	Bahera	3	12	13	7	4	**39**
32	*Terminalia chebula*	Haritaki	17	19	10	27	11	**84**
33	*Terminalia tomentosa*	Asan	80	116	105	119	97	**517**
34	*Ziziphus mauritiana*	Kul		2	1			**3**
Total			**1388**	**1297**	**1116**	**1363**	**1187**	**6351**

Table 61: Statistical analysis of all the Tree Species in Sutan

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	2	20	0.87	0.40	0.03	2.00	0.15	1.05	**0.7**	**1.78**
2	*Albizia lebbeck*	8	80	3.48	1.60	0.13	2.00	0.15	3.76		
3	*Anogeissus latifolia*	348	100	4.35	69.60	5.48	69.60	5.36	15.18		
4	*Bridelia retusa*	13	60	2.61	2.60	0.2	4.33	0.33	3.15		
5	*Buchanania lanzan*	469	100	4.35	93.80	7.38	93.80	7.22	18.95		
6	*Careya arborea*	1	20	0.87	0.20	0.02	1.00	0.08	0.96		
7	*Cassia fistula*	3	20	0.87	0.60	0.05	3.00	0.23	1.15		
8	*Cassia siamea*	11	40	1.74	2.20	0.17	5.50	0.42	2.34		
9	*Cleistanthus collinus*	144	100	4.35	28.80	2.27	28.80	2.22	8.83		
10	*Cochlospermum religiosum*	1	20	0.87	0.20	0.02	1.00	0.08	0.96		
11	*Dalbargia latifolia*	1	20	0.87	0.20	0.02	1.00	0.08	0.96		
12	*Diospyros excelsa*	62	100	4.35	12.40	0.98	12.40	0.95	6.28		
13	*Ficus bengalensis*	1	20	0.87	0.20	0.02	1.00	0.08	0.96		
14	*Flacourtia indica*	17	80	3.48	3.40	0.27	4.25	0.33	4.07		
15	*Flacourtia jangomas*	17	40	1.74	3.40	0.27	8.50	0.65	2.66		
16	*Gardenia latifolia*	7	40	1.74	1.40	0.11	3.50	0.27	2.12		
17	*Holarrhena antidysenterica*	50	80	3.48	10.00	0.79	12.50	0.96	5.23		
18	*Ixora arborea*	2	20	0.87	0.40	0.03	2.00	0.15	1.05		
19	*Lagerstroemia parviflora*	48	100	4.35	9.60	0.76	9.60	0.74	5.84		
20	*Lannea coromandelica*	17	80	3.48	3.40	0.27	4.25	0.33	4.07		
21	*Madhuca latifolia*	400	100	4.35	80.00	6.3	80.00	6.16	16.80		
22	*Morinda citrifolia*	58	100	4.35	11.60	0.91	11.60	0.89	6.15		
23	*Ougeinia oojeinensis*	1	20	0.87	0.20	0.02	1.00	0.08	0.96		
24	*Phyllanthus embelica*	8	100	4.35	1.60	0.13	1.60	0.12	4.60		
25	*Pterocarpus marsupium*	15	100	4.35	3.00	0.24	3.00	0.23	4.81		
26	*Semecarpas anacardium*	215	100	4.35	43.00	3.39	43.00	3.31	11.04		

27	*Shorea robusta*	3525	100	4.35	705.00	55.5	705.00	54.25	114.10
28	*Soymida febrifuga*	255	100	4.35	51.00	4.02	51.00	3.92	12.29
29	*Sterospermum suaveolens*	5	40	1.74	1.00	0.08	2.50	0.19	2.01
30	*Syzygium jambolanum*	4	60	2.61	0.80	0.06	1.33	0.10	2.77
31	*Terminalia bellirica*	39	100	4.35	7.80	0.61	7.80	0.60	5.56
32	*Terminalia chebula*	84	100	4.35	16.80	1.32	16.80	1.29	6.96
33	*Terminalia tomentosa*	517	100	4.35	103.40	8.14	103.40	7.96	20.44
34	*Ziziphus mauritiana*	3	40	1.74	0.60	0.05	1.50	0.12	1.90

a. Tree Species:

A total number of 6351 trees were documented from this permanent plot at Sutan distributed among 34 species. The vegetation was dominated by *Shorea robusta* (IVI = 114.10) with 3525 trees which was more than 55% of the all the trees recorded and was found in all the 5 subplots (100% frequency).

The highest frequency (100%) was also seen in 15 species(*Anogeissus latifolia, Buchanania lanzan, Cleistanthus collinus, Diospyros excela, Lagerstroemia parviflora, Madhuca latifolia, Morinda citrifolia, Phyllanthus embelica, Pterocarpus marsupium, Semecarpas anacardium, Shorea robusta, Soymida febrifuga, Terminalia bellirica, Terminalia chebula* and *Terminalia tomentosa*) which occurred in varying numbers in all the 5 random subplots undertaken for documentation. Species like *Adina cordifolia, Careya arborea, Cassia fistula, Cochlospermum religiosum, Dalbargia latifolia, Ficus bengalensis, Ixora arborea* and *Ougeinia oojeinensis* displayed the least frequency (20%) and were present in only one of the 5 subplots. Of these *Careya arborea, Cochlospermum religiosum, Dalbargia latifolia, Ficus bengalensis* and *Ougeinia oojeinensis* recorded only a single individual tree in whichever plot that they occurred.

Shorea robusta, revealed the highest density (705 per ha.), followed by *Terminalia tomentosa* with a density of 103.4 per ha, *Buchanania lanzan* with 93.8 per ha. & IVI= 18.95 and *Madhuca latifolia* - density (80 per ha.), and IVI (29.33).

Subplot 8 represented highest diversity of tree species (27) and also dominated by *Shorea robusta* (862).

The Simpson's Diversity Index (0.70) and Shannon's Diversity Index (1.78) indicated that the plot is highly diverse (richness and evenness). Simpson's Diversity index also explains that there is 70% chance that 2 individuals selected at random from this plot would be from different tree species.

Albizia lebbeck was recorded as the tallest tree with a height of 16.76 m and a maximum GBH of 132.08 cm (subplot-5) and *Pterocarpus marsupium* was recorded as the shortest tree with a height of 1.52 m and GBH of 22.86 cm (subplot-6) (Table: 62).

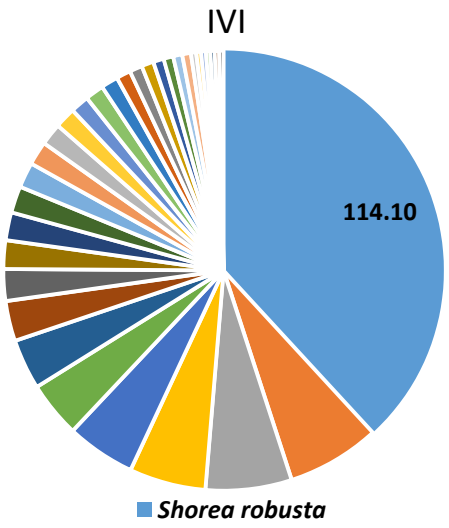


Figure 34: IVI Values of Dominant Tree Species in Sutan

Table 62: Average Height and GBH of trees at all the subplots in Sutan

Sl. No	Scientific Names	SP2		SP4		SP5		SP6		SP8	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Adina cordifolia*									7.16	41.91
2	*Albizia lebbeck*			11.58	43.18	16.76	132.08	10.06	40.01	10.67	66.04
3	*Anogeissus latifolia*	8.87	30.54	8.50	31.17	9.02	31.89	8.23	29.66	7.85	28.28
4	*Bridelia retusa*					9.07	37.47	6.40	37.25	9.86	35.98
5	*Buchanania lanzan*	8.74	30.45	7.97	30.46	8.00	29.31	8.02	29.50	7.85	29.79
6	*Careya arborea*									5.49	25.40
7	*Cassia fistula*	8.23	33.02								
8	*Cassia siamea*							5.79	26.35	8.94	36.41
9	*Cleistanthus collinus*	4.34	24.77	5.93	26.50	7.23	27.94	6.23	24.77	5.00	26.21
10	*Cochlospermum religiosum*									5.49	20.32
11	*Dalbargia latifolia*			6.10	27.94						
12	*Diospyros excelsa*	8.01	45.36	5.36	28.70	7.32	48.26	9.45	69.49	7.23	49.73
13	*Ficus bengalensis*							7.92	40.64		
14	*Flacourtia indica*	7.62	22.86	6.52	30.48	6.75	34.83	8.61	33.66		
15	*Flacourtia jangomas*					6.60	29.63			7.25	31.57
16	*Gardenia latifolia*	5.38	28.79							7.32	39.37
17	*Holarrhena antidysenterica*	6.00	25.30	6.55	24.55	7.80	31.50	6.57	29.92		
18	*Ixora arborea*	5.18	33.02								
19	*Lagerstroemia parviflora*	6.90	25.17	8.13	27.94	8.28	33.66	8.23	29.85	7.07	28.62
20	*Lannea coromandelica*	11.48	47.41	8.84	30.48			7.11	25.40	8.74	30.90
21	*Madhuca latifolia*	9.62	42.83	9.19	35.96	8.95	40.08	8.42	37.55	9.48	44.37
22	*Morinda citrifolia*	5.18	27.94	5.01	27.81	5.77	27.94	5.32	29.33	5.33	36.20
23	*Ougeinia oojeinensis*									4.57	22.86
24	*Phyllanthus embelica*	9.14	22.86	8.08	26.67	9.14	30.48	7.62	25.40	7.11	28.79

25	*Pterocarpus marsupium*	6.10	22.86	5.28	24.55	5.49	29.21	1.52	22.86	4.72	23.18
26	*Semecarpas anacardium*	8.88	31.63	8.91	35.16	9.51	33.53	9.26	34.26	9.14	38.00
27	*Shorea robusta*	9.53	31.80	10.81	38.49	10.98	40.68	10.05	39.58	9.89	40.36
28	*Soymida febrifuga*	8.80	33.59	7.46	29.51	8.30	34.62	7.55	30.13	7.09	33.02
29	*Sterospermum suaveolens*	5.49	25.40							9.60	36.83
30	*Syzygium jambolanum*					1.83	27.94	5.18	35.56	3.66	33.02
31	*Terminalia bellirica*	9.68	32.39	8.93	27.94	8.96	32.63	9.37	31.75	10.97	33.87
32	*Terminalia chebula*	8.67	30.71	7.65	31.04	8.47	32.77	7.48	30.88	6.71	29.88
33	*Terminalia tomentosa*	8.76	30.09	8.40	29.48	8.51	29.95	8.35	31.36	8.38	32.77
34	*Ziziphus mauritiana*					8.23	30.48	7.62	27.94		

Table 63: Documentation of Shrub species (including tree saplings) in all the Subplots in Sutan

Sl. No.	Shrub Species	Common name	Sp8	Sp6	Sp5	Sp4	Sp2	Total
1	*Azanza lampas*	Bon Kapas	32	118	29	72	76	**327**
2	*Breynia vitis-idaea*	Kali Sikor	60					**60**
3	*Carissa spinarum*	Karmedh		21	18	24		**63**
4	*Desmodium gangeticum*	Salpani					18	**18**
5	*Flacourtia indica*	Choto Boichi	125	42	82	54	110	**413**
6	*Gardenia gummifera*	Bhurru	36	33	28	28	162	**287**
7	*Mimosa rubicaulis*					3		**3**
8	*Phoenix acaulis*	Kitte	62	161	63	67	170	**523**
9	*Ziziphus mauritiana*	Kul		9				**9**
10	*Ziziphus oenoplia*	Buda kul	10	15		42	42	**109**
11	*Woodfordia fruticosa*	Dhatki	83	13	18		141	**255**
Total			**408**	**412**	**238**	**290**	**719**	**2067**

Table 64: Statistical analysis of all the Shrub Species (including tree saplings) in Sutan

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Azanza lampas*	327	100	14.29	261.60	15.82	65.40	12.77	42.88	**0.83**	**1.93**
2	*Breynia vitis-idaea*	60	20	2.857	48.00	2.90	60.00	11.72	17.48		
3	*Carissa spinarum*	63	60	8.571	50.40	3.05	21.00	4.10	15.72		
4	*Desmodium gangeticum*	18	20	2.857	14.40	0.87	18.00	3.52	7.24		
5	*Flacourtia indica*	413	100	14.29	330.40	19.98	82.60	16.13	50.40		
6	*Gardenia gummifera*	287	100	14.29	229.60	13.88	57.40	11.21	39.38		
7	*Mimosa rubicaulis*	3	20	2.857	2.40	0.15	3.00	0.59	3.59		
8	*Phoenix acaulis*	523	100	14.29	418.40	25.30	104.60	20.43	60.02		
9	*Ziziphus mauritiana*	9	20	2.857	7.20	0.44	9.00	1.76	5.05		
10	*Ziziphus oenoplia*	109	80	11.43	87.20	5.27	27.25	5.32	22.02		
11	*Woodfordia fruticosa*	255	80	11.43	204.00	12.34	63.75	12.45	36.22		

b. Shrub Species:

A total number of 2067 individuals under 11 shrub species were documented from this permanent plot.

The shrub vegetation was dominated by *Phoenix acaulis* (IVI = 60.02), *Flacourtia indica* (IVI = 50.40), *Azanza lampas* (IVI = 42.88), *Gardenia gummifera* (IVI = 39.38), *Woodfordia fruticosa* (IVI = 36.22) and *Ziziphus oenoplia* (IVI = 22.02).

Maximum number of individuals was contributed by *Phoenix acaulis* (523), *Flacourtia indica* (413), *Azanza lampas* (327), *Gardenia gummifera* (287), *Woodfordia fruticosa* (255) and *Ziziphus oenoplia* (109).

With highest frequency (100%) *Azanza lampas, Flacourtia indica, Gardenia gummifera* and *Phoenix acaulis* were found in all the subplots, whereas *Breynia vitis-idaea, Desmodium gangeticum, Mimosa rubicaulis* and *Ziziphus mauritiana* were found to have least frequency (20%) and documented only from single subplot. Of these *Mimosa rubicaulis* and *Ziziphus mauritiana* contributed only 3 and 9 individuals respectively.

The Simpson's Diversity index (0.83) and Shannon's Diversity Index (1.91) indicated that the plot sustained moderate diversity with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 83% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

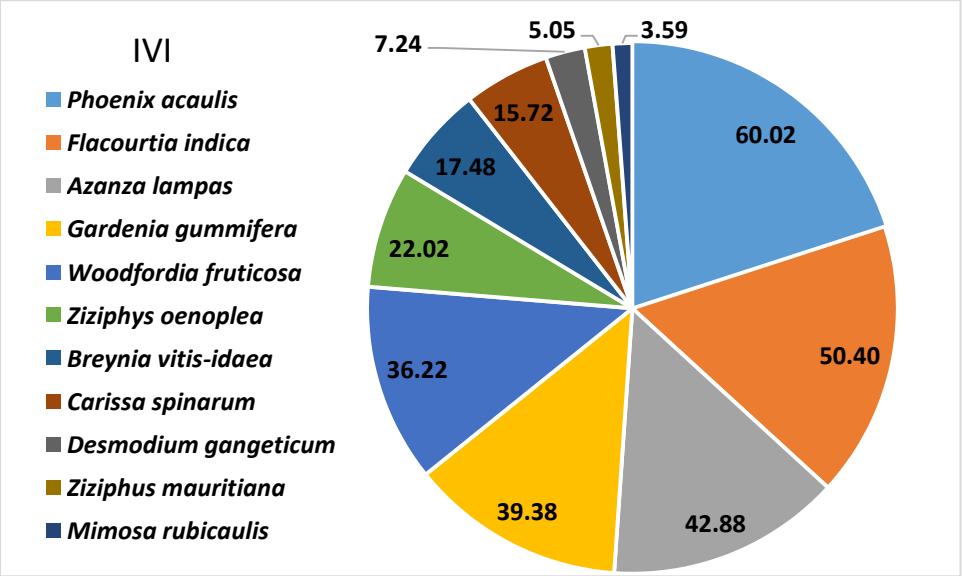


Figure 35: IVI Values of Dominant Shrubs (including tree saplings) in Sutan

Table 65: Documentation of Liana species in all the Subplots in Sutan

Sl. No.	Liana Species	Common name	Sp8	Sp6	Sp5	Sp4	Sp2	Total
1	*Ampleocissus latifolia*	Bon Angur	42			26		**68**
2	*Aristolochia indica*	Iswarmul		11				**11**
3	*Dioscorea bulbifera*	Khamalu	43	78	14	7	70	**212**
4	*Dioscorea esculenta*	Chupri Alu	16	150	28	8	72	**274**
5	*Ichnocarpus frutescens*	Dudhi Lata	11	26	62	17	32	**148**
6	*Smilax zeylanica*	Ram Dantan	14	46	31		35	**126**
Total			**126**	**311**	**135**	**58**	**209**	**839**

Table 66: Statistical analysis of all the Liana species in Sutan

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampleocissus latifolia*	68	40	9.09	54.40	8.10	34.00	16.72	33.92	**0.77**	**1.56**
2	*Aristolochia indica*	11	20	4.55	8.80	1.31	11.00	5.411	11.27		
3	*Dioscorea bulbifera*	212	100	22.73	169.60	25.27	42.40	20.86	68.85		
4	*Dioscorea esculenta*	274	100	22.73	219.20	32.66	54.80	26.96	82.34		
5	*Ichnocarpus frutescens*	148	100	22.73	118.40	17.64	29.60	14.56	54.93		
6	*Smilax zeylanica*	126	80	18.18	100.80	15.02	31.50	15.49	48.69		

c. Liana Species:

A total number of 839 individuals under 6 liana species were documented from this permanent plot.

The liana species was co-dominated by *Dioscorea esculenta* (IVI = 82.34), *Dioscorea bulbifera* (IVI = 68.85), *Ichnocarpus frutescens* (IVI = 54.93), *Smilax zeylanica* (IVI = 48.69) and *Ampleocissus latifolia* (IVI = 33.92).

Maximum number of individuals was also contributed by *Dioscorea esculenta* (274), *Dioscorea bulbifera* (212), *Ichnocarpus frutescens* (148), *Smilax zeylanica* (126) and *Ampleocissus latifolia* (68).

With highest frequency (100%) *Dioscorea bulbifera, Dioscorea esculenta* and *Ichnocarpus frutescens* were found in all the subplots. *Aristolochia indica* was found to have least frequency (20%) and documented only from subplot 6 and contributed with only 11 individuals.

The Simpson's Diversity index (0.77) and Shannon's Diversity Index (1.56) indicated that the plot sustained moderate diversity with lower richness and evenness of liana species. Simpson's Diversity index also explains that there is 77% chance that 2 individuals among lianas selected at random from this plot would be from different liana species (Table: 66).

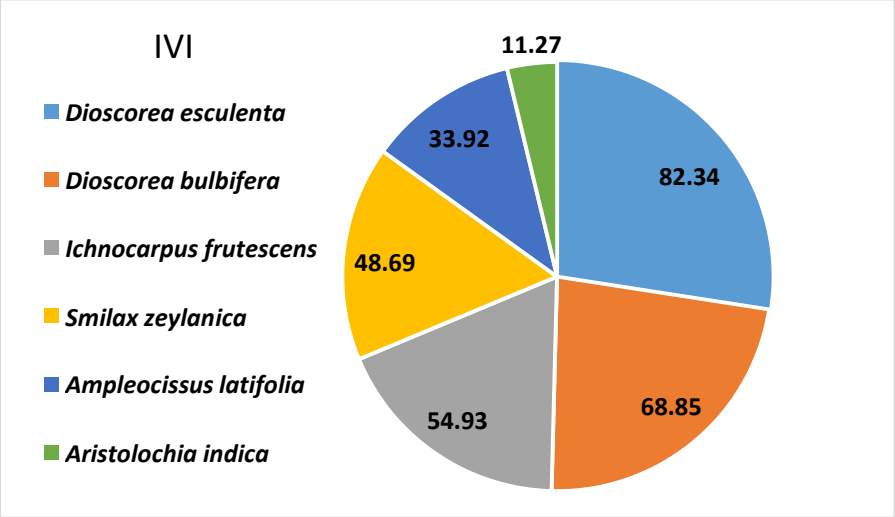


Figure 36: IVI Values of Dominant Liana species in Sutan

Table 67: Documentation of all Herb species in all the nested Subplots in Sutan

Sl. No.	Herb Species	Common name	Sp8	Sp6	Sp5	Sp4	Sp2	Total
1	*Abutilon indicum*	Pitari		52	37	29	40	**158**
2	*Andrographis paniculata*	Kalmegh	5	17		13	22	**57**
3	*Anisomeles ovata*		11			8		**19**
4	*Barleria cristata*	Jhinti		62	24		73	**159**
5	*Curculigo orchioides*	Talmuli	18					**18**
6	*Centratherum anthelminticum*	Bon Somraj	28	35	15		45	**123**
7	*Cheilanthes tenuifolia*	Durga Jhapi	72	40	18			**130**
8	*Curcuma aromatica*	Bon Holud					12	**12**
9	*Evolvulus alsinoides*			48	38		36	**122**
10	*Gynura cusimbua*	Bon Sorisha	54	29	56	10		**149**
11	*Indoneesiella echioides*	Birkubata	117	151		96	52	**416**
12	*Lindernia ciliata*				31			**31**
13	*Oldenlandia corymbosa*			55	14	45		**114**
14	*Oxalis corniculata*	Ammrul Sak					232	**232**
15	*Polygala crotalarioides*	Nilkantha	32	32	22	17		**103**
16	*Spermacoce hispida*		76	65	71	32	90	**334**
Total			**413**	**586**	**326**	**250**	**602**	**2177**

Table 68: Statistical analysis of all the Herb Species in Sutan

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abutilon indicum*	158	80	8.51	3160	7.26	39.50	4.96	20.73	**0.90**	**2.46**
2	*Andrographis paniculata*	57	80	8.51	1140	2.62	14.25	1.79	12.92		
3	*Anisomeles ovata*	19	40	4.26	380	0.87	9.50	1.19	6.32		
4	*Barleria cristata*	159	60	6.38	3180	7.30	53.00	6.66	20.35		
5	*Curculigo orchioides*	18	20	2.13	360	0.83	18.00	2.26	5.22		
6	*Centratherum anthelminticum*	123	80	8.51	2460	5.65	30.75	3.86	18.02		
7	*Cheilanthes tenuifolia*	130	60	6.38	2600	5.97	43.33	5.45	17.80		
8	*Curcuma aromatica*	12	20	2.13	240	0.55	12.00	1.51	4.19		
9	*Evolvulus alsinoides*	122	60	6.38	2440	5.60	40.67	5.11	17.10		
10	*Gynura cusimbua*	149	80	8.51	2980	6.84	37.25	4.68	20.04		
11	*Indoneesiella echioides*	416	80	8.51	8320	19.11	104.00	13.07	40.69		
12	*Lindernia ciliata*	31	20	2.13	620	1.42	31.00	3.90	7.45		
13	*Oldenlandia corymbosa*	114	60	6.38	2280	5.24	38.00	4.78	16.39		
14	*Oxalis corniculata*	232	20	2.13	4640	10.66	232.00	29.15	41.94		
15	*Polygala crotalarioides*	103	80	8.51	2060	4.73	25.75	3.24	16.48		
16	*Spermacoce hispida*	334	100	10.64	6680	15.34	66.80	8.39	34.37		

d. Herb Species:

A total number of 2177 individual belonging to 16 herbaceous species were documented from this permanent plot.

The vegetation was dominated by *Oxalis corniculata* (IVI = 41.94), *Indoneesiella echioides* (IVI = 40.69), *Spermacoce hispida* (IVI = 34.37), *Abutilon indicum* (IVI = 20.73), *Barleria cristata* (IVI = 20.35) and *Gynura cusimbua* (IVI = 20.04). Maximum number of individuals was contributed by *Indoneesiella echioides* (416) followed by *Spermacoce hispida* (334) and *Oxalis corniculata* (232).

With maximum frequency (100%) *Spermacoce hispida* was found in all the subplots. *Curculigo orchioides, Curcuma aromatica, Lindernia ciliata and Oxalis corniculata* were found to have least frequency (20%) and documented only from a single subplot. *Curcuma aromatica* and *Anisomeles ovata* were observed to have minimum contribution to the ground vegetation (12 and 19 individuals respectively).

The Simpson's Diversity index (0.90) and Shannon's Diversity Index (2.46) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 90% chance that 2 individuals selected at random from this plot would be from different herb species.

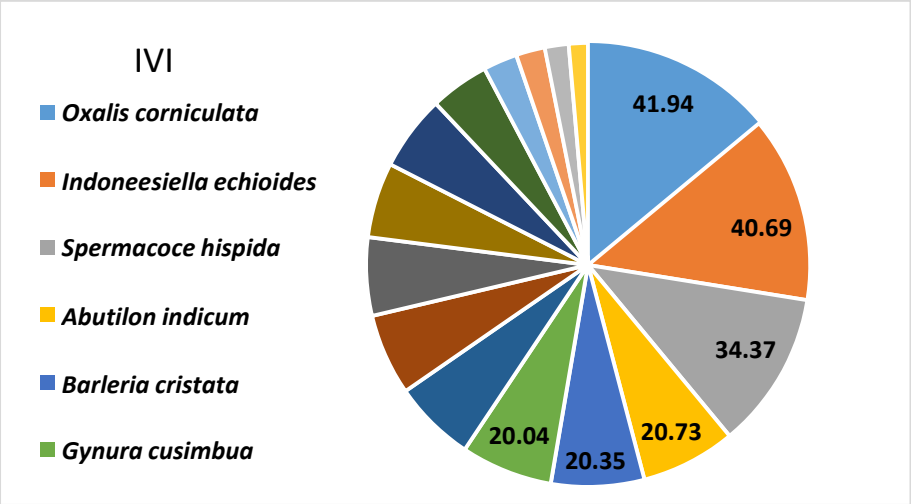


Figure 37: IVI Values of Dominant Herb Species in Sutan

Table 69: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Sutan

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp8	Sp6	Sp5	Sp4	Sp2	Total
1	*Asparagus racemosus*	Satamuli	5	41	17	17	22	**102**
2	*Cajanus scrabareoides*	Kurthi		16	25	25	43	**109**
3	*Hemidesmus indicus*	Anantaul	8		24	15	14	**61**
4	*Lygodium flexuosum*		7	22	11			**40**
5	*Rivea hypocataryformis*	Bon Pui	4	13			31	**48**
6	*Tylophora indica*	Antaul			42		20	**62**
Total			**24**	**92**	**119**	**57**	**130**	**422**

Table 70: Statistical analysis of all the Scrambler, creeper and twiner species in Sutan

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	102	100	23.81	2040	24.17	20.40	16.55	64.53	**0.81**	**1.73**
2	*Cajanus scrabareoides*	109	80	19.05	2180	25.83	27.25	22.11	66.99		
3	*Hemidesmus indicus*	61	80	19.05	1220	14.45	15.25	12.38	45.88		
4	*Lygodium flexuosum*	40	60	14.29	800	9.48	13.33	10.82	34.58		
5	*Rivea hypocataryformis*	48	60	14.29	960	11.37	16.00	12.98	38.64		
6	*Tylophora indica*	62	40	9.52	1240	14.69	31.00	25.16	49.37		

e. Scrambler, creeper and twiner species:

A total number of 422 individuals under 6 scrambler, creeper and twiner species were documented from this permanent plot.

The major two co-dominants were *Cajanus scrabareoides* (IVI = 66.99), *Asparagus racemosus* (IVI = 64.53), followed by *Tylophora indica* (IVI = 49.37), *Hemidesmus indicus* (IVI = 45.88), *Rivea hypocataryformis* (IVI = 38.64) and *Lygodium flexuosum* (IVI = 34.58).The maximum number of individuals was also contributed *by Cajanus scrabareoides* (109) and *Asparagus racemosus* (102).

With maximum frequency (100%) *Asparagus racemosus* was found in all the subplots.

The Simpson's Diversity index (0.81) and Shannon's Diversity Index (1.73) indicated higher diversity with moderate richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 81% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

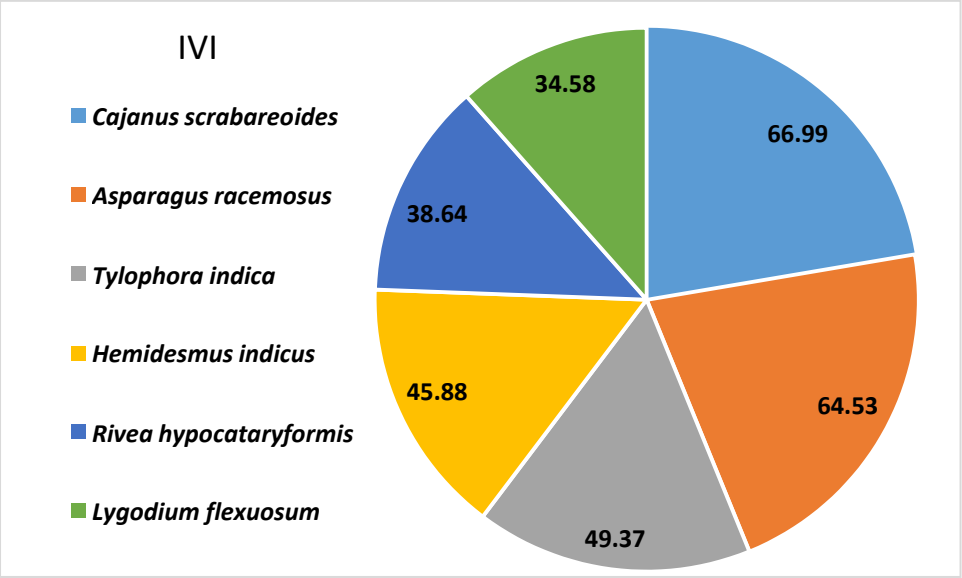


Figure 38: IVI Values of Dominant Scrambler, creeper and twiner species in Sutan

6.5.4. Inventory of Associated Bird Species

During field trip 11 species of birds were documented in the selected subplots including migratory birds like Yellow Wagtail. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 71: All Bird species documented Subplot wise in Sutan

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Black Drongo	*Dicrurus macrocercus*	LC	8
2	Black-Hooded Oriole	*Oriolus xanthornus*	LC	6, 8
3	Common Sandpiper	*Actitis hypoleucos*	LC	8
4	Common Tailor Bird	*Orthotomus sutorius*	LC	8
5	Common Wood Shrike	*Tephrodornis pondicerianus*	LC	6
6	Eurasian collared Dove	*Streptopelia decaocto*	LC	6, 8
7	Golden Oriole	*Oriolus oriolus*	LC	2
8	Pale Billed Flowerpecker	*Dicaeum erythrorhynchos*	LC	2, 6
9	Purple Rumped Sunbird	*Leptocoma zeylonica*	LC	6
10	Purple Sunbird	*Cinnyris asiaticus*	LC	2, 6, 8
11	Yellow Wagtail	*Motacilla flava*	LC	8

6.6. PERMANENT PLOT: MD BAZAR

6.6.1. NAME AND LOCATION OF THE AREA

- District: Birbhum
- Division: Birbhum
- Range: Md Bazar
- Beat: Mollarpur
- Mouza: Moubelia

Sixth field trip was undertaken during 18th to 21st November 2020 in Md Bazar under Md Bazar Range of Birbhum Forest Division, South West Bengal.

Md Bazar is a Block in Birbhum District of West Bengal State; India located at 23°59′31″N 87°34′19″E with 73 m elevation (altitude) above Sea level. Md Bazar is partly in the Brahmani-Mayurakshi Basin, one of the four sub-micro physiographic regions occupying the area between Brahmani River in the north and Mayurakshi River in the south. This block extends into Bakrehswar Upland, another sub-micro physiographic region.

Figure 39: Permanent plot selected at Md Bazar

6.6.2. Ground survey:

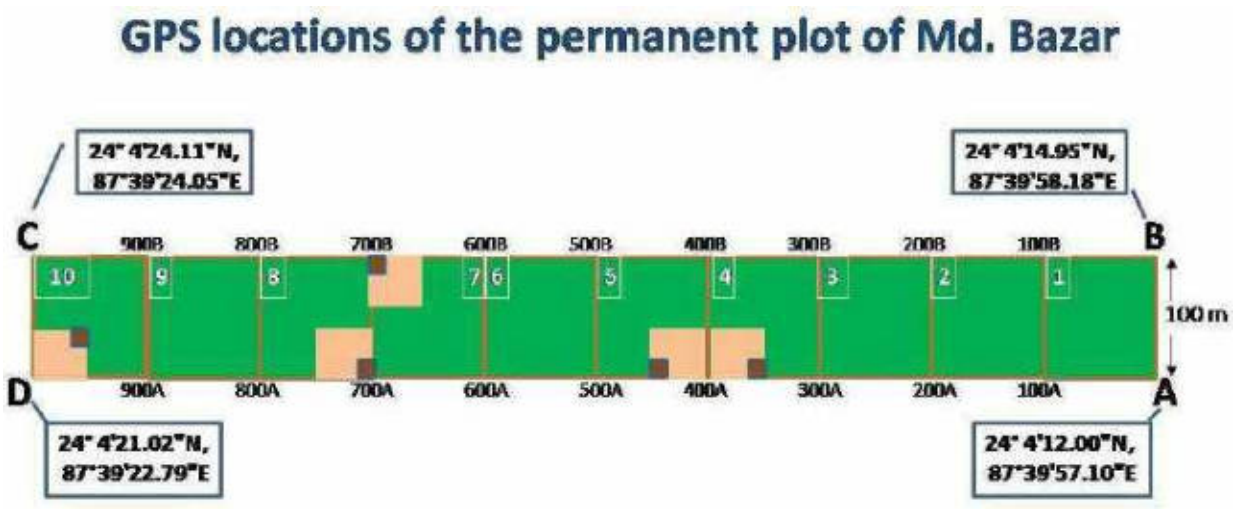


Figure 40: GPS location of the plot with schematic diagram of chosen subplots in Md Bazar

Table 72: Latitude / Longitude of all the Subplots in Md Bazar

Subplot points	Latitude	Longitude	Tree Name
100 A	24° 4'12.88"N	87°39'53.32"E	Sal
100 B	24° 4'15.83"N	87°39'54.76"E	Sal
200 A	24° 4'13.82"N	87°39'49.97"E	
200 B	24° 4'16.86"N	87°39'51.34"E	Sal
300 A	24° 4'14.72"N	87°39'46.89"E	Sal
300 B	24° 4'17.72"N	87°39'48.02"E	Mohua
400 A	24° 4'15.64"N	87°39'43.29"E	Sal
400 B	24° 4'18.65"N	87°39'44.75"E	Sal
500 A	24° 4'16.49"N	87°39'39.67"E	Sal
500 B	24° 4'19.61"N	87°39'41.26"E	Sal
600 A	24° 4'17.46"N	87°39'36.36"E	Mohua
600 B	24° 4'20.96"N	87°39'38.09"E	
700 A	24° 4'18.39"N	87°39'32.98"E	Sal
700 B	24° 4'21.38"N	87°39'34.45"E	Sal
800 A	24° 4'19.33"N	87°39'29.52"E	Sal
800 B	24° 4'22.31"N	87°39'30.92"E	Sal
900 A	24° 4'20.13"N	87°39'26.17"E	Sal
900 B	24° 4'23.20"N	87°39'27.53"E	Sal

Table 73: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Md Bazar

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 4	50a	24° 4'17.01"N	87°39'43.97"E	24° 4'15.39"N	87°39'44.77"E
	50b	24° 4'16.55"N	87°39'45.50"E		
	50c	24° 4'15.26"N	87°39'44.84"E		
Subplot 5	50a	24° 4'17.01"N	87°39'43.97"E	24° 4'16.12"N	87°39'41.79"E
	50b	24° 4'17.59"N	87°39'42.27"E		
	50c	24° 4'16.09"N	87°39'41.66"E		
Subplot 7	50a	24° 4'21.09"N	87°39'36.23"E	24° 4'21.21"N	87°39'34.46"E
	50b	24° 4'19.74"N	87°39'35.60"E		
	50c	24° 4'20.14"N	87°39'33.89"E		
Subplot 8	50a	24° 4'19.75"N	87°39'33.59"E	24° 4'18.47"N	87°39'32.86"E
	50b	24° 4'20.34"N	87°39'31.73"E		
	50c	24° 4'18.91"N	87°39'31.27"E		
Subplot 10	50a	24° 4'22.54"N	87°39'23.47"E	24° 4'22.00"N	87°39'25.05"E
	50b	24° 4'22.13"N	87°39'25.19"E		
	50c	24° 4'20.51"N	87°39'24.41"E		

6.6.3. Inventorization of Flora

Table 74: Documentation of all tree species in all the Subplots in Md Bazar

Sl. No.	Tree Species	Common name	Sp5	Sp7	Sp8	Sp4	Sp10	Total
1	*Acacia auriculiformis*	Akashmoni				1		**1**
2	*Bridelia retusa*	Bhuans/Kosai					1	**1**
3	*Buchanania lanzan*	Piyal	26	4	8	6	11	**55**
4	*Gmelia arborea*	Gamar				1		**1**
5	*Ixora arborea*	Loha jangi				1		**1**
6	*Lagerostromia parviflora*	Sidha				1		**1**
7	*Lannea coromandalica*	Geol/Kachmola	1				1	**2**
8	*Madhuca latifolia*	Mahua	174	272	126	198	146	**916**
9	*Mitragyna parvifolia*	Keli Kadam				2		**2**
10	*Pterocarpus marsupium*	Murga/Piyasal	5	15	8	45	17	**90**
11	*Semecarpus anacardium*	Vella					1	**1**
12	*Shorea robusta*	Sal	353	449	599	277	835	**2513**
13	*Terminalia bellirica*	Bahera	1	1	1	6	2	**11**
14	*Terminalia tomentosa*	Asan				1		**1**
Total			**560**	**741**	**742**	**539**	**1014**	**3596**

Table 75: Statistical analysis of all the Tree Species in Md Bazar

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia auriculiformis*	1	20	2.86	0.2	0.03	1	0.14	3.02	**0.45**	**0.8**
2	*Bridelia retusa*	1	20	2.86	0.2	0.03	1	0.14	3.02		
3	*Buchanania lanzan*	55	100	14.29	11	1.53	11	1.51	17.33		
4	*Gmelia arborea*	1	20	2.86	0.2	0.03	1	0.14	3.02		
5	*Ixora arborea*	1	20	2.86	0.2	0.03	1	0.14	3.02		
6	*Lagerostromia parviflora*	1	20	2.86	0.2	0.03	1	0.14	3.02		
7	*Lannea coromandalica*	2	40	5.71	0.4	0.06	1	0.14	5.91		
8	*Madhuca latifolia*	916	100	14.29	183.2	25.47	183.2	25.20	64.96		
9	*Mitragyna parvifolia*	2	20	2.86	0.4	0.06	2	0.28	3.19		
10	*Pterocarpus marsupium*	90	100	14.29	18	2.50	18	2.48	19.26		
11	*Semecarpus anacardium*	1	20	2.86	0.2	0.03	1	0.14	3.02		
12	*Shorea robusta*	2513	100	14.29	502.6	69.88	502.6	69.13	153.30		
13	*Terminalia bellirica*	11	100	14.29	2.2	0.31	2.2	0.30	14.89		
14	*Terminalia tomentosa*	1	20	2.86	0.2	0.03	1	0.14	3.02		

a. Tree Species:

A total number of 3596 tree individuals were documented from this permanent plot at MD Bazar having less species diversity (14). The vegetation was dominated by *Shorea robusta* (IVI = 153.30) followed by and *Madhuca latifolia* (IVI = 64.96). The highest number of individual trees was also contributed by *Shorea robusta (*2513). Subplot 4 represented highest diversity of tree species (11) and also dominated by *Shorea robusta* (277) and *Madhuca latifolia* (198).

Those with highest frequency (100%) like *Buchanania lanzan, Madhuca latifolia, Pterocarpus marsupium, Shorea robusta* and *Terminalia bellirica* were found in all the 5 subplots. The species *Acacia auriculiformis, Bridelia retusa, Gmelia arborea, Ixora arborea, Lagerostromia parviflora, Mitragyna parvifolia, Semecarpus anacardium* and *Terminalia tomentosa* were found to have least frequency (20%) and documented only from single subplot. Of these *Acacia auriculiformis, Bridelia retusa, Gmelia arborea, Ixora arborea, Lagerostromia parviflora, Semecarpus anacardium and Terminalia tomentosa* contributed to the vegetation with only a single individual tree in the subplot wherever they occurred.

The Simpson's Diversity index (0.45) and Shannon's Diversity Index (0.80) of tree species indicated that the plot is very less diverse (richness and evenness). Simpson's Diversity index also explains that there is 45% chance that 2 individuals selected at random from this plot would be from different tree species.

Acacia auriculiformis was recorded as the tallest tree with a height of 21.34 m and a maximum GBH of 101.60 cm (subplot-4) and *Lannea coromandelica* was recorded as the shortest tree with a height of 3.05 m and GBH of 25.40 cm (subplot-10) (Table: 76).

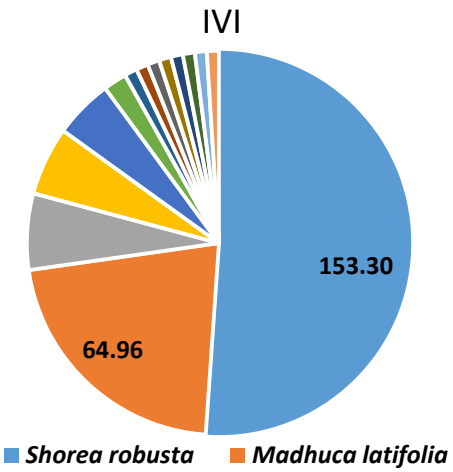


Figure 41: IVI Values of Dominant Tree Species in Md Bazar

Table 76: Average Height and GBH of trees at all the subplots in Md Bazar

Sl. No.	Scientific Names	SP4		SP5		SP7		SP8		SP10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia auriculiformis*	21.34	101.60								
2	*Bridelia retusa*									4.57	25.40
3	*Buchanania lanzan*	5.74	30.06	5.13	31.65	4.80	33.02	5.07	30.80	6.82	28.86
4	*Gmelia arborea*	9.14	45.72								
5	*Ixora arborea*	21.34	144.78								
6	*Lagerstroemia parviflora*	18.90	116.84								
7	*Lannea coromandelica*			3.96	27.94					3.05	25.40
8	*Madhuca latifolia*	6.63	43.40	7.07	42.92	6.13	37.19	6.49	37.76	6.70	36.97
9	*Mitragyna parviflora*	12.19	43.18								
10	*Pterocarpus marsupium*	12.99	70.05	16.52	132.59	11.89	8.45	12.76	64.45	14.49	67.24
11	*Semecarpas anacardium*									5.49	27.94
12	*Shorea robusta*	9.45	45.31	8.77	41.22	8.43	40.27	8.12	39.61	11.23	52.84
13	*Terminalia bellirica*	13.72	71.97	12.19	48.26	4.57	25.40	7.62	35.56	7.62	35.56
14	*Terminalia tomentosa*	6.10	38.10								

Table 77: Documentation of Shrub species (including tree saplings) in all the Subplots in Md Bazar

Sl. No.	Shrub Species	Common name	Sp5	Sp7	Sp8	Sp4	Sp10	Total
1	*Acacia farnesiana*	Ruirui	59	55	28	61	22	**225**
2	*Carissa spinarum*	Karmedh	63	103	72	67	52	**357**
3	*Croton oblongifolius*	Neuri	178	197	91	87	203	**756**
4	*Desmodium gangeticum*	Salpani	37	47	137	103	30	**354**
5	*Flacourtia indica*	Choto Boichi	25	51	63	42	66	**247**
6	*Grewia helicterifolia*			34	28	27		**89**
7	*Phoenix acaulis*	Kitte	113	71	34	122	43	**383**

8	*Randia spinosa*	Khudi Karhar	26	21		21	11	**79**
9	*Ziziphus oenoplia*	Sia Kul	42	42	46		26	**156**
10	*Woodfordia fruticosa*	Dhatki	58	45	21	40	25	**189**
Total			**601**	**666**	**520**	**570**	**478**	**2835**

Table 78: Statistical analysis of all the Shrub Species (including tree saplings) in Md Bazar

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia farnesiana*	225	100	10.87	180.00	7.94	45.00	7.62	26.43	**0.86**	**2.11**
2	*Carissa spinarum*	357	100	10.87	285.60	12.59	71.40	12.09	35.55		
3	*Croton oblongifolius*	756	100	10.87	604.80	26.67	151.20	25.60	63.14		
4	*Desmodium gangeticum*	354	100	10.87	283.20	12.49	70.80	11.99	35.34		
5	*Flacourtia indica*	247	100	10.87	197.60	8.71	49.40	8.36	27.95		
6	*Grewia helicterifolia*	89	60	6.52	71.20	3.14	29.67	5.02	14.68		
7	*Phoenix acaulis*	383	100	10.87	306.40	13.51	76.60	12.97	37.35		
8	*Randia spinosa*	79	80	8.70	63.20	2.79	19.75	3.34	14.83		
9	*Ziziphus oenoplia*	156	80	8.70	124.80	5.50	39.00	6.60	20.80		
10	*Woodfordia fruticosa*	189	100	10.87	151.20	6.67	37.80	6.40	23.94		

b. Shrub Species:

A total number of 2835 individuals under 10 shrub species were documented from this permanent plot.

The vegetation was dominated by *Croton oblongifolius* (IVI = 63.14), *Phoenix acaulis* (IVI = 37.35), *Carissa spinarum* (IVI = 35.55) and *Desmodium gangeticum* (IVI = 35.34). Maximum number of individuals was contributed by *Croton oblongifolius* (756), *Phoenix acaulis* (383), *Carissa spinarum* (357) and *Desmodium gangeticum* (354).

Most of the shrub species were found to be exist in all the subplots showing highest frequency viz. *Acacia farnesiana* (100%), *Carissa spinarum* (100%), *Croton oblongifolius* (100%), *Desmodium gangeticum* (100%), *Flacourtia indica* (100%), *Phoenix acaulis* (100%), *Woodfordia fruticosa* (100%). *Grewia helicterifolia* and *Randia spinosa* contributed only 89 (in 3 nested subplots) and 79 (in 4 nested subplots) individuals respectively.

The Simpson's Diversity index (0.86) and Shannon's Diversity Index (2.11) indicated that the plot sustained high diversity with high richness and evenness of shrub species. Simpson's Diversity index also explains that there is 86% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

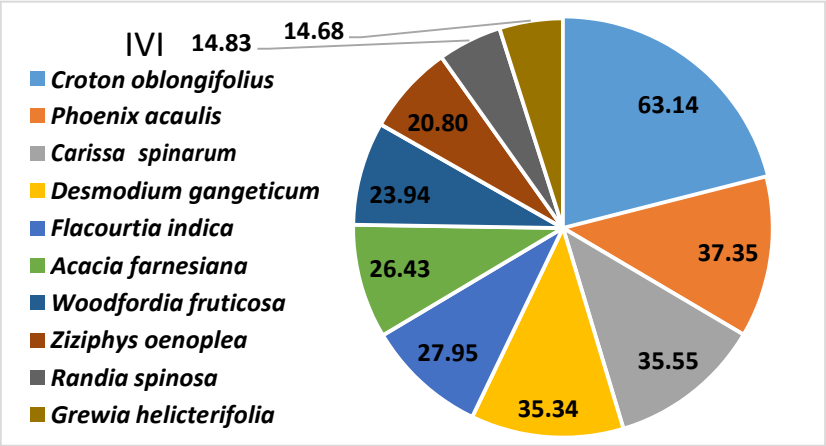


Figure 42: IVI Values of Dominant Shrubs (including tree saplings) in Md Bazar

Table 79: Documentation of Liana species in all the Subplots in Md Bazar

Sl. No.	Liana Species	Common name	Sp5	Sp7	Sp8	Sp4	Sp10	Total
1	*Ampelocissus latifolia*	Bon Angur		15				**15**
2	*Aristolochia indica*	Iswarmul		7	26		5	**38**
3	*Combretum decandrum*	Atari/Atang	5					**5**
4	*Dioscorea bulbifera*	Khamalu/Kappu	32	26	21	25	19	**123**
5	*Dioscorea esculenta*	Chupri Alu	29	32				**61**
6	*Ichnocarpus frutescens*	Dudhi Lata	72	57	52	57		**238**
7	*Smilax zeylanica*	Ram Dantan	21	133	43	52	35	**284**
8	*Stephania hernandifolia*		23	13	17			**53**
Total			**182**	**283**	**159**	**134**	**59**	**817**

Table 80: Statistical analysis of all the Liana species in Md Bazar

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampelocissus latifolia*	15	20	4.17	12.00	1.84	15.00	6.76	12.77	**0.76**	**1.63**
2	*Aristolochia indica*	38	60	12.50	30.40	4.65	12.67	5.71	22.86		
3	*Combretum decandrum*	5	20	4.17	4.00	0.61	5.00	2.25	7.03		
4	*Dioscorea bulbifera*	123	100	20.83	98.40	15.06	24.60	11.09	46.98		
5	*Dioscorea esculenta*	61	40	8.33	48.80	7.47	30.50	13.76	29.56		
6	*Ichnocarpus frutescens*	238	80	16.67	190.40	29.13	59.50	26.83	72.63		
7	*Smilax zeylanica*	284	100	20.83	227.20	34.76	56.80	25.62	81.21		
8	*Stephania hernandifolia*	53	60	12.50	42.40	6.49	17.67	7.97	26.95		

c. Liana Species:

817 individual numbers of lianas under 8 liana species were documented from this permanent plot.

The vegetation was dominated by *Smilax zeylanica* (IVI = 81.21), *Ichnocarpus frutescens* (IVI = 72.63) and *Dioscorea bulbifera* (IVI = 46.98). Maximum number of individuals was also contributed by *Smilax zeylanica* (284), *Ichnocarpus frutescens* (238) and *Dioscorea bulbifera* (123).

Dioscorea bulbifera and *Smilax zeylanica* with highest frequency (100%) were found in all the subplots. *Ampelocissus latifolia* and *Combretum decandrum* were found to have the lowest frequency (20%) and documented only from single subplot. *Ampelocissus latifolia* and *Combretum decandrum* contributed to the liana vegetation with only 15 and 5 individuals respectively.

The Simpson's Diversity index (0.76) and Shannon's Diversity Index (1.63) indicated that the plot sustained moderate diversity with moderate richness and evenness of liana species. Simpson's Diversity index also explains that there is 76% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

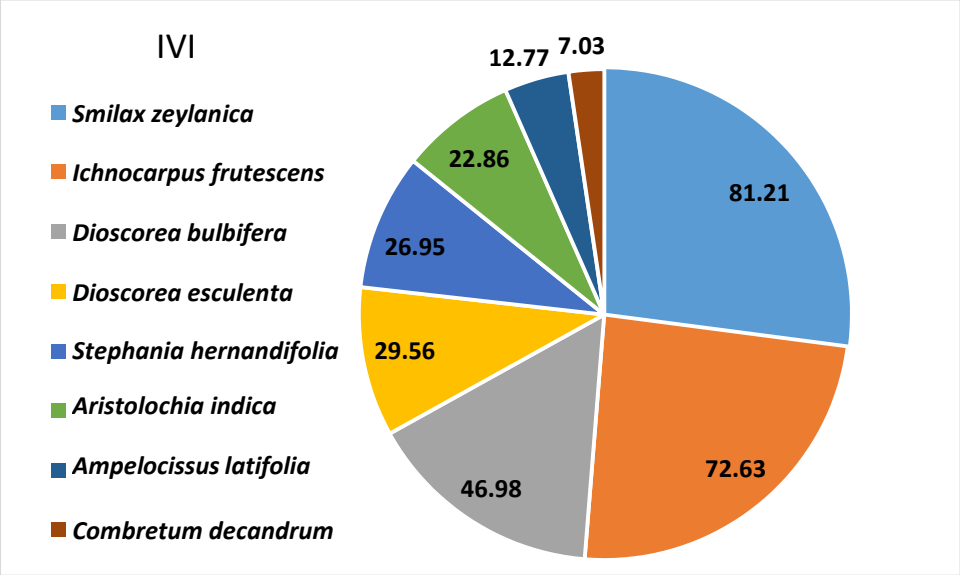


Figure 43: IVI Values of Dominant Liana species in Md Bazar

Table 81: Documentation of all Herb species in all the nested Subplots in Md Bazar

Sl. No.	Herb Species	Common name	Sp5	Sp7	Sp8	Sp4	Sp10	Total
1	*Andrographis paniculata*	Kalmegh	71		40	24		**135**
2	*Barleria cristata*	Jhinti	54	31	60	56	27	**228**
3	*Canscora decussata*					53		**53**
4	*Curculigo orchioides*	Talmuli					3	**3**
5	*Cheilanthes tenuifolia*	Durga Jhapi	170	133	156	203	124	**786**
6	*Costus speciosus*						5	**5**
7	*Crotalaria prostrata*		41		52	82		**175**
8	*Elephantropus scaber*						11	**11**
9	*Elolvulus nummularius*			17				**17**
10	*Evolvulus alsinoides*		30	26	18			**74**
11	*Oldenlandia corymbosa*		82	64	67	163		**376**
12	*Polygala crotalarioides*	Nilkantha					8	**8**
Total			**448**	**271**	**393**	**581**	**178**	**1871**

Table 82: Statistical analysis of all the Herb Species in Md Bazar

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	135	60	10.34	2700	7.22	45.00	8.62	26.18	**0.75**	**1.70**
2	*Barleria cristata*	228	100	17.24	4560	12.19	45.60	8.74	38.17		
3	*Canscora decussata*	53	20	3.45	1060	2.83	53.00	10.16	16.44		
4	*Curculigo orchioides*	3	20	3.45	60	0.16	3.00	0.57	4.18		
5	*Cheilanthes tenuifolia*	786	100	17.24	15720	42.01	157.20	30.13	89.38		
6	*Costus speciosus*	5	20	3.45	100	0.27	5.00	0.96	4.67		
7	*Crotalaria prostrata*	175	60	10.34	3500	9.35	58.33	11.18	30.88		
8	*Elephantropus scaber*	11	20	3.45	220	0.59	11.00	2.11	6.14		
9	*Elolvulus nummularius*	17	20	3.45	340	0.91	17.00	3.26	7.61		
10	*Evolvulus alsinoides*	74	60	10.34	1480	3.96	24.67	4.73	19.03		
11	*Oldenlandia corymbosa*	376	80	13.79	7520	20.10	94.00	18.01	51.90		
12	*Polygala crotalarioides*	8	20	3.45	160	0.43	8.00	1.53	5.41		

d. Herb Species:

A total of 1871 individual herbs belonging to 12 herbaceous species were documented here.

The vegetation was dominated by *Cheilanthes tenuifolia* (IVI = 89.38), *Oldenlandia corymbosa* (IVI = 51.90), *Barleria cristata* (IVI = 38.17), *Crotalaria prostrata* (IVI = 30.88) and *Andrographis paniculata* (IVI = 26.18). Maximum individuals were contributed by *Cheilanthes tenuifolia* (786).

With maximum frequency (100%) *Barleria cristata* and *Cheilanthes tenuifolia* were found in all the subplots. *Canscora decussata, Curculigo orchioides, Costus speciosus, Elephantropus scaber, Elolvulus nummularius* and *Polygala crotalarioides* were found to have least frequency (20%) and documented only from a single subplot. *Curculigo orchioides, Costus speciosus* and *Polygala crotalarioides* were observed to have minimum contribution (3, 5 and 8 individuals respectively).

The Simpson's Diversity index (0.75) and Shannon's Diversity Index (1.70) indicated that the plot is moderately diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 75% chance that 2 individuals selected at random from this plot would be from different herb species.

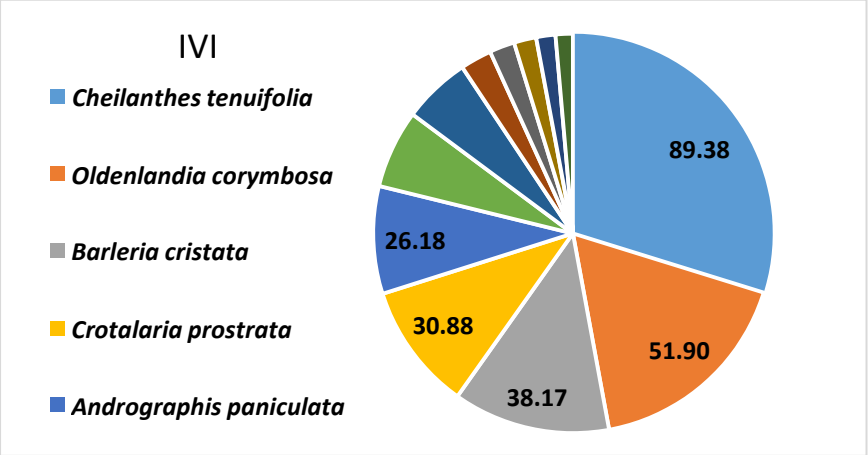


Figure 44: IVI Values of Dominant Herb Species in Md Bazar

Table 83: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Md Bazar

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp5	Sp7	Sp8	Sp4	Sp10	Total
1	*Asparagus racemosus*	Satamuli		3				**3**
2	*Cajanus scrabareoides*	Kurthi	97		37	60		**194**
3	*Hemidesmus indicus*	Anantamul	81	37	71	49	29	**267**
4	*Lygodium flexuosum*			5				**5**
5	*Rivea hypocataryformis*	Kinduara	4	18	11	21		**54**
6	*Tylophora indica*	Antamul	39	22	45	47	22	**175**
7	*Vigna trilobata*	Mas Kolai/Bon Mug		13	42			**55**
Total			**221**	**98**	**206**	**177**	**51**	**753**

Table 84: Statistical analysis of all the Scrambler, creeper and twiner species in Md Bazar

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	3	20	4.76	60	0.40	3.00	1.48	6.64	**0.74**	**1.49**
2	*Cajanus scrabareoides*	194	60	14.29	3880	25.76	64.67	32.00	72.05		
3	*Hemidesmus indicus*	267	100	23.81	5340	35.46	53.40	26.43	85.69		
4	*Lygodium flexuosum*	5	20	4.76	100	0.66	5.00	2.47	7.90		
5	*Rivea hypocataryformis*	54	80	19.05	1080	7.17	13.50	6.68	32.90		
6	*Tylophora indica*	175	100	23.81	3500	23.24	35.00	17.32	64.37		
7	*Vigna trilobata*	55	40	9.52	1100	7.30	27.50	13.61	30.44		

e. Scrambler, creeper and twiner species:

A total number of 753 individuals under 7 scrambler, creeper and twiner species were documented from this permanent plot.

The most dominant species of scrambler, creeper and twiner was *Hemidesmus indicus* (IVI = 85.69) followed by *Cajanus scrabareoides* (IVI = 72.05), *Tylophora indica* (IVI = 64.37), *Rivea hypocataryformis* (IVI = 32.90) and *Vigna trilobata* (IVI = 30.44). Maximum number of individuals was also contributed by *Hemidesmus indicus* (267) followed by *Cajanus scrabareoides* (194) and *Tylophora indica* (175).

Both *Hemidesmus indicus* and *Tylophora indica* were found in all the subplots with maximum frequency (100%). *Asparagus racemosus and Lygodium flexuosum*, having 20% frequency, existed ina single subplot and contributed 3 and 5 individuals respectively.

The Simpson's Diversity index (0.74) and Shannon's Diversity Index (1.49) indicated moderate diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 74% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

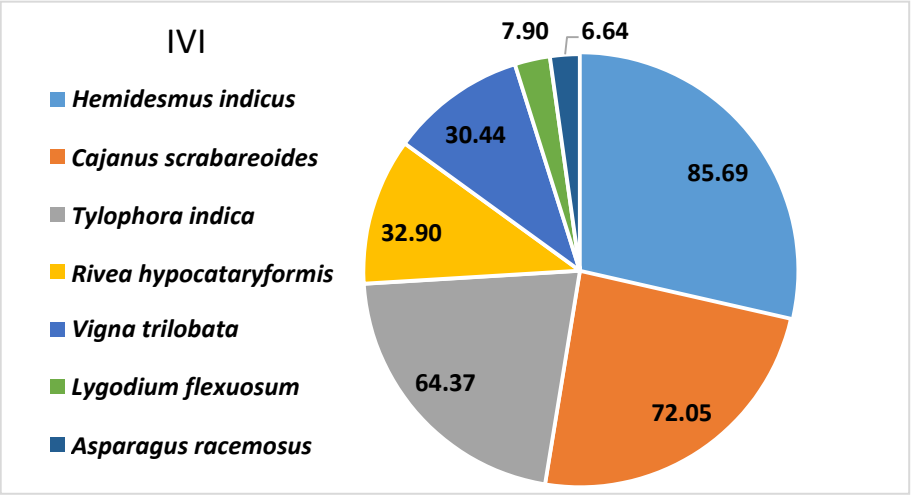


Figure 45: IVI Values of Dominant Scrambler, creeper and twiner species in Md Bazar

6.6.4. Inventory of Associated Bird Species

During field trip 12 species of birds were documented in the selected subplot including uncommon migratory birds like Pied Harrier. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 85: All Bird species documented Subplot wise in Md Bazar

Sl. No.	Common Name	Scientific Name	IUCN Status	Subplot
1	Black hooded Oriole	*Oriolus xanthornus*	LC	3, 7, Adjacent to Subplot 1
2	Black-winged Kite	*Elanus caeruleus*	LC	7
3	Common Iora	*Aegithina tiphia*	LC	Junction of Subplot 2 and 3
4	Common Tailor Bird	*Orthotomus sutorius*	LC	5
5	Eurasian Collared Dove	*Streptopelia decaocto*	LC	6
6	Grey backed Tit /Cinereous Tit	*Parus cinereus*	NE	8
7	Jungle Babbler	*Turdoides striata*	LC	5, Adjacent to Subplot 5, Adjacent to subplot 4
8	Lesser Flameback Woodpecker	*Dinopium benghalense*	LC	5
9	Pied Harrier	*Circus melanoleucos*	LC	Junction of Subplot 3 and 4
10	Rufous Tree pie	*Dendrocitta vagabunda*	LC	5
11	Spotted Dove	*Spilopelia chinensis*	LC	5, Adjacent to subplot 6
12	Taiga Flycatcher	*Ficedula albicilla*	LC	8

6.7. PERMANENT PLOT: KANKSA

6.7.1. NAME AND LOCATION OF THE AREA

- District: Purba Bardhaman
- Division: Burdwan
- Range: Panagarh
- Beat: Sonai (Kanksa)
- Mouza: Barodoba

Seventh field trip was undertaken during 18th to 21st November 2020 simultaneously in Kanksa under Panagarh Range of Burdwan Forest Division, South West Bengal.

Kanksa is located at 23°28′16″N, 87°27′16″E near Panagarh, Burdwan. It is a part of the Kanksa Ketugram plain, which lies along the Ajay. The river forms a boundary with Birbhum district on the north for a long stretch and then flows through district. The uneven laterite territory found in the western part of Bardhaman district extends up to Ausgram and then the alluvial flood plains commence. The entire Durgapur-Kanksa-Faridpur-Ausgram area was densely forested even in more recent times.

Figure 46: Permanent plot selected at Kanksa

6.7.2. Ground survey:

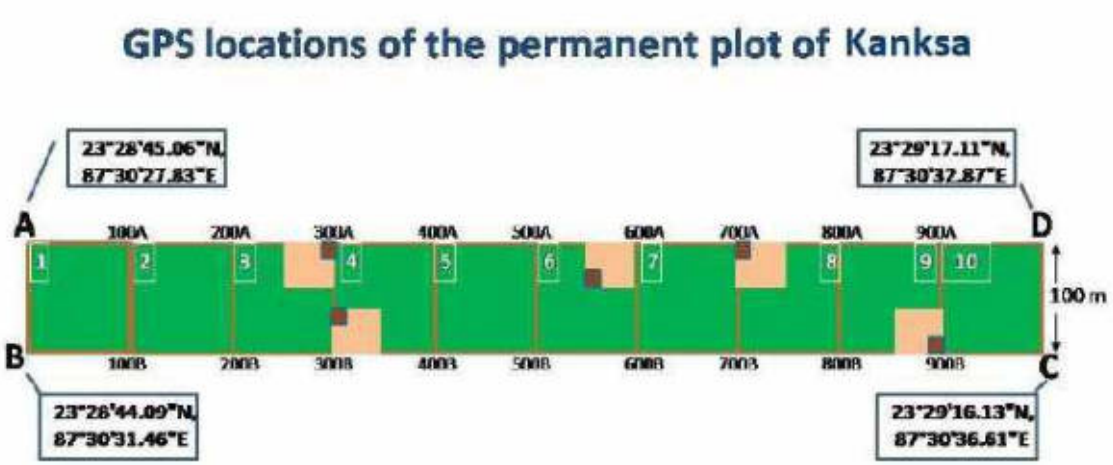


Figure 47: GPS location of the plot with schematic diagram of chosen subplots in Kanksa

Table 86: Latitude / Longitude of all the Subplots in Kanksa

Subplot points	Latitude	Longitude	Tree Name
100 A	23°28'48.46"N	87°30'28.33"E	Sal
100 B	23°28'47.31"N	87°30'31.81"E	Sal
200 A	23°28'51.43"N	87°30'28.94"E	Sal
200 B	23°28'50.33"N	87°30'32.33"E	Sal
300 A	23°28'54.71"N	87°30'29.50"E	Sal
300 B	23°28'53.71"N	87°30'33.07"E	Sal
400 A	23°28'57.93"N	87°30'29.92"E	Sal
400 B	23°28'56.87"N	87°30'33.48"E	Sal
500 A	23°29'1.28"N	87°30'30.54"E	Sal
500 B	23°29'0.17"N	87°30'33.95"E	Sal
600 A	23°29'4.24"N	87°30'31.10"E	Sal
600 B	23°29'3.39"N	87°30'34.52"E	Sal
700 A	23°29'7.60"N	87°30'31.39"E	Piyal
700 B	23°29'6.58"N	87°30'35.03"E	Rahara
800 A	23°29'10.98"N	87°30'32.15"E	Rahara
800 B	23°29'9.96"N	87°30'35.40"E	Sal
900 A	23°29'14.26"N	87°30'32.62"E	Sal
900 B	23°29'13.07"N	87°30'35.93"E	Sal

Table 87: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Kanksa

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 3	50a	23°28'53.08"N	87°30'29.29"E	23°28'54.63"N	87°30'29.56"E
	50b	23°28'52.49"N	87°30'30.99"E		
	50c	23°28'54.17"N	87°30'31.37"E		
Subplot 4	50a	23°28'54.17"N	87°30'31.37"E	23°28'54.25"N	87°30'31.48"E
	50b	23°28'55.67"N	87°30'31.57"E		
	50c	23°28'55.45"N	87°30'33.21"E		
Subplot 6	50a	23°29'2.70"N	87°30'30.85"E	23°29'2.29"N	87°30'32.50"E
	50b	23°29'2.16"N	87°30'32.55"E		
	50c	23°29'3.78"N	87°30'32.82"E		
Subplot 8	50a	23°29'9.42"N	87°30'31.71"E	23°29'7.65"N	87°30'31.58"E
	50b	23°29'8.81"N	87°30'33.52"E		
	50c	23°29'7.14"N	87°30'33.23"E		
Subplot 9	50a	23°29'13.64"N	87°30'34.35"E	23°29'12.99"N	87°30'35.87"E
	50b	23°29'12.10"N	87°30'34.07"E		
	50c	23°29'11.59"N	87°30'35.67"E		

6.7.3. Inventorization of Flora

Table 88: Documentation of all tree species in all the Subplots in Kanksa

Sl. No.	Tree Species	Common name	Sp3	Sp4	Sp6	Sp8	Sp9	Total
1	*Aegle marmelos*	Bel			1			**1**
2	*Buchanania lanzan*	Piyal	7	10	35	24	17	**93**
3	*Cassia fistula*	Sonalu			4	16		**20**
4	*Dillenia pentagyna*	Tatari				2	2	**4**
5	*Diospyros excelsa*	Kendu	1		1			**2**
6	*Lannea coromandelica*	Kachmola/Geol/Doka	1	5	6	27	20	**59**
7	*Madhuca latifolia*	Mahua	49	104	77	87	77	**394**
8	*Pterocarpus marsupium*	Piyasal	21	34	45	165	131	**396**
9	*Semecarpas anacardium*	Vella			2	8	10	**20**
10	*Shorea robusta*	Sal	515	690	731	879	752	**3567**
11	*Stereospermum suaveolens*	Parul					1	**1**
12	*Terminalia arjuna*	Arjun		2		1		**3**
13	*Terminalia bellerica*	Bahera			1			**1**
14	*Terminalia tomentosa*	Asan			1	2	13	**16**
Total			**594**	**845**	**904**	**1211**	**1023**	**4577**

Table 89: Statistical analysis of all the Tree Species in Kanksa

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aegle marmelos*	1	20	2.38	0.20	0.02	1.00	0.11	2.51	**0.38**	**0.84**
2	*Buchanania lanzan*	93	100	11.90	18.60	2.03	18.60	2.00	15.93		
3	*Cassia fistula*	20	40	4.76	4.00	0.44	10.00	1.07	6.27		
4	*Dillenia pentagyna*	4	40	4.76	0.80	0.09	2.00	0.21	5.06		
5	*Diospyros excelsa*	2	40	4.76	0.40	0.04	1.00	0.11	4.91		
6	*Lannea coromandelica*	59	100	11.90	11.80	1.29	11.80	1.27	14.46		
7	*Madhuca latifolia*	394	100	11.90	78.80	8.61	78.80	8.46	28.97		
8	*Pterocarpus marsupium*	396	100	11.90	79.20	8.65	79.20	8.50	29.06		
9	*Semecarpas anacardium*	20	60	7.14	4.00	0.44	6.67	0.72	8.30		
10	*Shorea robusta*	3567	100	11.90	713.40	77.93	713.40	76.60	166.44		
11	*Stereospermum suaveolens*	1	20	2.38	0.20	0.02	1.00	0.11	2.51		
12	*Terminalia arjuna*	3	40	4.76	0.60	0.07	1.50	0.16	4.99		
13	*Terminalia bellerica*	1	20	2.38	0.20	0.02	1.00	0.11	2.51		
14	*Terminalia tomentosa*	16	60	7.14	3.20	0.35	5.33	0.57	8.07		

a. Tree Species:

A total number of 4577 tree individuals distributed among only 14 tree species were documented from Kanksa's permanent plot. *Shorea robusta* (IVI = 166.44) was the dominant species and with the highest number individual trees of 3567 accounting for more than 78% of the total trees recorded from this site, followed by *Pterocarpus marsupium* (IVI = 29.06) with 396 trees and *Madhuca latifolia* (IVI = 28.97) with 394 trees.

11 of the 14 species occurred in Subplot 6 represented highest diversity of tree species.

Buchanania lanzan, Lannea coromandelica, Madhuca latifolia, Pterocarpus marsupium and *Shorea robusta* found in all the subplots recorded the highest frequency of 100%, whereas *Aegle marmelos, Stereospermum suaveolens* and *Terminalia bellerica* which occurred in only one of the 5 subplots were found to have least frequency (20%). Of *these Aegle marmelos, Stereospermum suaveolens* and *Terminalia bellerica* contributed with only single individual in the subplot wherever they were present.

The Simpson's Diversity Index (0.38) and Shannon's Diversity Index (0.84) of tree species indicated that the plot is moderately diverse (richness and evenness). Simpson's Diversity index also explains that there is 38% chance that 2 individuals selected at random from this plot would be from different tree species.

Pterocarpus marsupium was recorded as the tallest tree with a height of 10.68 m and a maximum GBH of 46.77 cm (subplot-4) and *Diospyros excelsa* was recorded as the shortest tree with a height of 3.05 m and GBH of 15.24 cm (subplot-6) (Table: 90).

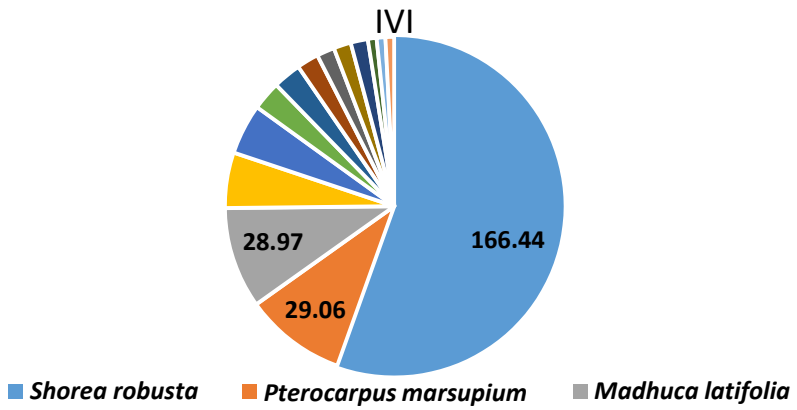


Figure 48: IVI Values of Dominant Tree Species in Kanksa

Table 90: Average Height and GBH of trees at all the subplots in Kanksa

Sl. No.	Scientific Names	SP6		SP8		SP4		SP3		SP9	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Aegle mermalos*	6.10	25.40								
2	*Buchanania lanzan*	6.48	28.67	6.95	31.12	8.02	30.48	5.31	28.30	8.32	33.47
3	*Cassia fistula*	8.08	46.36	7.33	38.58						
4	*Dillenia pentagyna*			4.11	30.48					5.64	38.10
5	*Diospyros excelsa*	3.05	15.24					4.57	25.40		
6	*Lannea coromandelica*	3.35	23.71	4.21	22.77	4.75	23.88	3.66	25.40	4.94	26.42
7	*Madhuca latifolia*	6.69	36.52	8.54	37.14	7.34	34.61	8.15	43.44	8.25	34.64
8	*Pterocarpus marsupium*	8.40	40.24	9.53	37.82	10.68	46.77	10.03	44.99	9.17	34.30
9	*Semecarpas anacardium*	3.35	17.78	5.64	23.18					6.16	26.67
10	*Shorea robusta*	7.08	28.77	10.02	39.41	7.96	33.42	7.30	33.40	10.20	37.71
11	*Sterospermum suaveolens*									4.57	25.40
12	*Terminalia arjuna*			4.57	20.32	4.11	25.40				
13	*Terminalia bellirica*	6.10	30.48								
14	*Terminalia tomentosa*	3.66	22.86	5.03	21.59					5.67	25.20

Table 91: Documentation of Shrub species (including tree saplings) in all the Subplots in Kanksa

Sl. No.	Shrub Species	Common name	Sp3	Sp4	Sp6	Sp8	Sp9	Total
1	*Acacia farnesiana*	Ruirui	26		37	15	15	**93**
2	*Gardenia gummifera*	Bhurru	67	58	55	26	48	**254**
3	*Grewia helicterifolia*		43	35	29	18	25	**150**
4	*Phoenix acaulis*	Kitte	58	60	61	34	27	**240**
5	*Phyllodium pulchellum*		21	27		27	27	**102**
6	*Randia spinosa*	Goral Kanta	50	54		44	54	**202**
7	*Ziziphus oenoplia*	Kasi Kul/Buda Kul	23	30	25	28	23	**129**
Total			**288**	**264**	**207**	**192**	**219**	**1170**

Table 92: Statistical analysis of all the Shrub Species (including tree saplings) in Kanksa

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia farnesiana*	93	80	12.5	74.40	7.95	23.25	9.16	29.61	**0.84**	**1.76**
2	*Gardenia gummifera*	254	100	15.63	203.20	21.71	50.80	20.01	57.35		
3	*Grewia helicterifolia*	150	100	15.63	120.00	12.82	30.00	11.82	40.26		
4	*Phoenix acaulis*	240	100	15.63	192.00	20.51	48.00	18.91	55.05		
5	*Phyllodium pulchellum*	102	80	12.5	81.60	8.72	25.50	10.05	31.26		
6	*Randia spinosa*	202	80	12.5	161.60	17.26	50.50	19.89	49.66		
7	*Ziziphus oenoplia*	129	100	15.63	103.20	11.03	25.80	10.16	36.81		

b. Shrub Species:

A total number of 1170 individuals under 7 shrub species were documented from this permanent plot.

The dominant shrub vegetation was *Gardenia gummifera* (IVI = 57.35), *Phoenix acaulis* (IVI = 55.05), *Randia spinosa* (IVI = 49.66), *Grewia helicterifolia* (IVI = 40.26), *Ziziphus oenoplia* (IVI = 36.81), *Phyllodium pulchellum* (IVI = 31.26) and *Acacia farnesiana* (IVI = 29.61).

Maximum number of individuals was also contributed by *Gardenia gummifera* (254), *Phoenix acaulis* (240) and *Randia spinosa* (202).

The highest frequency (100%) was seen in *Gardenia gummifera, Ziziphus oenoplia, Grewia helicterifolia* and *Phoenix acaulis* which were found in all the subplots. The remaining species were also with high frequency (80%) in this permanent plot.

The Simpson's Diversity index (0.84) and Shannon's Diversity Index (1.76) indicated that the plot sustained moderate diversity with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 84% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

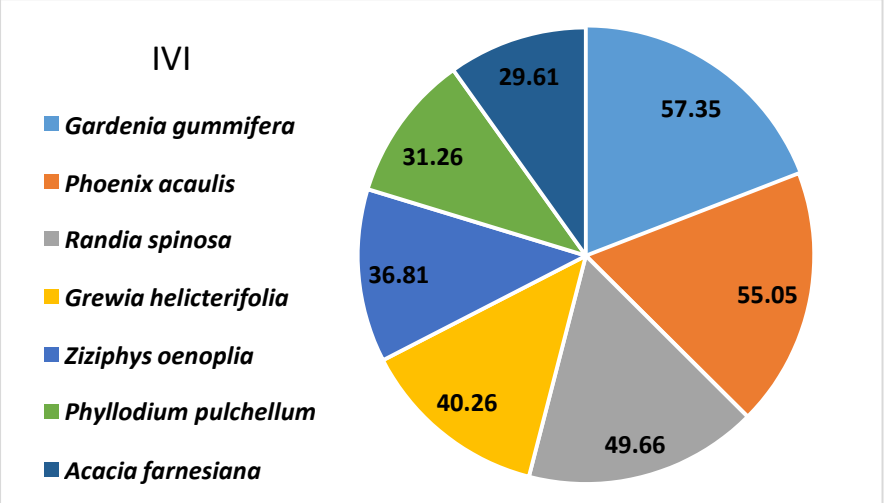


Figure 49: IVI Values of Dominant Shrubs (including tree saplings) in Kanksa

Table 93: Documentation of Liana species in all the Subplots in Kanksa

Sl. No.	Liana Species	Common name	Sp3	Sp4	Sp6	Sp8	Sp9	Total
1	*Dioscorea bulbifera*	Kappu/Khamalu	38	24		41		**103**
2	*Dioscorea esculenta*	Chupri Alu			27		34	**61**
3	*Smilax zeylanica*	Ram Dantan	46	46		39	46	**177**
4	*Stephania hernandifolia*		16	26		14	2	**58**
Total			**100**	**96**	**27**	**94**	**82**	**399**

Table 94: Statistical analysis of all the Liana species in Kanksa

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Dioscorea bulbifera*	103	60	23.08	82.40	25.81	34.33	27.78	76.67	**0.69**	**1.28**
2	*Dioscorea esculenta*	61	40	15.38	48.80	15.29	30.50	24.68	55.35		
3	*Smilax zeylanica*	177	80	30.77	141.60	44.36	44.25	35.81	110.94		
4	*Stephania hernandifolia*	58	80	30.77	46.40	14.54	14.50	11.73	57.04		

c. Liana Species:

A total number of 399 individuals under 4 liana species were recorded from this permanent plot.

The vegetation was mostly dominated by *Smilax zeylanica* (IVI = 110.94) followed by *Dioscorea bulbifera* (IVI = 76.67), *Stephania hernandifolia* (IVI = 57.04) and *Dioscorea esculenta* (IVI = 55.35). Maximum number of individuals was also contributed by *Smilax zeylanica* (177) and *Dioscorea bulbifera* (103).

None of the four liana species was found to exist in all the nested subplots. *Smilax zeylanica* and *Stephania hernandifolia* were found in four subplots with 80% frequency whereas *Dioscorea bulbifera* (60%) was found in three subplots and *Dioscorea esculenta* (40%) was found in two subplots.

The Simpson's Diversity index (0.69) and Shannon's Diversity Index (1.28) indicated that the plot sustained less diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 69% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

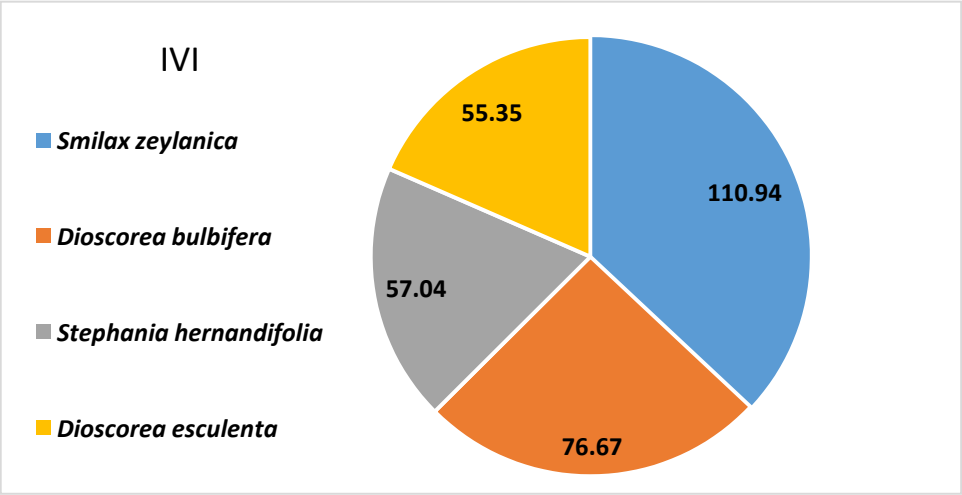


Figure 50: IVI Values of Dominant Liana species in Kanksa

Table 95: Documentation of all Herb species in all the nested Subplots in Kanksa

Sl. No.	Herb Species	Common name	Sp3	Sp4	Sp6	Sp8	Sp9	Total
1	*Acilepis sp.*		6		13	4	3	**26**
2	*Andrographis paniculata*	Kalmegh			15			**15**
3	*Aristida adscensionis*		20	20	50			**90**
4	*Barleria cristata*	Jhinti	10	6	5	1	4	**26**
5	*Bothriochloa ischaemum*		9	10				**19**
6	*Canscora decussata*		4		5			**9**
7	*Cyanthillium cinereum*				7			**7**
8	*Cyperus rotundus*		18	18				**36**
9	*Desmodium triflorum*		31	29	12		21	**93**
10	*Digitaria bicornis*					15	12	**27**
11	*Evolvulus alsinoides*						6	**6**
12	*Gynura cusimbua*	Bon Sorisha			8	2		**10**
13	*Mimosa pudica*	Lojjabati	4	4				**8**
14	*Oldenlandia corymbosa*				2			**2**
15	*Phalaris minor*			3				**3**
16	*Phyllocephalum scabridum*		35	35		8		**78**
17	*Rhynchosia rufescens*		6	2				**8**
Total			**143**	**127**	**117**	**30**	**46**	**463**

Table 96: Statistical analysis of all the Herb Species in Kanksa

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acilepis sp.*	26	80	10.53	520	5.62	6.50	3.56	19.70	**0.87**	**2.35**
2	*Andrographis paniculata*	15	20	2.63	300	3.24	15.00	8.22	14.09		
3	*Aristida adscensionis*	90	60	7.89	1800	19.44	30.00	16.44	43.78		
4	*Barleria cristata*	26	100	13.16	520	5.62	5.20	2.85	21.62		
5	*Bothriochloa ischaemum*	19	40	5.26	380	4.10	9.50	5.21	14.57		

6	*Canscora decussata*	9	40	5.26	180	1.94	4.50	2.47	9.67
7	*Cyanthillium cinereum*	7	20	2.63	140	1.51	7.00	3.84	7.98
8	*Cyperus rotundus*	36	40	5.26	720	7.78	18.00	9.87	22.90
9	*Desmodium triflorum*	93	80	10.53	1860	20.09	23.25	12.74	43.36
10	*Digitaria bicornis*	27	40	5.26	540	5.83	13.50	7.40	18.49
11	*Evolvulus alsinoides*	6	20	2.63	120	1.30	6.00	3.29	7.22
12	*Gynura cusimbua*	10	40	5.26	200	2.16	5.00	2.74	10.16
13	*Mimosa pudica*	8	40	5.26	160	1.73	4.00	2.19	9.18
14	*Oldenlandia corymbosa*	2	20	2.63	40	0.43	2.00	1.10	4.16
15	*Phalaris minor*	3	20	2.63	60	0.65	3.00	1.64	4.92
16	*Phyllocephalum scabridum*	78	60	7.89	1560	16.85	26.00	14.25	38.99
17	*Rhynchosia rufescens*	8	40	5.26	160	1.73	4.00	2.19	9.18

d. Herb Species:

Among all the 14 permanent plots, the lowest number of individual herbs (463) belonging to 16 herbaceous species were documented here.

The vegetation was dominated by *Aristida adscensionis* (IVI = 43.78), *Desmodium triflorum* (IVI = 43.36), *Phyllocephalum scabridum* (IVI = 38.99), *Cyperus rotundus* (IVI = 22.90), *Barleria cristata* (IVI = 21.62) and *Acilepis sp*. (IVI = 20.04). Maximum numbers of individuals were contributed by *Desmodium triflorum* (93) followed by *Aristida adscensionis* (90) and *Phyllocephalum scabridum* (78).

With maximum frequency (100%) *Barleria cristata* was found in all the subplots. *Andrographis paniculata, Cyanthillium cinereum, Evolvulus alsinoides, Oldenlandia corymbosa* and *Phalaris minor* were found to have least frequency (20%) and documented only from a single subplot. *Oldenlandia corymbosa, Phalaris minor, Evolvulus alsinoides, Cyanthillium cinereum, Mimosa pudica, Rhynchosia rufescens* and *Canscora decussata* were observed to have minimum contribution to the herbaceous ground vegetation ranging from 2-9 individuals.

The Simpson's Diversity index (0.87) and Shannon's Diversity Index (2.35) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 87% chance that 2 individuals selected at random from this plot would be from different herb species.

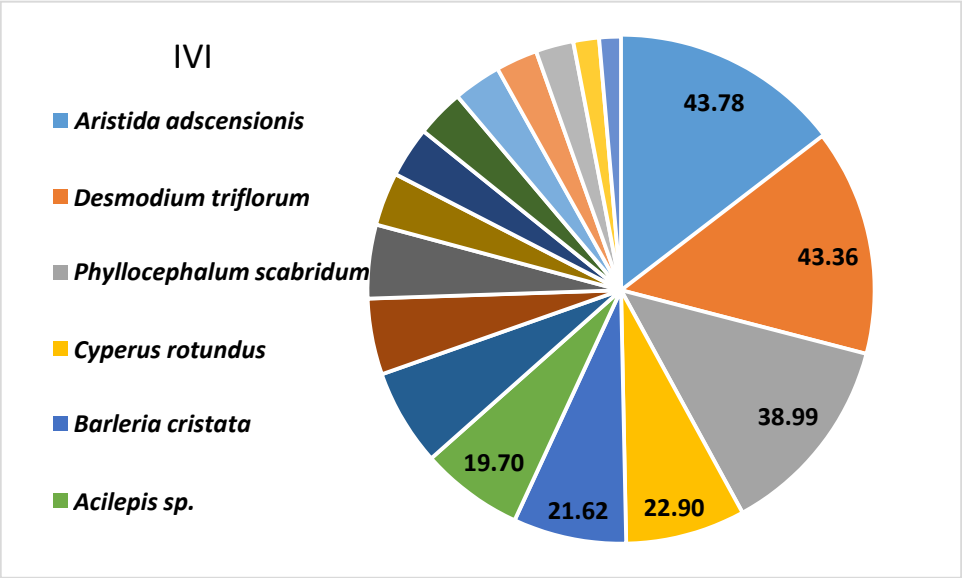


Figure 51: IVI Values of Dominant Herb Species in Kanksa

Table 97: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Kanksa

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp3	Sp4	Sp6	Sp8	Sp9	Total
1	*Asparagus racemosus*	Satamuli				1		**1**
2	*Cajanus scrabareoides*	Kurthi	20	20	17	12	10	**79**
3	*Hemidesmus indicus*	Anantamul	6	12	6	5	8	**37**
4	*Smilax aspera*		4	12	4	2	7	**29**
5	*Stephania elegans*		16	16		14	2	**48**
6	*Vigna radiata*	Mug	5	5				**10**
Total			**51**	**65**	**27**	**34**	**27**	**204**

Table 98: Statistical analysis of all the Scrambler, creeper and twiner species in Kanksa

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	1	20	4.55	20	0.49	1.00	2.13	7.16	**0.74**	**1.47**
2	*Cajanus scrabareoides*	79	100	22.73	1580	38.73	15.80	33.62	95.07		
3	*Hemidesmus indicus*	37	100	22.73	740	18.14	7.40	15.74	56.61		
4	*Smilax aspera*	29	100	22.73	580	14.22	5.80	12.34	49.28		
5	*Stephania elegans*	48	80	18.18	960	23.53	12.00	25.53	67.24		
6	*Vigna radiata*	10	40	9.09	200	4.90	5.00	10.64	24.63		

e. Scrambler, creeper and twiner species:

A total number of 204 individuals under 6 scrambler, creeper and twiner species were documented from this permanent plot.

The climber vegetation was mostly dominated by *Cajanus scrabareoides* (IVI = 95.07) followed by *Stephania elegans* (IVI = 67.24), *Hemidesmus indicus* (IVI = 56.61), *Smilax aspera* (IVI = 49.28) and

Vigna radiata (IVI = 24.63). Maximum number of individuals was also contributed by *Cajanus scrabareoides* (79).

With maximum frequency (100%) *Cajanus scrabareoides, Hemidesmus indicus* and *Smilax aspera* were found in all the subplots. *Asparagus racemosus*, having 20% frequency, existed in subplot 8 and contributed with 1 individual only.

The Simpson's Diversity index (0.74) and Shannon's Diversity Index (1.47) indicated moderate diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 74% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

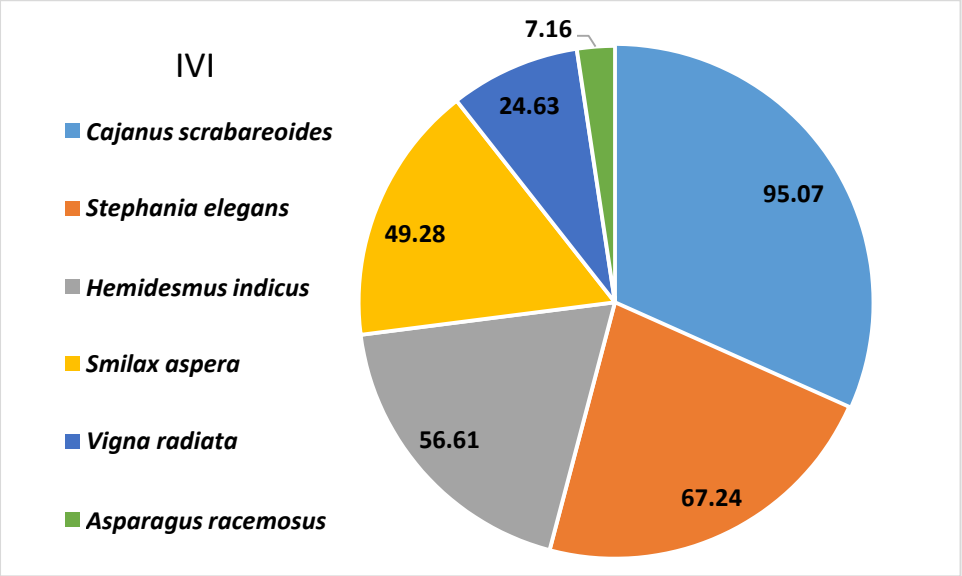


Figure 52: IVI Values of Dominant Scrambler, creeper and twiner species in Kanksa

6.7.4. Inventory of Associated Bird Species

During field trip 8 species of birds were documented in the selected subplots including uncommon birds like Yellow eyed babbler. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 99: All Bird species documented Subplot wise in Kanksa

Sl. No.	Common Name	Scientific Name	IUCN Status	Subplots
1	Ashy wood-swallow	*Artamus fuscus*	LC	Junction of 6 & 7
2	Asian Palm Swift	*Cypsiurus balasiensis*	LC	3
3	Black-hooded oriole	*Oriolus xanthornus*	LC	3, 10
4	Jungle babbler	*Turdoides striata*	LC	3
5	Oriental Magpie Robin	*Copsychus saularis*	LC	3
6	Red vented bulbul	*Pycnonotus cafer*	LC	3
7	White throated fantail	*Rhipidura albicollis*	LC	4
8	Yellow eyed babbler	*Chrysomma sinense*	LC	3

6.8. PERMANENT PLOT: TIRAT-ASANSOLE

6.8.1. NAME AND LOCATION OF THE AREA

- District: Paschim Bardhaman
- Division: Durgapur
- Range: Asansole
- Beat: Sarishatali
- Mouza: Jamgram

Eighth field trip was undertaken during 22th to 25th November 2020 in Tirat-Asansole under Asansole Range of Durgapur Forest Division, South West Bengal.

Jamgram is a Village in Barabani Block in Paschim Bardhaman District of West Bengal State, India. This Place is in the border of the Bardhaman District and Jamtara District. Jamtara District Nala is North towards this place. Also, it is in the Border of other district Purulia. It is near to the Jharkhand State Border. The whole belt is famous for its coal mines.

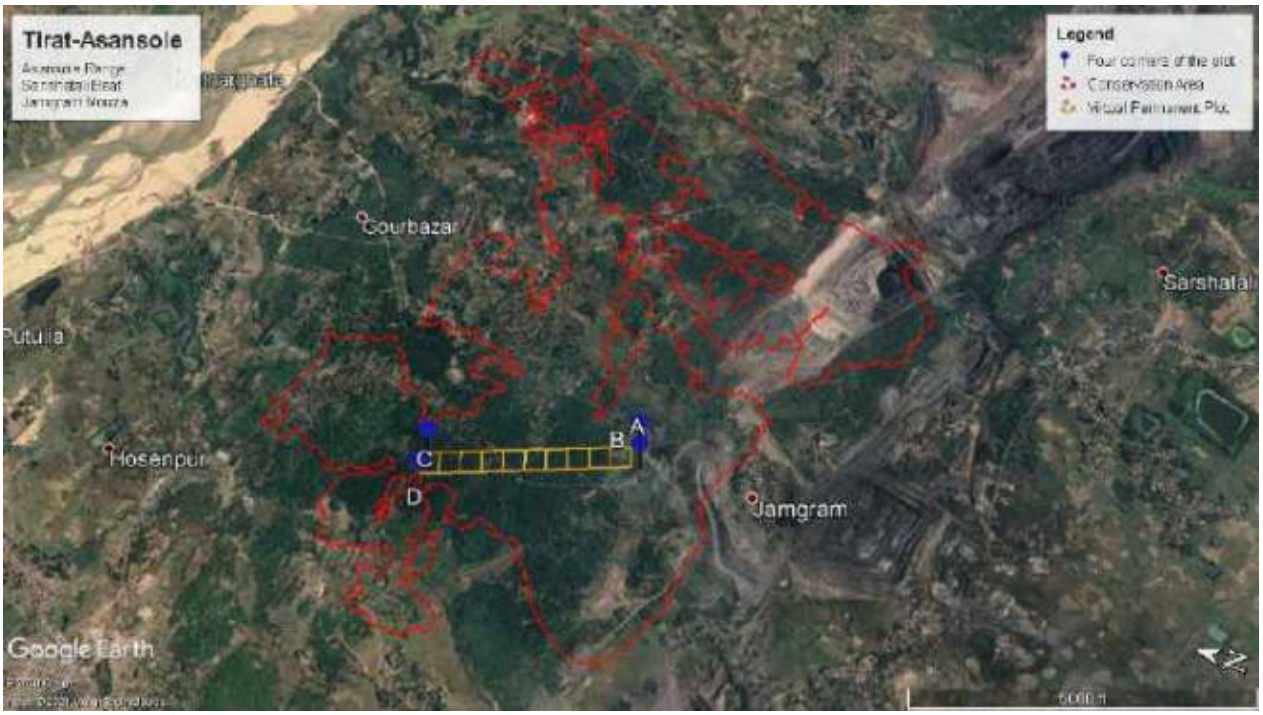


Figure 53: Permanent plot selected at Tirat-Asansole (Jamgram)

6.8.2. Ground survey:

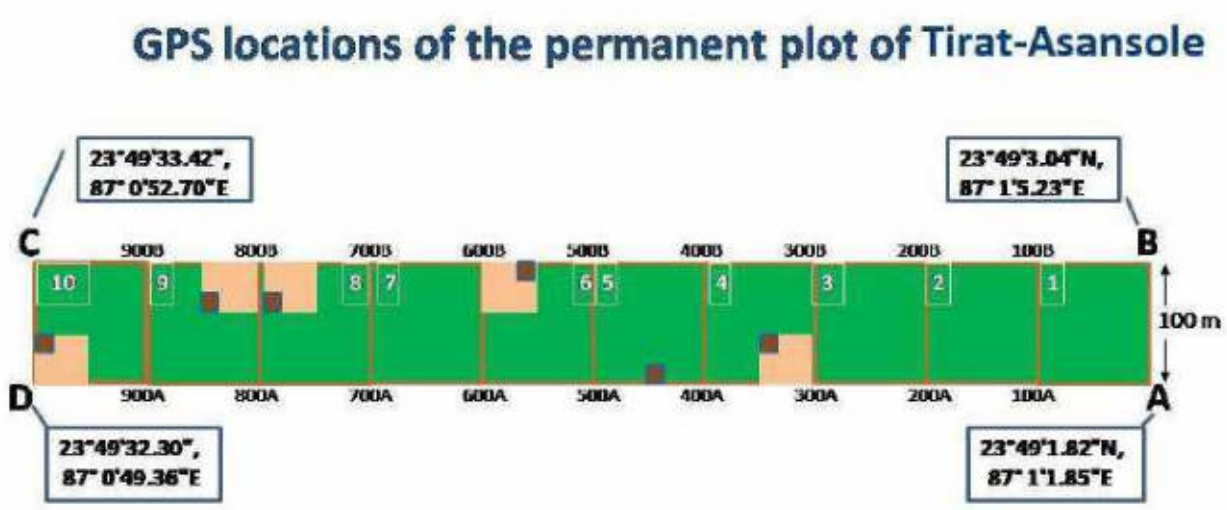


Figure 54: GPS location of the plot with schematic diagram of chosen subplots in Tirat-Asansole (Jamgram)

Table 100: Latitude / Longitude of all the Subplots Tirat-Asansole (Jamgram)

Subplot points	Latitude	Longitude	Tree Name
100 A	23°49'4.97"N	87° 1'0.62"E	Mohua
100 B	23°49'6.16"N	87° 1'3.94"E	Saal
200 A	23°49'8.02"N	87° 0'59.44"E	Saal
200 B	23°49'9.07"N	87° 1'2.73"E	Saal
300A	23°49'11.09"N	87° 0'58.14"E	Piyal
300 B	23°49'12.16"N	87° 1'1.42"E	Sal
400 A	23°49'14.18"N	87° 0'56.92"E	Piyal
400 B	23°49'15.07"N	87° 1'0.26"E	Saal
500 A	23°49'17.10"N	87° 0'55.67"E	Mahua
500 B	23°49'18.16"N	87° 0'58.93"E	Mahua
600 A	23°49'20.20"N	87° 0'54.32"E	Mahua
600 B	23°49'21.18"N	87° 0'57.60"E	Mahua
700 A	23°49'23.31"N	87° 0'53.12"E	Mahua
700 B	23°49'24.32"N	87° 0'56.41"E	Piyal
800 A	23°49'26.36"N	87° 0'51.84"E	Mahua
800 B	23°49'27.32"N	87° 0'55.21"E	Mahua
900 A	23°49'29.36"N	87° 0'50.57"E	
900 B	23°49'30.50"N	87° 0'53.96"E	Mahua

Table 101: Latitude / Longitude of the Nested subplots for Shrubs and Herbs Tirat-Asansole (Jamgram)

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 4	50a	23°49'11.58"N	87° 0'59.72"E	23°49'12.80"N	87° 0'58.85"E
	50b	23°49'13.09"N	87° 0'58.95"E		
	50c	23°49'12.69"N	87° 0'57.47"E		
Subplot 6	50a	23°49'19.83"N	87° 0'58.30"E	23°49'19.88"N	87° 0'57.99"E
	50b	23°49'19.27"N	87° 0'56.64"E		
	50c	23°49'20.74"N	87° 0'56.08"E		
Subplot 8	50a	23°49'25.82"N	87° 0'55.81"E	23°49'26.68"N	87° 0'53.58"E
	50b	23°49'25.24"N	87° 0'54.09"E		
	50c	23°49'26.82"N	87° 0'53.48"E		
Subplot 9	50a	23°49'28.96"N	87° 0'54.59"E	23°49'28.35"N	87° 0'53.10"E
	50b	23°49'28.35"N	87° 0'52.82"E		
	50c	23°49'26.82"N	87° 0'53.48"E		
Subplot 10	50a	23°49'32.92"N	87° 0'51.11"E	23°49'32.74"N	87° 0'51.04"E
	50b	23°49'31.38"N	87° 0'51.66"E		
	50c	23°49'30.79"N	87° 0'50.08"E		

6.8.3. Inventorization of Flora

Table 102: Documentation of all tree species in all the Subplots Tirat-Asansole (Jamgram)

Sl. No.	Tree Species	Common name	Sp8	Sp9	Sp10	Sp6	Sp4	Total
1	*Acacia catechu*	Khayer			3		3	**6**
2	*Adina cordifolia*	Korom/Holdu		2	1			**3**
3	*Anogeissus latifolia*	Dhaw	19	31	14	87	8	**159**
4	*Antidesma ghaesembilla*	Mathasuro		3			3	**6**
5	*Azadirachta indica*	Neem			1			**1**
6	*Bridelia retusa*	Bhuans/Kosai	12	10	4	20	10	**56**
7	*Buchanania lanzan*	Piyal	224	250	309	147	256	**1186**
8	*Butea monosperma*	Palash	1		1		3	**5**
9	*Careya arborea*	Astha/Kumbhi	4	1	2	1		**8**
10	*Cassia fistula*	Bandorlathi/Sonalu	1	1				**2**
11	*Dalbargia latifolia*	Sweti Sal		1	4	2	3	**10**
12	*Dillenia indica*	Chalta	1	2	9	2		**14**
13	*Diospyros excelsa*	Kendu	2	1	2	1	1	**7**
14	*Erythrina indica*	Vurkunra	8			3		**11**
15	*Flacourtia indica*	Choto Boichi	9	2	3	5	9	**28**
16	*Flacourtia jangomas*	Boro Boichi	1	1	8	1	5	**16**
17	*Gardenia latifolia*	Popro/Dombhurru		2	1	2	1	**6**
18	*Glochidion lanceolarium*				2			**2**
19	*Gmelia arborea*	Gamar	1					**1**

20	*Holarrhena antidysenterica*	Kurchi	2	3	11			**16**
21	*Ixora arborea*	Loha Jangi		1	1	1		**3**
22	*Lagerstroemia parviflora*	Sidha	20	14	14	14	30	**92**
23	*Lannea coromandelica*	Kachmola/Doka	31	14	18	24	9	**96**
24	*Madhuca latifolia*	Mahua	200	197	96	177	77	**747**
25	*Mitragyna parviflora*	Keli Kadam			1			**1**
26	*Morinda citrifolia*	Noni			1			**1**
27	*Pterocarpus marsupium*	Piyasal/Murga	15	21	3	3		**42**
28	*Semecarpas anacardium*	Vella	36	39	38	31	38	**182**
29	*Shorea robusta*	Sal	190	294	329	157	253	**1223**
30	*Symplocos recemosa*	Lodh		16	5	6	8	**35**
31	*Syzygium cumini*	Chudui/Khudi Jam		1	5	1	1	**8**
32	*Syzygium jambolanum*	Jam		1	1			**2**
33	*Terminalia bellirica*	Bahera	4	3	3	1	6	**17**
34	*Terminalia chebula*	Haritaki	22	13	16	20	17	**88**
35	*Terminalia tomentosa*	Asan	40	30	46	29	16	**161**
36	*Ziziphus mauritiana*	Kul	4	4	1	6	1	**16**
Total			**847**	**958**	**953**	**741**	**758**	**4257**

Table 103: Statistical analysis of all the Tree Species Tirat-Asansole (Jamgram)

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia catechu*	6	40	1.55	1.20	0.14	3.00	0.34	2.03	**0.8**	**2.06**
2	*Adina cordifolia*	3	40	1.55	0.60	0.07	1.50	0.17	1.79		
3	*Anogeissus latifolia*	159	100	3.88	31.80	3.74	31.80	3.64	11.25		
4	*Antidesma ghaesembilla*	6	40	1.55	1.20	0.14	3.00	0.34	2.03		
5	*Azadirachta indica*	1	20	0.78	0.20	0.02	1.00	0.11	0.91		
6	*Bridelia retusa*	56	100	3.88	11.20	1.32	11.20	1.28	6.47		
7	*Buchanania lanzan*	1186	100	3.88	237.20	27.86	237.20	27.12	58.86		
8	*Butea monosperma*	5	60	2.33	1.00	0.12	1.67	0.19	2.63		
9	*Careya arborea*	8	80	3.10	1.60	0.19	2.00	0.23	3.52		
10	*Cassia fistula*	2	40	1.55	0.40	0.05	1.00	0.11	1.71		
11	*Dalbargia latifolia*	10	80	3.10	2.00	0.23	2.50	0.29	3.62		
12	*Dillenia indica*	14	80	3.10	2.80	0.33	3.50	0.40	3.83		
13	*Diospyros excelsa*	7	100	3.88	1.40	0.16	1.40	0.16	4.20		
14	*Erythrina indica*	11	40	1.55	2.20	0.26	5.50	0.63	2.44		
15	*Flacourtia indica*	28	100	3.88	5.60	0.66	5.60	0.64	5.17		
16	*Flacourtia jangomas*	16	100	3.88	3.20	0.38	3.20	0.37	4.62		
17	*Gardenia latifolia*	6	80	3.10	1.20	0.14	1.50	0.17	3.41		
18	*Glochidion lanceolarium*	2	20	0.78	0.40	0.05	2.00	0.23	1.05		
19	*Gmelia arborea*	1	20	0.78	0.20	0.02	1.00	0.11	0.91		
20	*Holarrhena antidysenterica*	16	60	2.33	3.20	0.38	5.33	0.61	3.31		
21	*Ixora arborea*	3	60	2.33	0.60	0.07	1.00	0.11	2.51		
22	*Lagerstroemia parviflora*	92	100	3.88	18.40	2.16	18.40	2.10	8.14		
23	*Lannea coromandelica*	96	100	3.88	19.20	2.26	19.20	2.20	8.33		

24	*Madhuca latifolia*	747	100	3.88	149.40	17.55	149.40	17.08	38.51
25	*Mitragyna parviflora*	1	20	0.78	0.20	0.02	1.00	0.11	0.91
26	*Morinda citrifolia*	1	20	0.78	0.20	0.02	1.00	0.11	0.91
27	*Pterocarpus marsupium*	42	80	3.10	8.40	0.99	10.50	1.20	5.29
28	*Semecarpas anacardium*	182	100	3.88	36.40	4.28	36.40	4.16	12.31
29	*Shorea robusta*	1223	100	3.88	244.60	28.73	244.60	27.97	60.57
30	*Symplocos recemosa*	35	80	3.10	7.00	0.82	8.75	1.00	4.92
31	*Syzygium cumini*	8	80	3.10	1.60	0.19	2.00	0.23	3.52
32	*Syzygium jambolanum*	2	40	1.55	0.40	0.05	1.00	0.11	1.71
33	*Terminalia bellirica*	17	100	3.88	3.40	0.40	3.40	0.39	4.66
34	*Terminalia chebula*	88	100	3.88	17.60	2.07	17.60	2.01	7.96
35	*Terminalia tomentosa*	161	100	3.88	32.20	3.78	32.20	3.68	11.34
36	*Ziziphus mauritiana*	16	100	3.88	3.20	0.38	3.20	0.37	4.62

a. Tree Species:

A total of 4257 trees comprising of 36 species, were documented from all the 5 random subplots chosen in this permanent plot at Asansole. Of these 36 species of trees, *Shorea robusta* (Sal) was the dominant species and was recorded nearly the highest numbers from all the subplots. In fact, a total of 1223 individuals of Sal were documented accounting for nearly a little more than 25% of all the trees recorded here. The other species that recorded substantial individuals like *Shorea robusta* was *Buchanania lanzan* with a total of 1186 trees, followed by *Madhuca latifolia* with a total of 747 individuals.

There were also other 12 species (*Anogeissus latifolia, Bridelia retusa, Diospyros excela, Flacourtia indica, Flacourtia jangomas, Lagerstroemia parviflora, Lannea coromandelica, Semecarpas anacardium*) which was found in all the 5 subplots. However, the individual trees recorded in these species ranged from a low of 7 trees (*Diospyros excelsa*) to a high of 182 individuals (*Semecarpas anacardium*), 161 trees (*Terminalia tomentosa*) and 159 trees (*Anogeissus latifolia*).

In contrast *Azadirachta indica, Glochidion lanceolarium, Gmelia arborea, Mitragyna parviflora* and *Morinda citrifolia* were recorded from only one subplot each, and four of them (*Azadirachta indica, Gmelia arborea, Mitragyna parviflora* and *Morinda citrifolia*) occurred as only one individual tree in the subplot that were found.

It was seen that 10 species (*Acacia catechu, Adina cordifolia, Antidesma ghaesembilla, Butea monosperma, Careya arborea, Cassia fistula, Gardenia latifolia, Ixora arborea, Syzygium cumini, Syzygium jambolanum*) though occurred in two or more subplots recorded less than 10 individual trees each.

Subplot 10 represented highest diversity of tree species (32) out of a total of 36 recorded species from this plot at Asansole.

Fifteen species (*Anogeissus latifolia, Bridelia retusa, Buchanania lanzan, Diospyros excelsa, Flacourtia indica, Flacourtia jangomas, Lagerstroemia parviflora, Lannea coromandelica, Madhuca latifolia, Semecarpas anacardium, Shorea robusta, Terminalia bellirica, Terminalia chebula, Terminalia tomentosa and Ziziphus mauritiana*) recorded 100% frequency.

However, *Shorea robusta* (Sal) revealed the highest density (244.60 per ha.) and abundance (244.60) followed by *Buchanania lanzan* with a density of 237.20 per ha. and an abundance of 237.20 and finally *Madhuca latifolia* (density-149.40 per ha. and abundance of 149.40)

Moreover, since the vegetation was noticeably dominated by these three species, it is understandable that *Shorea robusta* had the highest IVI value of 60.57, followed by *Buchanania lanzan* (IVI = 58.86) and *Madhuca latifolia* (IVI = 38.51)

Both Simpson's Diversity Index (0.80) and Shannon's Diversity Index (2.06) showed High in species diversity with a presence of 36 species. Simpson's Diversity Index also shows that there is 80% chance that 2 individuals selected at random from this plot would be from different tree species.

Diospyros excelsa was recorded as the tallest tree with a height of 13.72 m and a maximum GBH of 101.60 cm (subplot-4) and *Flacourtia jangomas* was recorded as the shortest tree with a height of 3.05 m and GBH of 43.18 cm (subplot-9) (Table: 104).

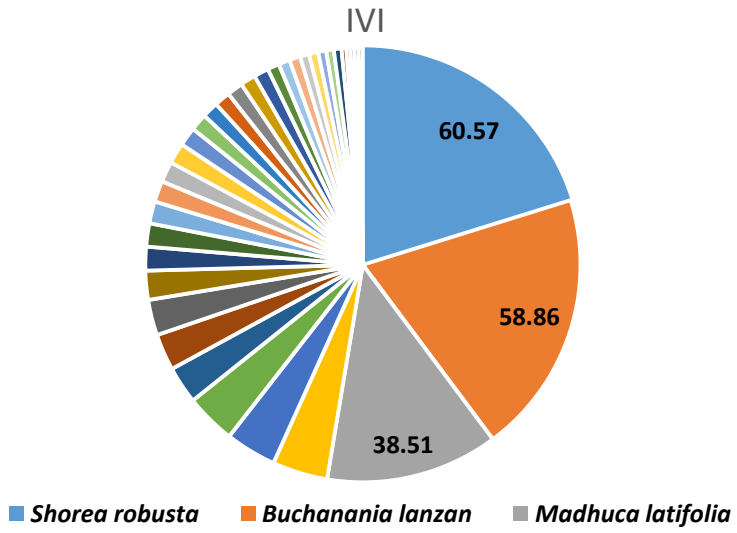


Figure 55: IVI Values of Dominant Tree Species Tirat-Asansole (Jamgram)

Table 104: Average Height and GBH of trees at all the subplots Tirat-Asansole (Jamgram)

Sl. No.	Scientific Names	SP 8		SP 9		SP 10		SP 6		SP 4	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia catechu*					6.10	28.79			4.98	28.79
2	*Adina cordifolia*			5.94	53.34	6.10	35.56				
3	*Anogeissus latifolia*	6.91	34.90	6.34	33.59	6.20	33.93	9.14	40.03	7.47	37.47
4	*Antidesma ghaesembilla*			5.59	29.63					5.49	33.87
5	*Azadirachta indica*					9.14	101.60				
6	*Bridelia retusa*	6.96	42.12	6.46	39.88	8.84	55.25	6.42	37.34	6.31	36.07
7	*Buchanania lanzan*	5.63	32.15	5.42	30.59	5.43	30.62	5.37	31.38	5.46	30.29
8	*Butea monosperma*	7.62	58.42			7.62	50.80			7.32	47.41
9	*Careya arborea*	5.49	33.02	4.57	27.94	4.42	25.40	3.66	25.40		
10	*Cassia fistula*	7.62	25.40	10.67	25.40						
11	*Dalbargia latifolia*			9.14	58.42	7.54	47.63	11.28	50.80	5.49	37.25

12	*Dillenia indica*	8.53	53.34	6.86	40.64	6.37	37.54	9.14	46.99		
13	*Diospyros excelsa*	4.11	25.40	3.96	55.88	5.49	29.21	4.88	25.40	13.72	101.60
14	*Erythrina indica*	5.91	43.50					6.20	119.38		
15	*Flacourtia indica*	4.78	32.17	4.72	30.48	6.60	44.03	5.55	37.59	6.23	40.36
16	*Flacourtia jangomas*	4.57	30.48	3.05	30.48	5.91	35.56	6.10	27.94	6.83	34.54
17	*Gardenia latifolia*			3.81	31.75	6.10	38.10	9.91	73.66	10.67	71.12
18	*Glochidion lanceolarium*					4.57	31.75				
19	*Gmelia arborea*	6.10	25.40								
20	*Holarrhena antidysenterica*	6.10	30.48	4.27	32.17	8.04	44.80				
21	*Ixora arborea*			5.18	35.56	3.66	35.56	4.88	30.48		
22	*Lagerstroemia parviflora*	5.88	35.05	4.94	29.03	5.23	33.20	5.46	32.11	5.68	31.58
23	*Lannea coromandelica*	6.26	33.43	5.03	30.12	6.16	40.36	5.30	30.69	4.74	31.04
24	*Madhuca latifolia*	7.25	42.55	6.79	39.58	7.14	41.28	7.99	42.53	7.94	46.31
25	*Mitragyna parviflora*					7.62	40.64				
26	*Morinda citrifolia*					4.27	33.02				
27	*Pterocarpus marsupium*	7.58	43.35	8.03	42.94	5.18	26.25	12.19	66.89		
28	*Semecarpas anacardium*	5.66	29.00	5.12	28.92	5.28	29.21	5.78	29.82	5.49	29.21
29	*Shorea robusta*	8.22	49.38	8.22	46.26	8.05	45.22	9.15	50.61	9.60	51.40
30	*Symplocos recemosa*			5.56	32.07	6.04	30.99	6.25	31.75	5.56	30.16
31	*Syzygium cumini*			3.66	38.10	6.10	37.08	9.14	48.26	4.57	30.48
32	*Syzygium jambolanum*			6.10	53.34	4.88	27.94				
33	*Terminalia bellirica*	5.26	30.08	6.81	42.33	6.81	33.02	7.62	35.56	7.42	47.41
34	*Terminalia chebula*	5.83	33.94	5.58	29.50	5.91	32.07	5.50	31.12	5.38	31.53
35	*Terminalia tomentosa*	5.79	28.58	4.97	27.09	5.32	29.43	6.36	31.97	5.20	29.05
36	*Ziziphus mauritiana*	7.16	39.37	4.57	31.75	5.49	25.40	5.54	31.33	4.27	25.40

Table 105: Documentation of Shrub species (including tree saplings) in all the Subplots Tirat-Asansole (Jamgram)

Sl. No.	Shrub Species	Common name	Sp8	Sp9	Sp10	Sp6	Sp4	Total
1	*Cassia sophera*	Kalkasunda					5	**5**
2	*Carissa spinarum*	Karmedh	8	27	50	35	31	**151**
3	*Clerodendrum infortunatum*	Vbant/Ghentu			47			**47**
4	*Croton oblongifolius*	Neuri				26		**26**
5	*Desmodium gangeticum*	Salpani	77	18	32	60	62	**249**
6	*Flacourtia indica*	Choto Boichi	117			38		**155**
7	*Flemingia strobilifera*						8	**8**
8	*Grewia helicterifolia*			33		42	13	**88**
9	*Phoenix acaulis*	Kitte	21	24	82	20	34	**181**
10	*Randia spinosa*	Khudi Karhar		13	18		5	**36**
11	*Urena lobata*		26		20	27		**73**
12	*Ziziphus mauritiana*	Kul	30	44	14			**88**
13	*Ziziphus oenoplia*	Buda Kul	44	57	67	47	17	**232**
14	*Woodfordia fruticosa*	Dhatki	18				17	**35**
Total			**341**	**216**	**330**	**295**	**192**	**1374**

Table 106: Statistical analysis of all the Shrub Species (including tree saplings) Tirat-Asansole (Jamgram)

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cassia sophera*	5	20	2.50	4.00	0.36	5.00	1.14	4.00	**0.88**	**2.3**
2	*Carissa spinarum*	151	100	12.50	120.80	10.99	30.20	6.886	30.38		
3	*Clerodendrum infortunatum*	47	20	2.50	37.60	3.42	47.00	10.72	16.64		
4	*Croton oblongifolius*	26	20	2.50	20.80	1.89	26.00	5.928	10.32		
5	*Desmodium gangeticum*	249	100	12.50	199.20	18.12	49.80	11.35	41.98		
6	*Flacourtia indica*	155	40	5.00	124.00	11.28	77.50	17.67	33.95		
7	*Flemingia strobilifera*	8	20	2.50	6.40	0.58	8.00	1.824	4.91		
8	*Grewia helicterifolia*	88	60	7.50	70.40	6.40	29.33	6.688	20.59		
9	*Phoenix acaulis*	181	100	12.50	144.80	13.17	36.20	8.254	33.93		
10	*Randia spinosa*	36	60	7.50	28.80	2.62	12.00	2.736	12.86		
11	*Urena lobata*	73	60	7.50	58.40	5.31	24.33	5.548	18.36		
12	*Ziziphus mauritiana*	88	60	7.50	70.40	6.40	29.33	6.688	20.59		
13	*Ziziphus oenoplia*	232	100	12.50	185.60	16.89	46.40	10.58	39.96		
14	*Woodfordia fruticosa*	35	40	5.00	28.00	2.55	17.50	3.99	11.54		

b. Shrub Species:

A total number of 1374 individual shrubs under 14 shrub species were documented from this permanent plot at Asansole.

The shrub vegetation was dominated by *Desmodium gangeticum* (IVI = 41.98), *Ziziphus oenoplia* (IVI = 39.96), *Flacourtia indica* (IVI = 33.95), *Phoenix acaulis* (IVI = 33.89), *Carissa spinarum* (IVI = 30.38).

Maximum numbers of shrub individuals were contributed by *Desmodium gangeticum* (249), *Ziziphus oenoplia* (232), *Phoenix acaulis* (181), *Flacourtia indica* (155) and *Carissa spinarum* (151).

Two species found in only one of the 5 subplots were documented to be the lowest - *Cassia sofera* with 5 shrub individuals and *Flemingia strobilifera* recording only 8 individuals.

With highest frequency (100%) *Carissa spinarum, Desmodium gangeticum, Phoenix acaulis* and *Ziziphus oenoplia* were found in all the subplots. whereas *Cassia sophera, Clerodendrum infortunatum, Croton oblongifolius and Flemingia strobilifera* were found to have least frequency (20%) and documented only from a single subplot.

The Simpson's Diversity Index (0.88) and Shannon's Diversity Index (2.30) indicated High richness and evenness of shrub species. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different shrub species.

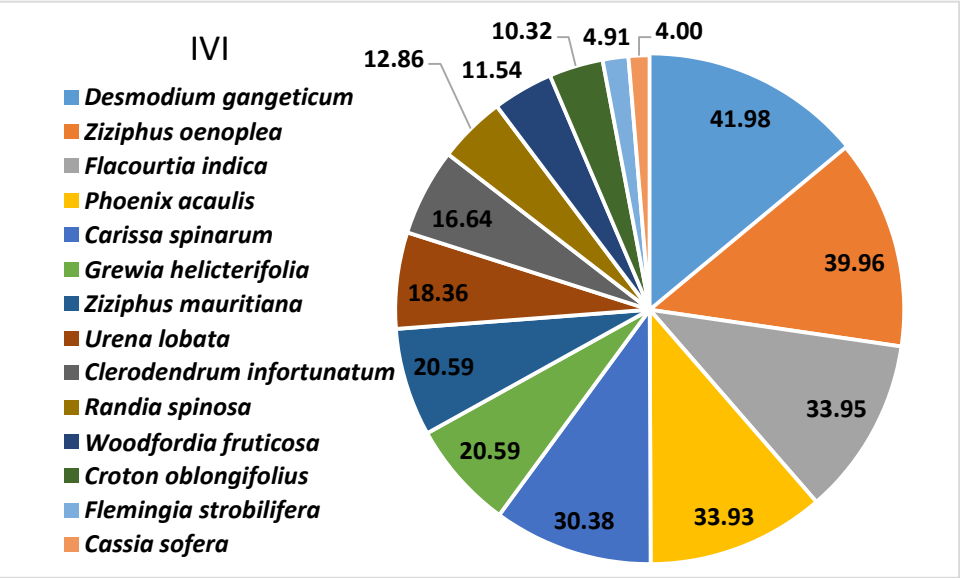


Figure 56: IVI Values of Dominant Shrubs (including tree saplings) Tirat-Asansole (Jamgram)

Table 107: Documentation of Liana species in all the Subplots Tirat-Asansole (Jamgram)

Sl. No.	Liana Species	Common name	Sp8	Sp9	Sp10	Sp6	Sp4	Total
1	*Aristolochia indica*	Iswarmul			7			**7**
2	*Bauhinia vahlii*					1		**1**
3	*Butea superba*	Lot Palash			7			**7**
4	*Dioscorea bulbifera*	Kappu	31	40	40	63	57	**231**
5	*Dioscorea esculenta*	Chupri Alu	22	32				**54**
6	*Ichnocarpus frutescens*	Dudhi Lata	86		26	92	104	**308**
7	*Smilax zeylanica*	Ram Dantan	60	62	31		18	**171**
8	*Stephania hernandifolia*		31	26		37	15	**109**
9	*Ventilago denticulata*	Bonga sarjom				13		**13**
Total			**230**	**160**	**104**	**206**	**194**	**894**

Table 108: Statistical analysis of all the Liana species Tirat-Asansole (Jamgram)

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aristolochia indica*	7	20	4.35	5.60	0.78	7	2.82	7.95	**0.76**	**1.60**
2	*Bauhinia vahlii*	1	20	4.35	0.80	0.11	1	0.40	4.86		
3	*Butea superba*	7	20	4.35	5.60	0.78	7	2.82	7.95		
4	*Dioscorea bulbifera*	231	100	21.74	184.80	25.64	46.2	18.61	65.99		
5	*Dioscorea esculenta*	54	40	8.70	43.20	5.99	27	10.88	25.57		
6	*Ichnocarpus frutescens*	308	80	17.39	246.40	34.18	77	31.02	82.60		
7	*Smilax zeylanica*	171	80	17.39	136.80	18.98	42.75	17.22	53.59		
8	*Stephania hernandifolia*	109	80	17.39	87.20	12.10	27.25	10.98	40.47		
9	*Ventilago denticulata*	13	20	4.35	10.40	1.44	13	5.24	11.03		

c. Liana Species:

A total number of 894 individuals under 9 liana species were documented from the permanent plot at Asansole.

The liana vegetation was dominated by *Ichnocarpus frutescens* (IVI = 82.60), *Dioscorea bulbifera* (IVI = 65.99), *Smilax zeylanica* (IVI = 53.59) and *Stephania hernandifolia* (IVI = 40.47).

The maximum number of individuals was contributed by *Ichnocarpus frutescens* (308) followed by *Dioscorea bulbifera* (231), *Smilax zeylanica* (171) and *Stephania hernandifolia* (109).

The lowest numbers of liana individuals were observed in *Ventilago denticulata* with 13 individuals and *Aristolochia indica* documenting 7 individuals while the least was *Bauhinia vahlii* with only one recorded individual shrub.

The second dominant species *Dioscorea bulbifera* with the highest frequency (100%) was the only species found in all the subplots.

Aristolochia indica, Bauhinia vahlii, Butea superba and *Ventilago denticulata* were found to have least frequency (20%) and documented only from single subplot.

The Simpson's Diversity Index (0.76) and Shannon's Diversity Index (1.60) indicated moderate richness and evenness of liana species. Simpson's Diversity index also explains that there is 76% chance that 2 individuals selected at random from this plot would be from different liana species.

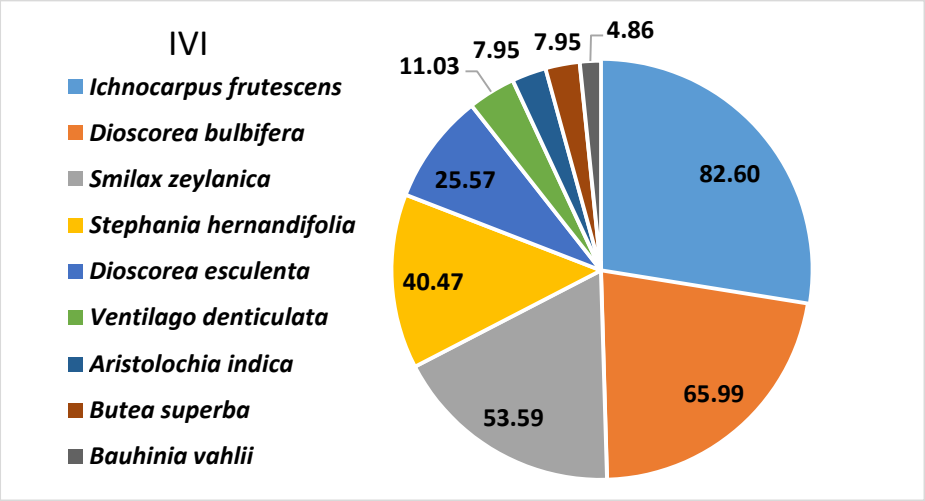


Figure 57: IVI Values of Dominant Liana species Tirat-Asansole (Jamgram)

Table 109: Documentation of all Herb species in all the nested Subplots Tirat-Asansole (Jamgram)

Sl. No.	Herb Species	Common name	Sp8	Sp9	Sp10	Sp6	Sp4	Total
1	*Andrographis paniculata*	Kalmegh		21		23		**44**
2	*Barleria cristata*	Jhinti	35	42	45	18	37	**177**
3	*Canscora decussata*			13				**13**
4	*Cheilanthes tenuifolia*	Durga Jhapi		96				**96**
5	*Chromolena odorata*				8		12	**20**
6	*Commelina benghalensis*				32			**32**
7	*Crotalaria prostrata*		53	18	26	21	21	**139**

8	*Elephantropus scaber*		62	63	50	40	13	**228**
9	*Evolvulus nummularius*		30					**30**
10	*Evolvulus alsinoides*				30			**30**
11	*Gynura cusimbua*	Bon Sorisha					11	**11**
12	*Oldenlandia corymbosa*		18	71		21	53	**163**
13	*Pluchea alba*		6					**6**
14	*Polygala crotalarioides*	Nilkantha/Chaulirani			12	15		**27**
15	*Sida rhombifolia*	Swet Berela					5	**5**
16	*Spermacoce hispida*				108		42	**150**
Total			**204**	**324**	**311**	**138**	**194**	**1171**

Table 110: Statistical analysis of all the Herb Species Tirat-Asansole (Jamgram)

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	44	40	5.71	880	3.76	22.00	4.46	13.93	**0.88**	**2.31**
2	*Barleria cristata*	177	100	14.29	3540	15.12	35.40	7.18	36.58		
3	*Canscora decussata*	13	20	2.86	260	1.11	13.00	2.64	6.60		
4	*Cheilanthes tenuifolia*	96	20	2.86	1920	8.20	96.00	19.47	30.53		
5	*Chromolena odorata*	20	40	5.71	400	1.71	10.00	2.03	9.45		
6	*Commelina benghalensis*	32	20	2.86	640	2.73	32.00	6.49	12.08		
7	*Crotalaria prostrata*	139	100	14.29	2780	11.87	27.80	5.64	31.79		
8	*Elephantropus scaber*	228	100	14.29	4560	19.47	45.60	9.25	43.00		
9	*Evolvulus nummularius*	30	20	2.86	600	2.56	30.00	6.08	11.50		
10	*Evolvulus alsinoides*	30	20	2.86	600	2.56	30.00	6.08	11.50		
11	*Gynura cusimbua*	11	20	2.86	220	0.94	11.00	2.23	6.03		
12	*Oldenlandia corymbosa*	163	80	11.43	3260	13.92	40.75	8.26	33.61		
13	*Pluchea alba*	6	20	2.86	120	0.51	6.00	1.22	4.59		
14	*Polygala crotalarioides*	27	40	5.71	540	2.31	13.50	2.74	10.76		
15	*Sida rhombifolia*	5	20	2.86	100	0.43	5.00	1.01	4.30		
16	*Spermacoce hispida*	150	40	5.71	3000	12.81	75.00	15.21	33.74		

d. Herb Species:

A total of 1171 individual herbs belonging to 16 herbaceous species were documented from this permanent plot.

The herbaceous vegetation was dominated by *Elephantropus scaber* (IVI = 43.00), *Barleria cristata* (IVI = 36.58), *Spermacoce hispida* (IVI = 33.74), *Oldenlandia corymbosa* (IVI = 33.61), *Crotalaria prostrata* (IVI = 31.79) and *Cheilanthes tenuifolia* (IVI = 30.53). Maximum numbers of individuals were contributed by *Elephantropus scaber* (228) followed by *Barleria cristata* (177), *Oldenlandia corymbosa* (163) and *Spermacoce hispida* (150).

With highest frequency (100%) *Barleria cristata, Crotalaria prostrata* and *Elephantropus scaber* were found in all the subplots. *Canscora decussata, Cheilanthes tenuifolia, Commelina benghalensis, Evolvulus nummularius, Evolvulus alsinoides, Gynura cusimbua, Pluchea alba* and *Sida rhombifolia* were found to have the least frequency (20%) and documented only from a single subplot. *Sida rhombifolia* and *Pluchea alba* were represented the least with 5 and 6 individuals respectively.

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.31) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different herb species.

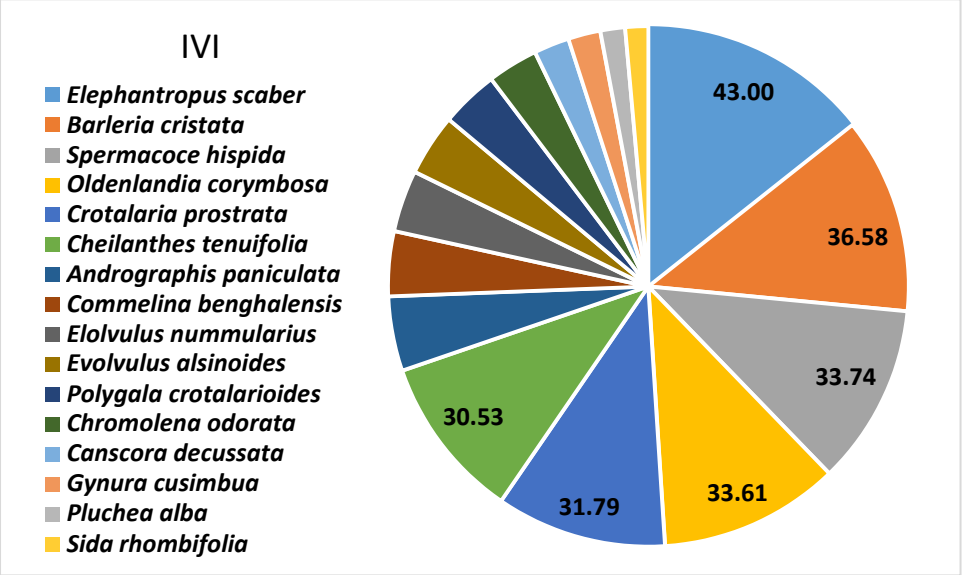


Figure 58: IVI Values of Dominant Herb Species Tirat-Asansole (Jamgram)

Table 111: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots Tirat-Asansole (Jamgram)

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp8	Sp9	Sp10	Sp6	Sp4	Total
1	*Asparagus racemosus*	Satamuli	10					**10**
2	*Cajanus scrabareoides*	Kurthi	50	60		15	36	**161**
3	*Hemidesmus indicus*	Anantamul	31	113	51	33	35	**263**
4	*Rivea hypocrateryformis*	Kinduara	14	41				**55**
5	*Tylophora indica*	Antamul	28	55	62	18	22	**185**
Total			**133**	**269**	**113**	**66**	**93**	**674**

Table 112: Statistical analysis of all the Scrambler, creeper and twiner species Tirat-Asansole (Jamgram)

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	10	20	5.88	200	1.48	10.00	5.98	13.34	**0.71**	**1.33**
2	*Cajanus scrabareoides*	161	80	23.53	3220	23.89	40.25	24.05	71.47		
3	*Hemidesmus indicus*	263	100	29.41	5260	39.02	52.60	31.43	99.86		
4	*Rivea hypocrateryformis*	55	40	11.76	1100	8.16	27.50	16.43	36.36		
5	*Tylophora indica*	185	100	29.41	3700	27.45	37.00	22.11	78.97		

e. Scrambler, creeper and twiner species:

A total number of 674 individuals under 5 scrambler, creeper and twiner species were documented from this permanent plot.

The dominant species were *Hemidesmus indicus* (IVI = 99.86), *Tylophora indica* (IVI = 78.97) and *Cajanus scrabareoides* (IVI = 71.47) with the maximum number 263, 185 and 161climber individuals respectively.

Hemidesmus indicus and *Tylophora indica* were found in all the subplots and hence with maximum frequency (100%), whereas *Asparagus racemosus*, having 20% frequency, existed in only subplot 8 with 10 individuals only.

The Simpson's Diversity index (0.71) and Shannon's Diversity Index (1.33) indicated moderate diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 71% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

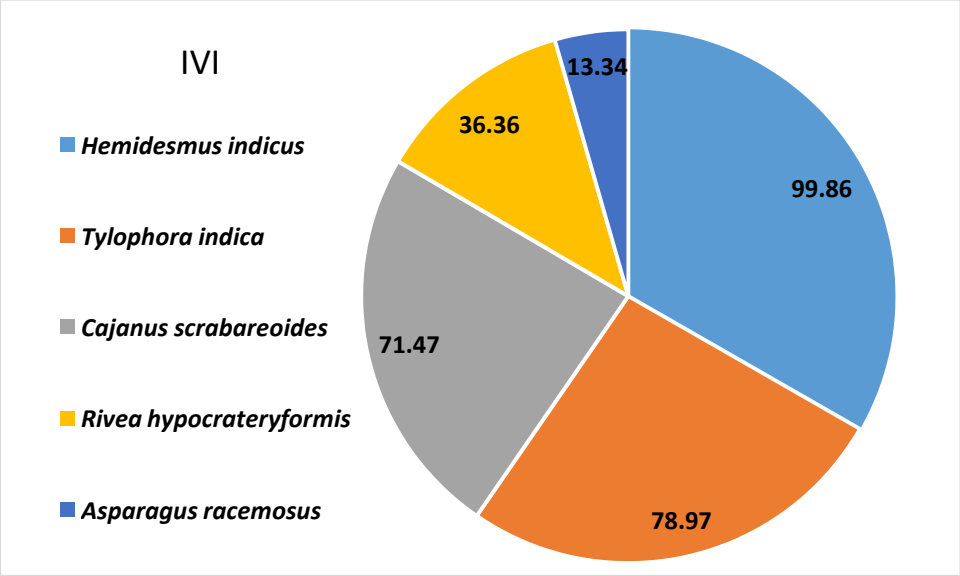


Figure 59: IVI Values of Dominant Scrambler, creeper and twiner species Tirat-Asansole (Jamgram)

6.8.4. Inventory of Associated Bird Species

During field trip 23 species of birds were documented in the selected subplots, which is the maximum documented species in one plot in South West Bengal, including IUCN red listed birds like Alexandrine Parakeet (NT) and migratory birds like Spangled Drongo and Grey Wagtail. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 113: All Bird species documented Subplot wise Tirat-Asansole (Jamgram)

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	Outside of plot
2	Black Drongo	*Dicrurus macrocercus*	LC	Outside of the plot
3	Black-hooded oriole	*Oriolus xanthornus*	LC	8, 9, Outside of the plot
4	Blue tailed bee-eater	*Merops philippinus*	LC	6
5	Common Iora	*Aegithina tiphia*	LC	1
6	Common tailor bird	*Orthotomus sutorius*	LC	10
7	Common Wood Shrike	*Tephrodornis pondicerianus*	LC	Outside of the plot
8	Coppersmith barbet	*Psilopogon haemacephalus*	LC	Adjacent to Subplot 1
9	Crested Hawk-Eagle	*Nisaetus cirrhatus*	LC	Outside of the plot
10	Eurasian Collared dove	*Streptopelia decaocto*	LC	Outside of plot
11	Green Bee-eater	*Merops orientalis*	LC	Outside of the plot
12	Grey Wagtail	*Motacilla cinerea*	LC	Outside of the plot
13	Indian Robin	*Copsychus fulicatus*	LC	Adjacent to Subplot 1
14	Oriental Honey Buzzard	*Pernis ptilorhynchus*	LC	5
15	Pale-billed flowerpecker	*Dicaeum erythrorhynchos*	LC	4 6
16	Purple Sunbird	*Cinnyris asiaticus*	LC	6, 7
17	Red vented bulbul	*Pycnonotus cafer*	LC	Adjacent to Subplot 1, Outside of the plot
18	Red whiskered bulbul	*Pycnonotus jocosus*	LC	Adjacent to Subplot 1
19	Rufous treepie	*Dendrocitta vagabunda*	LC	Outside of plot
20	Shikra	*Accipiter badius*	LC	4
21	Spangled drongo	*Dicrurus bracteatus*	LC	Outside of the plot
22	Taiga flycatcher	*Ficedula albicilla*	LC	5
23	Yellow footed green pigeon	*Treron phoenicoptera*	LC	8

6.9. PERMANENT PLOT: GARH PANCHKOT

6.9.1. NAME AND LOCATION OF THE AREA

- District: Purulia
- Division: Kansavati (N)
- Range: Raghunathpur
- Beat: Neturia
- Mouza: Garh Panchkot

Ninth field trip was undertaken during 26th to 30th November 2020 in Garh Panchkot under Raghunathpur Range of Kansavati (N) Forest Division, South West Bengal.

Garh Panchkot (23.6°N 86.76667°E) is a ruined fort located in the eastern part of India at the foothills of Panchet Hill in the district of Purulia, West Bengal. The ruins of the Panchkot Palace are a silent testimony to the Bargi attack during the 18th century in Bengal which gives its name the Garh Panchkot. Only 5 hours drive from Kolkata, Garh Panchkot is enchanting with its lush greenery, hills, lakes and it is great natural and historical attractions. Garh Panchkot is a hidden archaeological site in Bengal, which dates back to probably the 90 AD.

Located right by the Panchet Lake along the slopes of Panchet Hill in the Purulia district of West Bengal, this pretty forested area was once a fortified area. The Rajas of Panchkot were the Singh Deo dynasty.

Garh Panchkot (Panchet) Hill has maximum altitude of 650 m above MSL. The lush dense green hill stands amidst the lateritic landscape of Neturia Community development Block, of Raghunathpur sub-division. In this area, the temperature drops down to 7˚C in winter and rises up to 40˚C in summer. The annual rainfall is approximately 1170 mm.

Garh Panchkot is rich in biological diversity. Essentially hill is an abode to number of medicinal flora and fauna. Panchet hill provides ecosystem services in terms of soil nutrients, organic matter, medicinal flora, butterflies, honey-bees, grasshoppers, cricket, beetles, etc. The butterflies, moths and honeybees are very significant drivers of the forest and agricultural ecosystems and play a major role as pollinator and source of food to various birds and reptiles in the Garh Panchkot.

Figure 60: Permanent plot selected at Garh Panchkot

6.9.2. Ground survey:

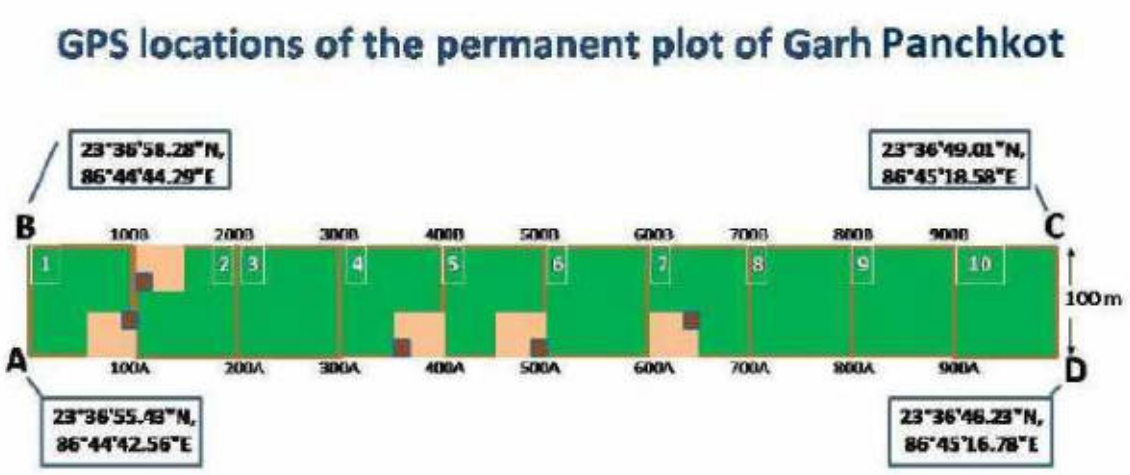


Figure 61: GPS location of the plot with schematic diagram of chosen subplots in Garh Panchkot

Table 114: Latitude / Longitude of all the Subplots in Garh Panchkot

Subplot points	Latitude	Longitude	Tree Name
100 A	23°36'54.50"N	86°44'46.05"E	Doka
100 B	23°36'57.36"N	86°44'47.76"E	Sal
200 A	23°36'53.72"N	86°44'49.27"E	Sal
200 B	23°36'56.42"N	86°44'51.18"E	Piyal
300 A	23°36'52.75"N	86°44'52.76"E	Sal
300 B	23°36'55.50"N	86°44'54.46"E	Sal
400 A	23°36'51.75"N	86°44'56.26"E	Piyasal
400 B	23°36'54.69"N	86°44'57.97"E	Piyal
500 A	23°36'50.83"N	86°44'59.53"E	Sal
500 B	23°36'53.80"N	86°45'1.19"E	Sal
600 A	23°36'49.99"N	86°45'2.97"E	Kul
600 B	23°36'52.81"N	86°45'4.75"E	Jiol
700 A	23°36'49.04"N	86°45'6.41"E	Jiol
700 B	23°36'51.93"N	86°45'8.10"E	Jiol
800 A	23°36'48.06"N	86°45'9.72"E	Sal
800 B	23°36'51.00"N	86°45'11.43"E	Bel
900 A	23°36'47.20"N	86°45'13.18"E	Piyal
900 B	23°36'50.00"N	86°45'14.83"E	Sal

Table 115: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Garh Panchkot

Subplots	50mX 50m Plot			10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	23°36'55.90"N	86°44'46.65"E	23°36'55.72"N	86°44'46.50"E
	50b	23°36'56.53"N	86°44'45.05"E		
	50c	23°36'55.10"N	86°44'44.45"E		
Subplot 2	50a	23°36'56.16"N	86°44'46.99"E	23°36'56.20"N	86°44'47.13"E
	50b	23°36'55.57"N	86°44'48.59"E		
	50c	23°36'56.94"N	86°44'49.46"E		
Subplot 4	50a	23°36'53.13"N	86°44'57.00"E	23°36'52.36"N	86°44'54.49"E
	50b	23°36'53.46"N	86°44'55.23"E		
	50c	23°36'52.31"N	86°44'54.37"E		
Subplot 5	50a	23°36'52.23"N	86°45'0.39"E	23°36'51.02"N	86°44'59.47"E
	50b	23°36'52.62"N	86°44'58.63"E		
	50c	23°36'51.35"N	86°44'57.67"E		
Subplot 7	50a	23°36'51.36"N	86°45'3.83"E	23°36'50.87"N	86°45'5.36"E
	50b	23°36'51.02"N	86°45'5.60"E		
	50c	23°36'49.58"N	86°45'4.85"E		

6.9.3. Inventorization of Flora

Table 116: Documentation of all tree species in all the Subplots in Garh Panchkot

Sl. No.	Tree Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Acacia catechu*	Khayer	1	6	11	1	13	**32**
2	*Adina cordifolia*	Korom/Holdu	3		7	12		**22**
3	*Aegle mermalos*	Bel	2	24	5	40	4	**75**
4	*Albizia lebbeck*	Sirish	1		1			**2**
5	*Alstonia scholaris*	Chhatim				26		**26**
6	*Anogeissus latifolia*	Dhaw	9	11	13	9		**42**
7	*Artocarpas heterophyllus*	Kanthal				1		**1**
8	*Bombax ceiba*	Lal Simum	1			21		**22**
9	*Bridelia retusa*	Kosai			2	1		**3**
10	*Buchanania lanzan*	Piyal	174	178	61	10	20	**443**
11	*Careya arborea*	Astha/Kumbhi				3		**3**
12	*Cassia fistula*	Sonalu			3	8	2	**13**
13	*Cochlospermum religiosum*	Galgal	13	21			2	**36**
14	*Dalbargia latifolia*	Sweti Sal	1					**1**
15	*Diospyros excelsa*	Kendu	22	25	29	5	16	**97**
16	*Ficus bengalensis*	Bot	1					**1**
17	*Ficus hispida*	Dumur				1		**1**
18	*Ficus recemosa*	Pahari Dumur				2		**2**
19	*Flacourtia indica*	Choto boichi	1	2		1		**4**
20	*Flacourtia jangomas*	Boro Boichi	2	2				**4**
21	*Gardenia latifolia*	Popro	1	1			1	**3**
22	*Ixora arborea*	Loha Jangi	9	7	2			**18**
23	*Lannea coromandelica*	Doka	112	75	70	36	43	**336**
24	*Madhuca latifolia*	Mahua	59	62	67	6	38	**232**
25	*Mitragyna parviflora*	Keli Kadam	4	2		5		**11**
26	*Morinda citrifolia*	Noni			1			**1**
27	*Neolamarkia cadamba*	Kadam				1		**1**
28	*Pterocarpus marsupium*	Piyasal	2	3	5	3		**13**
29	*Scleichera oleosa*	Kusum	1			2		**3**
30	*Semecarpas anacardium*	Vella	18	1				**19**
31	*Shorea robusta*	Sal	359	266	397	59	258	**1339**
32	*Soymida febrifuga*	Rahara	1		8			**9**
33	*Streblus asper*	Seora				3		**3**
34	*Symplocos recemosa*	Lodh	1	1				**2**
35	*Syzygium jambolanum*	Jam				4		**4**
36	*Tamarindas indica*	Tentul		1		1		**2**
37	*Terminalia bellirica*	Bahera		3				**3**
38	*Terminalia chebula*	Haritaki	4	2	2		2	**10**
39	*Terminalia tomentosa*	Asan			2	2	1	**5**
40	*Ziziphus mauritiana*	Kul		1		3	1	**5**
Total			**802**	**694**	**686**	**266**	**401**	**2849**

Table 117: Statistical analysis of all the Tree Species in Garh Panchkot

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	Rd%	A	RA%	IVI	SDI	H
1	*Acacia catechu*	32	100	4.81	6.4	1.12	6.40	0.99	6.92	**0.7**	**1.9**
2	*Adina cordifolia*	22	60	2.88	4.4	0.77	7.33	1.14	4.79		
3	*Aegle mermalos*	75	100	4.81	15	2.63	15.00	2.32	9.76		
4	*Albizia lebbeck*	2	40	1.92	0.4	0.07	1.00	0.15	2.15		
5	*Alstonia scholaris*	26	20	0.96	5.2	0.91	26.00	4.02	5.90		
6	*Anogeissus latifolia*	42	80	3.85	8.4	1.47	10.50	1.63	6.95		
7	*Artocarpas heterophyllus*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
8	*Bombax ceiba*	22	40	1.92	4.4	0.77	11.00	1.70	4.40		
9	*Bridelia retusa*	3	40	1.92	0.6	0.11	1.50	0.23	2.26		
10	*Buchanania lanzan*	443	100	4.81	88.6	15.55	88.60	13.71	34.07		
11	*Careya arborea*	3	20	0.96	0.6	0.11	3.00	0.46	1.53		
12	*Cassia fistula*	13	60	2.88	2.6	0.46	4.33	0.67	4.01		
13	*Cochlospermum religiosum*	36	60	2.88	7.2	1.26	12.00	1.86	6.01		
14	*Dalbargia latifolia*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
15	*Diospyros excelsa*	97	100	4.81	19.4	3.40	19.40	3.00	11.22		
16	*Ficus bengalensis*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
17	*Ficus hispida*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
18	*Ficus recemosa*	2	20	0.96	0.4	0.07	2.00	0.31	1.34		
19	*Flacourtia indica*	4	60	2.88	0.8	0.14	1.33	0.21	3.23		
20	*Flacourtia jangomas*	4	40	1.92	0.8	0.14	2.00	0.31	2.37		
21	*Gardenia latifolia*	3	60	2.88	0.6	0.11	1.00	0.15	3.14		
22	*Ixora arborea*	18	60	2.88	3.6	0.63	6.00	0.93	4.45		
23	*Lannea coromandelica*	336	100	4.81	67.2	11.79	67.20	10.40	27.00		
24	*Madhuca latifolia*	232	100	4.81	46.4	8.14	46.40	7.18	20.13		
25	*Mitragyna parviflora*	11	60	2.88	2.2	0.39	3.67	0.57	3.84		
26	*Morinda citrifolia*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
27	*Neolamarkia cadamba*	1	20	0.96	0.2	0.04	1.00	0.15	1.15		
28	*Pterocarpus marsupium*	13	80	3.85	2.6	0.46	3.25	0.50	4.81		
29	*Scleichera oleosa*	3	40	1.92	0.6	0.11	1.50	0.23	2.26		
30	*Semecarpas anacardium*	19	40	1.92	3.8	0.67	9.50	1.47	4.06		
31	*Shorea robusta*	1339	100	4.81	267.8	47.00	267.80	41.45	93.26		
32	*Soymida febrifuga*	9	40	1.92	1.8	0.32	4.50	0.70	2.94		
33	*Streblus asper*	3	20	0.96	0.6	0.11	3.00	0.46	1.53		
34	*Symplocos recemosa*	2	40	1.92	0.4	0.07	1.00	0.15	2.15		
35	*Syzygium jambolanum*	4	20	0.96	0.8	0.14	4.00	0.62	1.72		
36	*Tamarindas indica*	2	40	1.92	0.4	0.07	1.00	0.15	2.15		
37	*Terminalia bellirica*	3	20	0.96	0.6	0.11	3.00	0.46	1.53		
38	*Terminalia chebula*	10	80	3.85	2	0.35	2.50	0.39	4.58		
39	*Terminalia tomentosa*	5	60	2.88	1	0.18	1.67	0.26	3.32		
40	*Ziziphus mauritiana*	5	60	2.88	1	0.18	1.67	0.26	3.32		

a. Tree Species:

A total number of 2849 trees were documented from this permanent plot at Garh Panchkot having the highest tree species diversity (40) as seen from all the sites in South Bengal. For such high species diversity, the number of trees was far less. Once again, the vegetation was dominated by 1339 trees of *Shorea robusta* (IVI = 93.26) followed by 433 trees of *Buchanania lanzan* (IVI = 34.07), *Lannea coromandelica* (IVI = 27.00) with 336 trees and 232 trees of *Madhuca latifolia* (IVI = 20.13).

100% frequency was recorded in 7 species (*Acacia catechu, Aegle mermalos, Buchanania lanzan, Diospyros excelsa, Lannea coromandelica, Madhuca latifolia and Shorea robusta*) as they were found in all the 5 subplots. The least frequency of 20% was seen in 12 species (*Alstonia scholaris, Artocarpas heterophyllus, Careya arborea, Dalbargia latifolia, Ficus bengalensis, Ficus hispida, Ficus recemosa, Morinda citrifolia, Neolamarkia cadamba, Streblus asper, Syzygium jambolanum and Terminalia bellirica*) and documented only from a single subplot out of the 5 subplots. In fact, 6 of these species (*Artocarpas heterophyllus, Dalbargia latifolia, Ficus bengalensis, Ficus hispida, Morinda citrifolia and Neolamarkia cadamba*) were found with only one individual tree in the subplot that they occurred.

Of the 40 species found in all the 5 subplots in Garh Panchkot, subplot 7 represented highest diversity of tree species (27).

The Simpson's Diversity Index (0.70) and Shannon's Diversity Index (1.90) of tree species indicated that the plot is moderately diverse (richness and evenness). Simpson's Diversity index also explains that there is 70% chance that 2 individuals selected at random from this plot would be from different tree species.

Artocarpus heterophyllus was recorded as the tallest tree with a height of 12.19 m and a maximum GBH of 91.44 cm (subplot-7) and *Tamarindas indica* (subplot-7) and *Ziziphus mauritiana* (subplot-1) were recorded as the shortest trees with a height of 3.05 m and GBH of 25.40 cm followed by *Cassia fistula* with a height of 3.05 m and GBH of 30.48 cm (subplot-1) (Table: 118).

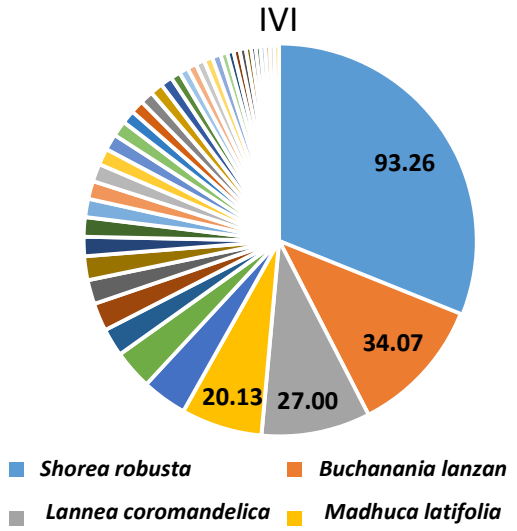


Figure 62: IVI Values of Dominant Tree Species in Garh Panchkot

Table 118: Average Height and GBH of trees at all the subplots in Garh Panchkot

Sl. No.	Scientific Names	SP1		SP 2		SP 4		SP 5		SP 7	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia catechu*	4.20	34.00	5.21	37.64	4.88	33.02	5.49	30.48	3.66	30.48
2	*Adina cordifolia*			8.84	71.86			8.33	48.26	8.46	51.23
3	*Aegle mermalos*	5.79	41.28	10.06	54.86	7.99	42.34	6.10	50.80	9.08	54.18
4	*Albizia lebbeck*			7.62	33.02			7.62	38.10		
5	*Alstonia scholaris*									10.53	70.33
6	*Anogeissus latifolia*			4.92	31.65	6.07	44.09	6.43	37.54	4.88	38.66
7	*Artocarpas heterophyllus*									12.19	91.44
8	*Bombax ceiba*							7.62	38.10	11.96	79.71
9	*Bridelia retusa*			5.33	31.75					9.14	50.80
10	*Buchanania lanzan*	5.82	36.07	5.44	32.51	6.72	33.78	6.57	34.09	7.99	41.15
11	*Careya arborea*									6.30	38.94
12	*Cassia fistula*	3.05	30.48	7.11	40.64					8.08	40.64
13	*Cochlospermum religiosum*	6.10	33.02			9.04	47.04	8.98	42.60		
14	*Dalbargia latifolia*							6.71	50.80		
15	*Diospyros excelsa*	4.13	33.50	4.95	28.98	5.18	30.58	4.68	29.79	4.27	34.54
16	*Ficus bengalensis*							7.62	35.56		
17	*Ficus hispida*									7.62	30.48
18	*Ficus recemosa*									7.62	43.18
19	*Flacourtia indica*					5.49	43.18	4.57	30.48	4.88	38.10
20	*Flacourtia jangomas*					5.94	25.40	5.49	54.61		
21	*Gardenia latifolia*	4.57	106.68			9.14	68.58	9.14	71.12		
22	*Ixora arborea*			4.11	25.40	5.57	35.92	5.45	36.40		
23	*Lannea coromandelica*	4.75	40.28	7.19	41.66	6.72	37.21	5.70	33.88	9.50	58.00
24	*Madhuca latifolia*	6.75	37.11	7.11	41.33	8.02	39.09	7.23	39.85	7.06	38.53
25	*Mitragyna parviflora*					6.71	36.83	6.02	40.01	7.68	54.36
26	*Morinda citrifolia*			4.57	43.18						
27	*Neolamarkia cadamba*									9.75	66.04
28	*Pterocarpus marsupium*			10.49	55.37	6.61	38.10	5.33	30.48	8.03	35.56
29	*Scleichera oleosa*							5.49	50.80	10.97	72.39
30	*Semecarpas anacardium*					5.18	25.40	6.00	30.05		
31	*Shorea robusta*	7.07	41.38	8.09	41.20	9.03	40.84	8.18	39.29	9.53	49.76
32	*Soymida febrifuga*			8.84	47.63			6.10	35.56		
33	*Streblus asper*									6.61	43.18
34	*Symplocos recemosa*					5.18	25.40	6.10	33.02		
35	*Syzygium jambolanum*									7.62	58.42
36	*Tamarindas indica*					10.67	96.52			3.05	25.40
37	*Terminalia bellirica*					9.45	65.20				
38	*Terminalia chebula*	3.96	29.21	9.14	62.23	5.79	46.99	6.40	59.06		
39	*Terminalia tomentosa*	6.10	45.72	5.33	43.18					10.97	58.42
40	*Ziziphus mauritiana*	3.05	25.40			4.57	55.88			7.21	44.02

Table 119: Documentation of Shrub species (including tree saplings) in all the Subplots in Garh Panchkot

Sl. No.	Shrub Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Acacia farnesiana*	Ruirui	77	81	35		54	**247**
2	*Azanza lampas*	Bon Kapas			9		16	**25**
3	*Caesalpinia bonduc*				2			**2**
4	*Carissa spinarum*	Karmedh	49	30	66	54	40	**239**
5	*Clerodendrum infortunatum*	Ghentu		21		22		**43**
6	*Croton oblongifolius*	Neuri	42					**42**
7	*Flacourtia indica*	Choto Boichi	82	21	41		40	**184**
8	*Grewia helicterifolia*		33	42	32		34	**141**
9	*Helicteres isora*	Pet Mochra		12		6		**18**
10	*Nyctanthes arbortritis*	Seuli	21	12	14		18	**65**
11	*Randia spinosa*	Khudi Karhar	21	22			20	**63**
12	*Urena lobata*				18		18	**36**
13	*Ziziphus mauritiana*	Kul	18	50	38	19	22	**147**
14	*Ziziphus oenoplia*	Sia Kul	72	65	53	45	43	**278**
15	*Woodfordia fruticosa*	Dhatki		29		11		**40**
Total			**415**	**385**	**308**	**157**	**305**	**1570**

Table 120: Statistical analysis of all the Shrub Species (including tree saplings) in Garh Panchkot

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	Rd%	A	Ra%	IVI	SDI	H
1	*Acacia farnesiana*	247	80	8.70	197.60	15.73	61.75	14.10	38.52	**0.88**	**2.34**
2	*Azanza lampas*	25	40	4.35	20.00	1.59	12.50	2.85	8.79		
3	*Caesalpinia bonduc*	2	20	2.17	1.60	0.13	2.00	0.46	2.76		
4	*Carissa spinarum*	239	100	10.87	191.20	15.22	47.80	10.91	37.00		
5	*Clerodendrum infortunatum*	43	40	4.35	34.40	2.74	21.50	4.91	11.99		
6	*Croton oblongifolius*	42	20	2.17	33.60	2.68	42.00	9.59	14.44		
7	*Flacourtia indica*	184	80	8.70	147.20	11.72	46.00	10.50	30.92		
8	*Grewia helicterifolia*	141	80	8.70	112.80	8.98	35.25	8.05	25.72		
9	*Helicteres isora*	18	40	4.35	14.40	1.15	9.00	2.05	7.55		
10	*Nyctanthes arbortritis*	65	80	8.70	52.00	4.14	16.25	3.71	16.55		
11	*Randia spinosa*	63	60	6.52	50.40	4.01	21.00	4.79	15.33		
12	*Urena lobata*	36	40	4.35	28.80	2.29	18.00	4.11	10.75		
13	*Ziziphus mauritiana*	147	100	10.87	117.60	9.36	29.40	6.71	26.94		
14	*Ziziphus oenoplia*	278	100	10.87	222.40	17.71	55.60	12.69	41.27		
15	*Woodfordia fruticosa*	40	40	4.35	32.00	2.55	20.00	4.57	11.46		

b. Shrub Species:

From the permanent plot at Garh Panchkot a total number of 1570 individuals under 15 shrub species were documented.

The vegetation was co-dominated by *Ziziphus oenoplia* (IVI = 41.27), *Acacia farnesiana* (IVI = 38.52), *Carissa spinarum* (IVI = 37.00), *Flacourtia indica* (IVI = 30.92), *Ziziphus mauritiana* (IVI = 26.94) and *Grewia helicterifolia* (IVI = 25.72).

Maximum numbers of individuals were contributed by *Ziziphus oenoplia* (278), *Acacia farnesiana* (247), *Carissa spinarum* (239), *Flacourtia indica* (184), *Ziziphus mauritiana* (147) and *Grewia helicterifolia* (141).

Those with the highest frequency (100%), like *Carissa spinarum, Ziziphus mauritiana* and *Ziziphus oenoplia* were found in all the subplots, while *Caesalpinia bonduc* and *Croton oblongifolius* were found to have least frequency (20%) and documented only from a single subplot.

Caesalpinia bonduc was the least in terms of numbers and contributed to the shrub vegetation with only 2 individuals.

The Simpson's Diversity Index (0.88) and Shannon's Diversity Index (2.34) of shrub species indicated that the plot is highly diverse (richness and evenness). Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different shrub species.

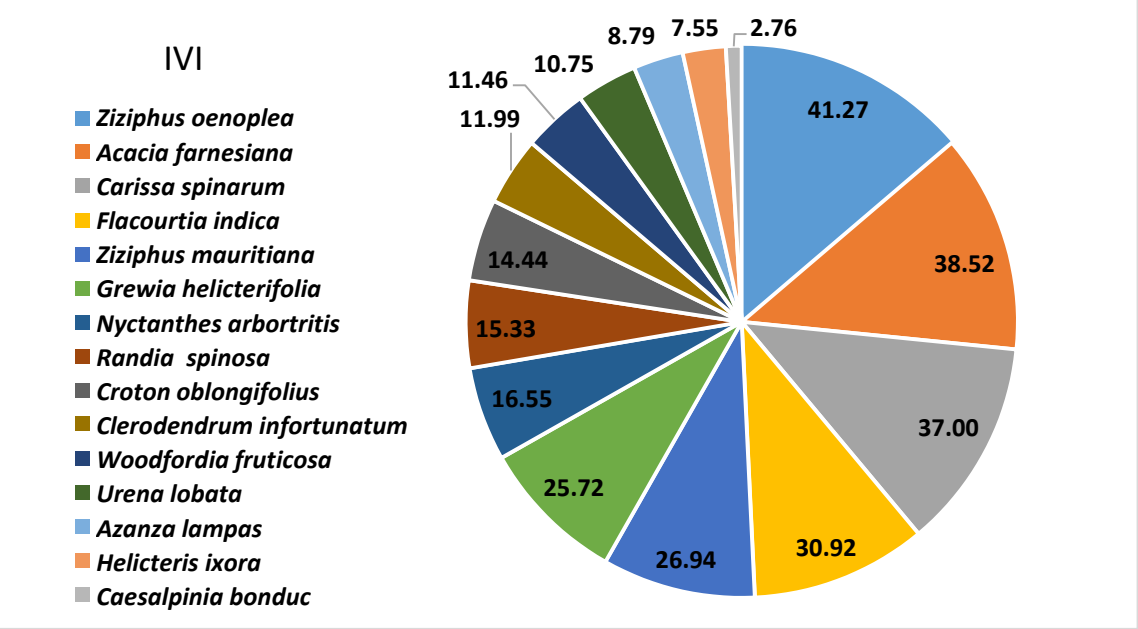


Figure 63: IVI Values of Dominant Shrubs (including tree saplings) in Garh Panchkot

Table 121: Documentation of Liana species in all the Subplots in Garh Panchkot

Sl. No.	Liana Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Ampleocissus latifolia*	Bon angur		42				**42**
2	*Aristolochia indica*	Iswarmul				9		**9**
3	*Combretum decandrum*	Atari	23	40	49	41	75	**228**
4	*Ichnocarpus frutescens*	Dudhilata	26		25	17	42	**110**
5	*Smilax zeylanica*	Ram Dantan	8					**8**
6	*Stephania hernandifolia*		14	17				**31**
7	*Ventilago denticulata*	Bonga Sarjom	16	21		8		**45**
Total			87	120	74	75	117	**473**

Table 122: Statistical analysis of all the Liana species in Garh Panchkot

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampleocissus latifolia*	42	20	5.88	33.60	8.88	42.00	25.83	40.59	0.69	1.45
2	*Aristolochia indica*	9	20	5.88	7.20	1.90	9.00	5.54	13.32		
3	*Combretum decandrum*	228	100	29.41	182.40	48.20	45.60	28.04	105.66		
4	*Ichnocarpus frutescens*	110	80	23.53	88.00	23.26	27.50	16.91	63.70		
5	*Smilax zeylanica*	8	20	5.88	6.40	1.69	8.00	4.92	12.49		
6	*Stephania hernandifolia*	31	40	11.76	24.80	6.55	15.50	9.53	27.85		
7	*Ventilago denticulata*	45	60	17.65	36.00	9.51	15.00	9.23	36.39		

c. Liana Species:

A total number of 473 individuals under 7 liana species were documented from this permanent plot at Garh Panchkot.

The liana vegetation was dominated by *Combretum decandrum* (IVI = 105.66) followed by *Ichnocarpus frutescens* (IVI = 63.70), *Ampleocissus latifolia* (IVI = 40.59), *Ventilago denticulata* (IVI = 36.395) and *Stephania hernandifolia* (IVI = 27.85).

The maximum number of individuals was contributed by *Combretum decandrum* (228) followed by *Ichnocarpus frutescens* (110), *Ventilago denticulata* (45), *Ampleocissus latifolia* (42) and *Stephania hernandifolia* (40).

With highest frequency (100%) *Combretum decandrum* was found in all the 5 subplots.

Ampleocissus latifolia, Aristolochia indica and *Smilax zeylanica* were found to have least frequency (20%) and documented only from a single subplot.

The Simpson's Diversity Index (0.69) and Shannon's Diversity Index (1.45) indicated low richness and evenness of liana species. Simpson's Diversity index also explains that there is 69% chance that 2 individuals selected at random from this plot would be from different liana species.

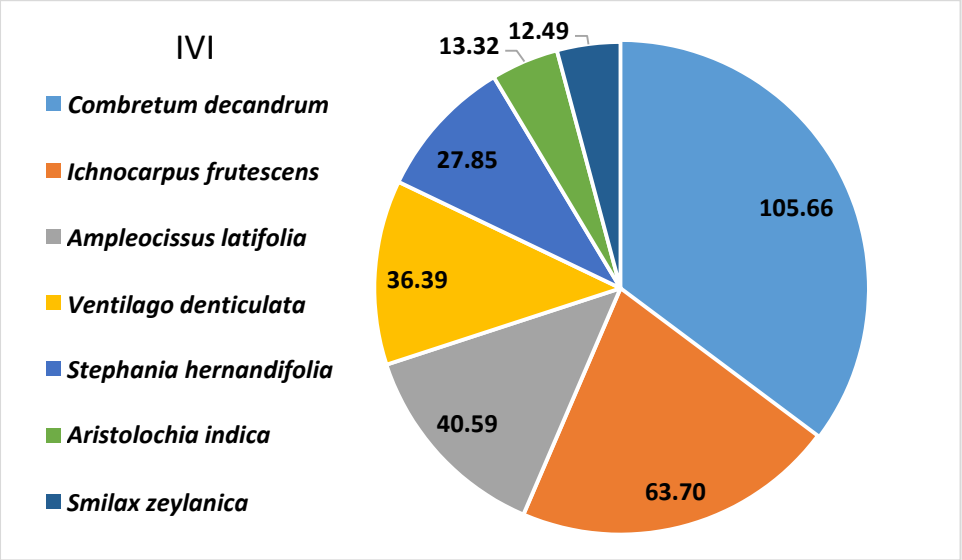


Figure 64: IVI Values of Dominant Liana species in Garh Panchkot

Table 123: Documentation of all Herb species in all the nested Subplots in Garh Panchkot

Sl. No.	Herb Species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Andrographis paniculata*	Kalmegh	243	97	56	103	153	**652**
2	*Canscora decussata*			42				**42**
3	*Curculigo orchioides*	Talmuli			2			**2**
4	*Chromolaena odorata*			18	17	34	14	**83**
5	*Commelina benghalensis*					72		**72**
6	*Corchorus aestuans*					18		**18**
7	*Crotalaria prostrata*		29				13	**42**
8	*Dryopteris filix-mas*					37		**37**
9	*Euphorbia thymefolia*					3		**3**
10	*Hyptis soavulence*				12			**12**
11	*Mentha piperita*	Kalha				12		**12**
12	*Oldenlandia corymbosa*						22	**22**
13	*Rungia pectinata*				22	24		**46**
14	*Sida rhombifolia*	Swet Berela				27		**27**
15	*Spermacoce hispida*		137					**137**
16	*Spilanthes oleracea*					48		**48**
17	*Triumfetta rhomboidea*				18	12	5	**35**
18	*Vernonia cineria*				8			**8**
Total			**409**	**157**	**135**	**390**	**207**	**1298**

Table 124: Statistical analysis of all the Herb Species in Garh Panchkot

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	652	100	17.24	13040	50.23	130.40	20.16	87.63	**0.72**	**1.93**
2	*Canscora decussata*	42	20	3.45	840	3.24	42.00	6.49	13.18		
3	*Curculigo orchioides*	2	20	3.45	40	0.15	2.00	0.31	3.91		
4	*Chromolaena odorata*	83	80	13.79	1660	6.39	20.75	3.21	23.40		
5	*Commelina benghalensis*	72	20	3.45	1440	5.55	72.00	11.13	20.13		
6	*Corchorus aestuans*	18	20	3.45	360	1.39	18.00	2.78	7.62		
7	*Crotalaria prostrata*	42	40	6.90	840	3.24	21.00	3.25	13.38		
8	*Dryopteris filix-mas*	37	20	3.45	740	2.85	37.00	5.72	12.02		
9	*Euphorbia thymefolia*	3	20	3.45	60	0.23	3.00	0.46	4.14		
10	*Hyptis soavulence*	12	20	3.45	240	0.92	12.00	1.86	6.23		
11	*Mentha piperita*	12	20	3.45	240	0.92	12.00	1.86	6.23		
12	*Oldenlandia corymbosa*	22	20	3.45	440	1.69	22.00	3.40	8.54		
13	*Rungia pectinata*	46	40	6.90	920	3.54	23.00	3.56	14.00		
14	*Sida rhombifolia*	27	20	3.45	540	2.08	27.00	4.17	9.70		
15	*Spermacoce hispida*	137	20	3.45	2740	10.55	137.00	21.18	35.18		
16	*Spilanthes oleracea*	48	20	3.45	960	3.70	48.00	7.42	14.57		
17	*Triumfetta rhomboidea*	35	60	10.34	700	2.70	11.67	1.80	14.84		
18	*Vernonia cineria*	8	20	3.45	160	0.62	8.00	1.24	5.30		

d. Herb Species:

A total of 1298 individual herbs belonging to 18 herbaceous species were documented from this permanent plot.

The co-dominant herbs were *Andrographis paniculata* (IVI = 87.63) followed by *Spermacoce hispida* (IVI = 35.18), *Chromolaena odorata* (IVI = 23.40) and *Commelina benghalensis* (IVI = 20.13).

The maximum number of individual herbs was contributed by *Andrographis paniculata* (652) followed by *Spermacoce hispida* (137), *Chromolaena odorata* (83) and *Commelina benghalensis* (72).

Andrographis paniculata was the only species that occurred in all the subplots with highest frequency (100%). *Canscora decussata, Curculigo orchioides, Commelina benghalensis, Corchorus aestuans, Dryopteris filix-mas, Euphorbia thymefolia, Hyptis soavulence, Mentha piperita, Oldenlandia corymbosa, Sida rhombifolia, Spermacoce hispida, Spilanthes oleracea* and *Vernonia cineria* were found to have the least frequency (20%) and documented only from a single subplot. *Curculigo orchioides, Euphorbia thymefolia* and *Vernonia cineria* were observed to be the lowest contributors with only 2, 3 and 8 individuals respectively.

The Simpson's Diversity index (0.72) and Shannon's Diversity Index (1.93) of herbaceous species indicated that the plot is moderately diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 72% chance that 2 individuals selected at random from this plot would be from different herb species.

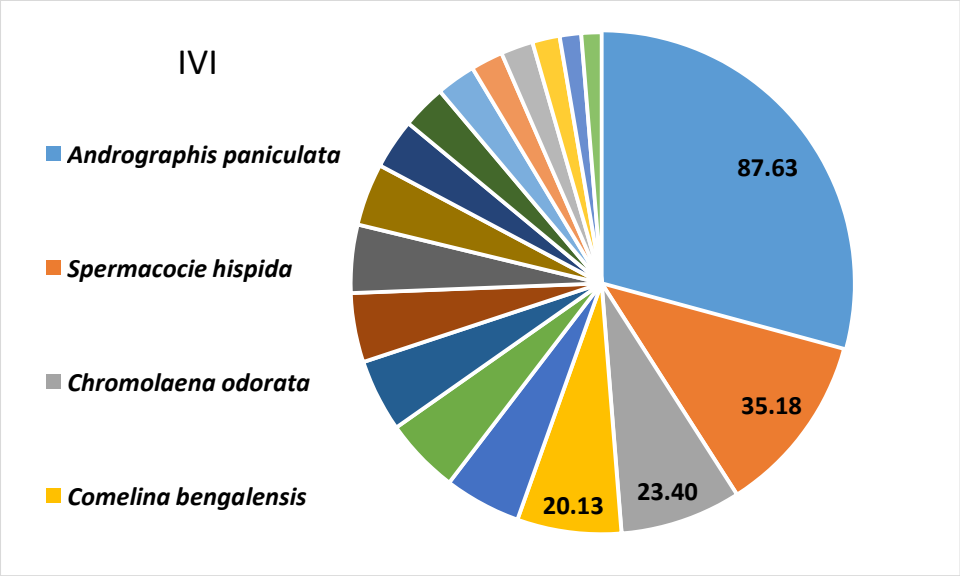


Figure 65: IVI Values of Dominant Herb Species in Garh Panchkot

Table 125: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Garh Panchkot

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp5	Sp4	Sp2	Sp7	Sp1	Total
1	*Asparagus racemosus*	Satamuli					4	**4**
2	*Cajanus scrabareoides*	Kurthi	53	28	58	57	53	**249**
3	*Hemidesmus indicus*	Anantamul	57	25	31	46	26	**185**
4	*Lygodium flexuosum*		14	13				**27**
5	*Mikania scandens*	Asamlata				34		**34**

6	*Mucuna pruriens*	Alkusi			6		8	**14**
7	*Rivea hypocataryformis*	Kinduara/Bon Pui			11	30	28	**69**
8	*Tylophora indica*	Antamul	60			49	18	**127**
Total			**184**	**66**	**106**	**216**	**137**	**709**

Table 126: Statistical analysis of all the Scrambler, creeper and twiner species in Garh Panchkot

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	4	20	4.55	80	0.56	4.00	1.90	7.01	**0.76**	**1.63**
2	*Cajanus scrabareoides*	249	100	22.73	4980	35.12	49.80	23.64	81.49		
3	*Hemidesmus indicus*	185	100	22.73	3700	26.09	37.00	17.57	66.39		
4	*Lygodium flexuosum*	27	40	9.09	540	3.81	13.50	6.41	19.31		
5	*Mikania scandens*	34	20	4.55	680	4.80	34.00	16.14	25.48		
6	*Mucuna pruriens*	14	40	9.09	280	1.97	7.00	3.32	14.39		
7	*Rivea hypocataryformis*	69	60	13.64	1380	9.73	23.00	10.92	34.29		
8	*Tylophora indica*	127	60	13.64	2540	17.91	42.33	20.10	51.65		

e. Scrambler, creeper and twiner species:

A total number of 709 individuals under 8 scrambler, creeper and twiner species were documented from this permanent plot.

The dominant climbers were *Cajanus scrabareoides* (IVI = 81.49), *Hemidesmus indicus* (IVI = 66.39) and *Tylophora indica* (IVI = 51.65). Maximum individuals were also contributed by *Cajanus scrabareoides* (249), *Hemidesmus indicus* (185) and *Tylophora indica* (127).

With a maximum frequency of 100% *Cajanus scrabareoides* and *Hemidesmus indicus* were found in all the subplots, whereas *Asparagus racemosus and Mikania scandens*, having a 20% frequency, existed in one single subplot with 4 and 34 individuals respectively.

The Simpson's Diversity index (0.76) and Shannon's Diversity Index (1.63) indicated moderate diversity with moderate richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 76% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

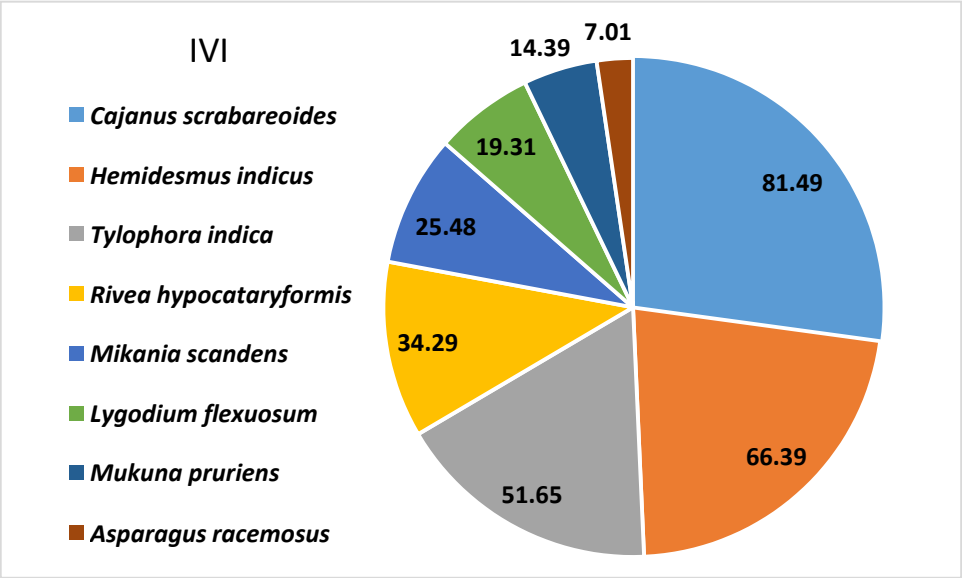


Figure 66: IVI Values of Dominant Scrambler, creeper and twiner species in Garh Panchkot

6.9.4. Inventory of Associated Bird Species

During field trip 10 species of birds were documented in the selected subplots, including uncommon migratory birds like Ultramarine Flycatcher and Grey Wagtail. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 127: All Bird species documented Subplot wise in Garh Panchkot

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Black-hooded oriole	*Oriolus xanthornus*	LC	5, 6
2	Golden fronted Leafbird	*Chloropsis aurifrons*	LC	7
3	Green Bee-eater	*Merops orientalis*	LC	Outside of plot
4	Grey Wagtail	*Motacilla cinerea*	LC	Outside of the plot near Hudhudi falls
5	Jungle Babbler	*Turdoides striata*	LC	5, Adjacent to subplot 1
6	Red-breasted Flycatcher	*Ficedula parva*	LC	Outside of the plot near Hudhudi falls
7	Scaly Breasted Munia	*Lonchura punctulata*	LC	Outside of plot
8	Taiga Flycatcher	*Ficedula albicilla*	LC	7
9	Ultramarine Flycatcher	*Ficedula superciliaris*	LC	Outside of the plot near Hudhudi falls
10	Verditer flycatcher	*Eumyias thalassinus*	LC	Outside of the plot near Hudhudi falls

6.10. PERMANENT PLOT: CHANDABILA-TOPOBAN

6.10. 1. NAME AND LOCATION OF THE AREA

- District: Paschim Medinipur
- Division: Kharagpur
- Range: Chandabila
- Beat: Chandabila
- Mouza: Topoban

Tenth field trip was undertaken during 3rd to 6th December 2020 in Chandabila-Topoban under Chandabila Range of Kharagpur Forest Division, South West Bengal. Due to the ingress of elephants, one subplot out of the 5 subplots could not be completed. Remaining 4 subplots were completed successfully

Chandabila is situated on the bank of Subarnarekha River in West Medinipur District. This forest land is considered the holiest among the local from the ancient time. It is believed that this place was the 'Ashrama' of great Balmiki of Ramayana. One can visit Lob-kush mandir, Sita kunda, Sita nala here.

According to Census 2011 information the location code or village code of Topoban village is 340845. Topoban village is located in Nayagram Tehsil of Paschim Medinipur district in West Bengal, India. Medinipur and Bali Geria are the district & sub-district headquarters of Topoban village respectively. As per 2009 stats, Chandabila is the gram panchayat of Topoban village.

The total geographical area of village is 1171.58 hectares. Topoban has a total population of 773 peoples. There are about 179 houses in Topoban village. Jhargram is nearest town to Topoban which is approximately 66km away.

Figure 67: Permanent plot selected at Chandabila-Topoban

6.10.2. Ground survey:

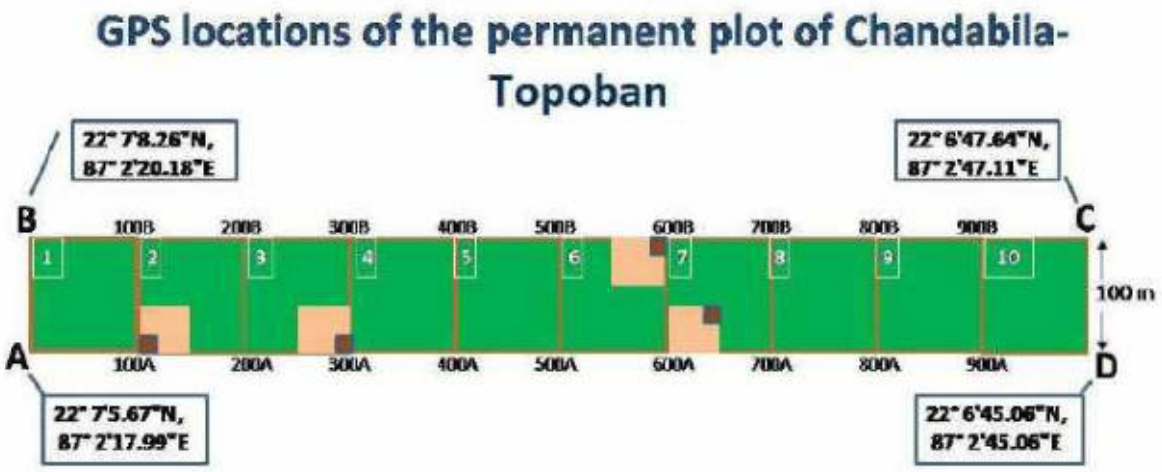


Figure 68: GPS location of the plot with schematic diagram of chosen subplots in Chandabila-Topoban

Table 128: Latitude / Longitude of all the Subplots in Chandabila-Topoban

Subplot points	Latitude	Longitude	Tree Name
100 A	22° 7'3.73"N	87° 2'20.60"E	Sal
100 B	22° 7'6.16"N	87° 2'22.78"E	Sal
200 A	22° 7'1.55"N	87° 2'23.26"E	Sal
200 B	22° 7'4.15"N	87° 2'25.40"E	Sal
300 A	22° 6'59.54"N	87° 2'26.09"E	Dhaw
300 B	22° 7'2.05"N	87° 2'28.25"E	Sal
400 A	22° 6'57.53"N	87° 2'28.64"E	
400 B	22° 7'0.03"N	87° 2'30.82"E	
500 A	22° 6'55.50"N	87° 2'31.38"E	Sal
500 B	22° 6'58.02"N	87° 2'33.54"E	Sal
600 A	22° 6'53.42"N	87° 2'34.14"E	
600 B	22° 6'56.10"N	87° 2'36.28"E	Sal
700 A	22° 6'51.29"N	87° 2'36.85"E	
700 B	22° 6'53.86"N	87° 2'38.90"E	Sal
800 A	22° 6'49.32"N	87° 2'39.36"E	Sal
800 B	22° 6'51.82"N	87° 2'41.69"E	Sal
900 A	22° 6'47.24"N	87° 2'42.22"E	Vadu
900 B	22° 6'49.73"N	87° 2'44.41"E	Sal

Table 129: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Chandabila-Topoban

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 2	50a	22° 7'4.81"N	87° 2'21.63"E	22° 7'3.80"N	87° 2'20.93"E
	50b	22° 7'3.58"N	87° 2'23.16"E		
	50c	22° 7'2.45"N	87° 2'21.92"E		
Subplot 3	50a	22° 7'0.68"N	87° 2'27.03"E	22° 6'59.73"N	87° 2'25.96"E
	50b	22° 7'1.67"N	87° 2'25.56"E		
	50c	22° 7'0.57"N	87° 2'24.70"E		
Subplot 6	50a	22° 6'57.04"N	87° 2'34.82"E	22° 6'56.01"N	87° 2'36.03"E
	50b	22° 6'55.69"N	87° 2'33.61"E		
	50c	22° 6'54.56"N	87° 2'35.15"E		
Subplot 7	50a	22° 6'54.48"N	87° 2'35.07"E	22° 6'53.57"N	87° 2'36.09"E
	50b	22° 6'53.57"N	87° 2'36.29"E		
	50c	22° 6'52.41"N	87° 2'35.40"E		

6.10.3. Inventorization of Flora

Table 130: Documentation of all tree species in all the Subplots in Chandabila-Topoban

Sl. No.	Tree Species	Common name	Sp2	Sp3	Sp6	Sp7	Total
1	*Adina cordifolia*	Korom		10	4	7	**21**
2	*Albizia lebbeck*	Sada sirish	2	5	22	8	**37**
3	*Anogeissus latifolia*	Dhaw	4	5	6	3	**18**
4	*Bauhinia purpurea*	Kanchon		2			**2**
5	*Bridelia retusa*	Bhuans/Kosai		4			**4**
6	*Buchanania lanzan*	Piyal	10	9	1		**20**
7	*Careya arborea*	Astha /Kumbhi	5	8	7	11	**31**
8	*Cassia fistula*	Sonalu		3	1	2	**6**
9	*Cleistanthus collinus*	Parasi		28	7	2	**37**
10	*Dalbargia latifolia*	Swati Sal		1			**1**
11	*Diospyros excelsa*	Kendu	4		2		**6**
12	*Flacourtia jangomas*	Choto Boichi		1	3		**4**
13	*Lagerstroemia parviflora*	Sidha	2	2	7	2	**13**
14	*Lannea coromandelica*	Doka/Geol	3	3	4	5	**15**
15	*Madhuca latifolia*	Mahua	47	25	10	3	**85**
16	*Mitragyna parviflora*	Keli Kadam		4			**4**
17	*Morinda citrifolia*	Noni	9	17	3		**29**
18	*Phyllanthus embelica*	Amloki		3			**3**
19	*Pterocarpus marsupium*	Murga/Piyasal	3	5		3	**11**
20	*Scleichera oleosa*	Kusum	3	2		1	**6**
21	*Semecarpas anacardium*	Vella	8	3			**11**
22	*Shorea robusta*	Sal	804	504	733	625	**2666**
23	*Soymida febrifuga*	Rahara	5				**5**

24	*Syzygium jambolanum*	Jam	10	2	4	1	**17**
25	*Terminalia bellirica*	Bahera	4	12	7	4	**27**
26	*Terminalia chebula*	Haritaki		4	4	5	13
27	*Terminalia tomentosa*	Asan	16	17	7	17	57
	Total		**939**	**679**	**832**	**699**	**3149**

Table 131: Statistical analysis of all the Tree Species in Chandabila-Topoban

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	21	75	3.95	5.25	0.67	7.00	0.86	5.47	**0.3**	**0.85**
2	*Albizia lebbeck*	37	100	5.26	9.25	1.18	9.25	1.13	7.57		
3	*Anogeissus latifolia*	18	100	5.26	4.50	0.57	4.50	0.55	6.39		
4	*Bauhinia purpurea*	2	25	1.32	0.50	0.06	2.00	0.24	1.62		
5	*Bridelia retusa*	4	25	1.32	1.00	0.13	4.00	0.49	1.93		
6	*Buchanania lanzan*	20	75	3.95	5.00	0.64	6.67	0.82	5.40		
7	*Careya arborea*	31	100	5.26	7.75	0.99	7.75	0.95	7.20		
8	*Cassia fistula*	6	75	3.95	1.50	0.19	2.00	0.24	4.38		
9	*Cleistanthus collinus*	37	75	3.95	9.25	1.18	12.33	1.51	6.63		
10	*Dalbargia latifolia*	1	25	1.32	0.25	0.03	1.00	0.12	1.47		
11	*Diospyros excelsa*	6	50	2.63	1.50	0.19	3.00	0.37	3.19		
12	*Flacourtia jangomas*	4	50	2.63	1.00	0.13	2.00	0.24	3.00		
13	*Lagerstroemia parviflora*	13	100	5.26	3.25	0.41	3.25	0.4	6.07		
14	*Lannea coromandelica*	15	100	5.26	3.75	0.48	3.75	0.46	6.20		
15	*Madhuca latifolia*	85	100	5.26	21.25	2.71	21.25	2.6	10.57		
16	*Mitragyna parviflora*	4	25	1.32	1.00	0.13	4.00	0.49	1.93		
17	*Morinda citrifolia*	29	75	3.95	7.25	0.92	9.67	1.18	6.05		
18	*Phyllanthus embelica*	3	25	1.32	0.75	0.1	3.00	0.37	1.78		
19	*Pterocarpus marsupium*	11	75	3.95	2.75	0.35	3.67	0.45	4.75		
20	*Scleichera oleosa*	6	75	3.95	1.50	0.19	2.00	0.24	4.38		
21	*Semecarpas anacardium*	11	50	2.63	2.75	0.35	5.50	0.67	3.65		
22	*Shorea robusta*	2666	100	5.26	666.50	84.9	666.50	81.6	171.70		
23	*Soymida febrifuga*	5	25	1.32	1.25	0.16	5.00	0.61	2.09		
24	*Syzygium jambolanum*	17	100	5.26	4.25	0.54	4.25	0.52	6.32		
25	*Terminalia bellirica*	27	100	5.26	5.00	0.64	5.00	0.61	6.51		
26	*Terminalia chebula*	13	75	3.95	3.25	0.41	4.33	0.53	4.89		
27	*Terminalia tomentosa*	57	100	5.26	14.25	1.81	14.25	1.74	8.82		

a. Tree Species:

A total of 3149 trees were documented from this permanent plot at Chandabila distributed over 27 species.

The vegetation was once again dominated by *Shorea robusta* (IVI = 171.70) with the highest number of trees (2666). The remaining 26 species were found to be represented from a minimum of one tree (*Dalbargia latifolia*) to a maximum of 85 trees (*Madhuca latifolia*).

Ten species (*Albizia lebbeck, Anogeissus latifolia, Careya arborea, Lagerstroemia parviflora, Lannea coromandelica, Madhuca latifolia, Shorea robusta, Syzygium jambolanum, Terminalia bellirica and Terminalia tomentosa*) were present in all the 5 subplots, thereby revealing a 100% frequency.

Those species (*Bauhinia purpurea, Bridelia retusa, Dalbargia latifolia, Mitragyna parviflora, Phyllanthus embelica and Soymida febrifuga*) with the least frequency of 25% were found to be present in only one of the 5 subplots.

25 of the 27 species were found to occur in Subplot 3.

The Simpson's Diversity Index (0.30) and Shannon's Diversity Index (0.85) indicated that the plot at Chandabila is less diverse in richness and evenness. Simpson's Diversity index also explains that there is only a 30% chance that 2 individuals selected at random from this plot would be from different tree species.

Schleichera oleosa was recorded as the tallest tree with a height of 9.60 m and a maximum GBH of 41.91 cm (subplot-3) and *Morinda citrifolia* was recorded as the shortest tree with a height of 2.95 m and GBH of 35.56 cm (subplot-6) (Table: 132).

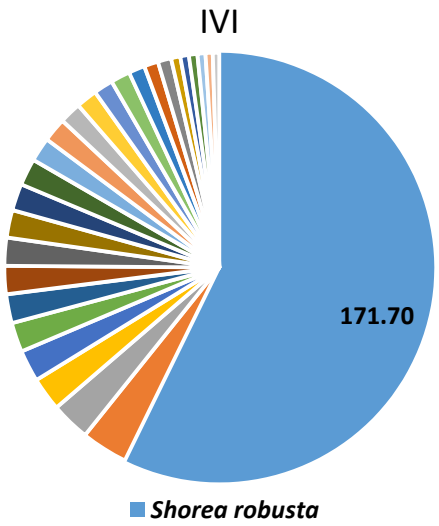


Figure 69: IVI Values of Dominant Tree Species in Chandabila-Topoban

Table 132: Average Height and GBH of trees at all the subplots in Chandabila-Topoban

Sl. No.	Scientific Names	SP2		SP3		SP6		SP7	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Adina cordifolia*			4.63	44.45	5.72	62.87	7.58	75.11
2	*Albizia lebbeck*	8.38	52.07	6.28	37.08	5.46	28.40	5.83	24.45
3	*Anogeissus latifolia*	6.40	43.18	6.52	37.59	3.76	22.43	9.35	84.67
4	*Bauhinia purpurea*			5.79	46.99				
5	*Bridelia retusa*			5.72	40.01				
6	*Buchanania lanzan*	5.70	32.51	6.81	35.28	4.27	38.10		
7	*Careya arborea*	7.62	51.82	7.20	45.09	6.88	61.32	5.24	45.72

8	*Cassia fistula*			4.88	33.87	9.14	43.18	4.57	25.40
9	*Cleistanthus collinus*			3.97	23.13	3.14	19.96	3.66	21.59
10	*Dalbargia latifolia*			6.71	22.86				
11	*Diospyros excelsa*	3.66	22.86			3.51	22.86		
12	*Flacourtia jangomas*			7.62	30.48	4.78	23.70		
13	*Lagerstroemia parviflora*	3.05	19.05	6.10	39.37	3.40	23.60	3.35	20.32
14	*Lannea coromandelica*	5.38	30.48	9.14	39.79	5.49	40.01	4.69	24.38
15	*Madhuca latifolia*	5.94	30.59	5.75	31.19	5.79	30.99	8.43	52.49
16	*Mitragyna parviflora*			4.95	44.45				
17	*Morinda citrifolia*	4.61	33.58	4.46	35.71	2.95	35.56		
18	*Phyllanthus embelica*			3.35	25.40				
19	*Pterocarpus marsupium*	5.38	28.79	5.79	41.66			5.59	39.79
20	*Scleichera oleosa*	5.69	40.64	9.60	41.91			4.57	25.40
21	*Semecarpas anacardium*	7.01	34.61	8.43	45.72				
22	*Shorea robusta*	8.16	42.72	8.19	45.41	6.15	35.13	6.17	37.49
23	*Soymida febrifuga*	4.45	24.38						
24	*Syzygium jambolanum*	5.43	29.21	5.94	34.29	5.11	28.58	4.88	20.32
25	*Terminalia bellirica*	6.32	36.83	7.37	37.68	5.36	36.65	8.38	66.04
26	*Terminalia chebula*			5.56	37.47	4.72	36.83	5.61	25.91
27	*Terminalia tomentosa*	6.84	34.93	6.26	36.16	4.09	23.22	5.59	31.53

Table 133: Documentation of Shrub species (including tree saplings) in all the Subplots in Chandabila-Topoban

Sl. No.	Shrub Species	Common name	Sp2	Sp3	Sp6	Sp7	Total
1	*Acacia farnesiana*	Ruirui	26	13			**39**
2	*Ceriscoides turgida*	Gurmon	52	32	33	26	**143**
3	*Croton oblongifolius*	Neuri			51		**51**
4	*Dalbergia volubilis*		14	14	71	22	**121**
5	*Flacourtia indica*	Choto Boichi		16	52	35	**103**
6	*Gardenia gummifera*	Bhurru	37	26	18	12	**93**
7	*Grewia helicterifolia*			3			**3**
8	*Helicteres isora*	Petmochra	18	21		13	**52**
9	*Phoenix acaulis*	Kitte	12	33			**45**
10	*Randia spinosa*	Bon Kanta/Khudi Karhar	21			10	**31**
11	*Ziziphus mauritiana*	Kul	3	5		15	**23**
12	*Ziziphus oenoplia*	Buda Kul	6	36	7		**49**
13	*Woodfordia fruticosa*	Dhatki	8		21		**29**
Total			**197**	**199**	**253**	**133**	**782**

Table 134: Statistical analysis of all the Shrub Species (including tree saplings) in Chandabila-Topoban

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia farnesiana*	39	50	5.88	39	4.99	19.50	6.70	17.57	**0.89**	**2.34**
2	*Ceriscoides turgida*	143	100	11.8	143	18.29	35.75	12.29	42.34		
3	*Croton oblongifolius*	51	25	2.94	51	6.52	51.00	17.53	26.99		
4	*Dalbergia volubilis*	121	100	11.8	121	15.47	30.25	10.40	37.64		

5	*Flacourtia indica*	103	75	8.82	103	13.17	34.33	11.80	33.80
6	*Gardenia gummifera*	93	100	11.8	93	11.89	23.25	7.99	31.65
7	*Grewia helicterifolia*	3	25	2.94	3	0.38	3.00	1.03	4.36
8	*Helicteres isora*	52	75	8.82	52	6.65	17.33	5.96	21.43
9	*Phoenix acaulis*	45	50	5.88	45	5.75	22.50	7.73	19.37
10	*Randia spinosa*	31	50	5.88	31	3.96	15.50	5.33	15.17
11	*Ziziphus mauritiana*	23	75	8.82	23	2.94	7.67	2.64	14.40
12	*Ziziphus oenoplia*	49	75	8.82	49	6.27	16.33	5.61	20.70
13	*Woodfordia fruticosa*	29	50	5.88	29	3.71	14.50	4.98	14.57

b. Shrub Species:

A total number of 782 individuals under 13 shrub species were documented from this permanent plot at Chandabila.

The shrub vegetation was dominated by *Ceriscoides turgida* (IVI = 42.34) followed by *Dalbergia volubilis* (IVI = 47.64), *Flacourtia indica* (IVI = 33.80), *Gardenia gummifera* (IVI = 31.65), *Croton oblongifolius* (IVI = 26.), *Helicteres isora* (IVI = 21.43) and *Ziziphus oenoplia* (IVI = 20.70).

The maximum number of individuals was contributed by *Ceriscoides turgida* (143) followed by *Dalbergia volubilis* (121) and *Flacourtia indica* (103), *Gardenia gummifera* (93), *Helicteres isora* (52), *Croton oblongifolius* (51), and *Ziziphus oenoplia* (49).

With the highest frequency of 100%, *Ceriscoides turgida, Dalbergia volubilis* and *Gardenia gummifera* were found in all the 5 subplots, whereas *Croton oblongifolius* and *Grewia helicterifolia* were found to have least frequency (25%) and documented only from single subplot.

Grewia helicterifolia contribution to the shrub vegetation was only three individuals.

The Simpson's Diversity Index (0.89) and Shannon's Diversity Index (2.34) indicated high richness and evenness of shrub species. Simpson's Diversity index also explains that there is 89% chance that 2 individuals selected at random from this plot would be from different shrub species.

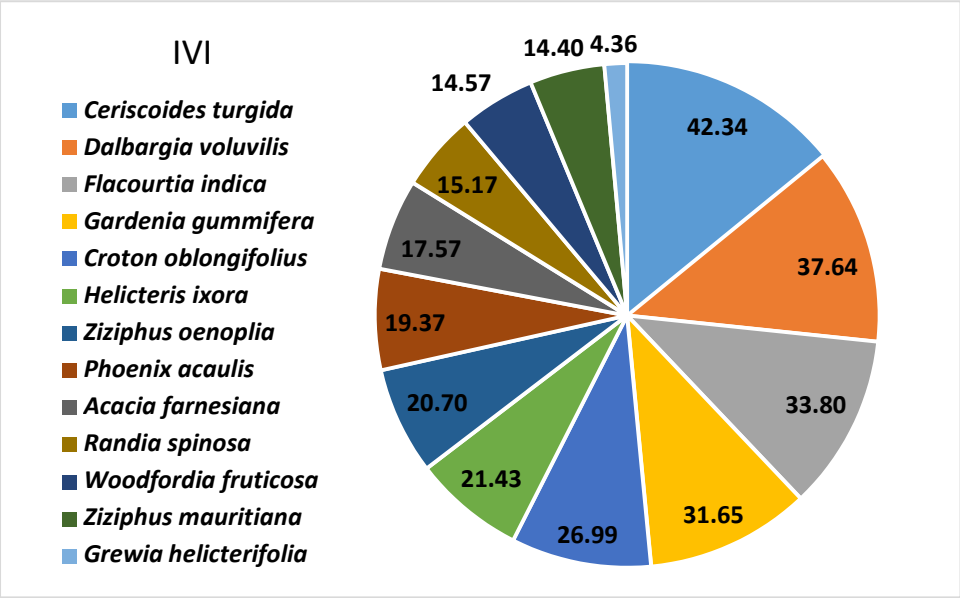


Figure 70: IVI Values of Dominant Shrubs (including tree saplings) in Chandabila-Topoban

Table 135: Documentation of Liana species in all the Subplots in Chandabila-Topoban

Sl. No.	Liana Species	Common name	Sp2	Sp3	Sp6	Sp7	Total
1	*Ampleocissus latifolia*	Bon Angur		3			**3**
2	*Argyreia speciosa*			1		3	**4**
3	*Aristolochia indica*	Iswarmul	3	6			**9**
4	*Combretum decandrum*	Atang/Atari	23	37	43	61	**164**
5	*Dioscorea bulbifera*	Khamalu		7	17	22	**46**
6	*Ichnocarpus frutescens*	Dudhi Lata			37	62	**99**
7	*Smilax zeylanica*	Ram Dantan	13	21	13	22	**69**
8	*Stephania hernandifolia*		22	15			**37**
9	*Ventilago denticulata*	Bonga Sarjom				5	**5**
Total			**61**	**90**	**110**	**175**	**436**

Table 136: Statistical analysis of all the Liana species in Chandabila-Topoban

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampleocissus latifolia*	3	25	4.76	3	0.69	3.00	1.92	7.37	**0.76**	**1.65**
2	*Argyreia speciosa*	4	50	9.52	4	0.92	2.00	1.28	11.72		
3	*Aristolochia indica*	9	50	9.52	9	2.06	4.50	2.88	14.47		
4	*Combretum decandrum*	164	100	19.05	164	37.61	41.00	26.27	82.93		
5	*Dioscorea bulbifera*	46	75	14.29	46	10.55	15.33	9.82	34.66		
6	*Ichnocarpus frutescens*	99	50	9.52	99	22.71	49.50	31.71	63.94		
7	*Smilax zeylanica*	69	100	19.05	69	15.83	17.25	11.05	45.92		
8	*Stephania hernandifolia*	37	50	9.52	37	8.49	18.50	11.85	29.86		
9	*Ventilago denticulata*	5	25	4.76	5	1.15	5.00	3.20	9.11		

c. Liana Species:

At Chandabila a total number of 436 individuals of liana under 9 liana species were documented from the permanent plot.

The liana vegetation was dominated by *Combretum decandrum* (IVI = 82.93) followed by *Ichnocarpus frutescens* (IVI = 63.94), *Smilax zeylanica* (IVI = 45.92), *Dioscorea bulbifera* (IVI = 33.66) and *Stephania hernandifolia* (IVI = 29.86).

The highest number of individuals was also contributed by *Combretum decandrum* (164) followed by *Ichnocarpus frutescens* (99), *Smilax zeylanica* (69), *Dioscorea bulbifera* (46) and *Stephania hernandifolia* (37).

With the highest frequency (100%) *Combretum decandrum* and *Smilax zeylanica* were found in all the subplots. *Ampleocissus latifolia* and *Ventilago denticulata* were found to have the least frequency (25%) contributing only 3 and 5 individuals respectively and documented only from a single subplot.

The Simpson's Diversity Index (0.76) and Shannon's Diversity Index (1.65) of liana species indicated that the plot is less diverse (richness and evenness). Simpson's Diversity index also explains that there

is 76% chance that 2 individuals selected at random from this plot would be from different liana species.

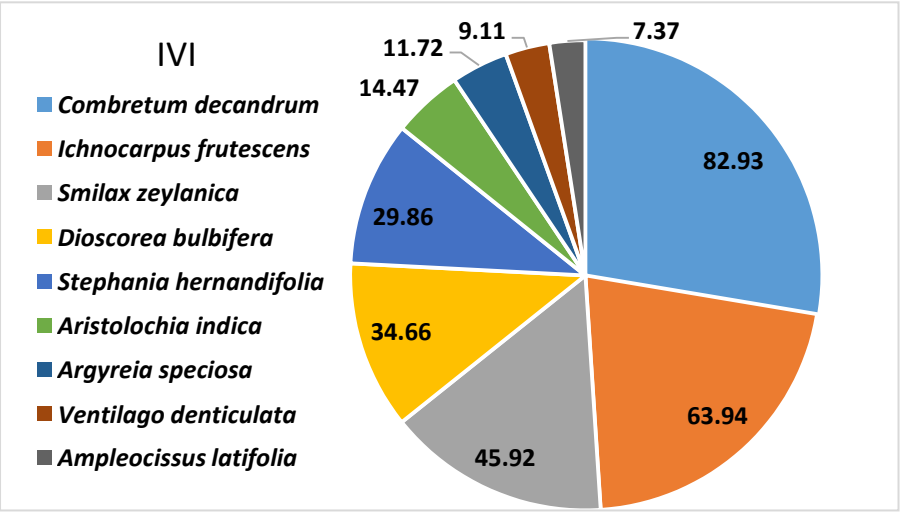


Figure 71: IVI Values of Dominant Liana species in Chandabila-Topoban

Table 137: Documentation of all Herb species in all the nested Subplots in Chandabila-Topoban

Sl. No.	Herb Species	Common name	Sp2	Sp3	Sp6	Sp7	Total
1	*Andrographis paniculata*	Kalmegh	27				**27**
2	*Anisomeles ovata*		13	8		14	**35**
3	*Barleria cristata*	Jhinti	35	28	25		**88**
4	*Curculigo orchioides*	Talmuli	6		28	4	**38**
5	*Centratherum anthelminticum*	Bon Somraj	23				**23**
6	*Chromolema odorata*		6		24		**30**
7	*Crotalaria prostrata*		12	13	43	17	**85**
8	*Curcuma aromatica*	Bon Holud		11			**11**
9	*Elephantropus scaber*					7	**7**
10	*Euphorbia hirta*		8				**8**
11	*Evolvulus nummularius*			41	231		**272**
12	*Gynura cusimbua*	Bon Sorisha	41	42	35	35	**153**
13	*Indoneesiella echioides*	Birkubata	11	13			**24**
14	*Oldenlandia corymbosa*		33			31	**64**
15	*Polygala crotalarioides*	Nilkantha	7				**7**
16	*Rungia pectinata*			37	39	30	**106**
17	*Spermacoce hispida*		32	53	75	48	**208**
Total			**254**	**246**	**500**	**186**	**1186**

Table 138: Statistical analysis of all the Herb Species in Chandabila-Topoban

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	Rd%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	27	25	2.63	675	2.28	27.00	5.64	10.55	**0.88**	**2.35**
2	*Anisomeles ovata*	35	75	7.89	875	2.95	11.67	2.44	13.28		
3	*Barleria cristata*	88	75	7.89	2200	7.42	29.33	6.13	21.44		
4	*Curculigo orchioides*	38	75	7.89	950	3.20	12.67	2.65	13.75		
5	*Centratherum anthelminticum*	23	25	2.63	575	1.94	23.00	4.81	9.38		
6	*Chromolema odorata*	30	50	5.26	750	2.53	15.00	3.13	10.93		
7	*Crotalaria prostrata*	85	100	10.53	2125	7.17	21.25	4.44	22.13		
8	*Curcuma aromatica*	11	25	2.63	275	0.93	11.00	2.30	5.86		
9	*Elephantropus scaber*	7	25	2.63	175	0.59	7.00	1.46	4.68		
10	*Euphorbia hirta*	8	25	2.63	200	0.67	8.00	1.67	4.98		
11	*Evolvulus nummularius*	272	50	5.26	6800	22.93	136.00	28.42	56.62		
12	*Gynura cusimbua*	153	100	10.53	3825	12.90	38.25	7.99	31.42		
13	*Indoneesiella echioides*	24	50	5.26	600	2.02	12.00	2.51	9.79		
14	*Oldenlandia corymbosa*	64	50	5.26	1600	5.40	32.00	6.69	17.35		
15	*Polygala crotalarioides*	7	25	2.63	175	0.59	7.00	1.46	4.68		
16	*Rungia pectinata*	106	75	7.89	2650	8.94	35.33	7.38	24.22		
17	*Spermacoce hispida*	208	100	10.53	5200	17.54	52.00	10.87	38.93		

d. Herb Species:

A total number of 1186 individual belonging to 17 herbaceous species were documented from this permanent plot.

The vegetation of herbs was co-dominated by *Evolvulus nummularius* (IVI = 56.62), *Spermacoce hispida* (IVI = 38.93), *Gynura cusimbua* (IVI = 31.42), *Rungia pectinata* (IVI = 24.22), *Crotalaria prostrata* (IVI = 22.13) and *Barleria cristata (*IVI = 21.44). A maximum number of individuals were contributed *by Evolvulus nummularius* (272) followed *by Spermacoce hispida* (208), *Gynura cusimbua* (153) and *Rungia pectinata* (106).

With highest frequency (100%) *Gynura cusimbua, Crotalaria prostrata* and *Spermacoce hispida* were found in all the subplots. *Andrographis paniculata, Centratherum anthelminticum, Curcuma aromatic, Elephantropus scaber, Euphorbia hirta* and *Polygala crotalarioides* were found to have the least frequency (25%) and documented only from a single subplot. *Elephantropus scaber, Polygala crotalarioides* and *Euphorbia hirta* were observed to have the lowest contribution to the herbaceous ground vegetation with 7, 7 and 8 individuals respectively.

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.35) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different herb species.

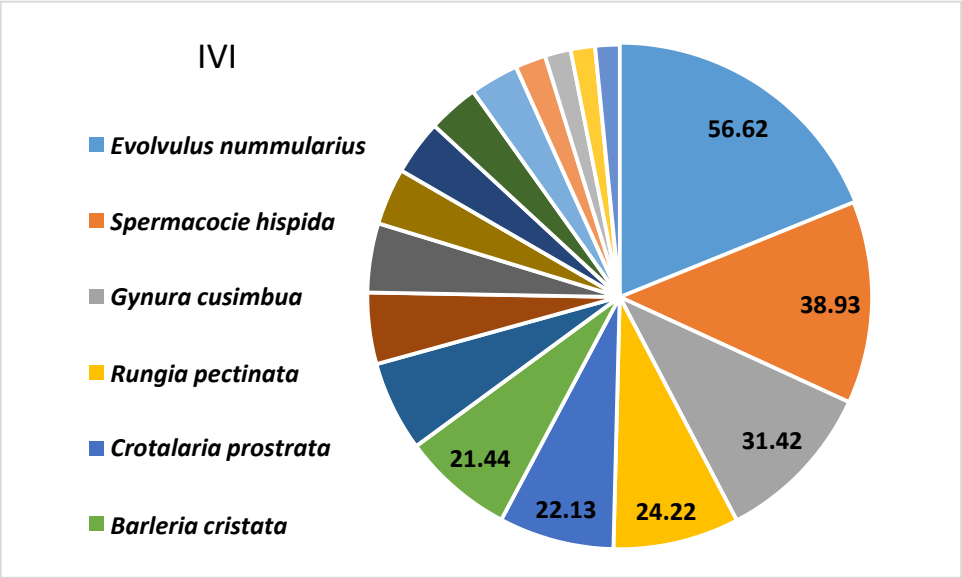


Figure 72: IVI Values of Dominant Herb Species in Chandabila-Topoban

Table 139: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Chandabila-Topoban

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp2	Sp3	Sp6	Sp7	Total
1	*Cajanus scrabareoides*	Kurthi	14				**14**
2	*Hemidesmus indicus*	Anantamul	21	2	27	28	**78**
3	*Lygodium flexuosum*		3	12	12	14	**41**
4	*Mucuna pruriens*	Alkusi			8		**8**
5	*Rivea hypocrateryformis*	Kinduara	10		11	13	**34**
Total			**48**	**14**	**58**	**55**	**175**

Table 140: Statistical analysis of all the Scrambler, creeper and twiner species in Chandabila-Topoban

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cajanus scrabareoides*	14	25	7.69	350	8.00	14.00	22.19	37.89	**0.70**	**1.36**
2	*Hemidesmus indicus*	78	100	30.77	1950	44.57	19.50	30.91	106.25		
3	*Lygodium flexuosum*	41	100	30.77	1025	23.43	10.25	16.25	70.45		
4	*Mucuna pruriens*	8	25	7.69	200	4.57	8.00	12.68	24.95		
5	*Rivea hypocrateryformis*	34	75	23.08	850	19.43	11.33	17.97	60.47		

e. Scrambler, creeper and twiner species:

A total number of 175 individuals under 5 scrambler, creeper and twiner species were documented from this permanent plot.

The vegetation was dominated by *Hemidesmus indicus* (IVI = 106.25) followed by *Lygodium flexuosum* (IVI = 70.45) and *Rivea hypocrateryformis* (IVI = 60.47). The maximum number of 78 individual scrambler, creeper and twiner was also contributed by *Hemidesmus indicus.*

With maximum frequency (100%) *Hemidesmus indicus* and *Lygodium flexuosum* were found in all the subplots. *Cajanus scrabareoides* and *Mucuna pruriens*, having 20% frequency, having existed in a single subplot and contributed 14 and 8 individuals respectively.

The Simpson's Diversity index (0.70) and Shannon's Diversity Index (1.36) indicated moderate diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 70% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

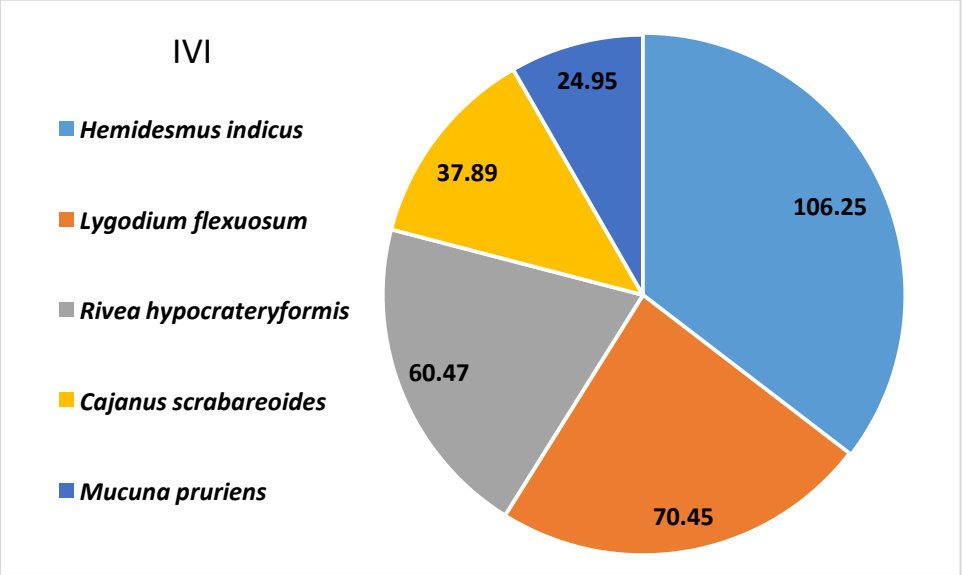


Figure 73: IVI Values of Dominant Scrambler, creeper and twiner species in Chandabila-Topoban

6.10.4. Inventory of Associated Bird Species

During field trip 5 species of birds were documented in the selected subplots, which was the lowest documented species in one plot in South West Bengal. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 141: All Bird species documented Subplot wise in Chandabila-Topoban

Sl. No.	Common Name	Scientific name	IUCN status	Subplots
1	Black hooded oriole	*Oriolus xanthornus*	LC	2, Adjacent to subplot 2
2	Collard Dove	*Streptopelia decaocto*	LC	Adjacent to subplot 4
3	Jungle babbler	*Turdoides striata*	LC	3, 5
4	Oriental magpie Robin	*Copsychus saularis*	LC	Adjacent to subplot 2
5	Rose-ringed Parakeet	*Psittacula krameri*	LC	Adjacent to subplot 2

6.11. PERMANENT PLOT: SUSUNIA

6.11.1. NAME AND LOCATION OF THE AREA

- District: Bankura
- Division: Bankura (N)
- Range: Chhatna
- Beat: Susunia
- Mouza: Susunia Pahar

Eleventh field trip was undertaken during 10th to 13th December 2020 in Susunia under Chhatna Range of Bankura (N) Forest Division, South West Bengal.

Susunia hill is a part of the Eastern Ghats and is situated at the north-western part of Bankura District, with a latitude longitude of 23.3952027 N and 86.9863987 E in southern West Bengal, India. On the way to Bankura- Purulia, this ancient hill is 10 kilometers North-East of Chhatna which is 13 kilometers distant from Bankura town. It is about 270 km from Kolkata.

Physiographically, this area is part of the Bankura Uplands in the west gradually merging with the Bankura-Bishnupur Rarh Plains in the north-east. The western portions are characterized by undulating terrain with many hills and ridges. The area is having a gradual descent from the Chotanagpur Plateau. The soil is laterite red and hard beds are covered with scrub jungle and sal wood. Gradually it gives way to just uneven rolling lands but the soil continues to be lateritic. There are coal mines in the northern part, along the Damodar River. It is a predominantly rural area with 89% of the population living in rural areas and only 11% living in the urban areas.

Susunia Hill is a known archeological and fossil site. Fossil remains of Asiatic lion, giraffe, hyena and other animal species have been discovered from areas around. The so claimed 'oldest' rock inscription of West Bengal is located here. There is an ancient carved monolith (Narasingha stone) standing at the point where the spring water is coming out of another stone gargoyle or curved projected spout. It is also used as a location for camping and rock-climbing.

Amidst the spectacular landscape of lavish green and red soil, Susunia hill owns a height of 1200 feet approx. The hill is a popular place for its great archeological value. The river, Gandheswari keeps whispering always down the hill while the ‘Palash’ dominates the place with its fiery orange hue in seasons.

Figure 74: Permanent plot selected at Susunia

6.11.2. Ground survey:

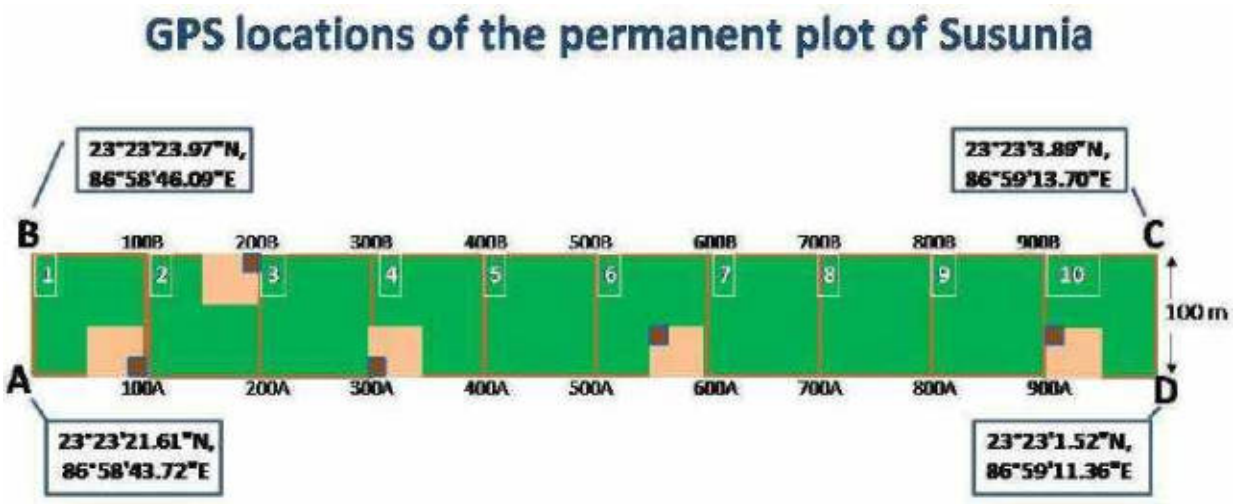


Figure 75: location of the plot with schematic diagram of chosen subplots in Susunia

Table 142: Latitude / Longitude of all the Subplots in Susunia

Subplot points	Latitude	Longitude	Tree Name
100 A	23°23'19.66"N	86°58'46.60"E	Sal
100 B	23°23'21.97"N	86°58'48.81"E	Sal
200 A	23°23'17.61"N	86°58'49.27"E	Sal
200 B	23°23'19.91"N	86°58'51.58"E	Sal
300 A	23°23'15.54"N	86°58'52.07"E	Sal
300 B	23°23'17.95"N	86°58'54.34"E	Sal
400 A	23°23'13.60"N	86°58'54.73"E	Sal
400 B	23°23'15.90"N	86°58'57.16"E	Sal
500 A	23°23'11.46"N	86°58'57.58"E	Sal
500 B	23°23'13.88"N	86°59'0.04"E	Sal
600 A	23°23'9.50"N	86°59'0.35"E	Sal
600 B	23°23'11.89"N	86°59'2.72"E	Sal
700 A	23°23'7.38"N	86°59'3.01"E	Sal
700 B	23°23'9.86"N	86°59'5.50"E	Sal
800 A	23°23'5.46"N	86°59'5.82"E	Sal
800 B	23°23'7.86"N	86°59'8.16"E	Sal
900 A	23°23'3.41"N	86°59'8.66"E	Sal
900 B	23°23'5.81"N	86°59'10.95"E	Dhaw

Table 143: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Susunia

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	23°23'20.77"N	86°58'47.65"E	23°23'19.84"N	86°58'46.57"E
	50b	23°23'21.78"N	86°58'46.36"E		
	50c	23°23'20.56"N	86°58'45.24"E		
Subplot 2	50a	23°23'20.93"N	86°58'50.21"E	23°23'19.91"N	86°58'51.44"E
	50b	23°23'19.77"N	86°58'49.00"E		
	50c	23°23'18.71"N	86°58'50.36"E		
Subplot 4	50a	23°23'16.76"N	86°58'53.23"E	23°23'15.45"N	86°58'52.17"E
	50b	23°23'15.74"N	86°58'54.59"E		
	50c	23°23'14.50"N	86°58'53.49"E		
Subplot 6	50a	23°23'10.56"N	86°59'1.42"E	23°23'11.44"N	86°59'0.11"E
	50b	23°23'11.57"N	86°59'0.01"E		
	50c	23°23'10.38"N	86°58'59.05"E		
Subplot 10	50a	23°23'4.56"N	86°59'9.76"E	23°23'4.39"N	86°59'9.77"E
	50b	23°23'3.66"N	86°59'11.16"E		
	50c	23°23'2.43"N	86°59'9.95"E		

6.11.3. Inventorization of Flora

Table 144: Documentation of all tree species in all the Subplots in Susunia

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp6	Sp4	Sp10	Total
1	*Acacia catechu*	Khayer			1			**1**
2	*Aegle mermalos*	Bel	1		7			**8**
3	*Anogeissus latifolia*	Dhaw					1	**1**
4	*Buchanania lanzan*	Piyal		1	5	5	1	**12**
5	*Butea monosperma*	Palash				1		**1**
6	*Cochlospermum religiosum*	Galgal	2		1	2		**5**
7	*Flacourtia indica*	Choto Boichi	1					**1**
8	*Lannea coromandalica*	Geol/Kachmola			1		2	**3**
9	*Madhuca latifolia*	Mahua	3		11	7	9	**30**
10	*Semecarpus anacardium*	Vella			2	1		**3**
11	*Shorea robusta*	Sal	756	707	1024	989	834	**4310**
	Total		**763**	**708**	**1052**	**1005**	**847**	**4375**

Table 145: Statistical analysis of all the Tree Species in Susunia

Sl. No.	Tree Species	Total	F%	RF %	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia catechu*	1	20	4	0.2	0.02	1.00	0.11	4.14	**0.03**	**0.102**
2	*Aegle mermalos*	8	40	8	1.6	0.18	4.00	0.45	8.63		
3	*Anogeissus latifolia*	1	20	4	0.2	0.02	1.00	0.11	4.14		
4	*Buchanania lanzan*	12	80	16	2.4	0.27	3.00	0.34	16.61		
5	*Butea monosperma*	1	20	4	0.2	0.02	1.00	0.11	4.14		
6	*Cochlospermum religiosum*	5	60	12	1	0.11	1.67	0.19	12.30		
7	*Flacourtia indica*	1	20	4	0.2	0.02	1.00	0.11	4.14		
8	*Lannea coromandalica*	3	40	8	0.6	0.07	1.50	0.17	8.24		
9	*Madhuca latifolia*	30	60	12	6	0.69	10.00	1.13	13.81		
10	*Semecarpus anacardium*	3	40	8	0.6	0.07	1.50	0.17	8.24		
11	*Shorea robusta*	4310	100	20	862	98.51	862.00	97.11	215.62		

a. Tree Species:

A total number of only 11 tree species were recorded at this permanent plot situated at Susunia where 4375 individual trees were distributed among these species. *Shorea robusta* (IVI = 215.62) which recorded 4310 trees was the dominant species accounting for nearly 99% of all species found at this site.

The only two species that were more than 10 trees were *Madhuca latifolia* with 30 trees and *Buchanania lanzan* with 12 trees.

Subplot 6 represented highest diversity of tree species (8) and also dominated by *Shorea robusta* (1024).

Shorea robusta was found in all the subplots recording 100% frequency. *Acacia catechu, Anogeissus latifolia, Butea monosperma* and *Flacourtia indica* were found to have least frequency (20%) and were found only in one of 5 subplots and contributing with only single individual wherever they occurred.

The Simpson's Diversity index (0.03) and Shannon's Diversity Index (0.102) of tree species indicated that the plot is very less diverse (richness and evenness). Simpson's Diversity index also explains that there is only 3% chance that 2 individuals selected at random from this plot would be from different tree species.

Buchanania lanzan was recorded as the tallest tree with a height of 15.24 m and a maximum GBH of 86.36 cm (subplot-2) and *Butea monosperma* (subplot-4) and *Lannea coromandelica* (subplot-6) were recorded as the shortest trees with a height of 4.57 m and GBH of 25.40 cm followed by *Aegle marmelos* with a height of 4.57 m and GBH of 35.56 cm and *Flacourtia jangomas* with a height of 4.57 m and GBH of 38.10 cm (subplot-1) (Table: 146).

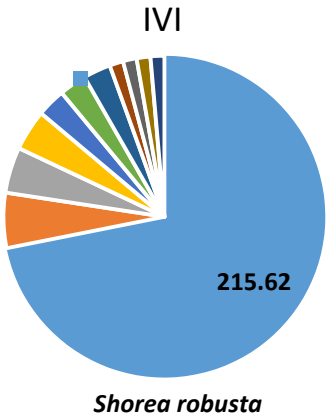


Figure 76: IVI Values of Dominant Tree Species in Susunia

Table 146: Average Height and GBH of trees at all the subplots in Susunia

Sl. No.	Scientific names	SP1		SP2		SP4		SP6		SP10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia catechu*							7.62	25.4		
2	*Aegle mermalos*	4.57	35.56					6.79	30.12		
3	*Anogeissus latifolia*									6.71	58.42
4	*Buchanania lanzan*			15.24	86.36	8.35	35.56	7.62	29.46	6.10	25.40
5	*Butea monosperma*					4.57	25.40				
6	*Cochlospermum religiosum*	5.33	34.29			6.55	39.37	7.62	33.02		
7	*Flacourtia jangomas*	4.57	38.1								
8	*Lannea coromandelica*							4.57	25.40	7.62	43.18
9	*Madhuca latifolia*	5.89	31.33			7.53	33.02	7.34	29.56	6.54	25.96
10	*Semecarpas anacardium*					7.62	30.48	6.10	25.40		
11	*Shorea robusta*	7.80	34.47	7.27	32.44	7.92	35.22	7.90	31.78	7.89	31.67

Table 147: Documentation of Shrub species (including tree saplings) in all the Subplots in Susunia

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp6	Sp4	Sp10	Total
1	*Breynia vitis-idaea*			4	10	29	17	**60**
2	*Carissa spinarum*	Karmedh	39	41	36	39		**155**
3	*Flacourtia indica*	CHoto Boichi	9	35	30	10	38	**122**
4	*Grewia helicterifolia*		19	26	21	35	49	**150**
5	*Helicteres isora*	Petmochra		12	12		10	**34**
6	*Phoenix acaulis*	Kitte	2				5	**7**
7	*Randia spinosa*	Goral Kanta	4				20	**24**
8	*Urena lobata*		19	25				**44**
9	*Ziziphus mauritiana*	Kul	8	10	22	38	28	**106**
10	*Ziziphus oenoplia*	Buda Kul	21	36	41	42	42	**182**
11	*Ziziphus rugosa*						20	**20**
12	*Woodfordia fruticosa*	Dhatki	38	21	19	52	41	**171**
Total			**159**	**210**	**191**	**245**	**270**	**1075**

Table 148: Statistical analysis of all the Shrub Species (including tree saplings) in Susunia

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Breynia vitis-idaea*	60	80	9.30	48.00	5.58	15.00	5.58	20.46	**0.88**	**2.22**
2	*Carissa spinarum*	155	80	9.30	124.00	14.42	38.75	14.42	38.14		
3	*Flacourtia indica*	122	100	11.63	97.60	11.35	24.40	9.08	32.05		
4	*Grewia helicterifolia*	150	100	11.63	120.00	13.95	30.00	11.16	36.74		
5	*Helicteres isora*	34	60	6.98	27.20	3.16	11.33	4.22	14.36		
6	*Phoenix acaulis*	7	40	4.65	5.60	0.65	3.50	1.30	6.60		
7	*Randia spinosa*	24	40	4.65	19.20	2.23	12.00	4.46	11.35		
8	*Urena lobata*	44	40	4.65	35.20	4.09	22.00	8.19	16.93		
9	*Ziziphus mauritiana*	106	100	11.63	84.80	9.86	21.20	7.89	29.38		
10	*Ziziphus oenoplia*	182	100	11.63	145.60	16.93	36.40	13.54	42.10		
11	*Ziziphus rugosa*	20	20	2.33	16.00	1.86	20.00	7.44	11.63		
12	*Woodfordia fruticosa*	171	100	11.63	136.80	15.91	34.20	12.72	40.26		

b. Shrub Species:

A total of 1075 individual shrubs under 12 shrub species were documented from this permanent plot.

The shrub vegetation was co-dominated by *Ziziphus oenoplia* (IVI = 42.10), *Woodfordia fruticosa* (IVI = 40.26*), Carissa spinarum (*IVI = 38.14), *Grewia helicterifolia* (IVI = 36.74), *Flacourtia indica* (IVI = 32.05), *Ziziphus mauritiana* (IVI = 29.38) and *Breynia vitis-idaea* (IVI = 20.46). Maximum number of individuals was contributed by *Ziziphus oenoplia* (182), *Woodfordia fruticosa* (171), *Carissa spinarum* (155), *Grewia helicterifolia* (150) and *Flacourtia indica* (122), *Ziziphus mauritiana* (106) and *Breynia vitis-idaea* (60).

With highest frequency (100%) *Flacourtia indica, Grewia helicterifolia, Ziziphus mauritiana, Ziziphus oenoplia* and *Woodfordia fruticosa* were found in all the subplots. *Ziziphus rugosa* was

found to have the lowest frequency (20%) documented only from single subplot. *Phoenix acaulis, Ziziphus rugosa* and *Randia spinosa* were represented with only 7, 20 and 24 individuals respectively.

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.22) indicated that the plot sustained high diversity with high richness and evenness of shrub species. Simpson's Diversity index also explains that there is 88% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

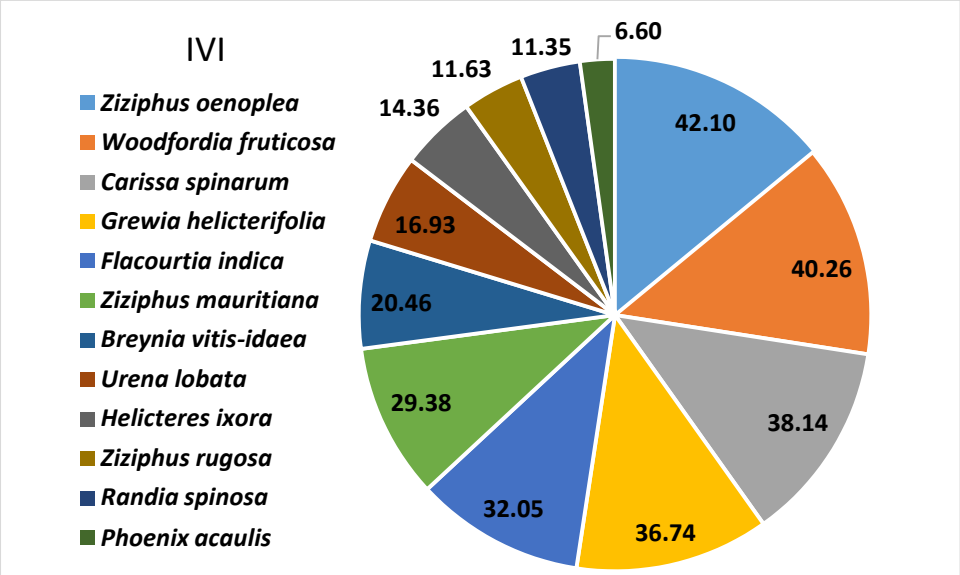


Figure 77: IVI Values of Dominant Shrubs (including tree saplings) in Susunia

Table 149: Documentation of Liana species in all the Subplots in Susunia

Sl. No.	Liana Species	Common name	Sp1	Sp2	Sp6	Sp4	Sp10	Total
1	*Aristolochia indica*	Iswarmul		1		1		**2**
2	*Butea superba*	Chihor	4	6	4		11	**25**
3	*Dioscorea bulbifera*	Kappu		23	15			**38**
4	*Dioscorea esculenta*	Chupri Alu		20	6	15		**41**
5	*Ichnocarpus frutescens*	Dudhi Lata	22	23	37	52	55	**189**
6	*Smilax zeylanica*	Ram Dantan	21	30	21	28	8	**108**
7	*Stephania hernandifolia*				4	10	11	**25**
8	*Ventilago denticulata*	Bonga Sarjom				5		**5**
Total			**47**	**103**	**87**	**111**	**85**	**433**

Table 150: Statistical analysis of all the Liana species in Susunia

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aristolochia indica*	2	40	8.00	1.60	0.46	1.00	0.89	9.35	**0.73**	**1.55**
2	*Butea superba*	25	80	16.00	20.00	5.77	6.25	5.55	27.32		
3	*Dioscorea bulbifera*	38	40	8.00	30.40	8.78	19.00	16.87	33.64		
4	*Dioscorea esculenta*	41	60	12.00	32.80	9.47	13.67	12.13	33.60		
5	*Ichnocarpus frutescens*	189	100	20.00	151.20	43.65	37.80	33.56	97.20		
6	*Smilax zeylanica*	108	100	20.00	86.40	24.94	21.60	19.17	64.12		

7	*Stephania hernandifolia*	25	60	12.00	20.00	5.77	8.33	7.40	25.17
8	*Ventilago denticulata*	5	20	4.00	4.00	1.15	5.00	4.44	9.59

c. Liana Species:

433 individual lianas under 8 liana species were documented from this permanent plot.

The liana vegetation was dominated by *Ichnocarpus frutescens* (IVI = 97.20), *Smilax zeylanica* (IVI = 64.12), *Dioscorea bulbifera* (IVI = 33.64), *Dioscorea esculenta* (IVI = 33.60), *Butea superba* (IVI = 27.32) and *Stephania hernandifolia* (IVI = 25.17).

Maximum number of individuals was also contributed by *Ichnocarpus frutescens* (189) and *Smilax zeylanica* (108) while the remaining six species recorded less than fifty individuals.

Showing the highest frequency (100%) *Ichnocarpus frutescens* and *Smilax zeylanica* were found in all the subplots. *Ventilago denticulata* recorded the lowest frequency (20%) and documented only from a single subplot. *Aristolochia indica* and *Ventilago denticulata* were only 2 and 5 individuals respectively.

The Simpson's Diversity index (0.73) and Shannon's Diversity Index (1.55) indicated that the plot sustained moderate diversity with moderate richness and evenness of liana species. Simpson's Diversity index also explains that there is 73% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

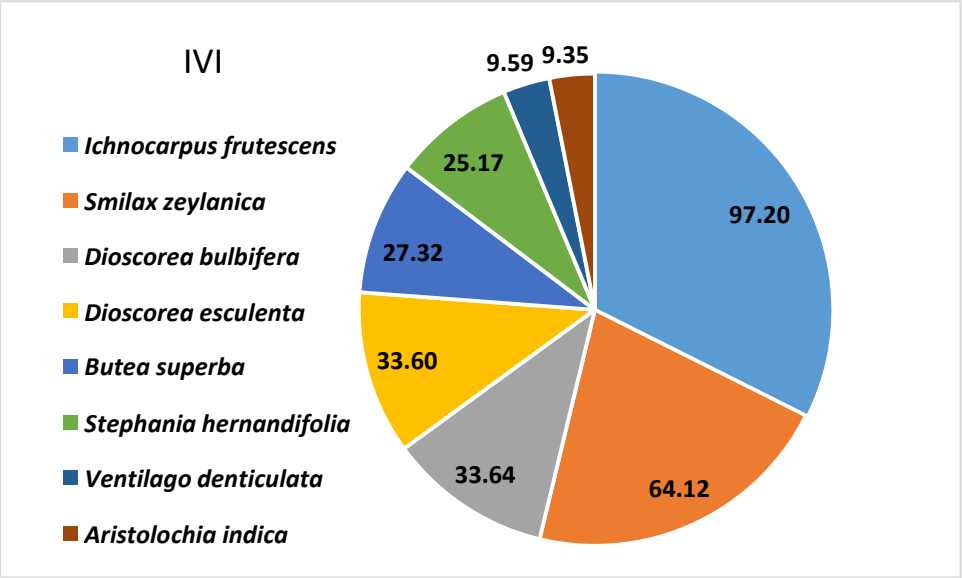


Figure 78: IVI Values of Dominant Liana species in Susunia

Table 151: Documentation of all Herb species in all the nested Subplots in Susunia

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp6	Sp4	Sp10	Total
1	*Andrographis paniculata*	Kalmegh	73	73	35	121	55	**357**
2	*Barleria cristata*	Jhinti	18	42	30	18	23	**131**
3	*Canscora decussata*		9		54		13	**76**
4	*Cheilanthes tenuifolia*	Durga jhapi		18				**18**
5	*Crotalaria prostrata*		16	17	11	15		**59**

6	*Evolvulus nummularius*		12	8	3	9	9	**41**
7	*Gynura cusimbua*	Bon Sorisha	5	41	48			**94**
8	*Oldenlandia corymbosa*			5	13	21		**39**
9	*Rungia pectinata*				33	12	28	**73**
10	*Sida humilis*				9			**9**
11	*Strobilanthes lanata*		85	50	27	17		**179**
12	*Triumfetta rhomboidea*		13	41		25	26	**105**
13	*Vicoa indica*		13	1				**14**
Total			**244**	**296**	**263**	**238**	**154**	**1195**

Table 152: Statistical analysis of all the Herb Species in Susunia

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	357	100	11.63	7140	29.87	71.40	22.34	63.85	**0.85**	**2.18**
2	*Barleria cristata*	131	100	11.63	2620	10.96	26.20	8.20	30.79		
3	*Canscora decussata*	76	60	6.98	1520	6.36	25.33	7.93	21.26		
4	*Cheilanthes tenuifolia*	18	20	2.33	360	1.51	18.00	5.63	9.46		
5	*Crotalaria prostrata*	59	80	9.30	1180	4.94	14.75	4.62	18.86		
6	*Evolvulus nummularius*	41	100	11.63	820	3.43	8.20	2.57	17.62		
7	*Gynura cusimbua*	94	60	6.98	1880	7.87	31.33	9.81	24.65		
8	*Oldenlandia corymbosa*	39	60	6.98	780	3.26	13.00	4.07	14.31		
9	*Rungia pectinata*	73	60	6.98	1460	6.11	24.33	7.61	20.70		
10	*Sida humilis*	9	20	2.33	180	0.75	9.00	2.82	5.90		
11	*Strobilanthes lanata*	179	80	9.30	3580	14.98	44.75	14.00	38.29		
12	*Triumfetta rhomboidea*	105	80	9.30	2100	8.79	26.25	8.21	26.30		
13	*Vicoa indica*	14	40	4.65	280	1.17	7.00	2.19	8.01		

d. Herb Species:

1195 individual herbs belonging to 13 herbaceous species have been documented here.

The herbaceous vegetation was co-dominated by *Andrographis paniculata* (IVI = 63.85), *Strobilanthes lanata* (IVI = 38.29), *Barleria cristata* (IVI = 30.79), *Triumfetta rhomboidea* (IVI = 26.30), *Gynura cusimbua* (IVI = 24.65), *Canscora decussata* (IVI = 24.65) and *Rungia pectinata* (IVI = 20.70). The maximum number of individuals were contributed by *Andrographis paniculata* (357) followed by *Strobilanthes lanata* (179), *Barleria cristata* (131) and *Triumfetta rhomboidei* (105).

Andrographis paniculata, Barleria cristata and *Evolvulus nummularius* were found in all the subplots with the maximum frequency (100%). Those species with the least frequency (20%) and documented only from a single subplot belonged to *Cheilanthes tenuifolia* and *Sida humilis*. Moreover, *Sida humilis, Vicoa indica* and *Cheilanthes tenuifolia* were observed to have made the minimum contribution to the herbaceous ground vegetation (9, 14 and 18 individuals respectively).

The Simpson's Diversity index (0.85) and Shannon's Diversity Index (2.18) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's

Diversity index also explains that there is 85% chance that 2 individuals selected at random from this plot would be from different herb species.

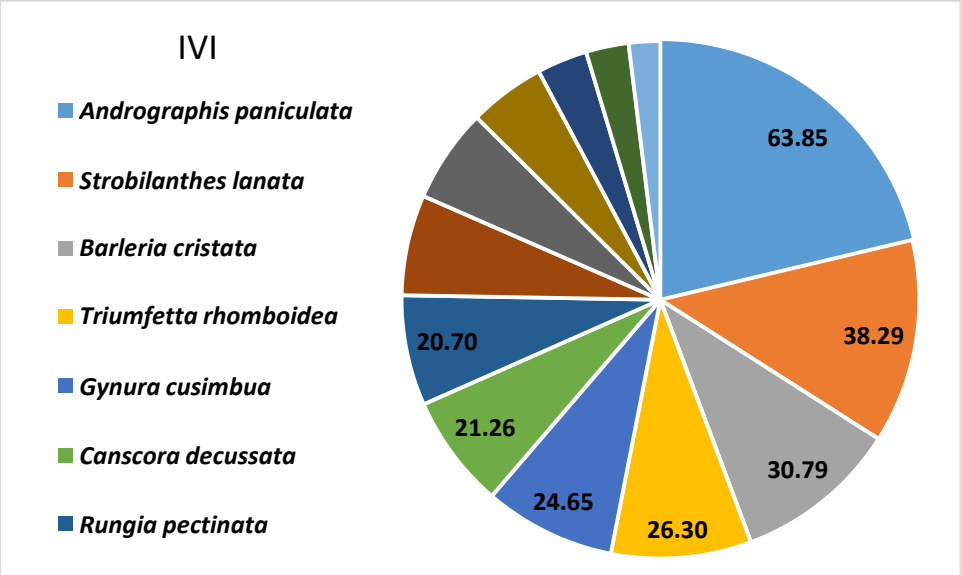


Figure 79: IVI Values of Dominant Herb Species in Susunia

Table 153: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Susunia

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp6	Sp4	Sp10	Total
1	*Asparagus racemosus*	Satamuli	8	10	6			**24**
2	*Cajanus scrabareoides*	Kurthi	21	35	21	10	62	**149**
3	*Cuscuta reflexa*	Swarnalata					4	**4**
4	*Hemidesmus indicus*	Anantamul	28	22	16			**66**
5	*Lygodium flexuosum*				2	2		**4**
6	*Rivea hypocrateryformis*	Kinduara			2			**2**
7	*Tylophora indica*	Antamul	6		13			**19**
Total			**63**	**67**	**60**	**12**	**66**	**268**

Table 154: Statistical analysis of all the Scrambler, creeper and twiner species in Susunia

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	24	60	17.65	480	8.96	8.00	10.35	36.95	**0.62**	**1.24**
2	*Cajanus scrabareoides*	149	100	29.41	2980	55.60	29.80	38.55	123.56		
3	*Cuscuta reflexa*	4	20	5.88	80	1.49	4.00	5.17	12.55		
4	*Hemidesmus indicus*	66	60	17.65	1320	24.63	22.00	28.46	70.73		
5	*Lygodium flexuosum*	4	40	11.76	80	1.49	2.00	2.59	15.84		
6	*Rivea hypocrateryformis*	2	20	5.88	40	0.75	2.00	2.59	9.22		
7	*Tylophora indica*	19	40	11.76	380	7.09	9.50	12.29	31.14		

e. Scrambler, creeper and twiner species:

Seven scrambler, creeper and twiner species with a total number of 268 individuals were documented from this permanent plot.

The scrambler, creeper and twiner were mostly dominated by *Cajanus scrabareoides* (IVI = 123.56) and *Hemidesmus indicus* (IVI = 70.73). Maximum number of individuals was also contributed by *Cajanus scrabareoides* (149) followed by *Hemidesmus indicus* (66).

Cajanus scrabareoides was the only species found in all the subplots with the maximum frequency of 100%. *Cuscuta reflexa* and *Rivea hypocrateryformis*, having 20% frequency, existed in single subplot. *Rivea hypocrateryformis, Lygodium flexuosum* and *Cuscuta reflexa* contribution to the climber vegetation was 2, 4 and 4 individuals respectively.

The Simpson's Diversity index (0.62) and Shannon's Diversity Index (1.24) indicated less diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 62% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

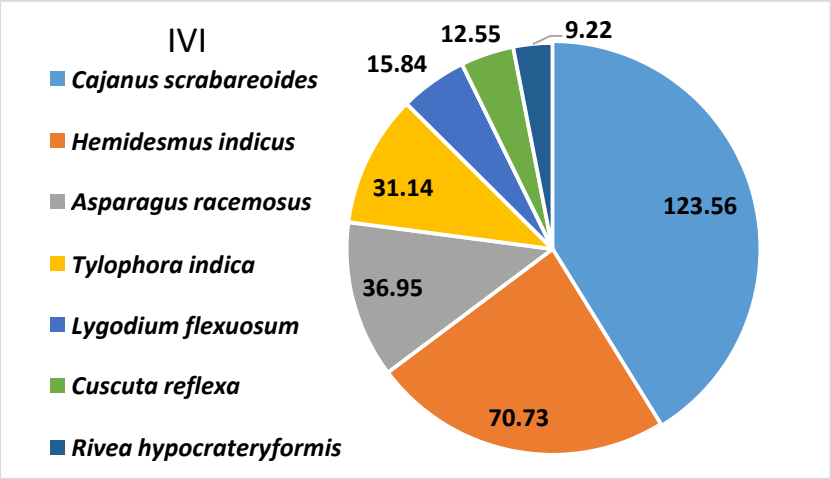


Figure 80: IVI Values of Dominant Scrambler, creeper and twiner species in Susunia

6.11.4. Inventory of Associated Bird Species

During field trip 5 species of birds were documented in the selected subplots, which was the lowest documented species in one plot in South West Bengal. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 155: All Bird species documented Subplot wise in Susunia

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Black Hooded Oriole	*Oriolus xanthornus*	LC	2
2	Common Tailor Bird	*Orthotomus sutorius*	LC	2
3	Jungle Babbler	*Turdoides striata*	LC	1, 7
4	Red vented Bulbul	*Pycnonotus cafer*	LC	7
5	Spotted Dove	*Stigmatopella chinensis*	LC	2, 7

6.12. PERMANENT PLOT: PANCHET (BISHNUPUR)

6.12.1. NAME AND LOCATION OF THE AREA

- District: Bankura
- Division: Panchet
- Range: Bishnupur
- Beat: Basudevpur
- Mouza: Basudevpur

Twelfth field trip was undertaken during 14th to 17th December 2020 in Panchet (Bishnupur) under Bishnupur Range of Panchet Forest Division, South West Bengal.

Joypur (community development block) (also spelled Jaypur, Jaipur) is an administrative division in Bishnupur subdivision of Bankura district in the Indian state of West Bengal. Joypur police station serves this block. Headquarters of this block is at Joypur.

This is a dense forest of 120 square kilometers with a watch tower to catch a glimpse of the greenery and the spotted deer – Cheetals. You would also find a good population of birds here – especially parrots. The forest vegetation mainly comprises Sal and Teak with few other trees like Amla and Bohera.

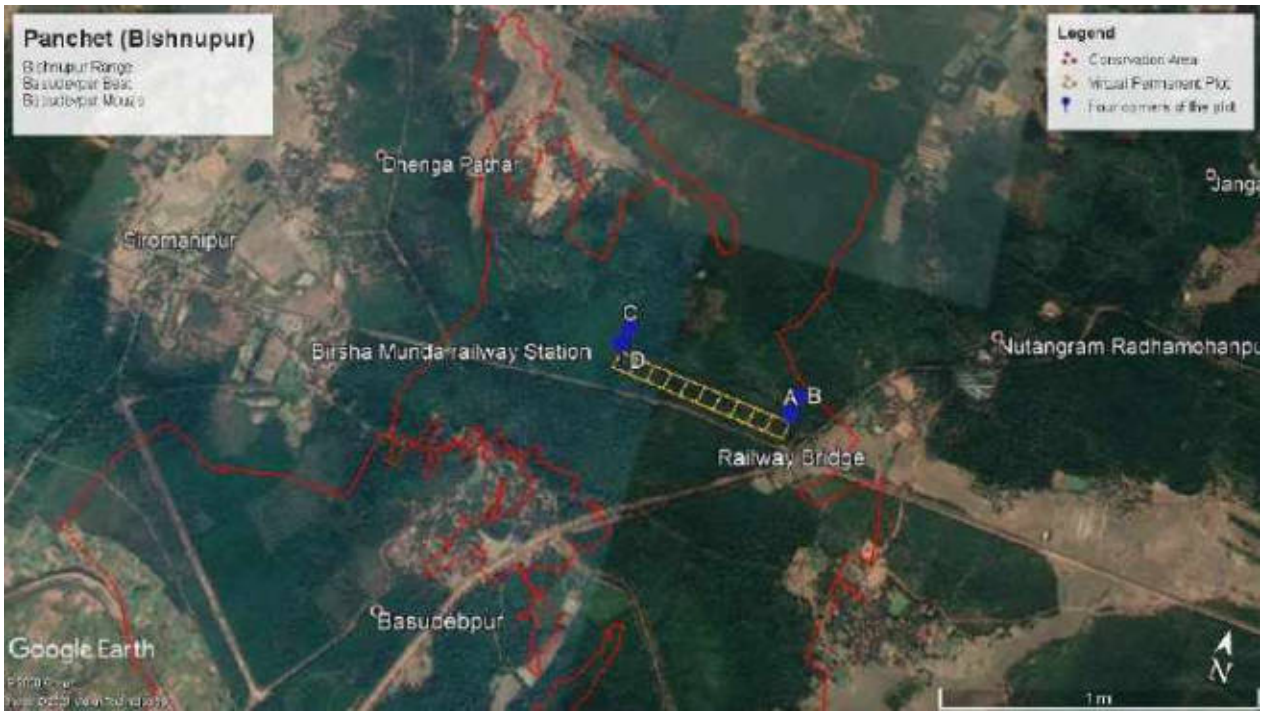


Figure 81: Permanent plot selected at Panchet

6.12.2.Ground survey:

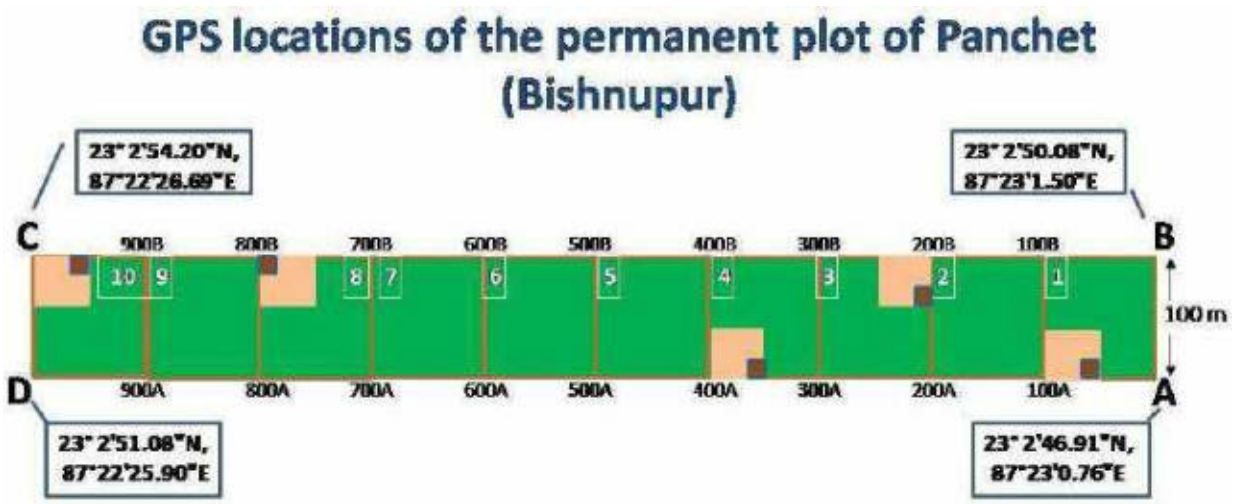


Figure 82: GPS location of the plot with schematic diagram of chosen subplots in Panchet

Table 156: Latitude / Longitude of all the Subplots in Panchet

Subplot points	Latitude	Longitude	Tree Name
100 A	23° 2'47.34"N	87°22'57.25"E	Sal
100 B	23° 2'50.47"N	87°22'57.97"E	Sal
200 A	23° 2'47.70"N	87°22'53.69"E	Sal
200 B	23° 2'50.91"N	87°22'54.50"E	Sal
300 A	23° 2'48.12"N	87°22'50.30"E	Sal
300 B	23° 2'51.32"N	87°22'51.02"E	Sal
400 A	23° 2'48.55"N	87°22'46.74"E	Sal
400 B	23° 2'51.71"N	87°22'47.57"E	Sal
500 A	23° 2'48.94"N	87°22'43.21"E	Sal
500 B	23° 2'52.13"N	87°22'44.11"E	
600 A	23° 2'49.39"N	87°22'39.78"E	
600 B	23° 2'52.57"N	87°22'40.49"E	Sal
700 A	23° 2'49.80"N	87°22'36.30"E	Sal
700 B	23° 2'52.95"N	87°22'37.06"E	Sal
800 A	23° 2'50.25"N	87°22'32.72"E	Sal
800 B	23° 2'53.35"N	87°22'33.60"E	Sal
900 A	23° 2'50.64"N	87°22'29.32"E	Piyasal
900 B	23° 2'53.81"N	87°22'30.04"E	Sal

Table 157: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Panchet

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	23° 2'48.96"N	87°22'57.63"E	23° 2'47.28"N	87°22'59.00"E
	50b	23° 2'48.72"N	87°22'59.37"E		
	50c	23° 2'47.17"N	87°22'59.16"E		
Subplot 3	50a	23° 2'51.09"N	87°22'52.86"E	23° 2'49.48"N	87°22'54.03"E
	50b	23° 2'49.57"N	87°22'52.43"E		
	50c	23° 2'49.39"N	87°22'54.15"E		
Subplot 4	50a	23° 2'50.17"N	87°22'47.14"E	23° 2'48.44"N	87°22'48.36"E
	50b	23° 2'49.96"N	87°22'48.84"E		
	50c	23° 2'48.42"N	87°22'48.51"E		
Subplot 8	50a	23° 2'53.13"N	87°22'35.35"E	23° 2'53.16"N	87°22'33.66"E
	50b	23° 2'51.60"N	87°22'35.01"E		
	50c	23° 2'51.83"N	87°22'33.20"E		
Subplot 10	50a	23° 2'53.96"N	87°22'28.48"E	23° 2'53.83"N	87°22'28.36"E
	50b	23° 2'52.51"N	87°22'28.06"E		
	50c	23° 2'52.65"N	87°22'26.39"E		

6.12.3. Inventorization of Flora

Table 158: Documentation of all tree species in all the Subplots in Panchet

Sl. No.	Tree Species	Common name	Sp1	Sp3	Sp4	Sp8	Sp10	Total
1	*Adina cordifolia*	Korom				3		**3**
2	*Albizia lebbeck*	Sirish				1		**1**
3	*Bridelia retusa*	Hbuans/Kosai				2		**2**
4	*Buchanania lanzan*	Piyal	1		1		2	**4**
5	*Cassia fistula*	Sonalu				3		**3**
6	*Diospyros excelsa*	Kendu	1					**1**
7	*Ficus bengalensis*	Not				1		**1**
8	*Madhuca latifolia*	Mahua		1	2		4	**7**
9	*Mitragyna parvifolia*	Keli Kadam				1		**1**
10	*Pterocarpus marsupium*	Murga		2	1	1	2	**6**
11	*Semecarpas anacardium*	Vella		1	1			**2**
12	*Shorea robusta*	Sal	945	1088	1216	702	1086	**5037**
13	*Terminalia bellirica*	Bogra	9	2	1	2		**14**
14	*Terminalia tomentosa*	Asan				7		**7**
Total			**956**	**1094**	**1222**	**723**	**1094**	**5089**

Table 159: Statistical analysis of all the Tree Species in Panchet

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Adina cordifolia*	3	20	3.45	0.6	0.06	3.00	0.29	3.80	**0.02**	**0.08**
2	*Albizia lebbeck*	1	20	3.45	0.2	0.02	1.00	0.10	3.56		
3	*Bridelia retusa*	2	20	3.45	0.4	0.04	2.00	0.19	3.68		
4	*Buchanania lanzan*	4	60	10.34	0.8	0.08	1.33	0.13	10.55		
5	*Cassia fistula*	3	20	3.45	0.6	0.06	3.00	0.29	3.80		
6	*Diospyros excelsa*	1	20	3.45	0.2	0.02	1.00	0.10	3.56		
7	*Ficus bengalensis*	1	20	3.45	0.2	0.02	1.00	0.10	3.56		
8	*Madhuca latifolia*	7	60	10.34	1.4	0.14	2.33	0.23	10.71		
9	*Mitragyna parvifolia*	1	20	3.45	0.2	0.02	1.00	0.10	3.56		
10	*Pterocarpus marsupium*	6	80	13.79	1.2	0.12	1.50	0.14	14.06		
11	*Semecarpas anacardium*	2	40	6.90	0.4	0.04	1.00	0.10	7.03		
12	*Shorea robusta*	5037	100	17.24	1007.4	98.98	1007.40	97.23	213.45		
13	*Terminalia bellirica*	14	80	13.79	2.8	0.28	3.50	0.34	14.41		
14	*Terminalia tomentosa*	7	20	3.45	1.4	0.14	7.00	0.68	4.26		

a. Tree Species:

A total of 5089 individual trees were documented from this permanent plot situated at Panchet, distributed among 14 different tree species. Once again, the vegetation was dominated by *Shorea robusta* (IVI = 213.45), and also recording the highest number of 5037 individual trees accounting for nearly 99% of all the trees recorded.

Subplot 8 represented highest diversity of tree species (10) and also dominated by *Shorea robusta* (702).

With highest frequency (100%) *Shorea robusta* was the species that was found in all the 5 subplots. Except for *Terminalia bellirica* which was 80% frequency and occurring in 4 of the 5 subplots, the other species like *Adina cordifolia, Albizia lebbeck, Bridelia retusa, Cassia fistula, Diospyros excelsa, Ficus bengalensis, Mitragyna parvifolia* and *Terminalia tomentosa* were found to have least frequency (20%) and documented only from single subplot and of these *Albizia lebbeck, Diospyros excelsa, Ficus bengalensis* and *Mitragyna parvifolia* contributed with only single individual.

The Simpson's Diversity index (0.02) and Shannon's Diversity Index (0.08) of tree species indicated that the plot is very less diverse (richness and evenness). Simpson's Diversity index also explains that there is only 2% chance that 2 individuals selected at random from this plot would be from different tree species.

Ficus bengalensis was recorded as the tallest tree with a height of 18.29 m and a maximum GBH of 304.80 cm (subplot-8) and *Diospyros excelsa* was recorded as the shortest tree with a height of 4.57m and GBH of 25.40 cm (subplot-1) (Table: 160).

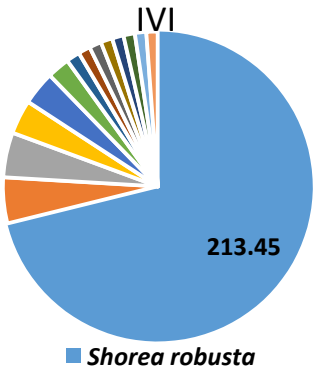


Figure 83: IVI Values of Dominant Tree Species in Panchet

Table 160: Average Height and GBH of trees at all the subplots in Panchet

Sl. No.	Scientific Names	SP1		SP4		SP3		SP8		SP10	
		AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)
1	*Adina cordifolia*							10.16	76.20		
2	*Albizia lebbeck*							15.24	182.80		
3	*Bridelia retusa*							6.86	35.56		
4	*Buchanania lanzan*	8.23	63.50	13.72	76.20					12.19	76.20
5	*Cassia fistula*							7.01	41.49		
6	*Diospyros excelsa*	4.57	25.40								
7	*Ficus bengalensis*							18.29	304.80		
8	*Madhuca latifolia*			4.88	26.67	6.10	27.94			4.95	25.40
9	*Mitragyna parviflora*							13.72	106.68		
10	*Pterocarpus marsupium*			9.14	30.48	11.13	69.85	6.10	30.48	13.26	57.15
11	*Semecarpas anacardium*			6.10	27.94	8.23	63.50				
12	*Shorea robusta*	9.45	46.59	9.94	40.19	9.89	44.28	9.94	45.07	9.69	39.88
13	*Terminalia bellirica*	10.94	69.71	6.71	27.94	9.14	52.07	9.30	43.18		
14	*Terminalia tomentosa*							7.84	40.28		

Table 161: Documentation of Shrub species (including tree saplings) in all the Subplots in Panchet

Sl. No.	Shrub Species	Common name	Sp1	Sp3	Sp4	Sp8	Sp10	Total
1	*Acacia farnesiana*	Ruirui	2	2		20		**24**
2	*Breynia vitis-idaea*			2		23	7	**32**
3	*Carissa spinarum*	Karmedh				21		**21**
4	*Ceriscoides turgida*	Gurmon	18	64	62	62	82	**288**
5	*Clerodendrum infortunatum*	Bhant	8	20		38	13	**79**
6	*Desmodium gangeticum*	Salpani					13	**13**
7	*Flacourtia indica*	Choto Boichi	22	6	26	16	14	**84**
8	*Randia spinosa*	Goral Kanta	11	35			25	**71**
9	*Urena sinuata*						3	**3**
10	*Ziziphus mauritiana*	Kul		1	14		4	**19**

11	*Ziziphus oenoplia*	Buda Kul/Kasi Kul	13	2	21	36		**72**
12	*Woodfordia fruticosa*	Dhatki	7					**7**
Total			**81**	**132**	**123**	**216**	**161**	**713**

Table 162: Statistical analysis of all the Shrub Species (including tree saplings) in Panchet

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia farnesiana*	24	60	8.82	19.20	3.37	8.00	3.91	16.10	**0.79**	**1.92**
2	*Breynia vitis-idaea*	32	60	8.82	25.60	4.49	10.67	5.21	18.52		
3	*Carissa spinarum*	21	20	2.94	16.80	2.95	21.00	10.25	16.14		
4	*Ceriscoides turgida*	288	100	14.71	230.40	40.39	57.60	28.12	83.22		
5	*Clerodendrum infortunatum*	79	80	11.76	63.20	11.08	19.75	9.64	32.49		
6	*Desmodium gangeticum*	13	20	2.94	10.40	1.82	13.00	6.35	11.11		
7	*Flacourtia indica*	84	100	14.71	67.20	11.78	16.80	8.20	34.69		
8	*Randia spinosa*	71	60	8.82	56.80	9.96	23.67	11.55	30.34		
9	*Urena sinuata*	3	20	2.94	2.40	0.42	3.00	1.46	4.83		
10	*Ziziphus mauritiana*	19	60	8.82	15.20	2.66	6.33	3.09	14.58		
11	*Ziziphus oenoplia*	72	80	11.76	57.60	10.10	18.00	8.79	30.65		
12	*Woodfordia fruticosa*	7	20	2.94	5.60	0.98	7.00	3.42	7.34		

b. Shrub Species:

A total number of 713 shrub individuals under 12 shrub species were documented from this permanent plot.

The shrub vegetation was dominated by *Ceriscoides turgida* (IVI = 83.22) followed by *Flacourtia indica* (IVI = 34.69), *Clerodendrum infortunatum* (IVI = 32.49), *Ziziphus oenoplia* (IVI = 30.65) and *Randia spinosa* (IVI = 30.34).

Maximum number of individuals was contributed by *Ceriscoides turgida* (288) while all the species were below hundred.

With highest frequency (100%) *Ceriscoides turgida* and *Flacourtia indica* were found in all the subplots. *Carissa spinarum, Desmodium gangeticum, Urena sinuata* and *Woodfordia fruticosa* were found to have lowest frequency (20%) and documented only from a single subplot. *Urena cinuata* and *Woodfordia fruticosa* contributed only 3 and 7 individuals respectively.

The Simpson's Diversity index (0.79) and Shannon's Diversity Index (1.92) indicated that the plot sustained moderate diversity with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 79% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

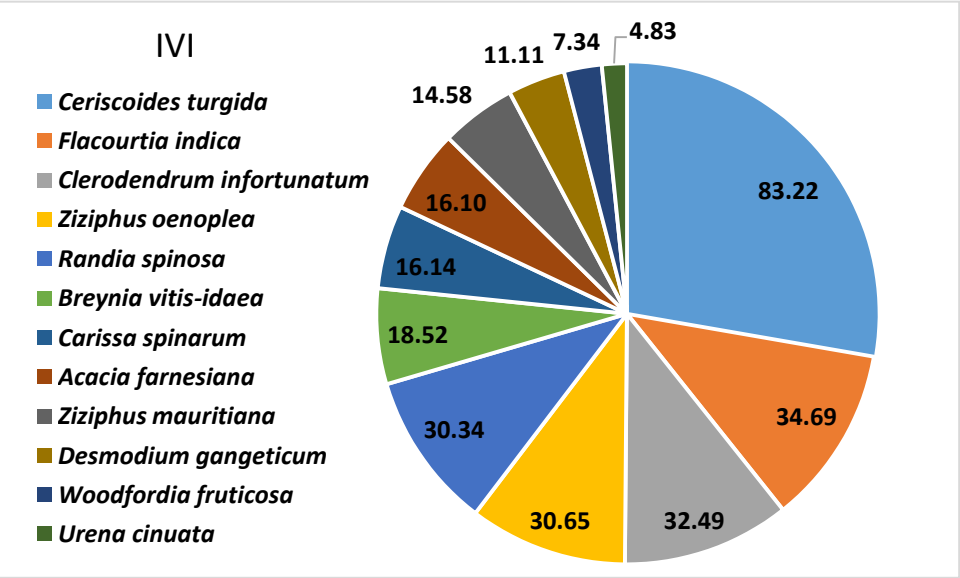


Figure 84: IVI Values of Dominant Shrubs (including tree saplings) in Panchet

Table 163: Documentation of Liana species in all the Subplots in Panchet

Sl. No.	Liana Species	Comon name	Sp1	Sp3	Sp4	Sp8	Sp10	Total
1	*Aristolochia indica*	Iswarmul	2	2	18	24	17	**63**
2	*Combretum decandrum*	Atang/Atari	49	71	75		76	**271**
3	*Dioscorea bulbifera*	Khamalu	7	16	20	26	19	**88**
4	*Dioscorea esculenta*	Chupri Alu			3			**3**
5	*Ichnocarpus frutescens*	Dudhi Lata	4	89	60	41	42	**236**
6	*Smilax zeylanica*	Ram Dantan	3	11	17	7	28	**66**
7	*Stephania hernandifolia*		9	5		12		**26**
8	*Ventilago denticulata*	Bonga Sarjim				18		**18**
Total			**74**	**194**	**193**	**128**	**182**	**771**

Table 164: Statistical analysis of all the Liana species in Panchet

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aristolochia indica*	63	100	17.24	50.40	8.17	12.60	6.70	32.11	**0.76**	**1.61**
2	*Combretum decandrum*	271	80	13.79	216.80	35.15	67.75	36.03	84.98		
3	*Dioscorea bulbifera*	88	100	17.24	70.40	11.41	17.60	9.36	38.02		
4	*Dioscorea esculenta*	3	20	3.45	2.40	0.39	3.00	1.60	5.43		
5	*Ichnocarpus frutescens*	236	100	17.24	188.80	30.61	47.20	25.10	72.95		
6	*Smilax zeylanica*	66	100	17.24	52.80	8.56	13.20	7.02	32.82		
7	*Stephania hernandifolia*	26	60	10.34	20.80	3.37	8.67	4.61	18.33		
8	*Ventilago denticulata*	18	20	3.45	14.40	2.33	18.00	9.57	15.36		

c. Liana Species:

A total of 771 individuals under 8 liana species were documented from this permanent plot.

The vegetation was dominated by *Combretum decandrum* (IVI = 84.98), *Ichnocarpus frutescens* (IVI = 72.95), *Dioscorea bulbifera* (IVI = 38.02), *Smilax zeylanica* (IVI = 32.82) and *Aristolochia indica* (IVI = 32.11). Maximum number of individuals was also contributed by *Combretum decandrum* (271) and *Ichnocarpus frutescens* (236).

With highest frequency (100%) *Aristolochia indica, Dioscorea bulbifera, Ichnocarpus frutescens* and *Smilax zeylanica* were found in all the subplots. *Dioscorea esculenta* and *Ventilago denticulata* were found to have lowest frequency (20%) and documented only from a single subplot. *Dioscorea esculenta* and *Ventilago denticulata* contribution to the liana vegetation was 3 and 18 individuals respectively.

The Simpson's Diversity index (0.76) and Shannon's Diversity Index (1.61) indicated that the plot sustained moderate diversity with moderate richness and evenness of liana species. Simpson's Diversity index also explains that there is 76% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

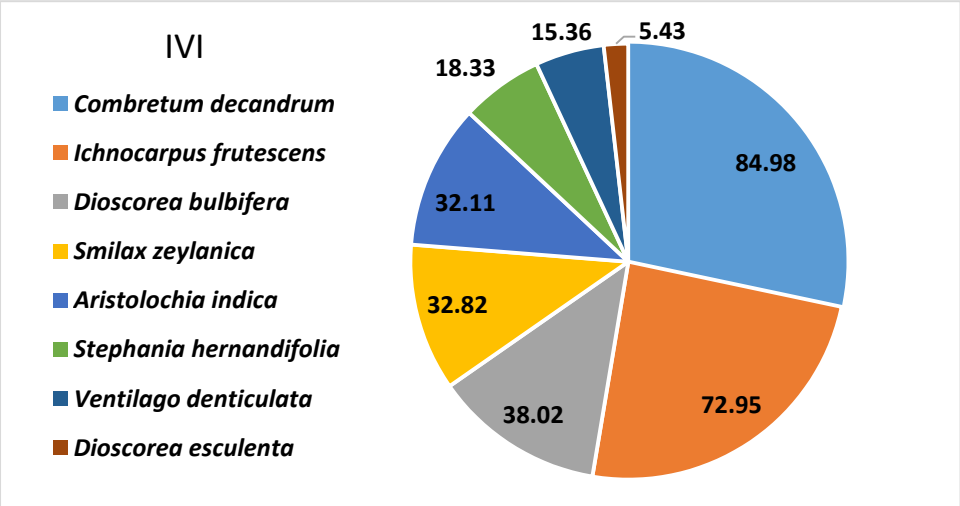


Figure 85: IVI Values of Dominant Liana species in Panchet

Table 165: Documentation of all Herb species in all the nested Subplots in Panchet

Sl. No.	Herb Species	Common name	Sp1	Sp3	Sp4	Sp8	Sp10	Total
1	*Allium ursinum*	Bon Peaj	23	16		31	21	**91**
2	*Andrographis paniculata*	Kalmegh					15	**15**
3	*Barleria cristata*	Jhinti	13		37	21		**71**
4	*Cheilanthes tenuifolia*	Durga Jhapi	68	81	115			**264**
5	*Chromolaena odorata*					19	6	**25**
6	*Crotalaria prostrata*				21		6	**27**
7	*Elephantropus scaber*		34	25	21	27	26	**133**
8	*Evolvulus nummularius*		13			22		**35**
9	*Gynura cusimbua*	Bon Sorisha	21	51			8	**80**
10	*Oldenlandia corymbosa*			43	42	51		**136**
11	*Oxalis corniculata*	Amrul Sak		75	92			**167**
Total			**172**	**291**	**328**	**171**	**82**	**1044**

Table 166: Statistical analysis of all the Herb Species in Panchet

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Allium ursinum*	91	80	13.33	1820	8.72	22.75	6.07	28.12	**0.86**	**2.12**
2	*Andrographis paniculata*	15	20	3.33	300	1.44	15.00	4.00	8.77		
3	*Barleria cristata*	71	60	10.00	1420	6.80	23.67	6.31	23.11		
4	*Cheilanthes tenuifolia*	264	60	10.00	5280	25.29	88.00	23.47	58.75		
5	*Chromolaena odorata*	25	40	6.67	500	2.39	12.50	3.33	12.39		
6	*Crotalaria prostrata*	27	40	6.67	540	2.59	13.50	3.60	12.85		
7	*Elephantropus scaber*	133	100	16.67	2660	12.74	26.60	7.09	36.50		
8	*Evolvulus nummularius*	35	40	6.67	700	3.35	17.50	4.67	14.69		
9	*Gynura cusimbua*	80	60	10.00	1600	7.66	26.67	7.11	24.77		
10	*Oldenlandia corymbosa*	136	60	10.00	2720	13.03	45.33	12.09	35.12		
11	*Oxalis corniculata*	167	40	6.67	3340	16.00	83.50	22.27	44.93		

d. Herb Species:

A total number of 1044 individuals belonging to 11 herbaceous species were documented here.

The vegetation was co-dominated by *Cheilanthes tenuifolia* (IVI = 58.75), *Oxalis corniculata* (IVI = 44.93), *Elephantropus scaber* (IVI = 36.50), *Oldenlandia corymbosa* (IVI = 35.12), *Allium ursinum* (IVI = 28.12), *Gynura cusimbua* (IVI = 24.77) and *Barleria cristata* (IVI = 23.11). Maximum numbers of individuals were contributed by *Cheilanthes tenuifolia* (264) followed by *Oxalis corniculata* (167), *Oldenlandia corymbosa* (136) and *Elephantropus scaber* (133).

With maximum frequency (100%) *Elephantropus scaber* was found in all the subplots. *Andrographis paniculata* was found to have the least frequency (20%) and documented only from a single subplot. *Andrographis paniculata* was observed to have the minimum number of 15 individuals.

The Simpson's Diversity index (0.86) and Shannon's Diversity Index (2.12) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 86% chance that 2 individuals selected at random from this plot would be from different herb species.

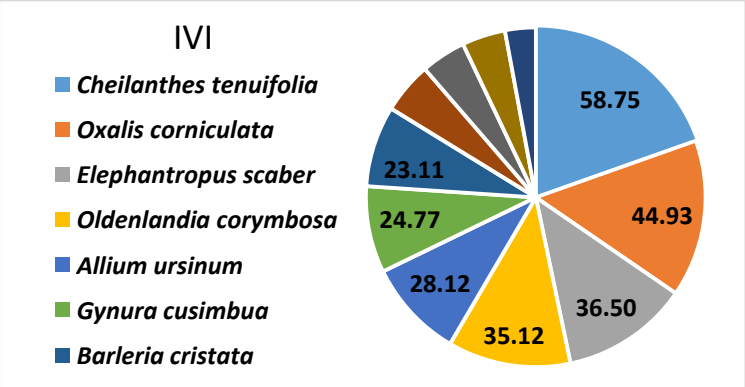


Figure 86: IVI Values of Dominant Herb Species in Panchet

Table 167: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Panchet

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp3	Sp4	Sp8	Sp10	Total
1	*Asparagus racemosus*	Satamuli	1					**1**
2	*Hemidesmus indicus*	Anantamul	22	25	33	47	37	**164**
3	*Lygodium flexuosum*			3		35	3	**41**
4	*Mucuna pruriens*	Alkushi	2			17	20	**39**
5	*Rivea hypocrateryformis*	Kinduara	7			14		**21**
6	*Vigna trilobata*	Mas Kolai	9	3	7			**19**
Total			**41**	**31**	**40**	**113**	**60**	**285**

Table 168: Statistical analysis of all the Scrambler, creeper and twiner species in Panchet

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	1	20	5.88	20	0.35	1.00	1.29	7.53	**0.62**	**1.26**
2	*Hemidesmus indicus*	164	100	29.41	3280	57.54	32.80	42.43	129.39		
3	*Lygodium flexuosum*	41	60	17.65	820	14.39	13.67	17.68	49.71		
4	*Mucuna pruriens*	39	60	17.65	780	13.68	13.00	16.82	48.15		
5	*Rivea hypocrateryformis*	21	40	11.76	420	7.37	10.50	13.58	32.72		
6	*Vigna trilobata*	19	60	17.65	380	6.67	6.33	8.19	32.51		

e. Scrambler, creeper and twiner species:

A total number of 285 individuals under 6 scrambler, creeper and twiner species were documented from this permanent plot.

The vegetation was mostly dominated by *Hemidesmus indicus* (IVI = 129.39) with a maximum number of 164 individuals.

With maximum frequency (100%) *Hemidesmus indicus* was found in all the subplots, whereas *Asparagus racemosus*, having 20% frequency, existed in a single subplot with only 1 individual.

The Simpson's Diversity index (0.62) and Shannon's Diversity Index (1.26) indicated less diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 62% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

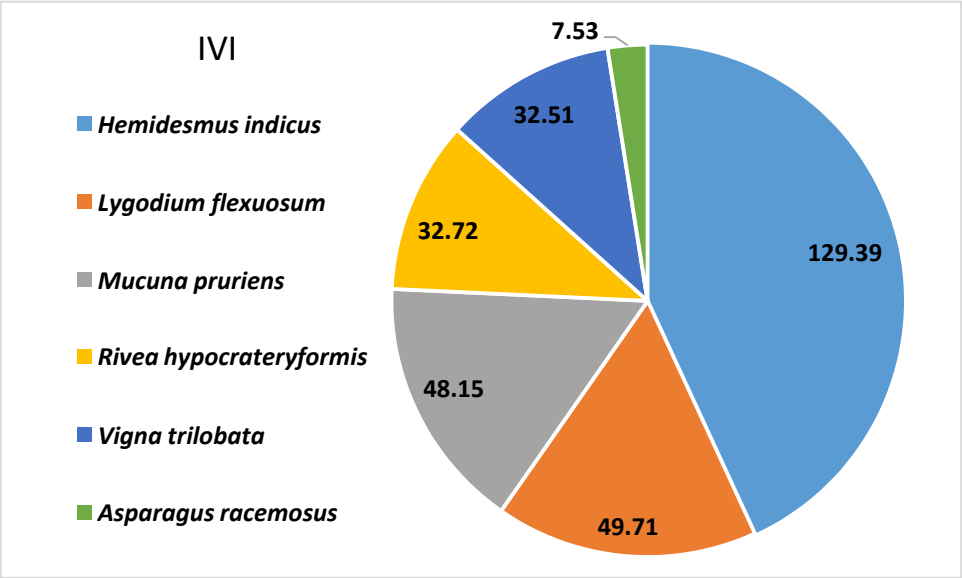


Figure 87: IVI Values of Dominant Scrambler, creeper and twiner species in Panchet

6.12.4. Inventory of Associated Bird Species

During field trip 11 species of birds were documented in the selected subplots. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 169: All Bird species documented Subplot wise in Panchet

Sl. No.	Common Name	Scientific Name	IUCN Status	Subplot
1	Black Hooded oriole	*Oriolus xanthornus*	LC	3, 10, Adjacent to Subplot 10
2	Common Tailor Bird	*Orthotomus sutorius*	LC	Adjacent to Subplot 10
3	Eurasian Collard Dove	*Streptopelia decaocto*	LC	1
4	Greater Coucal	*Centropus sinensis*	LC	10
5	House Crow	*Corvus splendens*	LC	7
6	Indian Jungle Crow	*Macrorhynchos culminatus*	NE	3, 10
7	Jungle Babbler	*Turdoides striata*	LC	3, 10
8	Rose Ringed Parakeet	*Psittacula krameri*	LC	1, Adjacent to Subplot 10
9	Rufous Treepie	*Dendrocitta vagabunda*	LC	3
10	Spotted Dove	*Stigmatopella chinensis*	LC	3
11	Yellow Footed Green Pigeon	*Treron phoenicopterus*	LC	10

6.13. PERMANENT PLOT: HOOMGARH

6.13.1. NAME AND LOCATION OF THE AREA

- District: Paschim Medinipur
- Division: Rupnarayan
- Range: Hoomgarh
- Beat: Hoomgarh
- Mouza: Peruajole

Thirteenth field trip was undertaken during 18th to 21st December 2020 in Hoomgarh under Hoomgarh Range of Rupnarayan Forest Division, South West Bengal.

Hoomgarh located at Latitude 22.39376, Longitude 87.70706 under West Medinipur District.

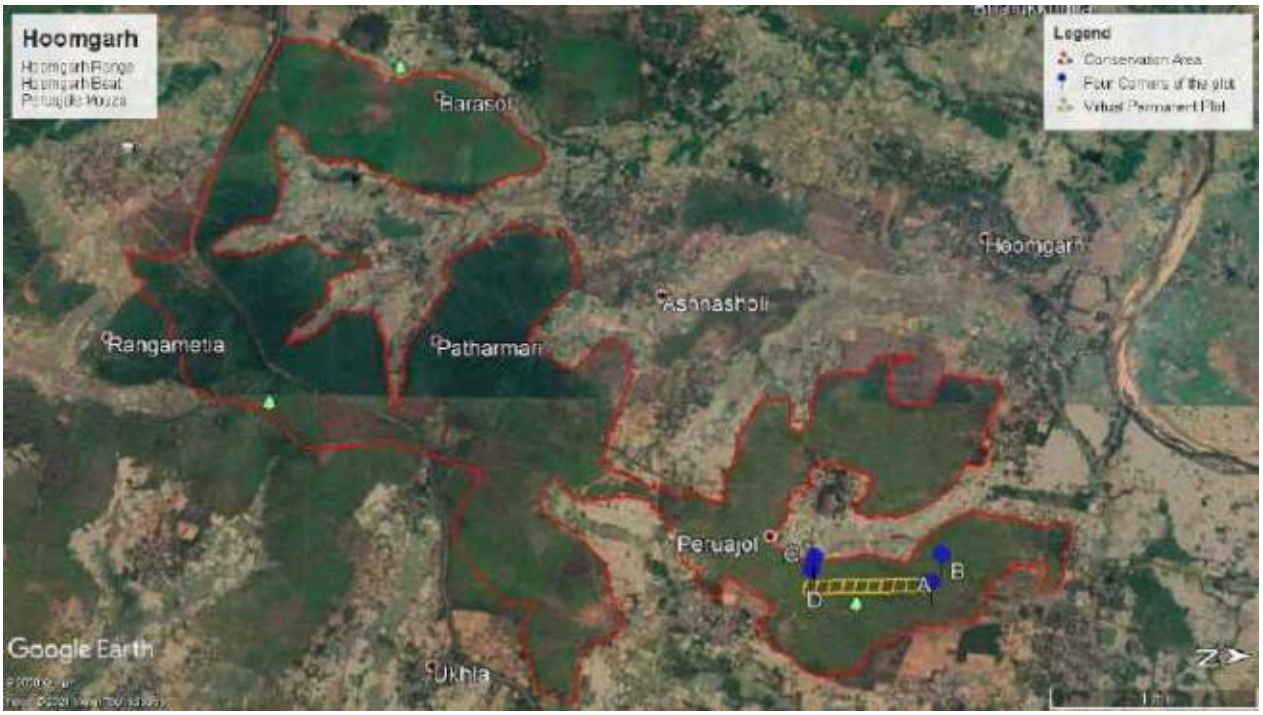


Figure 88: Permanent plot selected at Hoomgarh

6.13.2. Ground survey:

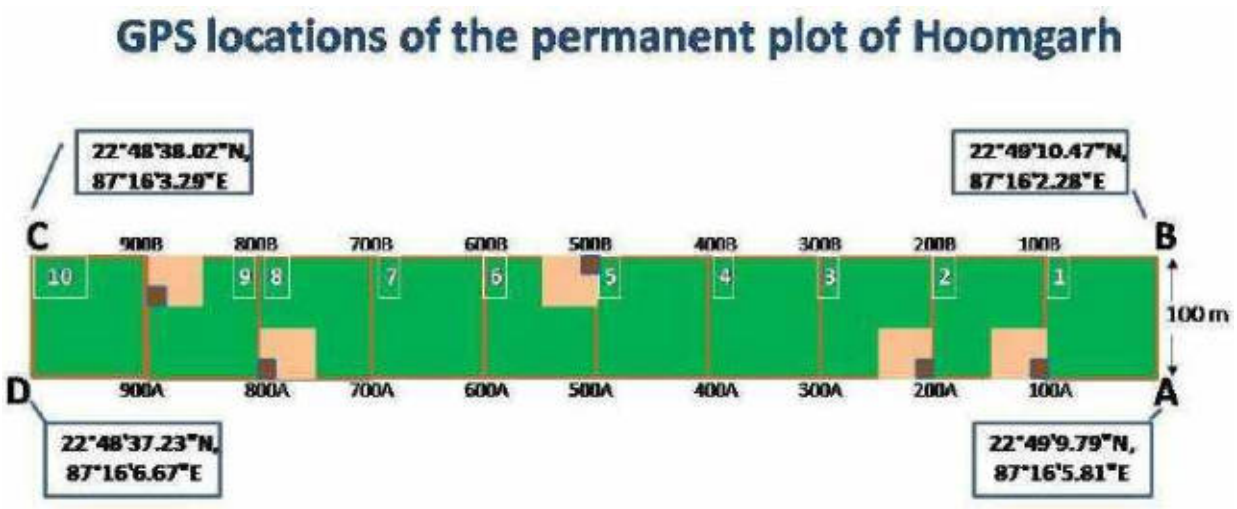


Figure 89: GPS location of the plot with schematic diagram of chosen subplots in Hoomgarh

Table 170: Latitude / Longitude of all the Subplots in Hoomgarh

Subplot points	Latitude	Longitude	Tree Name
100 A	22°49'6.49"N	87°16'5.86"E	
100 B	22°49'7.20"N	87°16'2.35"E	Sal
200 A	22°49'3.31"N	87°16'6.06"E	Sal
200 B	22°49'3.94"N	87°16'2.42"E	Sal
300 A	22°49'0.02"N	87°16'6.02"E	Sal
300 B	22°49'0.73"N	87°16'2.57"E	Sal
400 A	22°48'56.69"N	87°16'6.17"E	Sal
400 B	22°48'57.40"N	87°16'2.64"E	Sal
500 A	22°48'53.48"N	87°16'6.22"E	
500 B	22°48'54.22"N	87°16'2.73"E	Sal
600 A	22°48'50.18"N	87°16'6.33"E	Sal
600 B	22°48'50.91"N	87°16'2.86"E	Sal
700 A	22°48'46.98"N	87°16'6.38"E	Sal
700 B	22°48'47.70"N	87°16'2.93"E	Sal
800 A	22°48'43.77"N	87°16'6.44"E	Sal
800 B	22°48'44.36"N	87°16'3.07"E	
900 A	22°48'40.45"N	87°16'6.60"E	Sal
900 B	22°48'41.18"N	87°16'3.18"E	Sal

Table 171: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Hoomgarh

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 2	50a	22°49'6.79"N	87°16'3.94"E	22°49'6.35"N	87°16'5.76"E
	50b	22°49'5.13"N	87°16'4.11"E		
	50c	22°49'4.77"N	87°16'5.95"E		
Subplot 3	50a	22°49'3.62"N	87°16'4.11"E	22°49'3.11"N	87°16'5.98"E
	50b	22°49'1.95"N	87°16'4.35"E		
	50c	22°49'1.63"N	87°16'6.03"E		
Subplot 6	50a	22°48'52.50"N	87°16'2.86"E	22°48'54.00"N	87°16'3.01"E
	50b	22°48'52.07"N	87°16'4.40"E		
	50c	22°48'53.88"N	87°16'4.29"E		
Subplot 8	50a	22°48'44.03"N	87°16'4.79"E	22°48'44.01"N	87°16'6.37"E
	50b	22°48'45.66"N	87°16'4.71"E		
	50c	22°48'45.29"N	87°16'6.34"E		
Subplot 9	50a	22°48'42.69"N	87°16'3.19"E	22°48'41.07"N	87°16'4.43"E
	50b	22°48'42.48"N	87°16'4.56"E		
	50c	22°48'40.88"N	87°16'4.62"E		

6.13.3. Inventorization of Flora

Table 172: Documentation of all tree species in all the Subplots in Hoomgarh

Sl. No.	Tree Species	Common name	Sp9	Sp8	Sp6	Sp3	Sp2	Total
1	*Diospyros excelsa*	Kendu	1			4	6	**11**
2	*Ficus benghalensis*	Bot					1	**1**
3	*Lannea coromandelica*	Geol/Doka		1		2		**3**
4	*Madhuca latifolia*	Mahua		2				**2**
5	*Shorea robusta*	Sal	962	874	989	657	723	**4205**
6	*Terminalia bellirica*	Bahera/Bogra				1		**1**
Total			**963**	**877**	**989**	**664**	**730**	**4223**

Table 173: Statistical analysis of all the Tree Species in Hoomgarh

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Diospyros excelsa*	11	60	23.08	2.2	0.26	3.67	0.43	23.77	**0.01**	**0.03**
2	*Ficus benghalensis*	1	20	7.69	0.2	0.02	1.00	0.12	7.83		
3	*Lannea coromandelica*	3	40	15.38	0.6	0.07	1.50	0.18	15.63		
4	*Madhuca latifolia*	2	20	7.69	0.4	0.05	2.00	0.24	7.97		
5	*Shorea robusta*	4205	100	38.46	841	99.57	841.00	98.92	236.96		
6	*Terminalia bellirica*	1	20	7.69	0.2	0.02	1.00	0.12	7.83		

a. Tree Species:

This permanent plot at Hoomgarh recorded only six species of trees. However, a substantial number of 4223 trees were distributed among these six species.

The vegetation was vastly dominated by *Shorea robusta* (IVI = 236.96) with 4205 trees which is 99.6% of all the trees recorded. The remaining 18 trees were distributed among the 5 species other *than Shorea robusta*. *Diospyros excelsa* which was next to *Shorea robusta* in terms of abundance had a total of only 11 trees recorded from three of the 5 subplots. Of the remaining 4 species *Lannea coromandelica* had only 3 trees from two subplots while *Madhuca latifolia, Ficus benghalensis* and *Terminalia bellirica* recorded 2, 1 and 1 trees from only one of the 5 subplots respectively showing a frequency of only 20%, and as was expected the highest of 100% frequency was observed in *Shorea robusta*. In fact, subplot 6 had only Shorea *robusta* and no other species, while subplot 3 represented the maximum diversity of tree species (4).

The Simpson's Diversity Index (0.01) and Shannon's Diversity Index (0.03) of tree species indicated that the plot is very poorly diverse (richness and evenness). Simpson's Diversity index also explains that there is 1% chance that 2 individuals selected at random from this plot would be from different tree species.

Diospyros excelsa was recorded as the tallest tree with a height of 16.76 m and a maximum GBH of 99.06 cm (subplot-2) and *Madhuca latifolia* was recorded as the shortest tree with a height of 6.86 m and GBH of 39.37 cm (subplot-8) (Table: 174).

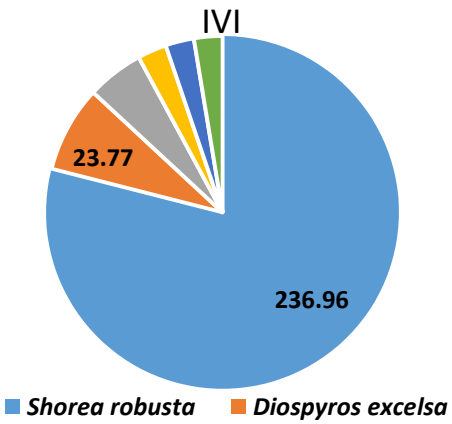


Figure 90: IVI Values of Dominant Tree Species in Hoomgarh

Table 174: Average Height and GBH of trees at all the subplots in Hoomgarh

Sl. No.	Scientific Names	SP 2		SP 3		SP 6		SP 8		SP 9	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Diospyros excelsa*	16.76	99.06	13.34	118.1					12.5	76.2
2	*Ficus benghalensis*	15.24	426.7								
3	*Lannea coromandelica*			13.72	58.42			9.14	50.8		
4	*Madhuca latifolia*							6.86	39.37		
5	*Shorea robusta*	9.11	33.68	9.11	34.65	9.66	35.18	8.63	33.07	9.39	41.96
6	*Terminalia bellirica*			12.19	121.9						

Table 175: Documentation of Shrub species (including tree saplings) in all the Subplots in Hoomgarh

Sl. No.	Shrub Species	Common name	Sp9	Sp8	Sp6	Sp3	Sp2	Total
1	*Acacia farnesiana*	Ruirui	38	32	31	26	17	**144**
2	*Breynia vitis-idaea*				1	17		**18**
3	*Carissa spinarum*	Karmedh	14					**14**
4	*Ceriscoides turgida*	Gurmon	33	51	119	21	33	**257**
5	*Crotalaria pallida*	Otosi				1		**1**
6	*Desmodium gangeticum*	Salpani					10	**10**
7	*Flacourtia indica*	Choto Boichi	57	42	21	18	21	**159**
8	*Flemingia strobilifera*		35			47	15	**97**
9	*Gardenia gummifera*	Bhurru		1	1			**2**
10	*Phoenix acaulis*	Kitte	3	8				**11**
11	*Randia spinosa*			3	9		1	**13**
12	*Urena lobata*					31	6	**37**
13	*Ziziphus mauritiana*		4	1	18		7	**30**
14	*Ziziphus oenoplia*		15	12	28	23	34	**112**
Total			**199**	**150**	**228**	**184**	**144**	**905**

Table 176: Statistical analysis of all the Shrub Species (including tree saplings) in Hoomgarh

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia farnesiana*	144	100	12.20	115.20	15.91	28.80	12.12	40.23	**0.83**	**2.03**
2	*Breynia vitis-idaea*	18	40	4.88	14.40	1.99	9.00	3.79	10.66		
3	*Carissa spinarum*	14	20	2.44	11.20	1.55	14.00	5.89	9.88		
4	*Ceriscoides turgida*	257	100	12.20	205.60	28.40	51.40	21.64	62.23		
5	*Crotalaria pallida*	1	20	2.44	0.80	0.11	1.00	0.42	2.97		
6	*Desmodium gangeticum*	10	20	2.44	8.00	1.10	10.00	4.21	7.75		
7	*Flacourtia indica*	159	100	12.20	127.20	17.57	31.80	13.39	43.15		
8	*Flemingia strobilifera*	97	60	7.32	77.60	10.72	32.33	13.61	31.65		
9	*Gardenia gummifera*	2	40	4.88	1.60	0.22	1.00	0.42	5.52		
10	*Phoenix acaulis*	11	40	4.88	8.80	1.22	5.50	2.32	8.41		
11	*Randia spinosa*	13	60	7.32	10.40	1.44	4.33	1.82	10.58		
12	*Urena lobata*	37	40	4.88	29.60	4.09	18.50	7.79	16.75		
13	*Ziziphus mauritiana*	30	80	9.76	24.00	3.31	7.50	3.16	16.23		
14	*Ziziphus oenoplia*	112	100	12.20	89.60	12.38	22.40	9.43	34.00		

b. Shrub Species:

A total number of 905 individual shrubs under 14 species were documented from all the 5 nested subplots of the permanent plot at Hoomgarh.

The shrub vegetation was dominated by *Ceriscoides turgida* (IVI = 62.23), *Flacourtia indica* (IVI = 43.15), *Acacia farnesiana* (IVI = 40.23), *Ziziphus oenoplia* (IVI = 34.00) and *Flemingia strobilifera* (IVI = 31.65).

Following a similar pattern, the maximum number of individuals was contributed by *Ceriscoides turgida* (257), *Flacourtia indica* (159), *Acacia farnesiana* (144) and *Ziziphus oenoplia* (112) and *Flemingia strobilifera* (97).

With highest frequency (100%) *Acacia farnesiana, Ceriscoides turgida, Flacourtia indica* and *Ziziphus oenoplia* were found in all the subplots. *Carissa spinarum, Crotalaria pallida* and *Desmodium gangeticum* were found to have least frequency (20%) as they were documented only from a single nested subplot. In fact, *Crotalaria pallida* and *Gardenia gummifera* recorded with only 1and 2 individuals respectively.

The Simpson's Diversity index (0.83) and Shannon's Diversity Index (2.03) indicated that the plot sustained high diversity with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 83% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

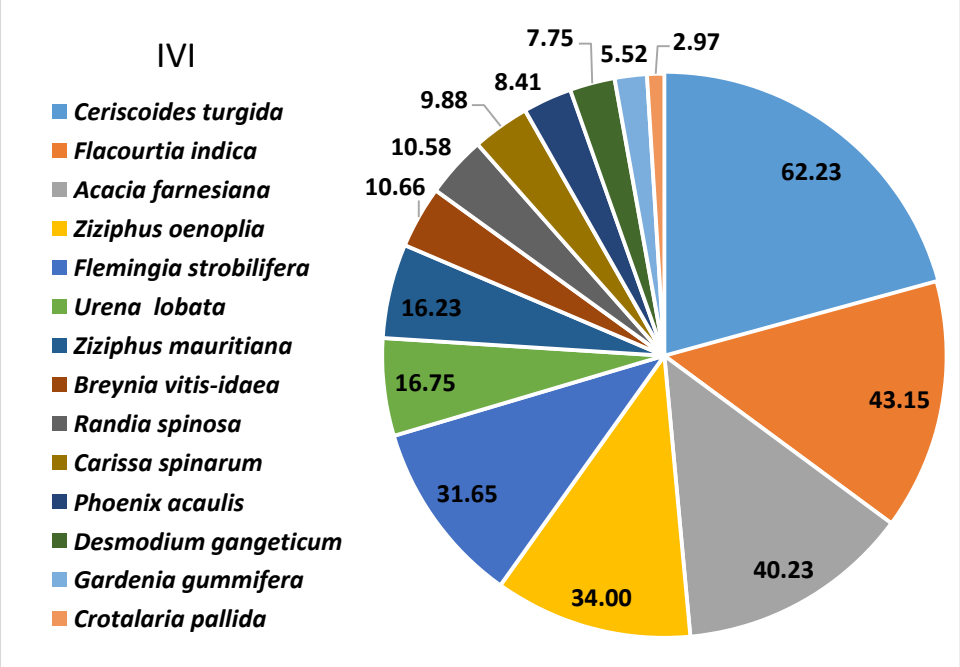


Figure 91: IVI Values of Dominant Shrubs (including tree saplings) in Hoomgarh

Table 177: Documentation of Liana species in all the Subplots in Hoomgarh

Sl. No.	Liana Species	Common name	Sp9	Sp8	Sp6	Sp3	Sp2	Total
1	*Aristolochia indica*	Iswarmul	12		6			**18**
2	*Combretum decandrum*	Atari/Atang			3	19	20	**42**
3	*Dioscorea bulbifera*	Kappu	30	22	22	32	28	**134**
4	*Dioscorea esculenta*	Chupri Alu			1			**1**
5	*Ichnocarpus frutescens*	Dudhi Lata	80	35	45	35	25	**220**
6	*Smilax zeylanica*	Ram Dantan		6	3	8	15	**32**
7	*Stephania hernandifolia*		18	14	3	19	4	**58**
Total			**140**	**77**	**83**	**113**	**92**	**505**

Table 178: Statistical analysis of all the Liana species in Hoomgarh

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aristolochia indica*	18	40	8.00	14.40	3.56	9.00	7.867	19.43	**0.72**	**1.48**
2	*Combretum decandrum*	42	60	12.00	33.60	8.32	14.00	12.24	32.55		
3	*Dioscorea bulbifera*	134	100	20.00	107.20	26.53	26.80	23.43	69.96		
4	*Dioscorea esculenta*	1	20	4.00	0.80	0.20	1.00	0.874	5.07		
5	*Ichnocarpus frutescens*	220	100	20.00	176.00	43.56	44.00	38.46	102.03		
6	*Smilax zeylanica*	32	80	16.00	25.60	6.34	8.00	6.993	29.33		
7	*Stephania hernandifolia*	58	100	20.00	46.40	11.49	11.60	10.14	41.63		

c. Liana Species:

A total number of 505 individuals under 7 liana species were documented from this permanent plot.

The vegetation was mostly dominated by *Ichnocarpus frutescens* (IVI = 102.03) followed by *Dioscorea bulbifera* (IVI = 69.96), *Stephania hernandifolia* (IVI = 41.63) and *Combretum decandrum* (IVI = 32.55).

Maximum number of individuals was also contributed by *Ichnocarpus frutescens* (220), *Dioscorea bulbifera* (134), *Stephania hernandifolia* (58) and *Combretum decandrum* (42).

The highest frequency (100%) was seen in *Dioscorea bulbifera, Ichnocarpus frutescens* and *Stephania hernandifolia* which were found in all the subplots. *Dioscorea esculenta* was found to have least frequency (20%) and documented only from nested subplot 6 and contributed with only single individual.

The Simpson's Diversity index (0.72) and Shannon's Diversity Index (1.48) indicated that the plot sustained moderate diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 72% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

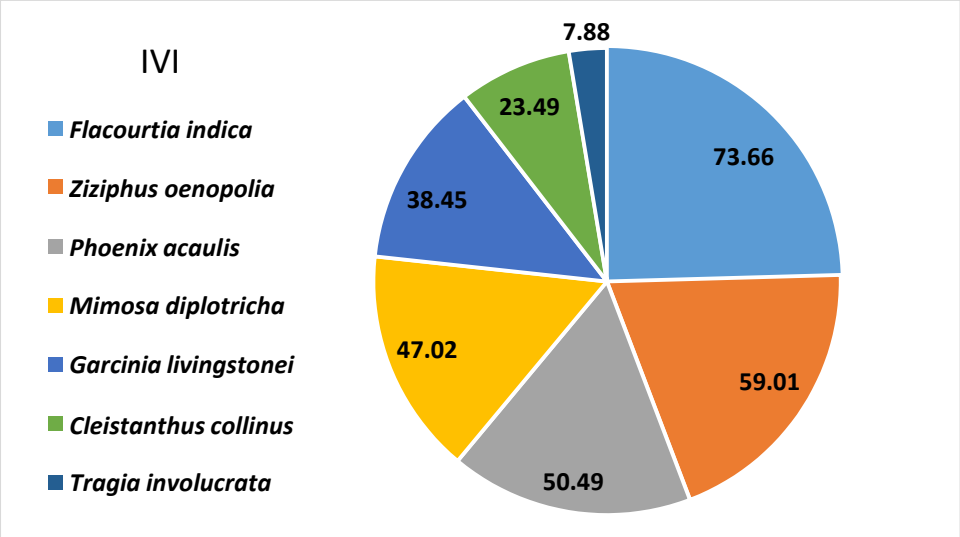


Figure 92: IVI Values of Dominant Liana species in Hoomgarh

Table 179: Documentation of all Herb species in all the nested Subplots in Hoomgarh

Sl. No.	Herb Species	Common name	Sp9	Sp8	Sp6	Sp3	Sp2	Total
1	*Allium ursinum*	Bon Peaj		21		8	11	**40**
2	*Andrographis paniculata*	Kalmegh					25	**25**
3	*Anisomeles ovata*	Gopali				3		**3**
4	*Barleria cristata*	Jhinti	13	25	32	7	20	**97**
5	*Canscora decussata*					11		**11**
6	*Cheilanthes tenuifolia*	Durga Jhapi	87	92	101	57	73	**410**
7	*Costus speciosus*						3	**3**
8	*Crotalaria prostrata*		18			17		**35**
9	*Elephantropus scaber*		40	1		13	12	**66**
10	*Evolvulus alsinoides*				13	39		**52**
11	*Oldenlandia corymbosa*		33	47	22	33	26	**161**
12	*Oxalis corniculata*	Armul Sak			67		50	**117**
13	*Phyllanthus niruri*	Vui Amla	2					**2**
14	*Rungia pectinata*					43	36	**79**
15	*Scoparia dulcis*	Bon Dhone				3		**3**
16	*Strobilanthes tomentosa*					8		**8**
17	*Triumfetta rhomboidea*					22	10	**32**
18	*Vernonia cineria*		20	22	8		20	**70**
Total			**213**	**208**	**243**	**264**	**286**	**1214**

Table 180: Statistical analysis of all the Herb Species in Hoomgarh

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Allium ursinum*	40	60	6.98	800	3.29	13.33	3.39	13.66	**0.84**	**2.22**
2	*Andrographis paniculata*	25	20	2.33	500	2.06	25.00	6.35	10.74		
3	*Anisomeles ovata*	3	20	2.33	60	0.25	3.00	0.76	3.34		
4	*Barleria cristata*	97	100	11.63	1940	7.99	19.40	4.93	24.55		
5	*Canscora decussata*	11	20	2.33	220	0.91	11.00	2.80	6.03		
6	*Cheilanthes tenuifolia*	410	100	11.63	8200	33.8	82.00	20.84	66.24		
7	*Costus speciosus*	3	20	2.33	60	0.25	3.00	0.76	3.34		
8	*Crotalaria prostrata*	35	40	4.65	700	2.88	17.50	4.45	11.98		
9	*Elephantropus scaber*	66	80	9.30	1320	5.44	16.50	4.19	18.93		
10	*Evolvulus alsinoides*	52	40	4.65	1040	4.28	26.00	6.61	15.54		
11	*Oldenlandia corymbosa*	161	100	11.63	3220	13.3	32.20	8.18	33.07		
12	*Oxalis corniculata*	117	40	4.65	2340	9.64	58.50	14.87	29.16		
13	*Phyllanthus niruri*	2	20	2.33	40	0.16	2.00	0.51	3.00		
14	*Rungia pectinata*	79	40	4.65	1580	6.51	39.50	10.04	21.20		
15	*Scoparia dulcis*	3	20	2.33	60	0.25	3.00	0.76	3.34		
16	*Strobilanthes tomentosa*	8	20	2.33	160	0.66	8.00	2.03	5.02		
17	*Triumfetta rhomboidea*	32	40	4.65	640	2.64	16.00	4.07	11.35		
18	*Vernonia cineria*	70	80	9.30	1400	5.77	17.50	4.45	19.52		

d. Herb Species:

A total number of 1214 individual belonging to 18 herbaceous species were documented from this permanent plot.

The vegetation was dominated by *Cheilanthes tenuifolia* (IVI = 66.24), *Oldenlandia corymbosa* (IVI = 33.07), *Oxalis corniculata* (IVI = 29.16), *Barleria cristata* (IVI = 24.55) and *Rungia pectinata* (IVI = 21.20). Maximum number of individuals were contributed by *Cheilanthes tenuifolia* (410) followed by *Oldenlandia corymbosa* (161) and *Oxalis corniculata* (117).

With maximum frequency (100%) *Barleria cristata, Cheilanthes tenuifolia,* and *Oldenlandia corymbosa* were found in all the subplots. *Andrographis paniculata, Anisomeles ovata, Canscora decussata, Costus speciosus, Phyllanthus niruri, Scoparia dulcis* and *Strobilanthes tomentosa* were found to have least frequency (20%) and documented only from a single subplot. *Phyllanthus niruri, Anisomeles ovata, Costus speciosus and Scoparia dulcis* recorded the lowest contribution of 2, 3, 3 and 3 individuals respectively.

The Simpson's Diversity index (0.84) and Shannon's Diversity Index (2.22) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 84% chance that 2 individuals selected at random from this plot would be from different herb species.

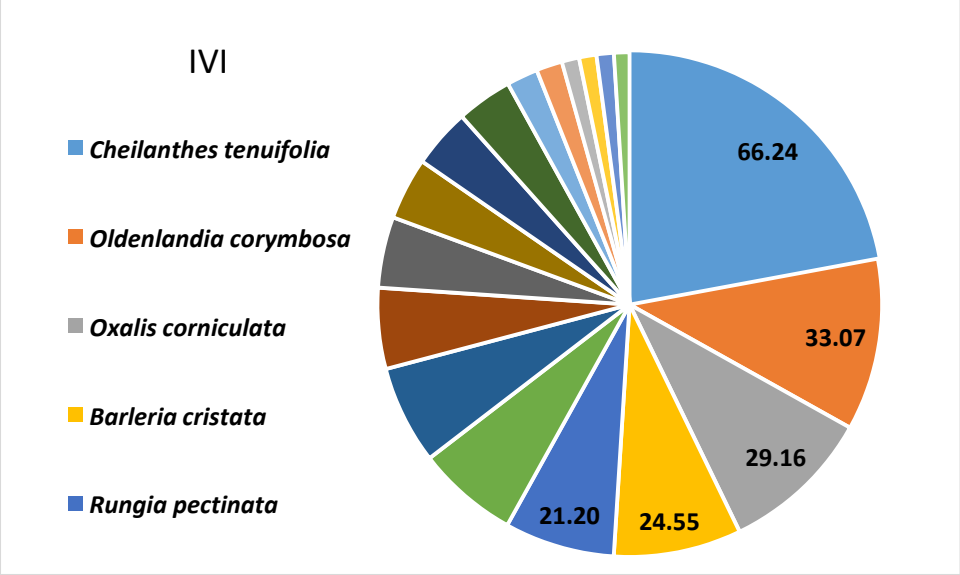


Figure 93: IVI Values of Dominant Herb Species in Hoomgarh

Table 181: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Hoomgarh

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp9	Sp8	Sp6	Sp3	Sp2	Total
1	*Cajanus scarabaeoides*	Kurthi				12	6	**18**
2	*Hemidesmus indicus*	Anantamul	52	26	45	16	17	**156**
3	*Lygodium flexuosum*			8		17	8	**33**
4	*Mucuna pruriens*	Alkusi				21	12	**33**
5	*Rivea hypocrateriformis*	Kinduara/Bon Pui	21		5			**26**
6	*Tylophora indica*	Antamul		2				**2**
7	*Vigna trilobata*	Bon Mug	9					**9**
Total			**82**	**36**	**50**	**66**	**43**	**277**

Table 182: Statistical analysis of all the Scrambler, creeper and twiner species in Hoomgarh

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cajanus scarabaeoides*	18	40	12.50	360	6.50	9.00	9.81	28.81	**0.64**	**1.38**
2	*Hemidesmus indicus*	156	100	31.25	3120	56.32	31.20	34.02	121.59		
3	*Lygodium flexuosum*	33	60	18.75	660	11.91	11.00	12.00	42.66		
4	*Mucuna pruriens*	33	40	12.50	660	11.91	16.50	17.99	42.41		
5	*Rivea hypocrateriformis*	26	40	12.50	520	9.39	13.00	14.18	36.06		
6	*Tylophora indica*	2	20	6.25	40	0.72	2.00	2.18	9.15		
7	*Vigna trilobata*	9	20	6.25	180	3.25	9.00	9.81	19.31		

e. Scrambler, creeper and twiner species:

A total of 277 individuals under 7 scrambler, creeper and twiner species were documented from this permanent plot.

The vegetation was mostly dominated by *Hemidesmus indicus* (IVI = 121.59). Maximum individuals were also contributed by *Hemidesmus indicus* (156).

Moreover, *Hemidesmus indicus* was found in all the subplots with maximum frequency (100%). Species like *Tylophora indica* and *Vigna trilobata*, having 20% frequency, existed in a single subplot and contributed with 2 and 9 individuals respectively.

The Simpson's Diversity index (0.64) and Shannon's Diversity Index (1.38) indicated less diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 64% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

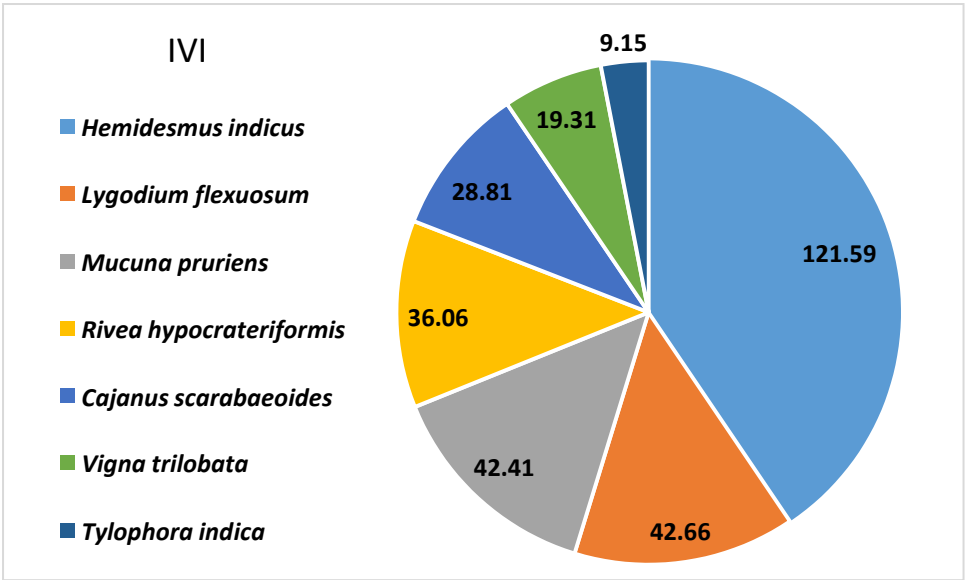


Figure 94: IVI Values of Dominant Scrambler, creeper and twiner species in Hoomgarh

6.13.4. Inventory of Associated Bird Species

During field trip 10 species of birds were documented in the selected subplots. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 183: All Bird species documented Subplot wise in Hoomgarh

Sl. No.	Common Name	Scientific name	IUCN status	Subplot
1	Barn Owl	*Tyto alba*	LC	6
2	Black Hooded Oriole	*Oriolus xanthornus*	LC	9, Adjacent to subplot 7
3	Black Drongo	*Dicrurus macrocercus*	LC	3
4	Common Tailor Bird	*Orthotomus sutorius*	LC	4
5	Greater Coucal	*Centropus sinensis*	LC	Outside of the plot
6	Jungle Babbler	*Turdoides striata*	LC	Adjacent to subplot 3
7	Purple Sunbird	*Cinnyris asiaticus*	LC	Outside of the plot
8	Red Vented Bulbul	*Pycnonotus cafer*	LC	Outside of the plot
9	Rufous treepie	*Dendrocitta vagabunda*	LC	3, 9
10	Spotted Dove	*Stigmatopella chinensis*	LC	6

6.14. PERMANENT PLOT: MATHA

6.14.1. NAME AND LOCATION OF THE AREA

- District: Purulia
- Division: Purulia
- Range: Matha
- Beat: Matha P F
- Mouza: Sonkupi

Fourteenth field trip was undertaken during 27th to 30th December 2020 in Matha under Matha Range of Purulia Forest Division, South West Bengal. In Matha, Purulia the conservation area KML maps provided did not have the provision to plot one continuous virtual permanent plot of 1000mX100m. Therefore, two permanent plots of 500mX100m parallel to each other were chosen and the 10 subplots (100mX100m) marked. Out of these 5 randomized subplots (3 from one and 2 from the other) were chosen in the field where documentation of trees, shrubs and herbs were done.

Matha Buru (Matha hills) is located at Purulia district, lying in 23.124467 N, 86.074996 E with an elevation of 208 meters above Sea level. Matha Buru (Matha hills) is commonly known for its esthetic beauty.

According to Census 2011 information the location code or village code of Matha village is 331639. Matha village is located in Bagmundi Tehsil of Purulia district in West Bengal, India. It is situated 11.2km away from sub-district headquarter Pathardihi and 60.1km away from district headquarter Purulia. As per 2009 stats, Matha village is also a gram panchayat.

The total geographical area of village is 246.05 hectares. Matha has a total population of 624 peoples. There are about 148 houses in Matha village. Balarampur is nearest town to Matha which is approximately 15 km away.

The village Matha has a population of 952. The male and female populations are 510 and 442 respectively. The size of the area is about 2.73 square kilometer.

Matha Protected Forest (MPF) is enclosed within the parallel 23˚05′00″ N and 23˚12′30″ N and meridian 86˚02′30″ E and 86˚10′00″ E. MPF has two fragmented parts- A and B. The area is characterized by undulating topography with highest peak of 665m having better vegetative cover Slope, relative relief, drainage density and road density ranges between 9˚, 6.67 - 184.50m, 0.34 - 1.91km/km^2 and 0.45 – 1.45km/km^2 respectively.

The climate is hot and dry with three distinct seasons viz. summer, monsoon and winter. Summer is intense and lasts from middle of March to mid of June. The monsoon starts from mid-June and lasts till end of September. Winter lasts from November to February. Minimum temperature fluctuates from 7˚C to 14˚C during months of December, January and February. Maximum temperature ranges from 42˚C to 45˚C during April to June.

The average rainfall is 1031 mm while the highest rainfall (1173mm) and lowest rainfall (767mm) were recorded in the year 2000 and 1980 respectively. The south-west monsoon is the source of rainfall in Purulia.

The soil in the area is laterite, red to brown in color and sandy loam in texture. The study area is covered with sal (*Shorea robusta*) as a dominant species along with sidha (*Lagerstroemia parviflora*).

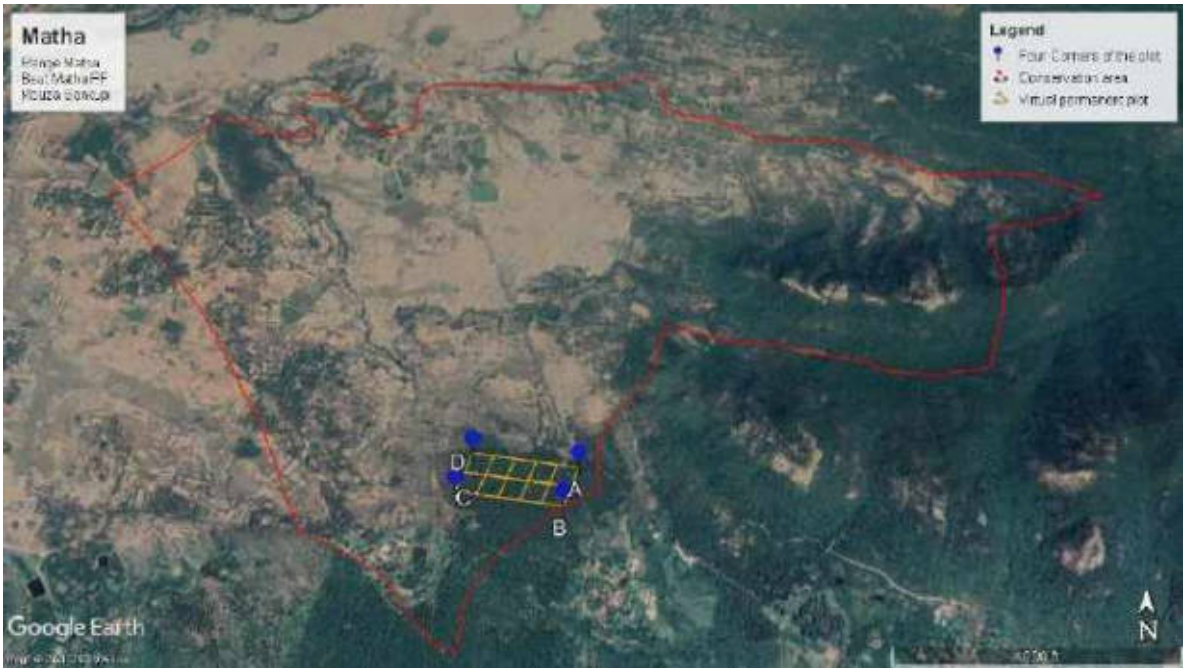


Figure 95: Permanent plot selected at Matha

6.14.2. Ground survey:

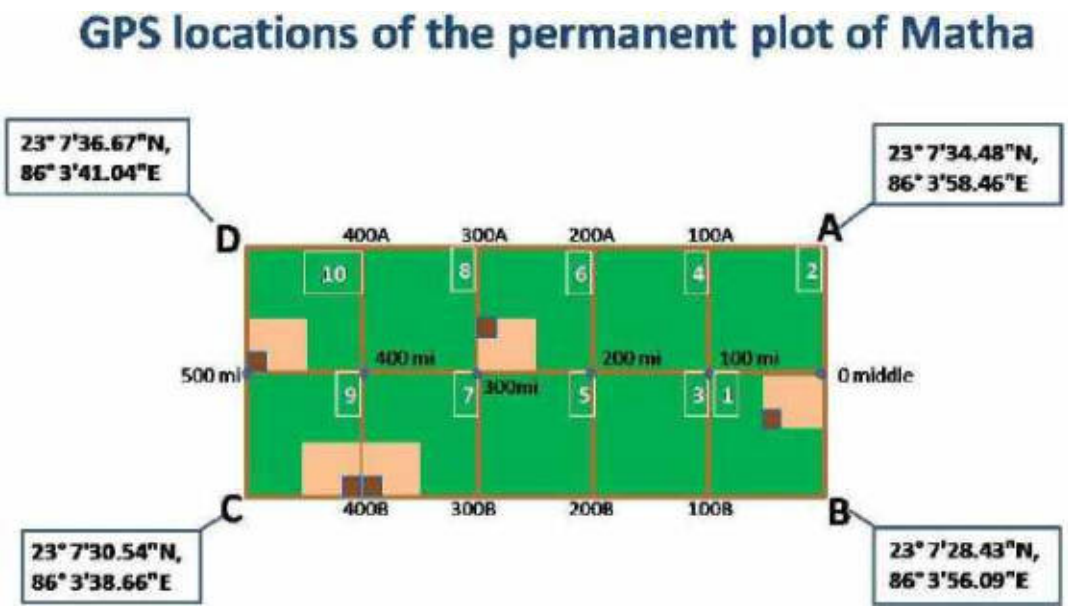


Figure 96: GPS location of the plot with schematic diagram of chosen subplots in Matha

Table 184: Latitude / Longitude of all the Subplots in Matha

Subplot points	Latitude	Longitude	Tree Name
0 middle	23° 7'31.37"N	86° 3'57.33"E	Sal
100 middle	23° 7'31.97"N	86° 3'53.82"E	
200 middle	23° 7'32.24"N	86° 3'50.27"E	Sal
300 middle	23° 7'32.77"N	86° 3'46.80"E	Kumbhi
400 middle	23° 7'33.17"N	86° 3'43.27"E	
500 middle	23° 7'33.61"N	86° 3'39.74"E	
100 A	23° 7'35.00"N	86° 3'54.97"E	Sidha
100 B	23° 7'28.85"N	86° 3'52.63"E	Sal
200 A	23° 7'35.37"N	86° 3'51.52"E	Sal
200 B	23° 7'29.20"N	86° 3'49.07"E	Ason
300 A	23° 7'35.80"N	86° 3'47.97"E	Piyal
300 B	23° 7'29.66"N	86° 3'45.54"E	Ason
400 A	23° 7'36.19"N	86° 3'44.42"E	Sal
400 B	23° 7'30.15"N	86° 3'42.08"E	Piyal

Table 185: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Matha

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	23° 7'31.70"N	86° 3'55.52"E	23° 7'30.20"N	86° 3'55.10"E
	50b	23° 7'30.17"N	86° 3'54.98"E		
	50c	23° 7'29.85"N	86° 3'56.66"E		
Subplot 6	50a	23° 7'34.25"N	86° 3'47.40"E	23° 7'34.12"N	86° 3'47.42"E
	50b	23° 7'34.10"N	86° 3'48.97"E		
	50c	23° 7'32.54"N	86° 3'48.51"E		
Subplot 7	50a	23° 7'31.62"N	86° 3'42.75"E	23° 7'30.16"N	86° 3'42.26"E
	50b	23° 7'31.47"N	86° 3'44.49"E		
	50c	23° 7'29.90"N	86° 3'43.97"E		
Subplot 9	50a	23° 7'31.72"N	86° 3'42.76"E	23° 7'30.22"N	86° 3'42.01"E
	50b	23° 7'31.92"N	86° 3'41.11"E		
	50c	23° 7'30.41"N	86° 3'40.52"E		
Subplot 10	50a	23° 7'35.18"N	86° 3'40.43"E	23° 7'33.63"N	86° 3'39.89"E
	50b	23° 7'34.96"N	86° 3'42.13"E		
	50c	23° 7'33.42"N	86° 3'41.65"E		

6.14.3. Inventorization of Flora

Table 186: Documentation of all tree species in all the Subplots in Matha

Sl. No.	Tree Species	Common name	Sp1	Sp6	Sp7	Sp9	Sp10	Total
1	*Aegle mermalos*	Bel		1				**1**
2	*Albizia lebbeck*	Sirish			1			**1**
3	*Anogeissus latifolia*	Dhaw	4	1				**5**
4	*Buchanania lanzan*	Piyal	35	48	98	29	16	**226**
5	*Butea monosperma*	Palash	5	15	3	5	4	**32**
6	*Careya arborea*	Astha/Kumbhi	2	1	1	4	2	**10**
7	*Diospyros excelsa*	Kendu				1		**1**
8	*Lannea coromandelica*	Dokal/Geol	1		1	2	2	**6**
9	*Madhuca latifolia*	Mahua	24	3	19	12	3	**61**
10	*Scleichera oleosa*	Kusum			1			**1**
11	*Semecarpas anacardium*	Vella	9					**9**
12	*Shorea robusta*	Sal	403	250	186	257	251	**1347**
13	*Soymida febrifuga*	Rahara	6	1				**7**
14	*Sterospermum suaveolens*	Parul		2				**2**
15	*Syzygium jambolanum*	Jam	7		2			**9**
16	*Tectona grandis*	Segun		11				**11**
17	*Terminalia arjuna*	Arjun	1	1				**2**
18	*Terminalia bellirica*	Bahera	2	2	6	2	4	**16**
19	*Terminalia chebula*	Haritaki	2	1		2	2	**7**
20	*Terminalia tomentosa*	Asan	60	35	39	11	16	**161**
	Total		**561**	**372**	**357**	**325**	**300**	**1915**

Table 187: Statistical analysis of all the Tree Species in Matha

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Aegle mermalos*	1	20	1.72	0.20	0.05	1.00	0.24	2.02	**0.5**	**1.14**
2	*Albizia lebbeck*	1	20	1.72	0.20	0.05	1.00	0.24	2.02		
3	*Anogeissus latifolia*	5	40	3.45	1.00	0.26	2.50	0.61	4.32		
4	*Buchanania lanzan*	226	100	8.62	45.20	11.80	45.20	11	31.41		
5	*Butea monosperma*	32	100	8.62	6.40	1.67	6.40	1.56	11.85		
6	*Careya arborea*	10	100	8.62	2.00	0.52	2.00	0.49	9.63		
7	*Diospyros excelsa*	1	20	1.72	0.20	0.05	1.00	0.24	2.02		
8	*Lannea coromandelica*	6	80	6.90	1.20	0.31	1.50	0.36	7.57		
9	*Madhuca latifolia*	61	100	8.62	12.20	3.19	12.20	2.97	14.77		
10	*Scleichera oleosa*	1	20	1.72	0.20	0.05	1.00	0.24	2.02		
11	*Semecarpas anacardium*	9	20	1.72	1.80	0.47	9.00	2.19	4.38		
12	*Shorea robusta*	1347	100	8.62	269.40	70.34	269.40	65.5	144.45		
13	*Soymida febrifuga*	7	40	3.45	1.40	0.37	3.50	0.85	4.66		
14	*Sterospermum suaveolens*	2	20	1.72	0.40	0.10	2.00	0.49	2.31		
15	*Syzygium jambolanum*	9	40	3.45	1.80	0.47	4.50	1.09	5.01		

16	*Tectona grandis*	11	20	1.72	2.20	0.57	11.00	2.67	4.97
17	*Terminalia arjuna*	2	40	3.45	0.40	0.10	1.00	0.24	3.80
18	*Terminalia bellirica*	16	100	8.62	3.20	0.84	3.20	0.78	10.23
19	*Terminalia chebula*	7	80	6.90	1.40	0.37	1.75	0.43	7.69
20	*Terminalia tomentosa*	161	100	8.62	32.20	8.41	32.20	7.83	24.86

a. Tree Species:

This permanent plot at Matha recorded 1915 trees found to be distributed among 20 different species of trees.

It is seen that 12 of these species were seen to have less than 10 trees in each of them.

In fact, species like *Aegle mermalos, Albizia lebbeck, Diospyros excelsa, Scleichera oleosa*, recorded only one tree in one subplot each, while *Sterospermum suaveolens*, had two trees only in one subplot.

Of the remaining species of trees, 5 of them were documented to possess 10 to 32 trees, while 1 species (*Madhuca latifolia*) recorded 61 trees.

The vegetation in this plot was as in others dominated by *Shorea robusta* (IVI = 144.45) with 1347 trees, followed by *Buchanania lanzan* (IVI = 31.41) with 226 trees and *Terminalia tomentosa* (IVI = 24.86) with 161 trees.

The maximum number of species was seen to occur in subplots 1 and 6 with 14 species in each.

With highest frequency (100*%), Buchanania lanzan, Butea monosperma, Careya arborea, Madhuca latifolia, Shorea robusta, Terminalia bellirica* and *Terminalia tomentosa* were found in all the 5 subplots. The species *Aegle mermalos, Albizia lebbeck, Diospyros excelsa, Scleichera oleosa, Semecarpas anacardium, Sterospermum suaveolens* and *Tectona grandis* were found to have least frequency (20%) and documented only from one subplot in which they were found. Moreover, *Aegle mermalos, Albizia lebbeck, Diospyros excelsa* and *Scleichera oleosa* occurred as a single individual in whichever subplot they were found.

Shorea robusta, revealed the highest density (269.4 per ha.), followed by *Buchanania lanzan* with a density of 45.2 per ha. and *Terminalia tomentosa* with a density of 32.2 per ha.

The plot at Matha revealed a Simpson's Diversity Index (0.50) and Shannon's Diversity Index (1.14) indicative of the high species richness as seen in the number of tree species (37 species) being diverse (richness and evenness). According to Simpson's Diversity Index there is a chance of 50% that 2 individuals selected at random from this plot would be from different tree species.

Albizia lebbeck was recorded as the tallest tree with a height of 24.38 m and a maximum GBH of 129.54 cm (subplot-7) and *Diospyros excelsa* was recorded as the shortest tree with a height of 4.57 m and GBH of 25.40 cm (subplot-9) (Table: 188).

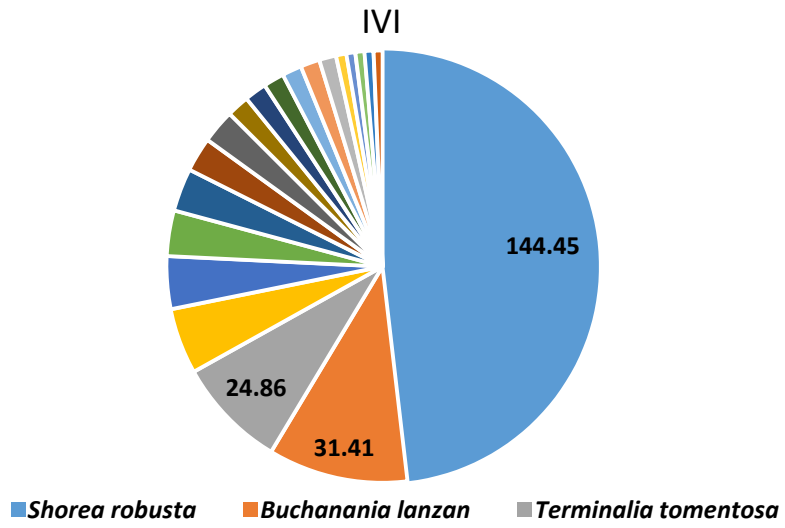


Figure 97: IVI Values of Dominant Tree Species in Matha

Table 188: Average Height and GBH of trees at all the subplots in Matha

Sl. No	Scientific Names	SP 1		SP 6		SP 7		SP 9		SP 10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Aegle mermalos*			6.71	35.56						
2	*Albizia lebbeck*					24.38	129.54				
3	*Anogeissus latifolia*	14.63	73.66	10.36	60.96						
4	*Buchanania lanzan*	11.64	56.10	11.15	57.52	11.90	58.65	12.26	63.94	15.18	77.31
5	*Butea monosperma*	5.06	46.74	7.15	62.15	5.38	34.71	8.72	85.34	7.24	60.96
6	*Careya arborea*	11.43	44.45	6.10	38.10	7.62	38.10	8.76	46.99	8.84	46.99
7	*Diospyros excelsa*							4.57	25.40		
8	*Lannea coromandelica*	10.06	83.82			6.10	43.18	8.38	53.34	7.32	55.88
9	*Madhuca latifolia*	10.57	49.32	10.67	66.89	10.72	59.36	14.17	74.08	14.73	80.43
10	*Scleichera oleosa*					12.80	81.28				
11	*Semecarpas anacardium*	7.48	41.20								
12	*Shorea robusta*	12.95	50.67	12.97	53.04	11.04	45.28	12.08	51.15	9.82	38.90
13	*Soymida febrifuga*	8.99	52.49	16.76	66.04						
14	*Sterospermum suaveolens*			11.89	54.61						
15	*Syzygium jambolanum*	12.19	67.13			15.24	104.14				
16	*Tectona grandis*			6.98	40.87						
17	*Terminalia arjuna*	9.14	43.18	10.67	50.80						
18	*Terminalia bellirica*	16.76	48.26	16.31	64.77	11.18	44.87	12.19	48.26	16.76	56.52
19	*Terminalia chebula*	8.38	44.45	16.76	60.96			9.60	41.91	17.98	62.23
20	*Terminalia tomentosa*	13.34	51.44	14.23	63.21	13.23	62.33	15.39	64.59	14.71	63.50

Table 189: Documentation of Shrub species (including tree saplings) in all the Subplots in Matha

Sl. No.	Shrub Species	Common name	Sp1	Sp6	Sp7	Sp9	Sp10	Total
1	*Azanza lampas*	Bon Kapas	79	36	47	47	51	**260**
2	*Breynia vitis-idaea*		1					**1**
3	*Clerodendrum infortunatum*	Bhant/Ghentu	305	53	472			**830**
4	*Flemingia strobilifera*		58	44	180	73	98	**453**
5	*Gardenia gummifera*	Bhurru	16	8	1			**25**
6	*Lantana camara*	Putus	9	45	3		15	**72**
7	*Phoenix acaulis*	Kitte		37	35	18	21	**111**
8	*Woodfordia fruticosa*	Dhatki		26	1	47	4	**78**
Total			**468**	**249**	**739**	**185**	**189**	**1830**

Table 190: Statistical analysis of all the Shrub Species (including tree saplings) in Matha

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Azanza lampas*	260	100	17.24	208.00	14.21	52.00	10.53	41.98	**0.71**	**1.48**
2	*Breynia vitis-idaea*	1	20	3.448	0.80	0.05	1.00	0.20	3.71		
3	*Clerodendrum infortunatum*	830	60	10.34	664.00	45.36	276.67	56.02	111.72		
4	*Flemingia strobilifera*	453	100	17.24	362.40	24.75	90.60	18.35	60.34		
5	*Gardenia gummifera*	25	60	10.34	20.00	1.37	8.33	1.69	13.40		
6	*Lantana camara*	72	80	13.79	57.60	3.93	18.00	3.64	21.37		
7	*Phoenix acaulis*	111	80	13.79	88.80	6.07	27.75	5.62	25.48		
8	*Woodfordia fruticosa*	78	80	13.79	62.40	4.26	19.50	3.95	22.00		

b. Shrub Species:

A total of 1830 individual shrubs were documented under 8 shrub species from this permanent plot.

The shrub vegetation was mostly dominated by *Clerodendrum infortunatum* (IVI = 111.72) followed by *Flemingia strobilifera* (IVI = 60.34) and *Azanza lampas* (IVI = 41.98).

Maximum number of individuals was contributed by *Clerodendrum infortunatum* (830), *Flemingia strobilifera* (453) and *Azanza lampas* (260).

A 100% frequency was observed in *Azanza lampas* and *Flemingia strobilifera* which occurred in all the nested subplots. *Breynia vitis-idaea* was had the least frequency (20%) and documented from a single subplot with only one individual.

The Simpson's Diversity index (0.71) and Shannon's Diversity Index (1.48) indicated that the plot sustained low diversity with low richness and evenness of shrub species. Simpson's Diversity index also explains that there is 71% chance that 2 individuals among shrubs selected at random from this plot would be from different shrub species.

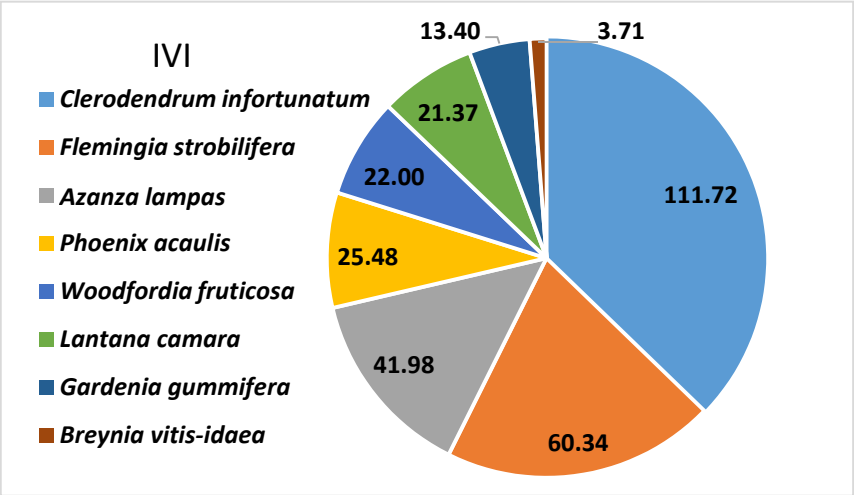


Figure 98: IVI Values of Dominant Shrubs (including tree saplings) in Matha

Table 191: Documentation of Liana species in all the Subplots in Matha

Sl. No.	Liana Species	Common name	Sp1	Sp6	Sp7	Sp9	Sp10	Total
1	*Butea superba*	Kot Palash	5		10	7	4	**26**
2	*Dioscorea bulbifera*	Kappu			5			**5**
3	*Ichnocarpus frutescens*	Dudhi Lata	82	36	4	12	10	**144**
4	*Smilax zeylanica*	Ram Dantan			5	13	10	**28**
Total			**87**	**36**	**24**	**32**	**24**	**203**

Table 192: Statistical analysis of all the Liana species in Matha

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Butea superba*	26	80	30.77	20.80	12.81	6.50	13.1	56.67	**0.46**	**0.87**
2	*Dioscorea bulbifera*	5	20	7.69	4.00	2.463	5.00	10.07	20.23		
3	*Ichnocarpus frutescens*	144	100	38.46	115.20	70.94	28.80	58.03	167.43		
4	*Smilax zeylanica*	28	60	23.08	22.40	13.79	9.33	18.81	55.68		

c. Liana Species:

203 individuals under 4 liana species were documented from this permanent plot.

The vegetation was dominated by *Ichnocarpus frutescens* (IVI = 167.43), followed by *Butea superba* (IVI = 56.67) and *Smilax zeylanica* (IVI = 55.68). Maximum number of individuals was also contributed by *Ichnocarpus frutescens* (144).

With highest frequency (100%) *Ichnocarpus frutescens* was found in all the subplots. *Dioscorea bulbifera* was found to have the lowest frequency (20%) documented from a single nested subplot only. *Dioscorea bulbifera* contribution to the liana vegetation was 5 individuals recorded in subplot 7 only.

The Simpson's Diversity index (0.46) and Shannon's Diversity Index (0.87) indicated that the plot sustained very less diversity with much lower richness and evenness of liana species. Simpson's

Diversity index also explains that there is 46% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

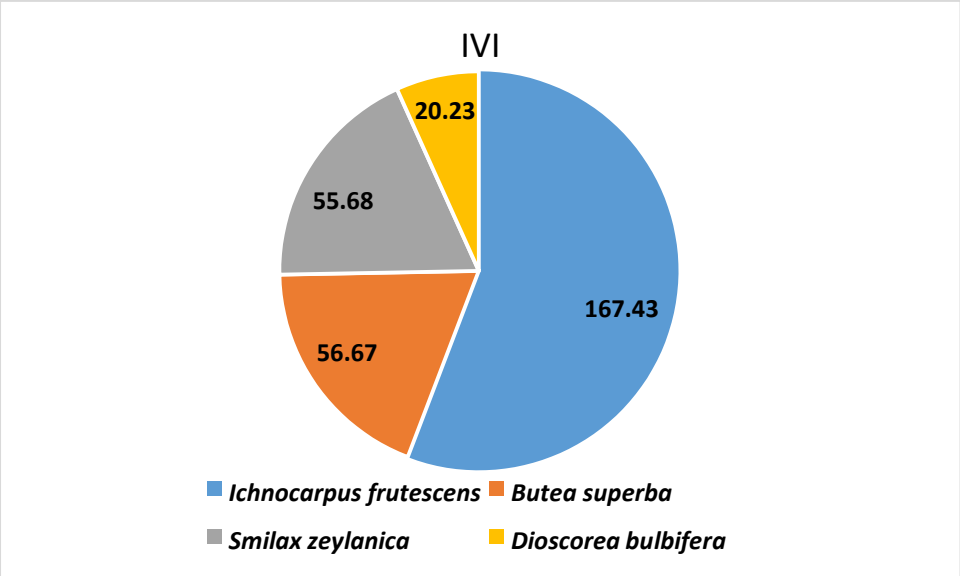


Figure 99: IVI Values of Dominant Liana species in Matha

Table 193: Documentation of all Herb species in all the nested Subplots in Matha

Sl. No.	Herb Species	Common name	Sp1	Sp6	Sp7	Sp9	Sp10	Total
1	*Andrographis paniculata*	Kalmegh	205	17			5	**227**
2	*Curculigo orchioides*	Talmuli		11				**11**
3	*Centratherum anthelminticum*	Bon Somraj					3	**3**
4	*Cheilanthes tenuifolia*	Durga Jhapi	230	18			16	**264**
5	*Chromolena odorata*				3	12		**15**
6	*Crotalaria prostrata*				9	10		**19**
7	*Elephantropus scaber*		73	20	25	67	24	**209**
8	*Evolvulus nummularius*		135	7				**142**
9	*Gynura cusimbua*	Bon Sorisha		98	45	34		**177**
10	*Urginea indica*			18				**18**
Total			**643**	**189**	**82**	**123**	**48**	**1085**

Table 194: Statistical analysis of all the Herb Species in Matha

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Andrographis paniculata*	227	60	13.04	4540	20.92	75.67	19.7	53.65	**0.82**	**1.81**
2	*Curculigo orchioides*	11	20	4.35	220	1.01	11.00	2.86	8.22		
3	*Centratherum anthelminticum*	3	20	4.35	60	0.28	3.00	0.78	5.40		
4	*Cheilanthes tenuifolia*	264	60	13.04	5280	24.33	88.00	22.9	60.26		
5	*Chromolena odorata*	15	40	8.70	300	1.38	7.50	1.95	12.03		
6	*Crotalaria prostrata*	19	40	8.70	380	1.75	9.50	2.47	12.92		
7	*Elephantropus scaber*	209	100	21.74	4180	19.26	41.80	10.9	51.87		
8	*Evolvulus nummularius*	142	40	8.70	2840	13.09	71.00	18.5	40.25		

9	*Gynura cusimbua*	177	60	13.04	3540	16.31	59.00	15.3	44.70
10	*Urginea indica*	18	20	4.35	360	1.66	18.00	4.68	10.69

d. Herb Species:

A total of 1085 herb individuals belonging to 10 herbaceous species were documented here.

The vegetation was dominated by *Cheilanthes tenuifolia* (IVI = 60.26), *Andrographis paniculata* (IVI = 53.65), *Elephantropus scaber* (IVI = 51.87), *Gynura cusimbua* (IVI = 44.70) and *Evolvulus nummularius* (IVI = 40.25). Maximum numbers of individuals were contributed by *Cheilanthes tenuifolia* (264) followed by *Andrographis paniculata* (227), *Elephantropus scaber* (209), *Gynura cusimbua* (177) and *Evolvulus nummularius* (142).

With maximum frequency (100%) *Elephantropus scaber* was found in all the subplots. *Curculigo orchioides, Centratherum anthelminticum* and *Urginea indica* were found to have least frequency (20%) and documented only from a single subplot. *Centratherum anthelminticum* was the least recorded with only 3 individuals in a single subplot.

The Simpson's Diversity index (0.82) and Shannon's Diversity Index (1.81) indicated that the plot is highly diverse with moderate richness and evenness of herbaceous species. Simpson's Diversity index also explains that there is 82% chance that 2 individuals selected at random from this plot would be from different herb species.

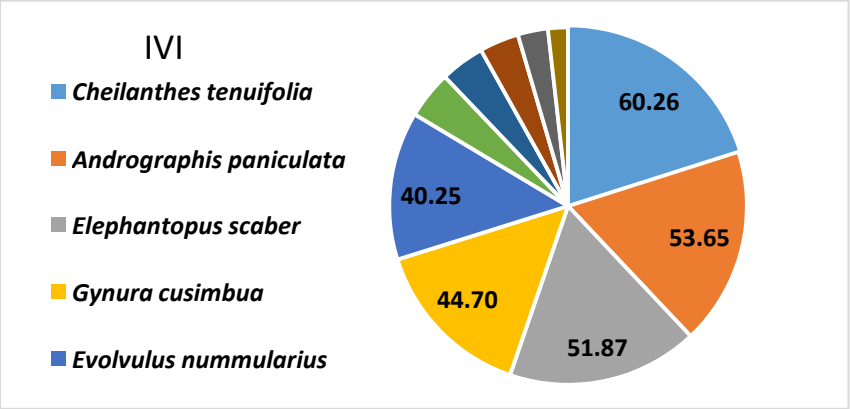


Figure 100: IVI Values of Dominant Herb Species in Matha

Table 195: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Matha

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp6	Sp7	Sp9	Sp10	Total
1	*Asparagus racemosus*	Satamuli		15	6	9		**30**
2	*Hemidesmus indicus*	Anantamul	22	24	10	17	20	**93**
3	*Lygodium flexuosum*		68	14				**82**
Total			**90**	**53**	**16**	**26**	**20**	**205**

Table 196: Statistical analysis of all the Scrambler, creeper and twiner species in Matha

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	30	60	30	600	14.63	10.00	14.37	59.00	**0.62**	**1.01**
2	*Hemidesmus indicus*	93	100	50	1860	45.37	18.60	26.72	122.09		
3	*Lygodium flexuosum*	82	40	20	1640	40.00	41.00	58.91	118.91		

e. Scrambler, creeper and twiner species:

Only 3 scrambler, creeper and twiner species were documented from this permanent plot with a total number of 205 individual climbers.

The vegetation was mostly dominated by *Hemidesmus indicus* (IVI = 122.09) followed by *Lygodium flexuosum* (IVI = 118.91) and *Asparagus racemosus* (IVI = 59.00). Maximum number of individuals was also contributed by *Hemidesmus indicus* (93) followed by *Lygodium flexuosum* with 82 individuals.

With maximum frequency (100%) *Hemidesmus indicus* was found in all the subplots, whereas *Asparagus racemosus* was found in 3 subplots and *Lygodium flexuosum* was found in 2 subplots only.

The Simpson's Diversity index (0.62) and Shannon's Diversity Index (1.01) indicated much less diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explainsthat there is 62% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

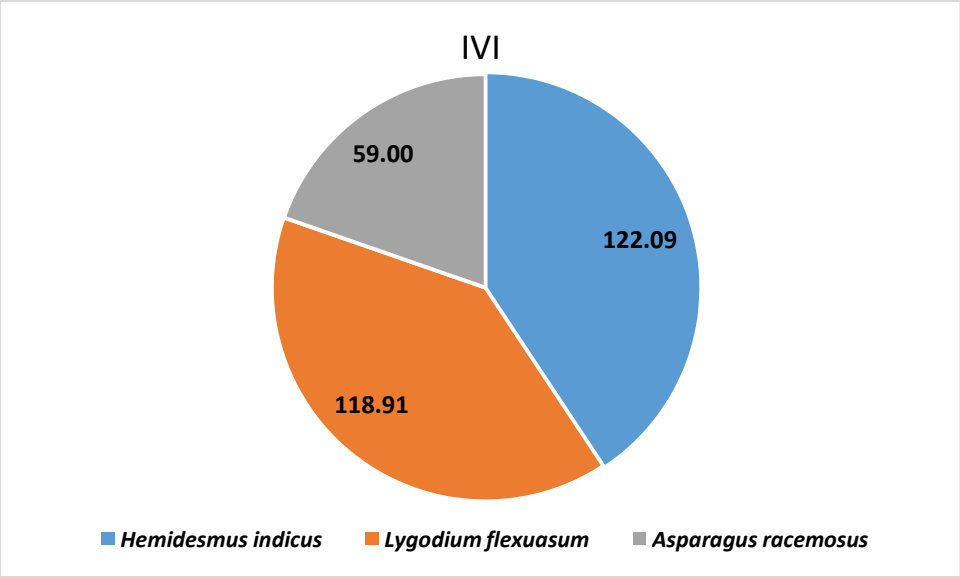


Figure 101: IVI Values of Dominant Scrambler, creeper and twiner species in Matha

6.14.4. Inventory of Associated Bird Species

During field trip 16 species of birds were documented in the selected subplots, including some uncommon species like Grey breasted Prinia and Grey Bushchat. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat. Few birds which were outside of the selected plot also documented and marked with GPS (Annexure 3).

Table 197: All Bird species documented Subplot wise in Matha

Sl. No.	Common Name	Scientific Name	IUCN Status	Subplot
1	Yellow-footed green pigeon	*Treron phoenicoptera*	LC	2
2	Alexandrine Parakeet	*Psittacula eupatria*	NT	3
3	Black Drongo	*Dicrurus macrocercus*	LC	1, 9
4	Black Hooded Oriole	*Oriolus xanthornus*	LC	Adjacent to Subplot 1, 6, 9
5	Common Tailor Bird	*Orthotomus sutorius*	LC	1, 9
6	Grey breasted Prinia	*Prinia hodgsonii*	LC	Adjacent to Subplot 1
7	Grey Bushchat	*Saxicola ferreus*	LC	Adjacent to Subplot 5, 9
8	Indian Peafowl	*Pavo cristatus*	LC	8
9	Indian Robin	*Copsychus fulicatus*	LC	Adjacent to Subplot 8
10	Jerdon's leaf bird	*Chloropsis jerdoni*	LC	Adjacent to Subplot 5
11	Jungle Babbler	*Turdoides striata*	LC	2, Junction of subplot 1 and 2, 9, Adjacent to Subplot 9
12	Pale-billed flowerpecker	*Dicaeum erythrorhynchos*	LC	2, 9
13	Purple Sunbird	*Cinnyris asiaticus*	LC	9
14	Rufous treepie	*Dendrocitta vagabunda*	LC	1, 9
15	Small minivet	*Pericrocotus cinnamomeus*	LC	Adjacent to Subplot 5
16	Spotted Dove	*Spilopelia chinensis*	LC	9

7. Discussion

a. Tree Species:

Table 198: Checklist of tree species of all the studied permanent plots of Lateritic South West Bengal

SL. NO.	SPECIES NAME	VERNACULAR NAME	FAMILY	IUCN STATUS
1	*Acacia auriculiformis*	Akashmoni	Fabaceae	LC
2	*Acacia catechu*	Khayer	Fabaceae	NE
3	*Adina cordifolia*	Korom/Holdu	Rubiaceae	NE
4	*Aegle marmelos*	Bel	Rutaceae	NT
5	*Albizia lebbeck*	Sada Sirish/ Swet Sirish/ Sirish	Fabaceae	LC
6	*Alstonia scholaris*	Chhatim	Apocynaceae	LC
7	*Anogeissus latifolia*	Dhaw	Combretaceae	NE
8	*Antidesma ghaesembilla*	Mathasuro	Phyllanthaceae	LC
9	*Artocarpus heterophyllus*	Bon Kanthal	Moraceae	NE
10	*Azadirachta indica*	Neem	Meliaceae	LC
11	*Bauhinia purpurea*	Lal Kanchan/ Kanchan	Fabaceae	LC
12	*Bombax ceiba*	Lal Simul	Malvaceae	LC
13	*Bridelia retusa*	Kosai/ Bhuans	Phyllanthaceae	LC
14	*Buchanania lanzan*	Piyal	Anacardiaceae	NE
15	*Butea monosperma*	Palash	Fabaceae	LC
16	*Careya arborea*	Astha/Kumbhi	Lecythidaceae	NE
17	*Cassia fistula*	Bandar Lathi/Sonalu	Fabaceae	LC
18	*Cassia siamea*	Minjiri	Fabaceae	LC
19	*Ceiba pentandra*	Sada Simul	Malvaceae	LC
20	*Cleistanthus collinus*	Parasi	Phyllanthaceae	VU
21	*Cochlospermum religiosum*	Bandar Pichla/ Golgoli/ Galgal	Bixaceae	NE
22	*Cordia myxa*	Baharkuri	Boraginaceae	NE
23	*Dalbargia latifolia*	Sweti Sal	Fabaceae	VU
24	*Dalbargia sissoo*	Sissoo	Fabaceae	NE
25	*Dillenia indica*	Chalta	Dilleniaceae	NE
26	*Dillenia pentagyna*	Bon Chalta	Dilleniaceae	NE
27	*Diospyros excelsa*	Kendu	Ebenaceae	NE
28	*Erythrina indica*	Vurkunra/Vurkund	Fabaceae	NE
29	*Eucalyptus globulus*	Potas	Myrtaceae	LC
30	*Ficus bengalensis*	Bot	Moraceae	NE
31	*Ficus hispida*	Dumur	Moraceae	LC
32	*Ficus recemosa*	Pahari Dumur	Moraceae	NE
33	*Flacourtia indica*	Choto Boichi	Salicaceae	LC
34	*Flacourtia jangomas*	Boro Boichi	Salicaceae	NE
35	*Gardenia latifolia*	Dombhurru/Popro	Rubiaceae	NE
36	*Glochidion lanceolarium*	Glochidion	Phyllanthaceae	NE
37	*Gmelia arborea*	Gamar	Verbenaceae	NE
38	*Holarrhena antidysenterica*	Kurchi	Apocynaceae	LC
39	*Holoptelea integrifolia*	Challa/Chatra	Ulmaceae	NE

40	*Ixora arborea*	Loha Jangi	Rubiaceae	NE
41	*Lagerstroemia parviflora*	Sidha	Lythraceae	NE
42	*Lannea coromandelica*	Geol/Kachmola/Doka	Anacardiaceae	NE
43	*Litsea glutinosa*	Leda	Lauraceae	LC
44	*Madhuca latifolia*	Mahua	Sapotaceae	NE
45	*Mangifera indica*	Aam	Anacardiaceae	DD
46	*Mitragyna parvifolia*	Keli Kadam	Rubiaceae	NE
47	*Morinda angustifolia*			
48	*Morinda citrifolia*	Choili/Noni/Auch/Aanch	Rubiaceae	NE
49	*Naringi crenulata*	Bonomali	Rutaceae	NE
50	*Neolamarckia cadamba*	Kadam	Rubiaceae	NE
51	*Nyctanthes arbor-tritis*	Seuli	Oleaceae	NE
52	*Oroxylum indicum*	Bhaluk Shakti	Bignoniaceae	NE
53	*Ougeinia oojeinensis*	Panjan	Fabaceae	NE
54	*Peltophorum acerifolium*	Radhachura	Fabaceae	NE
55	*Phyllanthus emblica*	Amloki	Phyllanthaceae	LC
56	*Pterocarpus marsupium*	Piyasal/Murga	Fabaceae	NT
57	*Sapindus emarginatus*	Ritha	Sapindaceae	NE
58	*Schleichera oleosa*	Kusum	Sapindaceae	LC
59	*Semecarpas anacardium*	Vella	Anacardiaceae	NE
60	*Shorea robusta*	Sal	Dipterocarpaceae	LC
61	*Soymida febrifuga*	Rahara	Meliaceae	NE
62	*Stereospermum suaveolens*	Parul	Bignoniaceae	NE
63	*Streblus asper*	Seora	Moraceae	LC
64	*Strychnos nux-vomica*	Kuchila	Loganiaceae	NE
65	*Symplocos racemosa*	Lodh	Symplocaceae	NE
66	*Syzygium cumini*	Chudui/Khudi Jam	Myrtaceae	LC
67	*Syzygium jambolanum*	Jaam/Boro Jam/Kada Jam/ Tupa Jaam	Myrtaceae	NE
68	*Tamarindas indica*	Tentul	Fabaceae	NE
69	*Tectona grandis*	Teak/Segun	Lamiaceae	NE
70	*Terminalia arjuna*	Arjun	Combretaceae	NE
71	*Terminalia bellirica*	Bohera/Bogra	Combretaceae	NE
72	*Terminalia chebula*	Haritaki	Combretaceae	NE
73	*Terminalia tomentosa*	Ason	Combretaceae	NE
74	*Trema orientalis*		Cannabaceae	LC
75	*Trewia nudiflora*	Petali/Pituli	Euphorbiaceae	NE
76	*Ziziphus mauritiana*	Bon Kool/Boro Kool/Kool	Rhamnaceae	LC

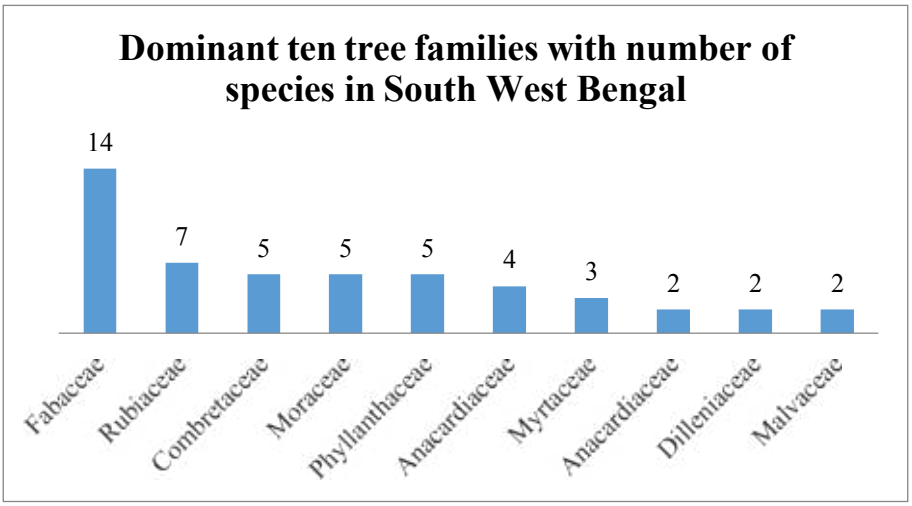


Figure 102: Dominant ten families with number of tree species documented in Lateritic South West Bengal Plots

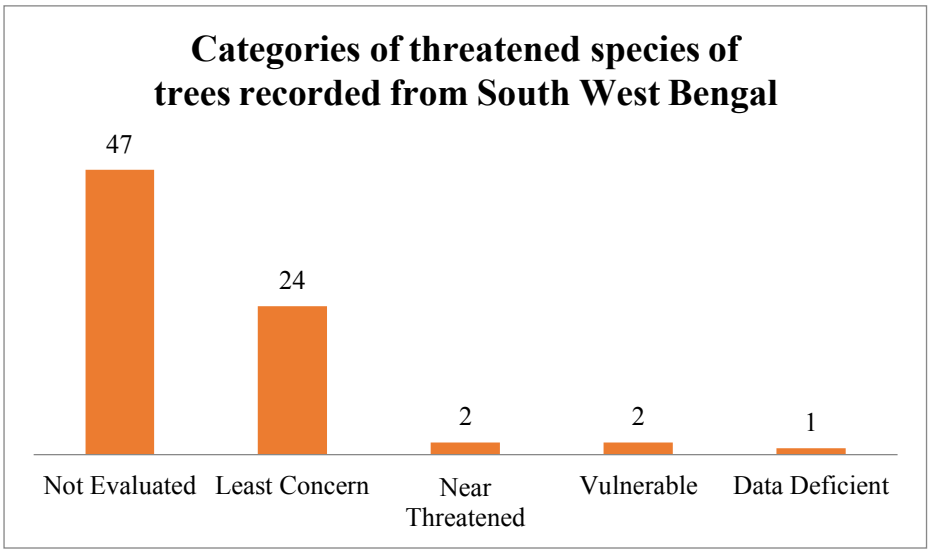


Figure 103: Categories of threatened species of trees recorded in lateritic South West Bengal Plots

Table 199: Comparative tree species diversity among all the 14 permanent plots of lateritic South West Bengal

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status	Total Species	Total Individuals	Dominant Tree species
1	Arabari	0.87	2.59	High	37	975	*Tectona grandis*
2	Tirat-Asansole	0.80	2.06	High	36	4257	*Shorea robusta*
3	Bundwan	0.80	1.98	High	37	5488	*Shorea robusta*
4	Chandabila Topoban	0.30	0.85	Moderate	27	3149	*Shorea robusta*
5	Garh Panchkot	0.70	1.90	High	40	2849	*Shorea robusta*
6	Gidhni	0.32	0.76	Moderate	10	7213	*Shorea robusta*
7	Hoomgarh	0.01	0.03	Low	6	4223	*Shorea robusta*
8	Sutan	0.70	1.78	High	34	6351	*Shorea robusta*

9	Kankrajhore	0.66	1.78	High	34	3258	*Shorea robusta*
10	Kanksa	0.38	0.84	Moderate	14	4577	*Shorea robusta*
11	Matha	0.50	1.14	Moderate	20	1915	*Shorea robusta*
12	MD Bazar	0.45	0.80	Moderate	14	3596	*Shorea robusta*
13	Panchet	0.02	0.08	Low	14	5089	*Shorea robusta*
14	Susunia	0.03	0.10	Low	11	4375	*Shorea robusta*

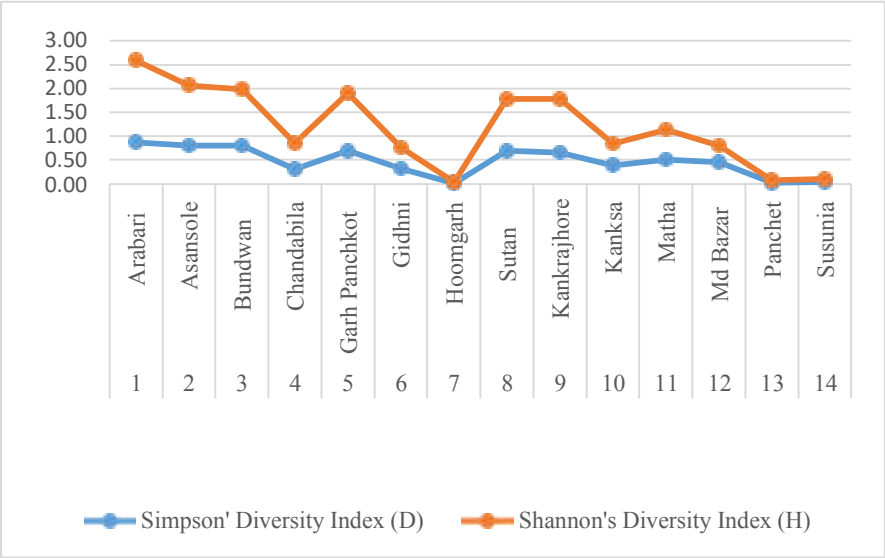


Figure 104: Comparison of tree species richness and various diversity indices

Findings:

A total of 57315 individuals of 76 tree species under 31 families were recorded from South West Bengal Plots.

The maximum diversity (40) of tree species found in South West Bengal was seen in the permanent plot from Garh Panchkot (2849 individuals), followed by 37 species that was documented in Arabari (975 individuals) and Bundwan (5488 individuals). The third highest diversity of 36 species was seen in Asansole (4257). Kankrajhore (3258 individuals) and Jhilimili (6351 individuals) possess the fourth highest diversity with 34 species. Hoomgarh was the least diverse of all the 14 plots in South West Bengal recording only 6 tree species.

Only two species of trees, *Shorea robusta* and *Madhuca latifolia* were found in all the 14 permanent plots in all the locations at South West Bengal. *Shorea robusta* dominated in numbers and recorded a maximum of nearly 40,000 individuals while *Madhuca latifolia* had 3780.

These two species accounted for nearly 2/3rd of the total trees (51891) distributed among 76 species found in South West Bengal.

Shorea robusta was the dominant species in all the plots except Arabari, where *Tectona grandis* was the dominant species.

Semecarpus anacardium was the closest to these in that it occurred in 13 of the 14 plots but recorded only 976 individuals when all the 13 plots are taken into consideration.

Those occurring in ten to twelve plots were *Buchanania lanzan, Lannea coromandelica*, in 12 plots with 3590 and 764 individuals respectively followed by *Diospyros excelsa, Terminalia bellirica, Terminalia tomentosa* in 11 plots with 869,192 and 1432 individuals respectively, while *Pterocarpus marsupium* was found in 10 plots with 639 individuals.

Those with individuals around 500 or more were seen to be found in *Anogeissus latifolia* (968 in 9 plots), *Holarrhena antidysenterica* (599 in 5 plots), *Soymida febrifuga* (488 in 7 plots) and *Cleistanthus collinus* (469 in 4 plots).

There were 18 instances of tree species which occurred only once in one of the plots with individuals varying from 1 to 8. They were *Holoptelea integrifolia* with 7 individuals and *Strychnos nux-vomica* with 2 individuals, followed by *Naringi crenulata, Trema orientalis* and *Sapindus emarginatus* with only 1 individual each all from Arabari.

In Asansole the species that occurred only one were *Syzygium cumini* having 8 individuals, *Antidesma ghaesembilla* with 6 individuals and *Glochidion lanceolarium* with 2 individuals.

Bundwan recorded two species, *Nyctanthes arbor-tritis* and *Oroxylum indicum* with 2 individuals each.

Ficus recemosa from Garh Panchkot with 2 individuals along with *Artocarpus heterophyllus, Ficus hispida* and *Neolamarckia cadamba* with only 1 individual each occurred only once.

Kankrajhore recorded four species –*Trewia nudiflora* with 6 individuals*, Cordia myxa, Dalbargia sissoo* and *Mangifera indica* with only 1 individual each that occurred only once.

The most dominating family in the tree-flora was Fabaceae represented by 14 species, followed by Rubiaceae (6 spp), Combretaceae (5 spp), Moraceae (5 spp), Phyllanthaceae (5 spp), Anacardiaceae (4 spp) etc.

Cleistanthus collinus and *Dalbargia latifolia* were noted to be Vulnerable*; Aegle marmelos and Pterocarpus marsupium* were under Near Threatened category of IUCN red list. Other categories of threats include Least Concern (24 spp), Data Deficient (01 sp) and 46 species of trees were categorized as Not Evaluated.

b. Shrub Species:

Table 200: Checklist of shrub species of all the studied permanent plots of Lateritic South West Bengal

SL NO.	SPECIES NAME	VERNACULAR NAME	FAMILY	IUCN STATUS	REMARKS
1	*Acacia farnesiana*	Ruirui	Fabaceae	LC	
2	*Azanza lampas*	Bon Kapas	Malvaceae	NE	
3	*Breynia vitis-idaea*	Kali Sikor	Phyllanthaceae	LC	
4	*Caesalpinia bonduc*		Fabaceae	LC	
5	*Carissa spinarum*	Karmedh	Apocynaceae	LC	
6	*Cassia sophera*		Fabaceae	NE	
7	*Celastrus paniculatus*	Kujuri lata	Celastraceae	NE	
8	*Ceriscoides turgida*	Gurmon	Rubiaceae	NE	
9	*Cleistanthus collinus*		Phyllanthaceae	VU	
10	*Clerodendrum infortunatum*	Ghentu/Vant	Lamiaceae	NE	Invasive species
11	*Corchorus aestuans*		Tiliaceae	NE	
12	*Crotalaria pallida*	Otosi	Fabaceae	NE	
13	*Croton oblongifolius*	Neuri	Euphorbiaceae	LC	
14	*Dalbergia volubilis*		Fabaceae	NE	
15	*Dalbergia lanceolaria*		Fabaceae	LC	
16	*Desmodium gangeticum*	Salpani	Fabaceae	NE	
17	*Flacourtia indica*	Boichi	Salicaceae	LC	
18	*Flemingia strobilifera*		Fabaceae	NE	
19	*Garcinia livingstonei*		Clusiaceae	NE	
20	*Gardenia gummifera*	Vurru	Rubiaceae	LC	
21	*Grewia helicterifolia*		Malvaceae	NE	
22	*Helicteres isora*	Pet Mochra	Malvaceae	NE	
23	*Hibiscus vitifolius*	Bon Kapas	Malvaceae	NE	
24	*Lantana camara*	Putus	Verbenaceae	NE	Invasive species
25	*Mimosa diplotricha*		Fabaceae	NE	
26	*Mimosa rubicaulis*		Fabaceae	NE	
27	*Nyctanthes arbor-tristis*	Siuli	Oleaceae	NE	
28	*Phoenix acaulis*	Bon Khejur/Kitte	Arecaceae	NE	
29	*Phyllodium pulchellum*		Fabaceae	LC	
30	*Randia spinosa*	Goral kanta/Bon kanta/ Khudi Karhar	Rubiaceae	NE	
31	*Rubus flagellaris*		Rosaceae	NE	
32	*Tragia involucrata*		Euphorbiaceae	NE	
33	*Urena sinuata*		Malvaceae	NE	
34	*Urena lobata*		Malvaceae	LC	
35	*Woodfordia fruticosa*	Bon Jhati/Dhatki/ Pithali	Lythraceae	LC	
36	*Ziziphus mauritiana*	Kul	Rhamnaceae	LC	
37	*Ziziphus oenoplia*	Buda Kul/ Kasi kul/ Sia kul	Rhamnaceae	NE	
38	*Ziziphus rugosa*		Rhamnaceae	NE	

Table 201: Plot wise Shrub species diversity with individual count of all 14 permanent plots in Lateritic South Bengal

Permanent Plot	No. of Shrub Species	No. of Shrub individuals
Gidhni	7	136
Arabari	9	1545
Kankrajhore	11	1746
Bundwan	11	1260
Sutan	11	2067
Md Bazar	10	2835
Kanksa	7	1170
Tirat-Asansole	14	1374
Garh Panchkot	15	1570
Chandabila-Topoban	13	782
Susunia	12	1075
Panchet	12	713
Hoomgarh	14	905
Matha	8	1830
Total		**19008**

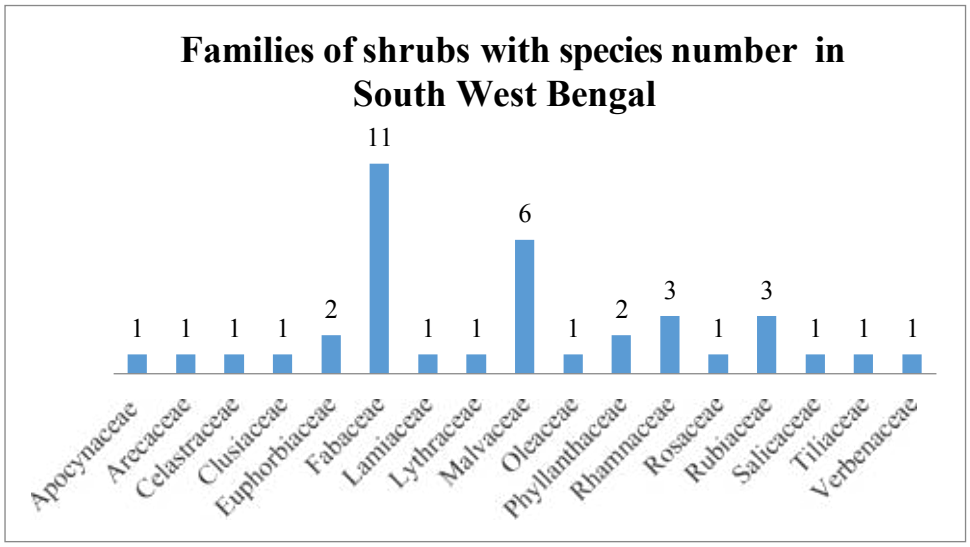


Figure 105: Families with number of shrub species documented in South West Bengal Plots

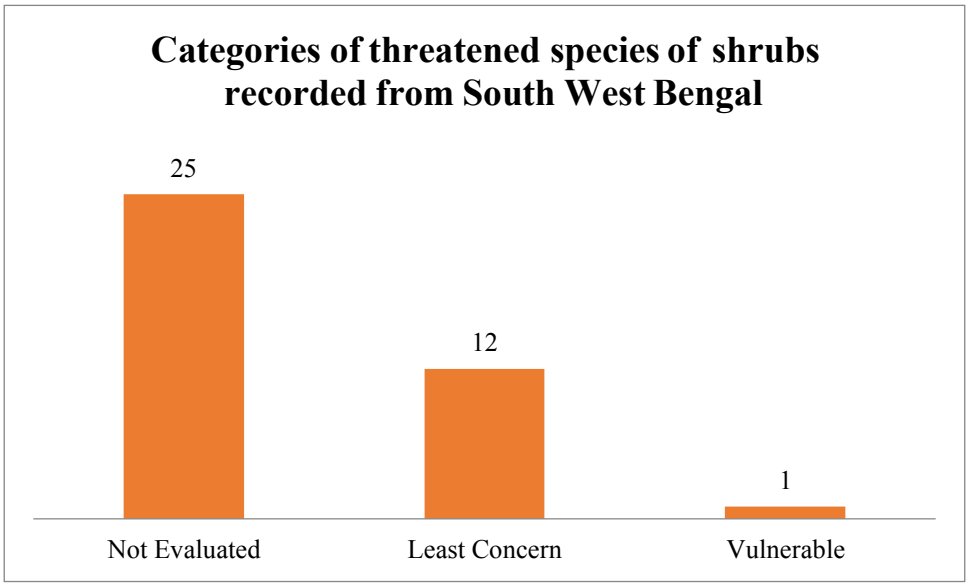


Figure 106: Categories of threatened species of shrubs recorded in South West Bengal Plots

Table 202: Comparative shrub species diversity among all 14 permanent plots of South West Bengal

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	Arabari	0.78	1.70	Moderate
2	Tirat-Asansole	0.88	2.3	High
3	Bundwan	0.85	2.07	High
4	Chandabila-Topoban	0.89	2.34	High
5	Garh Panchkot	0.88	2.34	High
6	Gidhni	0.2	1.69	Low
7	Hoomgarh	0.83	2.03	High
8	Jhilimili	0.83	1.93	Moderate
9	Kankrajhore	0.82	1.93	Moderate
10	Kanksa	0.84	1.76	Moderate
11	Matha	0.71	1.48	low
12	Md Bazar	0.86	2.11	High
13	Panchet	0.79	1.92	Moderate
14	Susunia	0.88	2.22	High

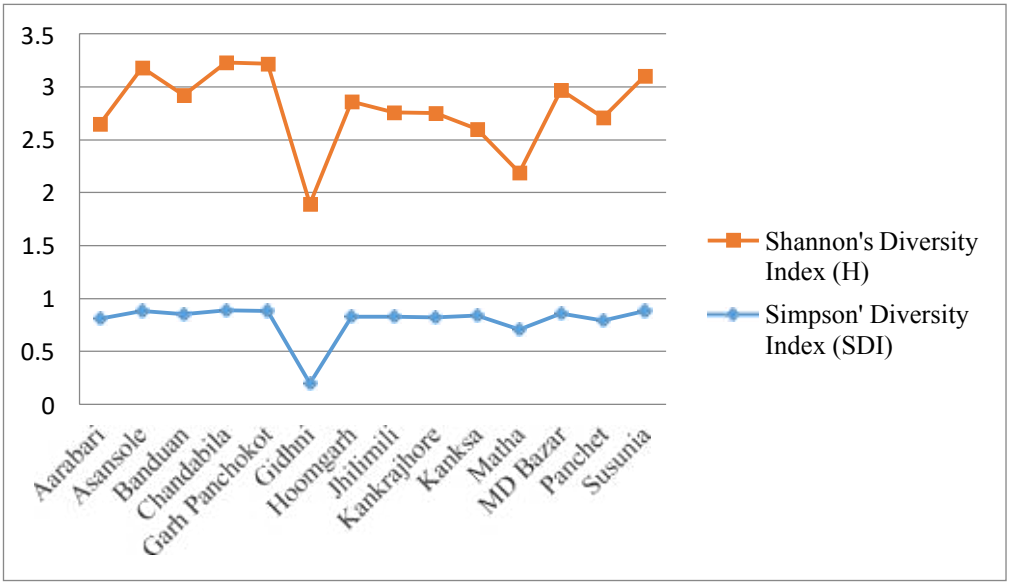


Figure 107: Comparison of shrub species richness and various diversity indices

Findings:

A total of 19008 individuals of 38 shrub species under 17 families were recorded from all South West Bengal Plots.

Maximum number of shrub species (15) was recorded from the permanent plot at Garh Panchkot, whereas plots at Gidhni and Kanksa were found to sustain Minimum number of shrub species diversity (7 each). Maximum number of shrub individuals (2835) was recorded from MD Bazar and only 136 shrub individuals were recorded from Gidhni which is the lowest among all.

The permanent plots at Asansole, Bundwan, Chandabila, Garh Panchkot, Hoomgarh, MD Bazar and Susunia were found to have high diversity of shrub species. On the other hand, plots at Gidhni and Matha represented low diversity of shrub species.

The most dominating family in the shrub-flora was Fabaceae represented by 11 species, followed by Malvaceae (6 spp), Rhamnaceae (3 spp) and Rubiaceae (3spp).

Cleistanthus collinus was noted to be Vulnerable in IUCN Red List. Other categories of threats include Least Concern (12spp) and 25 species of shrubs were categorized as Not Evaluated.

c. Liana Species:

Table 203: Checklist of Liana (woody climbers) species of all the studied permanent plots of South West Bengal

SL NO.	SPECIES NAME	VERNACULAR NAME	FAMILY	IUCN STATUS
1	*Abrus precatorius*	Kuch	Fabaceae	NE
2	*Ampelocissus latifolia*	Bon Angur/ Ghora ladi	Vitaceae	NE
3	*Argyreia speciosa*		Convolvulaceae	NE
4	*Aristolochia indica*	Iswarmul	Aristolochiaceae	NE
5	*Bauhinia vahlii*		Fabaceae	NE
6	*Butea superba*	Lot Palash/ Chihor	Fabaceae	NE
7	*Cocculus hirsutus*		Menispermaceae	NE
8	*Combretum decandrum*	Atari/Atang	Combretaceae	NE
9	*Dioscorea bulbifera*	Khamalu/ Kappu	Dioscoreaceae	NE
10	*Dioscorea esculenta*	Chupri alu	Dioscoreaceae	NE
11	*Dioscorea pentaphylla*		Dioscoreaceae	NE
12	*Ichnocarpus frutescens*	Dudhi lata/Beri lata	Apocynaceae	NE
13	*Morus alba*		Moraceae	LC
14	*Smilax zeylanica*	Ram Dantan	Smilacaceae	NE
15	*Stephania hernandifolia*		Menispermaceae	NE
16	*Tinospora cordifolia*		Menispermaceae	NE
17	*Ventilago denticulata*	Bonga sarjom	Rhamnaceae	NE

Table 204: Plot wise Liana species diversity with individual count of all 14 permanent plots in lateritic South Bengal

Permanent Plot	No. of Liana Species	No. of Liana individuals
Gidhni	8	194
Arabari	7	637
Kankrajhore	8	739
Bundwan	9	542
Sutan	6	839
MD Bazar	8	817
Kanksa	4	399
Tirat-Asansole	9	894
Garh Panchkot	7	473
Chandabila Topoban	9	436
Susunia	8	433
Panchet	8	771
Hoomgarh	7	505
Matha	4	203
Total		**7882**

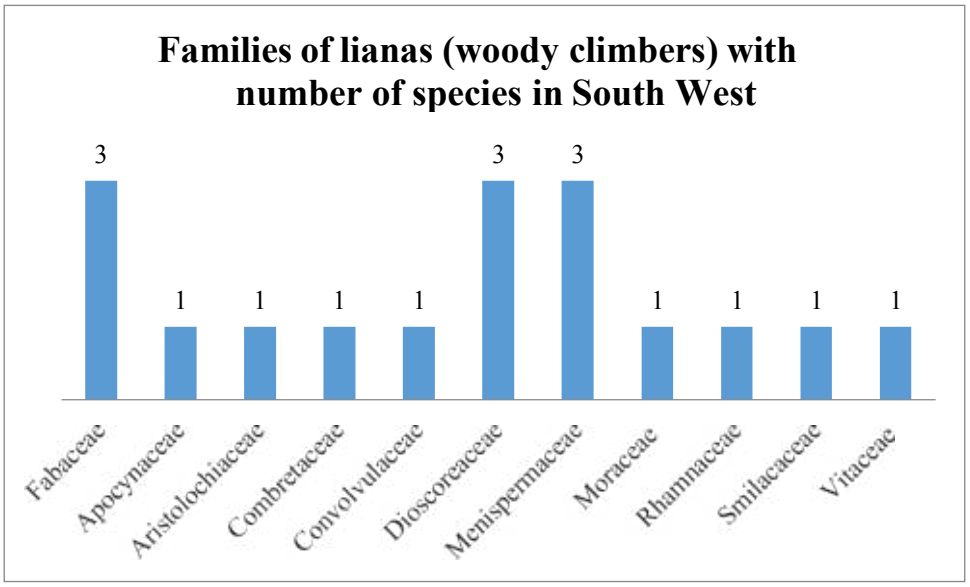


Figure 108: Families with number of liana (Woody climbers) species documented in South West Bengal Plots

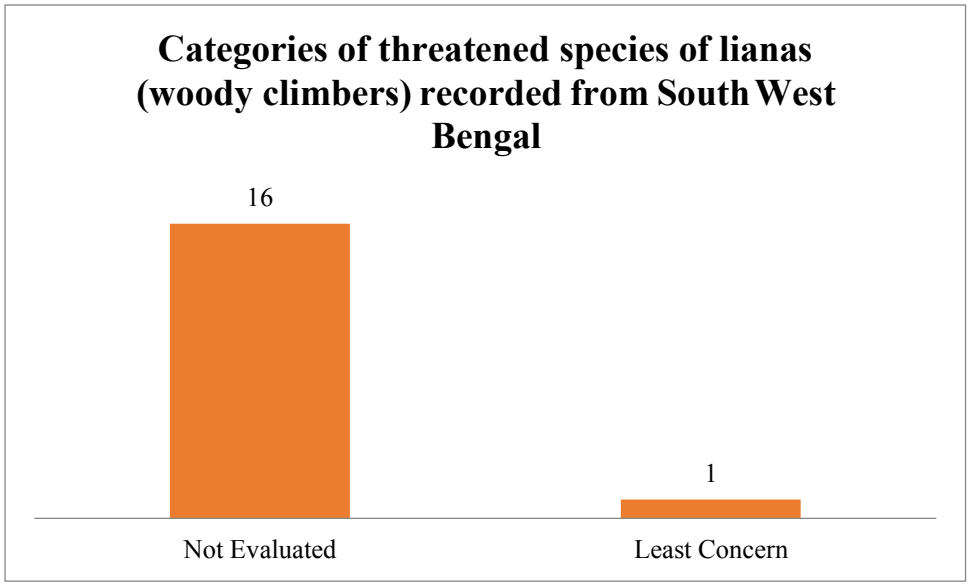


Figure 109: Categories of Threatened species of lianas (woody climbers) recorded in South West Bengal Plots

Table 205: Comparative Liana (Woody climber) species diversity among all 14 permanent plots in South West Bengal

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)
1	Arabari	0.79	1.67
2	Tirat-Asansole	0.76	1.6
3	Bundwan	0.7	1.45
4	Chandabila-Topoban	0.72	1.41
5	Garh Panchkot	0.69	1.45
6	Gidhni	0.82	1.78
7	Hoomgarh	0.72	1.48

8	Sutan	0.77	1.56
9	Kankrajhore	0.75	1.6
10	Kanksa	0.69	1.28
11	Matha	0.46	0.87
12	MD Bazar	0.76	1.63
13	Panchet	0.76	1.61
14	Susunia	0.73	1.55

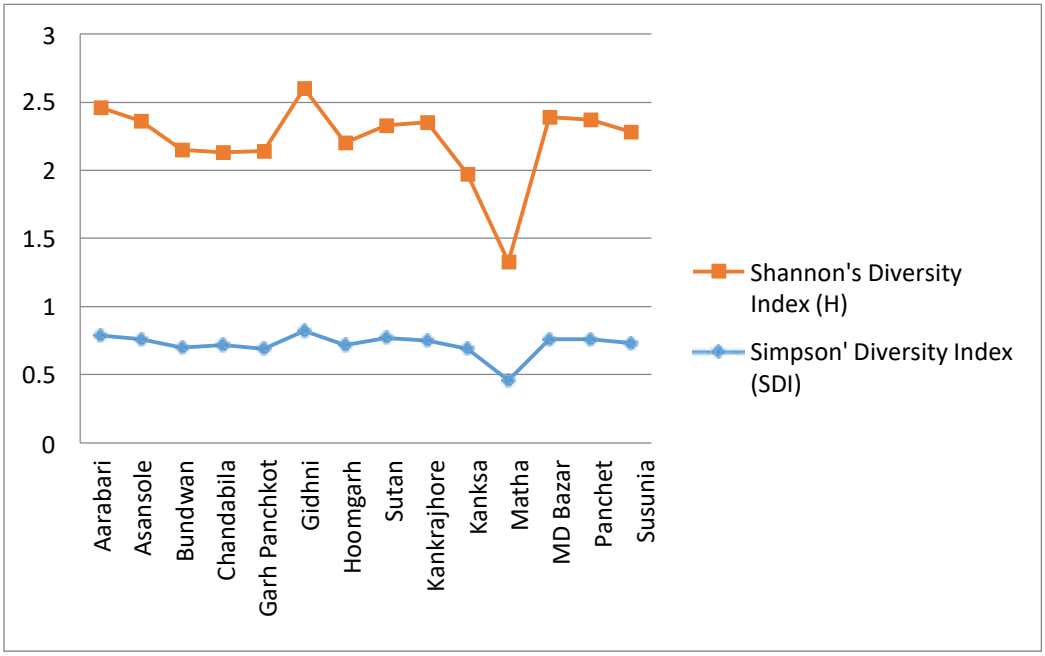


Figure 110: Comparison of liana species richness and various diversity indices

Findings:

A total of 7882 individuals of 17 Liana (woody climber) species under 11 families were recorded from all South West Bengal Plots.

Maximum number of Liana (woody climber) species (9) was recorded from the permanent plots at Bundwan, Tirat-Asansole and Chandabila Topoban; whereas plots at Matha and Kanksa were found to sustain Minimum number of woody climber species (4 each). Maximum number of woody climber individuals (894) was recorded from Tirat-Asansole and only 194 woody climber individuals were recordedfrom Gidhni which is the lowest among all.

Most of the permanent plots (12) were found to have moderate diversity of woody climber species except Kanksa and Matha which represented low diversity of woody climber species.

The most dominating family in the Liana-flora were Fabaceae, Dioscoreaceae and Menispermaceae represented by 3 species each. Rest 8 families were represented by only single species each.

One species of liana was included in Least Concern category and 16 species were categorized as Not Evaluated in IUCN Red List.

d. Herb Species:

Table 206: Checklist of herb species of all the studied permanent plots of South West Bengal

SL. NO.	SPECIES NAME	VERNACULAR NAME	FAMILY	IUCN STATUS	REMARKS
1	*Abutilon indicum*	Pitari	Malvaceae	NE	
2	*Acilepis sp.*		Asteraceae		
3	*Allium ursinum*	Bon rosun	Amaryllidaceae	LC	
4	*Amaranthus viridis*	Bon notey	Amaranthaceae	NE	
5	*Andrographis paniculata*	Kalmegh	Acanthaceae	NE	
6	*Anisomeles ovata*	Gopali	Lamiaceae	NE	
7	*Aristida adscensionis*		Poaceae	NE	Grass
8	*Barleria cristata*	Jhinti	Acanthaceae	NE	
9	*Bothriochloa ischaemum*		Poaceae	NE	Grass
10	*Canscora decussata*		Gentianaceae	NE	
11	*Centratherum anthelminticum*	Bon Somraj	Asteraceae	NE	
12	*Cheilanthes tenuifolia*		Pteridaceae	NE	
13	*Chromolaena odorata*	Bhabri, Bon Mara	Asteraceae	NE	Invasive Species
14	*Commelina benghalensis*		Commelinaceae	LC	
15	*Corchorus aestuans*		Tiliaceae	NE	
16	*Costus speciosus*		Costaceae	NE	
17	*Crotalaria prostrata*		Fabaceae	NE	
18	*Croton bonplandianum*		Euphorbiaceae	NE	
19	*Curculigo orchioides*	Talmuli	Hypoxidaceae	NE	
20	*Curcuma aromatica*	Bon Holud	Zingiberaceae	NE	
21	*Cyanthillium cinereum*		Asteraceae	NE	
22	*Cyperus rotundus*		Cyperaceae	LC	Sedge
23	*Desmodium triflorum*		Fabaceae	LC	
24	*Digitaria bicornis*		Poaceae	NE	Grass
25	*Dryopteris filix-mas*		Dryopteridaceae	NE	
26	*Elephantropus scaber*		Asteraceae	NE	
27	*Euphorbia hirta*		Euphorbiaceae	NE	
28	*Euphorbia thymefolia*		Euphorbiaceae	NE	
29	*Evolvulus alsinoides*		Convolvulaceae	NE	
30	*Evolvulus nummularius*		Convolvulaceae	NE	
31	*Gynura cusimbua*	Bon Sorisha	Asteraceae	NE	
32	*Hemidesmus indicus*	Anantamul	Asclepiadaceae	NE	
33	*Hybanthus enneaspermus*		Violaceae	VU	
34	*Hyptis soaveolens*		Lamiaceae	NE	
35	*Indoneesiella echioides*	Birkubata	Acanthaceae	NE	
36	*Lindernia ciliata*		Linderniaceae	LC	
37	*Mentha piperita*	Kalha	Lamiaceae	NE	
38	*Mimosa pudica*	Lojjabati	Fabaceae	LC	Invasive Species
39	*Oldenlandia corymbosa*		Rubiaceae	LC	
40	*Oxalis corniculata*	Amrul saak	Oxalidaceae	NE	
41	*Phalaris minor*		Poaceae	NE	Grass

42	*Phyllanthus niruri*	Vui Amla	Phyllanthaceae	NE	
43	*Phyllocephalum scabridum*		Asteraceae	NE	
44	*Pluchea alba*		Asteraceae	NE	
45	*Polygala crotalarioides*	Nilkantha/Chaulirani	Polygalaceae	NE	
46	*Rhynchosia rufescens*		Fabaceae	NE	
47	*Rungia pectinata*		Acanthaceae	NE	
48	*Scoparia dulcis*	Bon dhone	Plantaginaceae	NE	
49	*Sida acuta*		Malvaceae	NE	
50	*Sida humilis*		Malvaceae	NE	
51	*Sida rhombifolia*		Malvaceae	NE	
52	*Spermacoce hispida*		Rubiaceae	NE	
53	*Spilanthes oleracea*		Asteraceae	NE	
54	*Strobilanthes lanata*		Acanthaceae	NE	
55	*Strobilanthes tomentosa*		Acanthaceae	NE	
56	*Tacca leontopetaloides*		Dioscoreaceae	LC	
57	*Tridax procumbens*	Tar Ganda	Asteraceae	NE	
58	*Triumfetta rhomboidea*		Tiliaceae	NE	Invasive Species
59	*Urginea indica*		Liliaceae	NE	
60	*Venda roxberghii*		Orchidaceae	NE	
61	*Vernonia cineria*	Bon Sorisha	Asteraceae	NE	
62	*Vicoa indica*		Asteraceae	NE	

Table 207: Plot wise Herb species diversity with individual count of all 14 permanent plots in lateritic South West Bengal

Permanent Plot	No. of Liana Species	No. of Liana individuals
Gidhni	11	551
Arabari	17	2024
Kankrajhore	11	1639
Bundwan	19	1602
Sutan	16	2177
MD Bazar	12	1871
Kanksa	17	463
Tirat-Asansole	16	1171
Garh Panchkot	18	1298
Chandabila-Topoban	17	1186
Susunia	13	1195
Panchet	11	1044
Hoomgarh	18	1214
Matha	10	1085
Total		**18520**

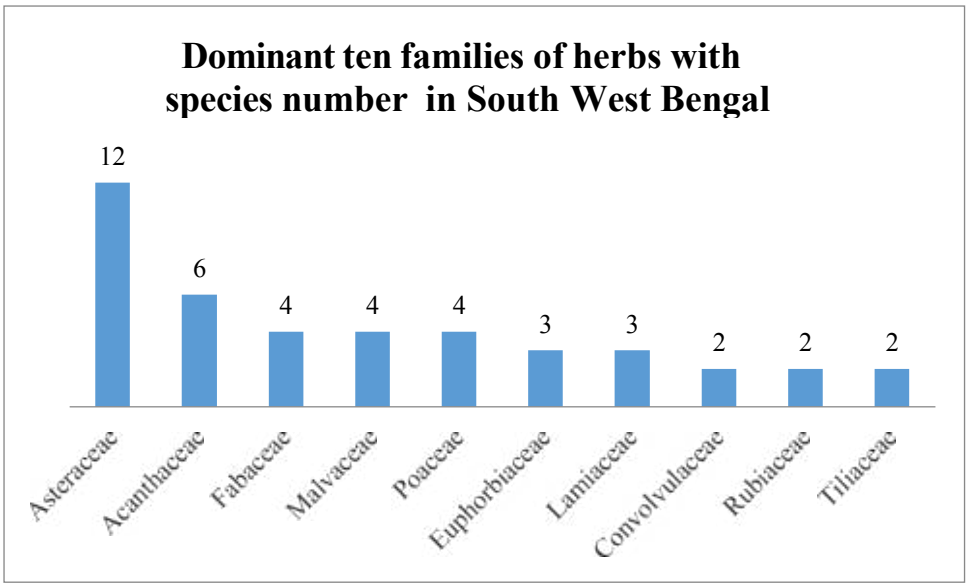


Figure 111: Dominant ten families with number of herb species documented in South West Bengal Plots

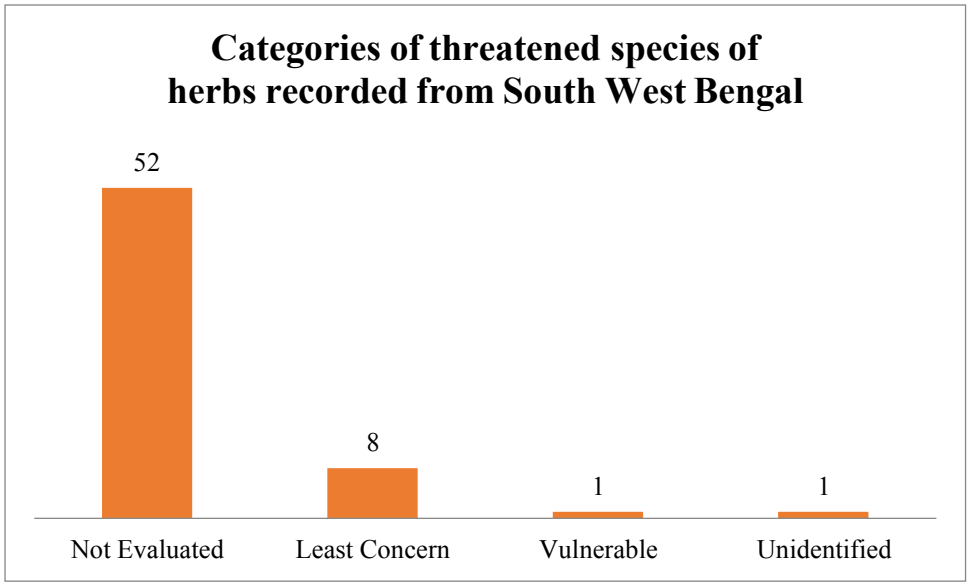


Figure 112: Categories of threatened species of herbs recorded in South West Bengal Plots

Table 208: Comparative herb species diversity among all 14 permanent plots

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	Arabari	0.86	2.25	High
2	Tirat-Asansole	0.88	2.31	High
3	Bundwan	0.88	2.4	High
4	Chandabila-Topoban	0.88	2.35	High
5	Garh Panchkot	0.72	1.93	Moderate
6	Gidhni	0.85	2.01	High
7	Hoomgarh	0.84	2.22	High

8	Sutan	0.9	2.46	High
9	Kankrajhore	0.86	2.26	High
10	Kanksa	0.87	2.35	High
11	Matha	0.82	1.81	Moderate
12	MD Bazar	0.75	1.7	Moderate
13	Panchet	0.86	2.12	High
14	Susunia	0.85	2.18	High

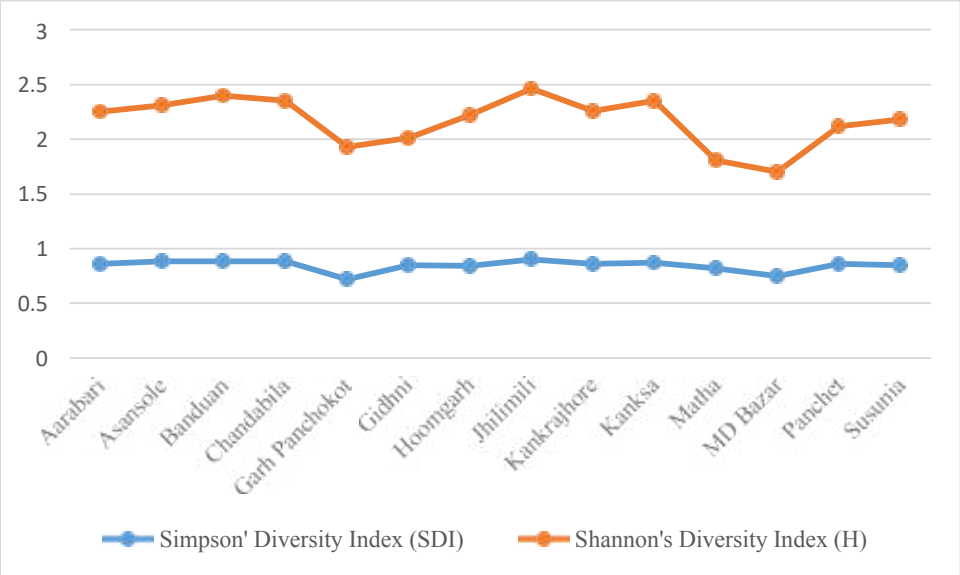


Figure 113: Comparison of herb species richness and various diversity indices

Findings:

A total of 18520 individuals of 62 herb species under 27 families were recorded from all South West Bengal Plots.

Maximum number of herb species (19) was recorded from the permanent plot at Bundwan, whereas plot at Matha was found to sustain minimum number of herb species (10). Maximum number of herb individuals (2177) was recorded from Sutan and only 463 herb individuals were recorded from Kanksa which is the lowest among all.

The permanent plots at Arabari, Tirat-Asansole, Bundwan, Chandabila Topoban, Gidhni, Hoomgarh, Sutan, Kankrajhore, Kanksa, Panchet and Susunia were found to have high diversity of herb species. On the other hand, plots at Garh Panchkot, Md Bazar and Matha represented low diversity of herb species.

The most dominating family in the herb-flora was Asteraceae represented by 12 species, followed by Acanthaceae (6 spp). Rest of the families were represented by herb species ranging from 2-4.

Hybanthus enneaspermus was noted to be Vulnerable (VU) in IUCN Red List. Other categories of threats include Least Concern (8spp) and 52 species of herbs were categorized as Not Evaluated.

e. Scrambler, creeper and twiner species:

Table 209: **Checklist of scrambler, creeper and twiner species of all the studied permanent plots of South West Bengal**

SL. NO.	SPECIES NAME	VERNACULAR NAME	FAMILY	IUCN STATUS	REMARKS
1	*Asparagus racemosus*	Satamuli	Asparagaceae	NE	
2	*Cajanus scarabaeoides*	Kurthi	Fabaceae	LC	
3	*Cuscuta reflexa*	Swarnalata	Cuscutaceae	NE	
4	*Hemidesmus indicus*	Anantamul	Asclepiadaceae	NE	
5	*Lygodium flexuasum*		Lygodiaceae	NE	
6	*Mikania scandens*	Assamlota	Asteraceae	NE	Invasive Species
7	*Mucuna pruriens*	Alkusi	Fabaceae	NE	
8	*Rivea hypocataryformis*	Bon Pui/Kenduara sak	Convolvulaceae	NE	
9	*Smilax aspera*		Smilacaceae	LC	
10	*Solena amplexicaulis*		Cucurbitaceae	NE	
11	*Stephania elegans*		Menispermaceae	NE	
12	*Tylophora indica*	Antamul	Apocynaceae	NE	
13	*Vigna radiata*	Mug	Fabaceae	LC	
14	*Vigna trilobata*	Mas kolai/Bon mug	Fabaceae	NE	

Table 210: Plot wise **scrambler, creeper and twiner** species diversity with individual count of all 14 permanent plots in lateritic South Bengal

Permanent Plot	No. of scrambler, creeper and twiner Species	No. of scrambler, creeper and twiner individuals
Gidhni	3	120
Arabari	3	101
Kankrajhore	6	348
Bundwan	7	369
Sutan	6	422
Md Bazar	7	753
Kanksa	6	204
Tirat-Asansole	5	674
Garh Panchkot	8	709
Chandabila-Topoban	5	175
Susunia	7	268
Panchet	6	285
Hoomgarh	7	277
Matha	3	205
Total		**4910**

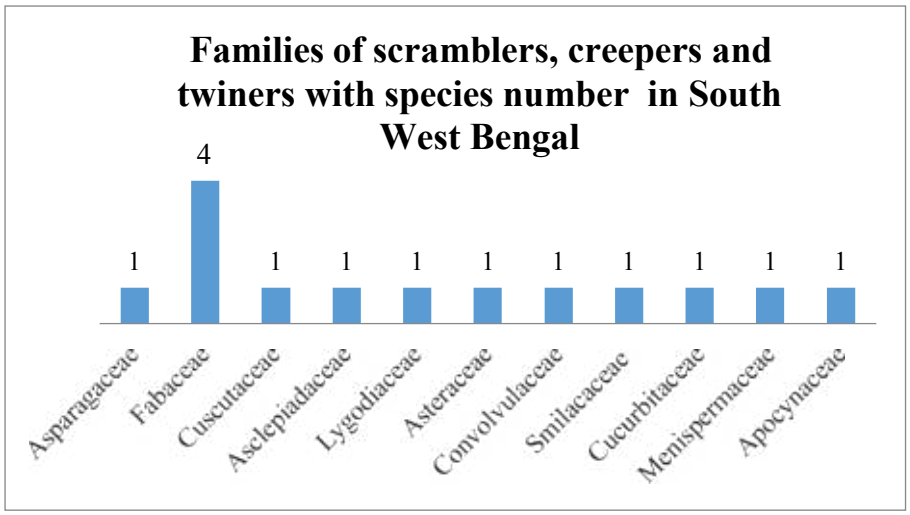


Figure 114: Families with number of scrambler, creeper and twiner species documented in South West Bengal Plots

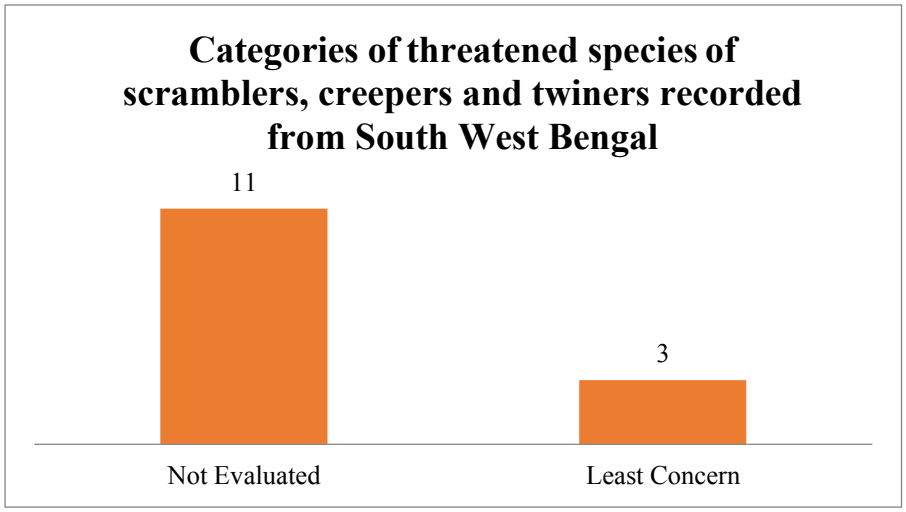


Figure 115: Categories of threatened species of **scrambler, creeper and twiner** recorded in South West Bengal Plots

Table 211: Comparative scrambler, creeper and twiner species diversity among all 14 permanent plots

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	Arabari	0.57	0.95	Low
2	Tirat-Asansole	0.71	1.33	Low
3	Bundwan	0.81	1.74	Moderate
4	Chandabila-Topoban	0.7	1.36	Low
5	Garh Panchkot	0.76	1.63	Moderate
6	Gidhni	0.66	1.08	Low
7	Hoomgarh	0.64	1.38	Low
8	Sutan	0.81	1.73	Moderate
9	Kankrajhore	0.69	1.39	Low
10	Kanksa	0.74	1.47	Low
11	Matha	0.62	1.01	Low

12	MD Bazar	0.74	1.49	Low
13	Panchet	0.62	1.26	Low
14	Susunia	0.62	1.24	Low

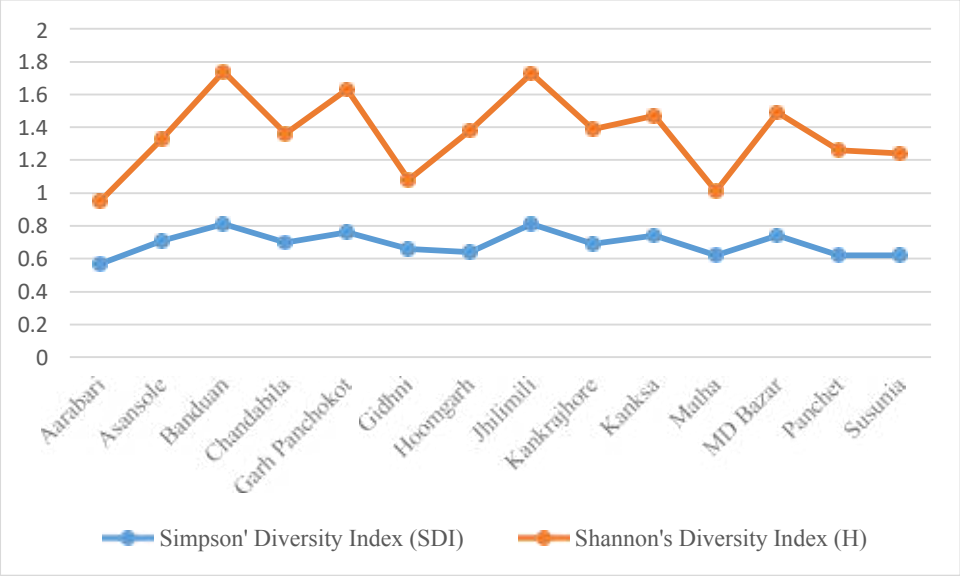


Figure 116: Comparison of Scrambler, creeper and twiner species richness and various diversity indices

Findings:

A total of 4910 individuals of 14 scrambler, creeper and twiner species under 11 families were recorded from all South West Bengal Plots.

Maximum diversity of scrambler, creeper and twiner species (8) was recorded from the permanent plot at Garh Panchkot, whereas plots at Gidhni, Arabari and Matha were found to sustain minimum number of Scrambler, creeper and twiner species (3 each). Maximum number of scrambler, creeper and twiner individuals (753) was recorded from MD Bazar and only 101 scrambler, creeper and twiner individuals were recorded from Arabari which is the lowest among all.

The permanent plots at Bundwan, Sutan and Garh Panchkot were found to have moderate diversity of scrambler, creeper and twiner species. On the other hand, plots at Arabari, Asansole, Chandabila Topoban, Gidhni, Hoomgarh, Kankrajhore, Kanksa, MD Bazar, Panchet, Susunia and Matha represented low diversity of scrambler, creeper and twiner species.

The most dominating family in the scrambler, creeper and twiner flora was Fabaceae represented by 4 species. Rest of the families were represented by single species.

Three species of scrambler, creeper and twiner was included in Least Concern category and 11 species were categorized as Not Evaluated in IUCN Red List.

β- Diversity:

Table 212: Jaccard similarity index between the permanent plots in South West Bengal

Plots	Arabari	Tirat-Asansole	Bundwan	Chandabila Topoban	Garh Panchkot	Gidhni	Hoomgarh	Sutan	Kankrajhore	Kanksa	Md. Bazar	Matha	Panchet	Susunia
Arabari	1.00	0.36	0.35	0.34	0.32	0.24	0.24	0.35	0.35	0.19	0.33	0.27	0.29	0.23
Tirat-Asansole	0.36	1.00	0.43	0.43	0.43	0.29	0.30	0.50	0.56	0.25	0.46	0.31	0.38	0.37
Bundwan	0.35	0.43	1.00	0.57	0.41	0.29	0.32	0.59	0.55	0.27	0.43	0.33	0.43	0.33
Chandabila-Topoban	0.34	0.43	0.57	1.00	0.41	0.27	0.34	0.53	0.52	0.23	0.44	0.36	0.47	0.36
Garh Panchkot	0.32	0.43	0.41	0.41	1.00	0.21	0.25	0.41	0.40	0.20	0.31	0.28	0.31	0.30
Gidhni	0.24	0.29	0.29	0.27	0.21	1.00	0.34	0.30	0.32	0.24	0.33	0.23	0.39	0.34
Hoomgarh	0.24	0.30	0.32	0.34	0.25	0.34	1.00	0.32	0.33	0.23	0.48	0.25	0.46	0.46
Jhilimili	0.35	0.50	0.59	0.53	0.41	0.30	0.32	1.00	0.66	0.27	0.42	0.36	0.40	0.34
Kankrajhore	0.35	0.56	0.55	0.52	0.40	0.32	0.33	0.66	1.00	0.26	0.48	0.34	0.42	0.36
Kanksa	0.19	0.25	0.27	0.23	0.20	0.24	0.23	0.27	0.26	1.00	0.32	0.25	0.29	0.27
Md. Bazar	0.33	0.46	0.43	0.44	0.31	0.33	0.48	0.42	0.48	0.32	1.00	0.27	0.52	0.44
Matha	0.27	0.31	0.33	0.36	0.28	0.23	0.25	0.36	0.34	0.25	0.27	1.00	0.34	0.31
Panchet	0.29	0.38	0.43	0.47	0.31	0.39	0.46	0.40	0.42	0.29	0.52	0.34	1.00	0.40
Susunia	0.23	0.37	0.33	0.36	0.30	0.34	0.46	0.34	0.36	0.27	0.44	0.31	0.40	1.00

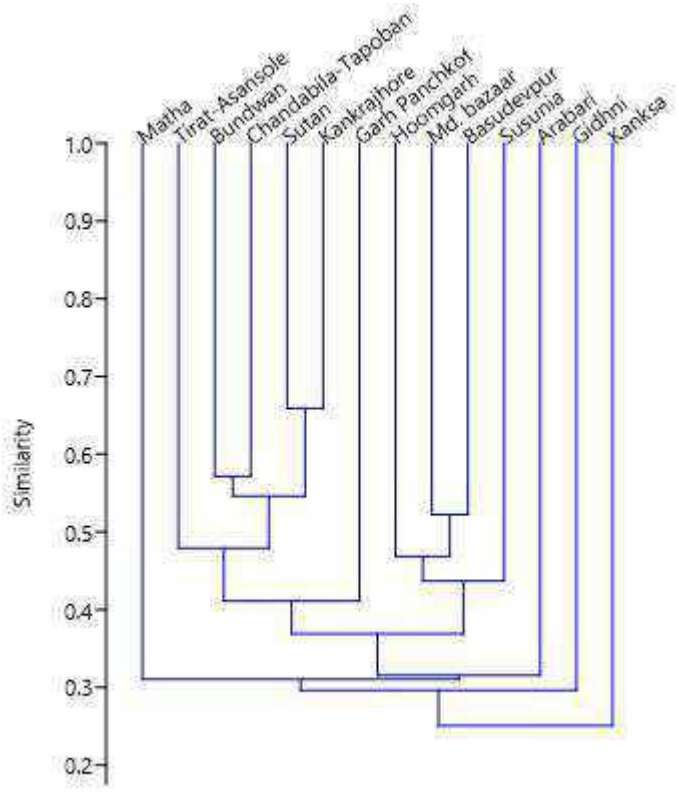
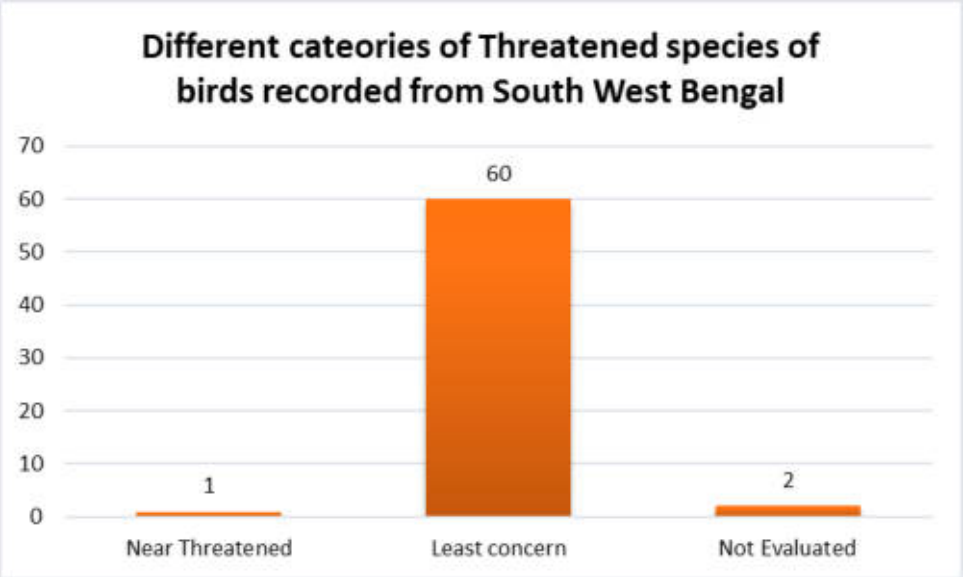


Figure 117: Dendrogramme showing vegetation similarity clustering among all the permanent plots in south West Bengal

β-diversity analysis through Jaccard's similarity index revealed that the permanent plot at Kanksa exhibited completely different forest vegetation than rest of the 13 permanent plots in South West Bengal. The dendrogram also reflected that permanent plots at Asansole, Bundwan, Chandabila Topoban, Sutan, Kankrajhore, Garh Panchkot, Hoomgarh, MD Bazar, Panchet and Susunia shared similar type of vegetation (miscellaneous vegetation). Permanent plots at Arabari, Matha and Gidhni represented a fare bit of vegetation dissimilarity with other studied plots.

f. Associated Birds:



Findings:

A total of 63 bird species were documented from all the 14 permanent plots and adjacent areas in Lateritic South Bengal during this study. The Black hooded Oriole was the most common bird occurring at all the plots. This was followed by the Jungle Babbler sighted at 11 plots and the Common Tailor Bird documented at 9 plots. Of the total of 63 species of birds recorded from South Bengal the highest number of species–documented were from Tirat- Asansole (23), followed by Arabari (19) and Matha (16). The lowest numbers of bird species documented were at Chandabila-Tapoban and Susunia (5 each). Among the 63 bird species only the Alexandrine Parakeet is listed in IUCN as Near Threatened (NT) and the Cinereous Tit and the Indian Jungle Crow are listed as Not Evaluated (NE) while the 60 species are listed as Least Concern (LC).

CHAPTER 2
NORTH BENGAL PLAINS

1. INTRODUCTION

North Bengal is a term that is generally used for the northern part of West Bengal, India and the north-western part of Bangladesh. This northern region of West Bengal part comprises of two Divisions, the Jalpaiguri Division (Alipurduar, Cooch Behar, Darjeeling, Jalpaiguri and Kalimpong) and the Malda Division (North Dinajpur, South Dinajpur and Malda).Traditionally, the river Ganga divides the whole of West Bengal into South Bengal and North Bengal, the latter divided into Terai and Dooars regions.

The study area is situated in the Western Dooars part of North Bengal Plains. 'Dooars' or 'Duars' are the foothills of the eastern Himalayas in North-East India around Bhutan, which means 'door' forming the gateway to Bhutan from India. This region is divided by the Sankosh River into the Eastern and the Western Dooars. The Western Dooars is referred to as the Bengal Dooars while the Eastern Dooars as the Assam Dooars. The Dooars region constitutes the plains of Darjeeling Himalayas, comprising of the whole of Jalpaiguri and Alipurduar districts, at an altitude ranging from 90 to 1,750 m above sea level.

The region is dissected north–south by swift flowing rivers and alluvial floodplains that drain into the Brahmaputra–Gangetic river basins. Rivers mainly originate in the sub- and higher Himalayas and flow north to south. Most of these rivers are flood prone and some change their course regularly, resulting in alluvial floodplains. The major river is the Teesta besides many other important ones like the Torsa, Jaldhaka, Murti, Sankosh, Diana, Karatoya, Raidak and Kaljani.

Monsoon generally begins from the middle of May and continues till the end of September. The average rainfall of the area is about 3,400 mm. Winters are cold with foggy mornings and nights. Summer is mild and constitutes a very short period of the year. The average highest temperature is around 32°-35°C in summer and 5°-7°C in the winter season. The highest temperature was recorded 41.7°C in the month of April till now while recorded lowest temperature was in the month of December and January with as low as 1.9°C.

The Dooars region is spread over a mixture of Sub-Himalayan foothills, Bhabar and an alluvial plain. The Sub-Himalayan foothills, at an elevation of about 1200 m, are made up mostly from the erosion of geologic material from the rising Himalayas mountains formation. The soils here are clay to sandy loam in texture. The landscape is mostly covered with alluvium, except for a narrow belt of hard rocks exposed along the northern border of the area contiguous with the Bhutan hills.

This region holds the maximum protected areas in West Bengal (3 national Parks, 4 wildlife Sanctuaries, 1 Tiger Reserve, 1 Elephant reserve, and other unclassified forests). Among these important protected areas are Buxa Tiger Reserve, Jaldapara National Park, Gorumara National Park, Mahananda Wildlife Sanctuary and Eastern Dooars Elephant Reserve.

The region harbours a mixture of natural and man-made forests with a high diversity of plants. According to Champion and Seth (1968) there are nine major natural vegetation types: (1) evergreen forests (northern tropical evergreen forest); (2) semi-evergreen forests (eastern sub-montane semi-evergreen forest); (3) hill forests (east Himalayan subtropical wet hill forest); (4) wet mixed deciduous forest (sub-Himalayan secondary wet mixed forest); (5) dry mixed forests (east Himalayan moist mixed deciduous forest); (6) sal forests (eastern Bhabar and Terai sal); (7) riverine forests (northern dry deciduous forest); (8) savanna (moist sal savanna and low alluvium savannah woodland); and (9) grassland (eastern alluvial grassland). Besides these, man-made plantations of several species such as teak (*Tectona grandis*), sal (*Shorea robusta*) and mixed plantation of species such as jarul (*Lagerstroemia speciosa*), gamari (*Gmelina arborea*) and *Cassia sp*. are also found.
The 10 permanent monitoring plots (Table: 213) identified by the Forest Department, belong to Jalpaiguri, Baikunthapur Forest Divisions under Northern Circle; Gorumara (WL-II), Jaldapara (WL-

III) Divisions under Wildlife North Circle and Buxa TR (West) and Buxa TR (East) Divisions under FD, BTR Circle. All these are confined to Jalpaiguri and Alipurduar Districts only.

2. STUDY SITES

Alipurduar District:

Alipurduar district lies between 26.4°N to 26.83°N and 89°E to 89.9°E consisting of 3,136 km^2 (1,211 sq mi) area. The district shares its borders with Bhutan internationally on the northern side, with the state of Assam in the eastern side, and with Coachbehar and Jalpaiguri Districts on its southern and western part.

Out of 10 permanent plots 6 of these belong to Alipurduar district in 2 protected areas viz. Buxa Tiger Reserve (4 plots) and Jaldapara National Park (2 plots).

***Buxa Tiger Reserve*:**
The 4 permanent plots were NRVK (North Raja Vat Khawa), Santalabari, Adma and Cheko situated in Buxa Tiger Reserve. The first two plots come under the jurisdiction of Buxa Tiger Reserve East Division, while the last two belong to the Buxa Tiger Reserve West Division.

Buxa Tiger Reserve lies between 89°25′–89°55′N and 26°30′–23°50′E, and encompasses an area of 761 km^2. The important Rivers that flow across the reserve are Jayanti, Bala, Sankosh, Raidak, Kaljani etc.

More than 300 species of trees, 250 species of shrubs, 400 species of herbs, 9 species of cane, 10 species of bamboo, 150 species of orchids, 100 species of grass and 130 species of aquatic flora including more than 70 sedges (Cyperaceae) have been identified so far from this place. There are more than 160 species of other monocotyledons and ferns found in this Tiger Reserve.

The generic diversity of mammals is the second highest among all the tiger reserves in India. The Reserve comprises of a rich avifauna of more than 230 identified species, 67 mammals and 36 species of reptiles.

NRVK is situated under Jayanti Range, on eastern side of the Bala River and about 3 km from Jayanti village where one of the permanent plots is located.

The second permanent plot is situated at Santalabari area which is located under Buxaduar Range, just southern side of Buxa Fort area in moderately elevated land.

The Adma forest area located under Pana Range, in the northern side of the Tiger Reserve in the foothills of Bhutan from where the hilly parts of the Tiger reserve starts is where the third permanent plot was located.

The last and fourth permanent plot in Buxa was situated in Cheko which is located under East Damanpur Range, on southern side of Buxa Tiger Reserve West.

Jaldapara National Park:
Mendabari and Titi were the places where the other two permanent plots were located under the jurisdiction of Jaldapara National Park.

This National Park lying between the latitudes 25°58''and 27°45''N and longitudes 89°08'' and 89°55''E comprises of 216.51 km^2 area. This park is famous for the One Horned Rhino. The Park situated in the embankment of river Torsa. Other important rivers are Buritorsa, Hollong, Sissamara etc.

It contains a total of 585 identified species of flowering plants which belong to 429 genera and 111 families. Out of them, 71 are grass species, 19 are orchid species and 47 endangered plant species (29 genera) which are of conservation importance. Moreover, it contains many Pteridophytes, Bryophytes, Algae, Fungi and Lichens.

Jaldapara has 33 species of carnivores & herbivores, approximately 246 species of birds, 29 species of reptiles, 8 species of turtles, 54 species of fishes and a host of other micro fauna.

One of the two permanent plots was situated in Mendabari which is located under Chilapata Range on the south eastern side of Jaldapara National Park while the other permanent plot was located in Titi forest which is situated in the Northern side of Jaldapara National Park under Lankapara Range.

Jalpaiguri District:

The district is located between 26°16' and 27°0' North latitude and 88°4' and 89°53' East longitude. It shares international borders with Bhutan and Bangladesh in the northeast and south respectively. The remaining borders are shared with the district of Darjeeling in the west & northwest, Kalimpong district in the north, Coachbehar district in the Southeast and Alipurduar district in the west. Gorumara National Park, Baikunthapur Forest etc are situated in this district.

Four permanent plots belonging to this district in 3 forest areas *viz*. Gorumara National Park, Jalpaiguri territorial forest and Baikunthapur forest Division had been identified by the Silviculture Division (North), Forest Department of West Bengal.

Gorumara National Park:
The National Park is situated between latitude 26°47'12.5"N to 26°43'25.6"N and longitude 88°52'4.2"E to 88°47'7.3"E with a total area of over 90 Sq Km, on the flood plains of the Murti and Jaldhaka River. This park is primarily known for its population of Indian Rhinoceros.

Gorumara National Park has a total of 326 identified plant species (trees -158, herbs - 35, shrubs - 77, grasses - 32, climbers - 15 and orchids - 9).

Other than the floral species the park has recorded fifty species of mammals, 194 species of birds, 22 species of reptiles, 7 species of turtles, 27 species of fish, and other macro and micro fauna.

Two permanent plots, one at Barahati which is located in Budhram Beat of Gorumara South Range and the other at South Indong area located under Gorumara Beat of Gorumara South Range were chosen for the study.

Baikunthapur Forest Division:
Baikunthapur Forest Division (257.13 km^2) is located at Teesta river bed under Jalpaiguri district and lies between 26°30' and 27°00' north latitude and 88°20' and 88°40' east longitude. The Mahananda Wildlife Sanctuary is located on its Western side while the Gorumara National Park forms the Eastern side. The Baikunthapur Forest Division comprises of two parts i.e. Baikunthapur and Apalchand. The Baikunthapur part of the division lies in the Terai planes while the Apalchand part falls in the western Dooars below the Himalaya's.

Other than the Teesta River, tributaries like Chel, Kasola, Karatowa, Sau, Talma, Tapa, Chawa, Chenga, and Neem flow through this division.

The permanent plot at Sealdoba is situated in Targhera Range of Apalchand Part under this division.

Jalpaiguri Territorial Forest Division:
This forest division has a very rich floral diversity and a treasure of valuable natural resources. The forest Division includes eight territorial forest ranges, namely Ramsai Range, Lataguri Range, Chalsa Range, Diana Range, Moraghat Range, Dalgaon Range, Nathua Range and Banarhat Range. The Lataguri range is very close to the river Jaldhaka. In addition, Murti, and Diana River are also very close to the forest range. It is in on the western side of the Gorumara National Park, across the National Highway 31.

The remaining permanent plot in Jalpaiguri Territorial Forest Division is located at Sursuti forest area which comes under Lataguri Range.

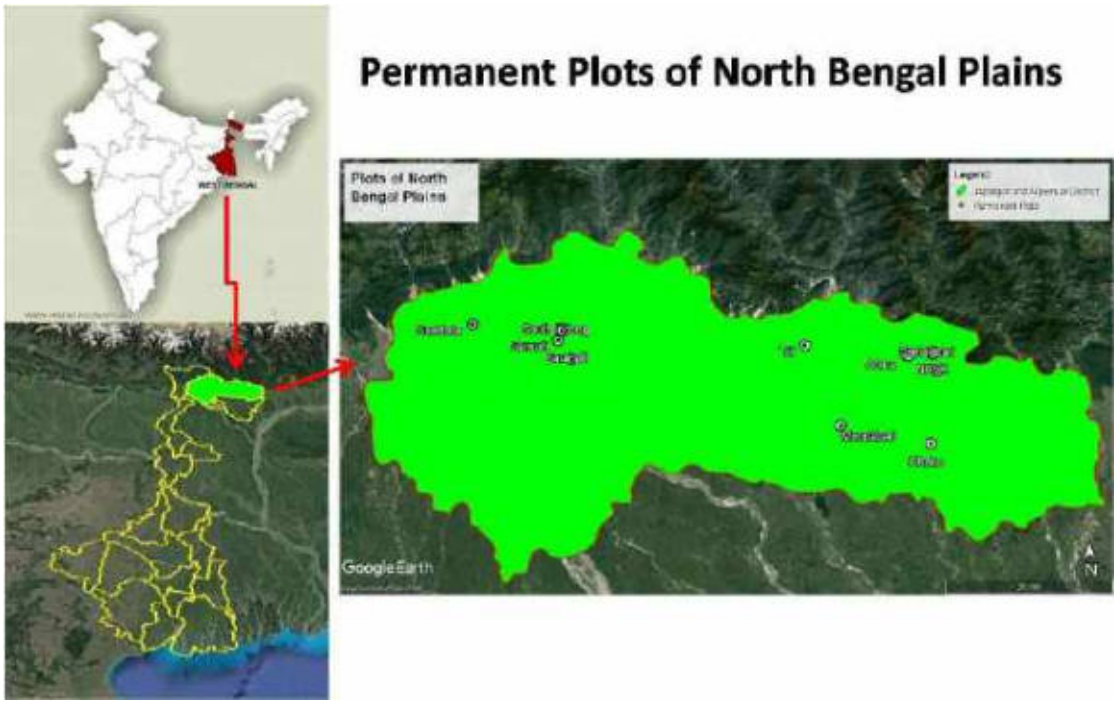


Figure 118: Map of the Study Area

3. METHODOLOGY (OTHER THAN GENERAL METHODS)

Parallel plots (500m*200m): In Adma, Cheko, NRVK, Santalabari of Buxa Tiger Reserve and Mendabari of Jaldapara Forest Division, due to nonavailability of a continuous 1000mX100m permanent plot, two permanents plots of 500mX100m parallel to each otherwere chosen, based on the KML maps were provided by the Forest Officials of Silviculture North.

4. DISCUSSION WITH FOREST OFFICIALS:

Discussions with all the respective Forest Officials were made during the study. All the studies were carried out under the supervision of the respective Forest Division.

5. FIELD TRIPS:

Table 213: Permanent plots of North Bengal plains

North Bengal Plains					
Sl. No.	**Forest Division**	**District**	**Location**	**Plots**	**Dates of Study**
1	Baikunthapur	Jalpaiguri	Sealdoba-Gazoldoba	1	29th Jan to 1st Feb,2021
2	Buxa TR (East)	Alipurduar	NRVK	1	18th to 21st Feb, 2021
3	Buxa TR (West)	Alipurduar	Cheko	1	22nd to 24th Feb, 2021
4	Gorumara (WL-II)	Jalpaiguri	Barahati	1	22nd to 25th Feb, 2021
5	Jalpaiguri	Jalpaiguri	Sursuti	1	26th to 28th Feb, 2021
6	Gorumara (WL-II)	Jalpaiguri	South Indong	1	26th to 28th Feb, 2021
7	Buxa TR (West)	Alipurduar	Adma	1	10th to 12th March, 2021
8	Buxa TR (East)	Alipurduar	Santalabari	1	13th to 14th March, 2021
9	Jaldapara (WL-III)	Alipurduar	Mendabari	1	13th to 15th March, 2021
10	Jaldapara (WL-III)	Alipurduar	Titi	1	16th to 18th March, 2021
	Total			**10**	

6. RESULTS

6.1. PERMANENT PLOT: SEALDOBA

6.1.1. NAME AND LOCATION OF THE AREA

- District: Jalpaiguri
- Division: Baikunthapur
- Range: Targhera
- Beat: Gazoldoba
- Block: Sealdoba 2

The first field trip in North Bengal Plains was undertaken to Sealdoba-2 block under Targhera Range of Baikunthapur Forest Division during 29th January to 1st February, 2021.

Baikunthapur Reserve Forest (257.13 km^2) is located at Teesta river bed under Jalpaiguri district and lies between 26°30' and 27°00' north latitude and 88°20' and 88°40' east longitude, with an annual rainfall of 382 cm. The Mahananda Wildlife Sanctuary is located on its Western side while the Gorumara National Park forms the Eastern side. This Reserve Forest area is subdivided into six different forest ranges namely Ambari, Sarugara, Apalchand, Targhera, Belacoba, and Dabgram.

Being situated between two important Protected Areas, this forest is an extremely important ecological zone and provides habitat and corridors to many wild animals, such as Elephant, Barking Deer, Hog Deer, Gaur, Chital, Wild Boar etc as well as many important avifauna. The Forest is characterized as riverine grassland and moist deciduous forest. The vegetation in these forests is mostly dominated by Sal (*Shorea robusta*), Kadam (*Anthocephalus cadamba*), Sada Siris(*Albizzia procera*), Simul (*Bombax ceiba*), Khair (*Acacia catechu*), Chalta (*Dillenia indica*), Lali (*Aglaia spectabilis*), Chilauney (*Schima wallichii*) etc.

Figure 119: Permanent plot selected at Sealdoba

6.1.2. Ground survey

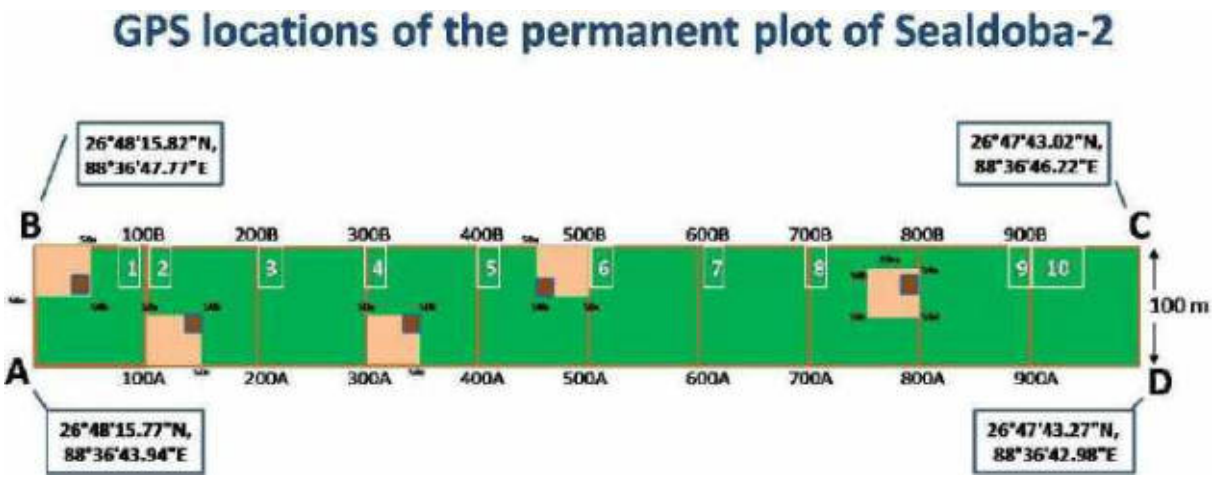


Figure 120: GPS location of the plot with schematic diagram of chosen subplots in Sealdoba

Table 214: Latitude / Longitude of all the Subplots in Sealdoba

Subplot points	Latitude	Longitude	Tree Name
100A	26°48'12.77"N	88°36'43.60"E	Bohera
100B	26°48'12.64"N	88°36'47.89"E	Phirphire
200A	26°48'9.26"N	88°36'43.63"E	Jarul
200B	26°48'9.09"N	88°36'47.95"E	Chilauney
300A	26°48'6.03"N	88°36'43.63"E	Kawla
300B	26°48'5.97"N	88°36'47.84"E	Sadajaam
400A	26°48'2.89"N	88°36'43.42"E	Kawla
400B	26°48'2.62"N	88°36'47.20"E	Tatari
500A	26°47'59.47"N	88°36'43.38"E	Jarul
500B	26°47'59.50"N	88°36'46.96"E	Chhatim
600A	26°47'56.14"N	88°36'43.20"E	Sal
600B	26°47'56.41"N	88°36'46.85"E	Phirphire
700A	26°47'53.06"N	88°36'43.01"E	Sal
700B	26°47'53.20"N	88°36'47.12"E	Chilauney
800A	26°47'49.98"N	88°36'42.95"E	Sal
800B	26°47'49.93"N	88°36'46.91"E	Odal
900A	26°47'46.46"N	88°36'42.84"E	Sal
900B	26°47'46.34"N	88°36'46.49"E	Goyelo

Table 215: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Sealdoba

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°48'14.02"N	88°36'47.58"E	26°48'14.13"N	88°36'45.70"E
	50b	26°48'14.00"N	88°36'45.58"E		
	50c	26°48'15.72"N	88°36'45.68"E		
Subplot 2	50a	26°48'12.77"N	88°36'45.64"E	26°48'11.35"N	88°36'45.37"E
	50b	26°48'11.22"N	88°36'45.53"E		
	50c	26°48'11.33"N	88°36'43.65"E		
Subplot 4	50a	26°48'5.92"N	88°36'45.67"E	26°48'4.41"N	88°36'45.33"E
	50b	26°48'4.26"N	88°36'45.54"E		
	50c	26°48'4.40"N	88°36'43.61"E		
Subplot 5	50a	26°48'1.06"N	88°36'47.21"E	26°48'0.82"N	88°36'45.59"E
	50b	26°48'1.09"N	88°36'45.35"E		
	50c	26°47'59.43"N	88°36'45.28"E		
Subplot 8	50a	26°47'49.66"N	88°36'46.35"E	26°47'49.84"N	88°36'45.60"E
	50b	26°47'50.97"N	88°36'46.28"E		
	50c	26°47'50.98"N	88°36'44.32"E		
	50d	26°47'49.84"N	88°36'44.40"E		

6.1.3. Inventorization of Flora

Table 216: Documentation of all tree species in all the Subplots in Sealdoba

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp4	Sp5	Sp8	Total
1	*Ailanthus integrifolia*	Gokul/ Gokul Lali		4	4	5	1	**14**
2	*Albizia chinensis*	Sirish	1					**1**
3	*Albizia procera*	Sada Sirish/Swet Sirish					4	**4**
4	*Alstonia scholaris*	Chatiyan/Chatim	4	3	6	9	4	**26**
5	*Amoora wallichii*	Doodh Lali/ Lali	17	22	56	22	20	**137**
6	*Artocarpus chaplasha*	Later/Lator	6					**6**
7	*Artocarpus lacucha*	Bon Kathal					1	**1**
8	*Azadirachta indica*	Neem	1					**1**
9	*Baccaurea ramiflora*	Notko/Lotka	6	14	8	8	11	**47**
10	*Balakata baccata*	Akhataru/Akhataruwa			1	8	6	**15**
11	*Bischofia javanica*	Kainjal	3					**3**
12	*Bridelia retusa*	Kosai/ Gayo			1		1	**2**
13	*Callicarpa arborea*	Bogdo/Khodo	4	1		3	15	**23**
14	*Careya arborea*	Kumbhi		1		3	1	**5**
15	*Casearia vareca*	Sada lali	8	4		1		**13**
16	*Castanopsis hystrix*	Katus	25	59	10	22	55	**171**
17	*Celtis tetrandra*	Kari/kuri				2		**2**
18	*Chukrasia tabularis*	Chikrasi/ chekrasi	3					**3**

19	*Citrus indica*	Ramsantala/ junglee komola				5	4	**9**
20	*Dillenia indica*	Chalta	6	1				**7**
21	*Dillenia pentagyna*	Tatari/bon chalta	16		13	6	4	**39**
22	*Duabanga grandiflora*	Lampate	17	18	10	5	4	**54**
23	*Dysoxylum Cheko*	Lahasune/ rasune	1			1		**2**
24	*Elaeocarpus serratus*	Jalpai	10				8	**18**
25	*Eurya acuminata*	Jhingney katoos		7				**7**
26	*Ficus carica*	Dumber	1					**1**
27	*Ficus geniculata*	Futkol	1					**1**
28	*Firmiana colorata*	Phirphirey		90				**90**
29	*Gmelina arborea*	Gamar/gamari/gambhir/gamarchika	1		6	2		**9**
30	*Ilex godajam*	Hatisura		3	1	2	6	**12**
31	*Lagerstroemia parviflora*	Baaje/sidha		1	3	6	5	**15**
32	*Lagerstroemia speciosa*	Jarul	5	5	13	22	9	**54**
33	*Lannea coromandelica*	Jiga / jeol/ jiya			7	9	4	**20**
34	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali	2			11	1	**14**
35	*Macaranga denticulata*	Maleta/malata				2	2	**4**
36	*Machilus gamblei*	Kawla/ampate/ampate kawla			16	23	21	**60**
37	*Magnolia champaca*	Chaamp	6			2		**8**
38	*Mallotus nudiflorus*	Pithali/laddu / goypokhna			21	2	3	**26**
39	*Mallotus philippensis*	Sindoori/sindure/sindoor/githi					3	**3**
40	*Neolamarckia cadamba*	Kadam	1		1			**2**
41	*Oroxylum indicum*	Totola	1			2		**3**
42	*Phyllanthus emblica*	Amloki	1					**1**
43	*Pterospermum acerifolium*	Hatipyla/hatipaila/hatipile				1		**1**
44	*Schima wallichii*	Chiloni/ chilauney	16	25	10	18	43	**112**
45	*Senna siamea*	Minjiri			3		13	**16**
46	*Shorea robusta*	Sal	4	7	1	6	14	**32**
47	*Sterculia villosa*	Udla / odal	1	1	1	4	2	**9**
48	*Stereospermum tetragonum*	Parari	1			5		**6**
49	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun	8		3	2	6	**19**
50	*Syzygium jambolanum*	Goda jam/kada jam	15	62	13	46	43	**179**
51	*Terminalia arjuna*	Arjun	4	1				**5**
52	*Terminalia bellirica*	Bahera/bhaola	8	4	14	16	10	**52**
53	*Terminalia crenulata*	Pakasal/akasaj	1					**1**
54	*Uvaria hamiltonii*	Tilbiriyo/chilberio		19	7		2	**28**
55	*Wrightia tomentosa*	Doodhia		2	15	14	8	**39**
Total			**205**	**354**	**244**	**295**	**334**	**1432**

Table 217: Statistical analysis of all the Tree Species in Sealdoba

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ailanthus integrifolia*	14	80	2.67	2.80	0.98	3.50	0.79	4.43	**0.94**	**3.21**
2	*Albizia chinensis*	1	20	0.67	0.20	0.07	1.00	0.22	0.96		
3	*Albizia procera*	4	20	0.67	0.80	0.28	4.00	0.90	1.84		
4	*Alstonia scholaris*	26	100	3.33	5.20	1.82	5.20	1.17	6.32		
5	*Amoora wallichii*	137	100	3.33	27.40	9.57	27.40	6.15	19.06		
6	*Artocarpus chaplasha*	6	20	0.67	1.20	0.42	6.00	1.35	2.43		
7	*Artocarpus lacucha*	1	20	0.67	0.20	0.07	1.00	0.22	0.96		
8	*Azadirachta indica*	1	20	0.67	0.20	0.07	1.00	0.22	0.96		
9	*Baccaurea ramiflora*	47	100	3.33	9.40	3.28	9.40	2.11	8.73		
10	*Balakata baccata*	15	60	2.00	3.00	1.05	5.00	1.12	4.17		
11	*Bischofia javanica*	3	20	0.67	0.60	0.21	3.00	0.67	1.55		
12	*Bridelia retusa*	2	40	1.33	0.40	0.14	1.00	0.22	1.70		
13	*Callicarpa arborea*	23	80	2.67	4.60	1.61	5.75	1.29	5.56		
14	*Careya arborea*	5	60	2.00	1.00	0.35	1.67	0.37	2.72		
15	*Casearia vareca*	13	60	2.00	2.60	0.91	4.33	0.97	3.88		
16	*Castanopsis hystrix*	171	100	3.33	34.20	11.9	34.20	7.68	22.96		
17	*Celtis tetrandra*	2	20	0.67	0.40	0.14	2.00	0.45	1.26		
18	*Chukrasia tabularis*	3	20	0.67	0.60	0.21	3.00	0.67	1.55		
19	*Citrus indica*	9	40	1.33	1.80	0.63	4.50	1.01	2.97		
20	*Dillenia indica*	7	40	1.33	1.40	0.49	3.50	0.79	2.61		
21	*Dillenia pentagyna*	39	80	2.67	7.80	2.72	9.75	2.19	7.58		
22	*Duabanga grandiflora*	54	100	3.33	10.80	3.77	10.80	2.43	9.53		
23	*Dysoxylum binectarifolium*	2	40	1.33	0.40	0.14	1.00	0.22	1.70		
24	*Elaeocarpus serratus*	18	40	1.33	3.60	1.26	9.00	2.02	4.61		
25	*Eurya acuminata*	7	20	0.67	1.40	0.49	7.00	1.57	2.73		
26	*Ficus carica*	1	20	0.67	0.20	0.07	1.00	0.22	0.96		
27	*Ficus geniculata*	1	20	0.67	0.20	0.07	1.00	0.22	0.96		
28	*Firmiana colorata*	90	20	0.67	18.00	6.28	90.00	20.22	27.17		
29	*Gmelina arborea*	9	60	2.00	1.80	0.63	3.00	0.67	3.30		
30	*Ilex godajam*	12	80	2.67	2.40	0.84	3.00	0.67	4.18		
31	*Lagerstroemia parviflora*	15	80	2.67	3.00	1.05	3.75	0.84	4.56		
32	*Lagerstroemia speciosa*	54	100	3.33	10.80	3.77	10.80	2.43	9.53		
33	*Lannea coromandelica*	20	60	2.00	4.00	1.4	6.67	1.50	4.89		
34	*Litsea monopetala*	14	60	2.00	2.80	0.98	4.67	1.05	4.03		
35	*Macaranga denticulata*	4	40	1.33	0.80	0.28	2.00	0.45	2.06		
36	*Machilus gamblei*	60	60	2.00	12.00	4.19	20.00	4.49	10.68		
37	*Magnolia champaca*	8	40	1.33	1.60	0.56	4.00	0.90	2.79		
38	*Mallotus nudiflorus*	26	60	2.00	5.20	1.82	8.67	1.95	5.76		
39	*Mallotus philippensis*	3	20	0.67	0.60	0.21	3.00	0.67	1.55		
40	*Neolamarckia cadamba*	2	40	1.33	0.40	0.14	1.00	0.22	1.70		
41	*Oroxylum indicum*	3	40	1.33	0.60	0.21	1.50	0.34	1.88		

42	*Phyllanthus emblica*	1	20	0.67	0.20	0.07	1.00	0.22	0.96
43	*Pterospermum acerifolium*	1	20	0.67	0.20	0.07	1.00	0.22	0.96
44	*Schima wallichii*	112	100	3.33	22.40	7.82	22.40	5.03	16.19
45	*Senna siamea*	16	40	1.33	3.20	1.12	8.00	1.80	4.25
46	*Shorea robusta*	32	100	3.33	6.40	2.23	6.40	1.44	7.01
47	*Sterculia villosa*	9	100	3.33	1.80	0.63	1.80	0.40	4.37
48	*Stereospermum tetragonum*	6	40	1.33	1.20	0.42	3.00	0.67	2.43
49	*Syzygium cumini*	19	80	2.67	3.80	1.33	4.75	1.07	5.06
50	*Syzygium jambolanum*	179	100	3.33	35.80	12.5	35.80	8.04	23.88
51	*Terminalia arjuna*	5	40	1.33	1.00	0.35	2.50	0.56	2.24
52	*Terminalia bellirica*	52	100	3.33	10.40	3.63	10.40	2.34	9.30
53	*Terminalia crenulata*	1	20	0.67	0.20	0.07	1.00	0.22	0.96
54	*Uvaria hamiltonii*	28	60	2.00	5.60	1.96	9.33	2.10	6.05
55	*Wrightia tomentosa*	39	80	2.67	7.80	2.72	9.75	2.19	7.58

a. Tree Species:

1432 trees under 55 tree species were documented from this permanent plot situated at Sealdoba. The dominant species in this plot were *Firmiana colorata* (IVI = 27.17), *Syzygium jambolanum* (IVI = 23.88), *Castanopsis hystrix* (IVI = 22.96), *Amoora wallichii* (IVI = 19.06), *Schima wallichii* (IVI = 16.19) and *Machilus gamblei* (IVI = 10.68).

The highest number of individual trees documented was seen in *Syzygium jambolanum* (179 trees) followed by *Castanopsis hystrix* (171 trees), *Amoora wallichii* (137 trees) and *Schima wallichii* (112 trees).

Subplot 6 had 38 species of the 55 tree species mostly contributed by *Wrightia tomentosa* (39 individuals) and *Dysoxylum binectariferum* (38 individuals).

Alstonia scholaris, Amoora wallichii, Baccaurea ramiflora, Castanopsis hystrix, Duabanga grandiflora, Lagerstroemia speciosa, Schima wallichii, Shorea robusta, Sterculia villosa, Syzygium jambolanum and *Terminalia bellirica* were found to have the highest frequency (100%) as they were found in varying numbers in all the 5 subplots, whereas *Albizia chinensis, Albizia procera, Artocarpus chaplasha, Artocarpus lacucha, Azadirachta indica, Bischofia javanica, Celtis tetrandra, Chukrasia tabularis, Eurya acuminate, Ficuscarica, Ficus geniculate, Firmiana colorata, Mallotus philippensis, Phyllanthus emblica, Pterospermum acerifolium* and *Terminalia crenulata* had the lowest frequency (20%), as they were found in only one of the subplots. Of these trees *Albizia chinensis, Artocarpus lacucha, Azadirachta indica, Ficus carica, Ficus geniculata, Phyllanthus emblica, Pterospermum acerifolium* and *Terminalia crenulata* were documented as a single individual in which ever subplot that they occurred.

The Simpson's Diversity Index (0.94) and Shannon's Diversity Index (3.21) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 94% chance that 2 individuals selected at random from this plot would be from different tree species.

Shorea robusta was recorded as the tallest tree with a height of 45.72 m and a maximum GBH of 368.30 cm (subplot-4) and *Lagerstroemia parviflora* was recorded as the shortest tree with a height of 4.57 m and GBH of 27.94 cm (subplot-2) (Table: 218).

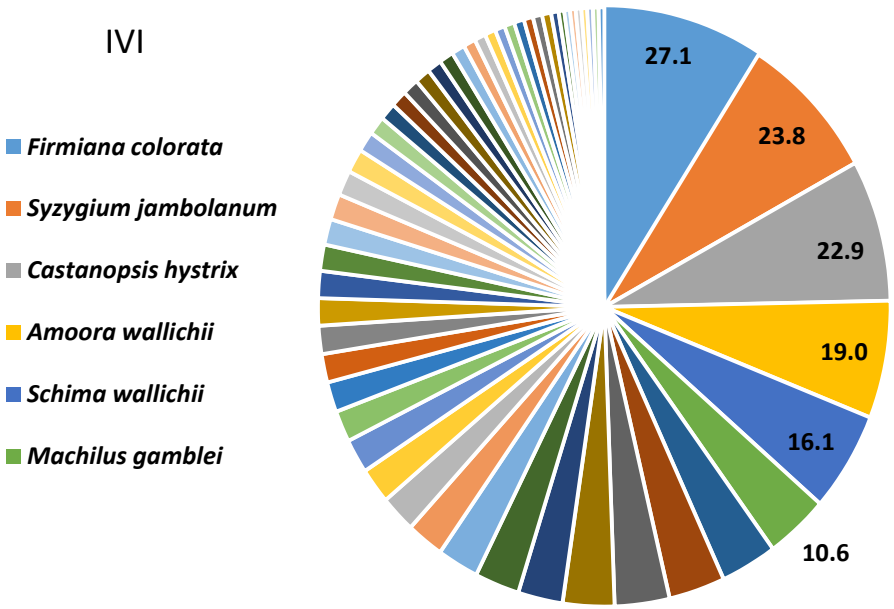


Figure 121: IVI Values of Dominant Tree Species in Sealdoba

Table 218: Average Height and GBH data of all the subplots in Sealdoba

Sl. No.	Scientific Name	SP 1		SP 2		SP 4		SP 5		SP 8	
		AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)
1	*Ailanthus integrifolia*			28.19	130.18	13.26	44.45	17.31	62.99	7.32	33.02
2	*Albizia chinensis*	12.19	43.18								
3	*Albizia procera*									27.81	97.16
4	*Alstonia scholaris*	10.21	45.72	12.19	60.96	13.46	64.34	13.51	107.24	20.96	139.70
5	*Amoora wallichii*	20.08	92.18	14.62	77.24	16.57	99.92	14.92	110.13	15.53	93.85
6	*Artocarpus chaplasha*	36.17	241.73								
7	*Artocarpus lacucha*									13.11	40.64
8	*Azadirachta indica*	7.62	45.72								
9	*Baccaurea ramiflora*	7.37	29.64	8.49	39.73	7.47	44.15	7.24	43.82	6.35	32.33
10	*Balakata baccata*					7.62	35.56	11.35	79.07	18.95	147.75
11	*Bischofia javanica*	19.30	99.90								
12	*Bridelia retusa*					7.62	40.64			10.67	81.28
13	*Callicarpa arborea*	12.57	60.33	7.62	58.42			6.61	37.26	9.12	56.72
14	*Careya arborea*			7.62	38.10			7.92	36.40	6.10	38.10
15	*Casearia vareca*	22.59	95.89	20.57	85.09			7.62	35.56		
16	*Castanopsis hystrix*	18.53	107.19	15.24	87.15	13.47	69.85	11.26	85.67	14.00	83.13
17	*Celtis tetrandra*							38.10	127.00		
18	*Chukrasia tabularis*	13.72	82.12								
19	*Citrus indica*							14.14	108.71	13.26	113.03
20	*Dillenia indica*	13.46	52.92	18.29	60.96						
21	*Dillenia pentagyna*	16.29	73.51			23.16	182.88	29.92	143.08	21.26	125.73

22	*Duabanga grandiflora*	17.16	72.16	11.60	53.34	8.63	50.29	8.96	60.45	15.70	71.76
23	*Dysoxylum binectarifolium*	21.34	66.04					29.87	157.48		
24	*Elaeocarpus serratus*	24.29	100.58							19.28	85.42
25	*Eurya acuminata*			12.41	56.62						
26	*Ficus carica*	24.38	162.56								
27	*Ficus geniculata*	21.34	167.64								
28	*Firmiana colorata*			16.12	84.76						
29	*Gmelina arborea*	33.53	96.52			21.54	131.65	15.24	158.75		
30	*Ilex godajam*			23.37	76.20	26.82	304.80	15.54	76.20	19.51	82.12
31	*Lagerstroemia parviflora*			4.57	27.94	18.49	75.36	14.94	89.33	14.69	57.91
32	*Lagerstroemia speciosa*	24.99	152.91	16.46	70.10	12.99	68.96	10.63	103.78	13.38	91.16
33	*Lannea coromandelica*					26.30	155.30	17.75	145.34	12.80	124.46
34	*Litsea monopetala*	28.96	153.67					10.17	55.42	38.10	109.22
35	*Macaranga denticulata*							6.86	31.75	8.38	25.40
36	*Machilus gamblei*					13.76	76.53	10.28	63.50	11.66	64.11
37	*Magnolia champaca*	23.37	85.09					12.19	76.20		
38	*Mallotus nudiflorus*					7.75	42.70	9.91	35.56	11.68	59.27
39	*Mallotus philippensis*									10.36	38.10
40	*Neolamarckia cadamba*	33.53	91.44			17.37	91.44				
41	*Oroxylum indicum*	6.10	38.10					8.38	43.18		
42	*Phyllanthus emblica*	9.14	33.02								
43	*Pterospermum acerifolium*							21.34	88.90		
44	*Schima wallichii*	32.71	185.75	25.48	155.65	21.18	129.79	22.54	141.81	21.41	140.77
45	*Senna siamea*					5.08	27.10			17.26	65.66
46	*Shorea robusta*	41.91	234.95	37.01	251.82	45.72	368.30	21.34	234.11	36.03	286.49
47	*Sterculia villosa*	36.58	264.16	19.81	104.14	24.38	279.40	37.95	231.78	32.00	237.49
48	*Stereospermum tetragonum*	18.29	76.20					14.33	93.98		
49	*Syzygium cumini*	18.67	89.22			25.40	198.12	20.73	85.09	8.64	44.87
50	*Syzygium jambolanum*	15.46	66.21	13.08	69.89	13.95	78.74	9.57	53.89	10.13	46.13
51	*Terminalia arjuna*	13.34	46.99	15.24	63.50						
52	*Terminalia bellirica*	13.45	49.53	20.96	91.44	21.64	129.01	19.37	109.70	22.59	122.94
53	*Terminalia crenulata*	22.86	101.60								
54	*Uvaria hamiltonii*			9.87	42.11	7.71	50.06			15.24	102.87
55	*Wrightia tomentosa*			12.19	83.82	11.18	76.53	11.91	62.76	9.79	48.26

Table 219: Documentation of Shrub species (including tree saplings) in all the Subplots in Sealdoba

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp4	Sp5	Sp8	Total
1	*Ailanthus integrifolia*	Gokul		86				**86**
2	*Alsophila gigantea*		15					**15**
3	*Amoora Wallichii*	Lali					46	**46**
4	*Ardisia solanacea*	Chirchitte		245				**245**
5	*Artocarpus chama*	Lator	28				5	**33**
6	*Asimina triloba*	Dudhia				18	14	**32**
7	*Baccaurea ramiflora*	Notko	20	32	9			**61**

8	*Boehmeria macrophylla*	Baghnokh Kata	34			12		**46**
9	*Bridelia retusa*	Daton/ Kosai		60				**60**
10	*Bridelia tomentosa*	Kosai Daton	75		78	72	59	**284**
11	*Caesalpinia cucullata*	Kata lota					5	**5**
12	*Calamus viminalis*	Bet		9				**9**
13	*Calicarpa americana*	Khoskhosi pata			56	84		**140**
14	*Callicarpa arborea*	Bogdo		44				**44**
15	*Canarium indicum*	Mada gach/ Gokuldhup	24					**24**
16	*Careya arborea*	Kumbhi	17				23	**40**
17	*Casearia vareca*	Sada lali				8		**8**
18	*Cinnamomum bejolghota*	Junglee tejpata	35	100			4	**139**
19	*Citrus indica*	Wild orange		32				**32**
20	*Clerodendrum Infortunatum*		248		298	276	78	**900**
21	*Coffea bengalensis*	Chhagol leri	114		170	296	152	**732**
22	*Colebrookea oppositifolia*	Khoskhosi					17	**17**
24	*Duabanga grandiflora*			56		46	27	**129**
25	*Elaeocarpus serratus*	Lampate	26					**26**
26	*Jasminum scandens*	Junglee jalpai	160	343				**503**
27	*Leea indica*	Sikto Lorang	96	77		85		**258**
28	*Lindera benzoin*	Hantu bhanga		153				**153**
29	*Litsea Glutinosa*	Loreng	29			9		**38**
30	*Machilus gamblei*	Potungi				88	29	**117**
31	*Magnolia champaca*	Kawla					7	**7**
32	*Mallotus philippensis*	Champ					26	**26**
33	*Melastoma malabathricum*	Sindure		36		48	30	**114**
34	*Meyna spinosa*	Jatrangi	16					**16**
36	*Phyllanthus reticulatus*	Moyna Kanta			48	53		**101**
37	*Ricinus communis*	Pako	78			26		**104**
38	*Schima wallichii*		96					**96**
40	*Sterculia villosa*	Ruri					7	**7**
41	*Stereospermum tetragonum*	Chiloney					4	**4**
42	*Syzygium jambolanum*	Kumri	80	160				**240**
43	*Terminalia bellirica*	Odla					16	**16**
45	*Urena lobata*	Parari					26	**26**
46	*Uvaria hamiltonii*	Sada Jam				45		**45**
47	*Zyzyphus rugosa*	Bahera		100				**100**
Total			**1191**	**1533**	**659**	**1166**	**575**	**5124**

Table 220: Statistical analysis of all the Shrub Species (including tree saplings) in Sealdoba

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ailanthus integrifolia*	86	20	1.37	68.80	1.68	86.00	3.41	6.46	**0.92**	**3.02**
2	*Alsophila gigantea*	15	20	1.37	12.00	0.29	15.00	0.59	2.26		
3	*Amoora Wallichii*	46	20	1.37	36.80	0.90	46.00	1.82	4.09		

4	*Ardisia solanacea*	245	20	1.37	196.00	4.78	245.00	9.71	15.86
5	*Artocarpus chama*	33	40	2.74	26.40	0.64	16.50	0.65	4.04
6	*Asimina triloba*	32	40	2.74	25.60	0.62	16.00	0.63	4.00
7	*Baccaurea ramiflora*	61	60	4.11	48.80	1.19	20.33	0.81	6.11
8	*Boehmeria macrophylla*	46	40	2.74	36.80	0.90	23.00	0.91	4.55
9	*Bridelia retusa*	60	20	1.37	48.00	1.17	60.00	2.38	4.92
10	*Bridelia tomentosa*	284	80	5.48	227.20	5.54	71.00	2.81	13.84
11	*Caesalpinia cucullata*	5	20	1.37	4.00	0.10	5.00	0.20	1.67
12	*Calamus viminalis*	9	20	1.37	7.20	0.18	9.00	0.36	1.90
13	*Calicarpa americana*	140	40	2.74	112.00	2.73	70.00	2.77	8.25
14	*Callicarpa arborea*	44	20	1.37	35.20	0.86	44.00	1.74	3.97
15	*Canarium indicum*	24	20	1.37	19.20	0.47	24.00	0.95	2.79
16	*Careya arborea*	40	40	2.74	32.00	0.78	20.00	0.79	4.31
17	*Casearia vareca*	8	20	1.37	6.40	0.16	8.00	0.32	1.84
18	*Cinnamomum bejolghota*	139	60	4.11	111.20	2.71	46.33	1.84	8.66
19	*Citrus indica*	32	20	1.37	25.60	0.62	32.00	1.27	3.26
20	*Clerodendrum Infortunatum*	900	80	5.48	720.00	17.56	225.00	8.92	31.96
21	*Coffea bengalensis*	732	80	5.48	585.60	14.29	183.00	7.25	27.02
22	*Colebrookea oppositifolia*	17	20	1.37	13.60	0.33	17.00	0.67	2.38
24	*Duabanga grandiflora*	129	60	4.11	103.20	2.52	43.00	1.70	8.33
25	*Elaeocarpus serratus*	26	20	1.37	20.80	0.51	26.00	1.03	2.91
26	*Jasminum scandens*	503	40	2.74	402.40	9.82	251.50	9.97	22.53
27	*Leea indica*	258	60	4.11	206.40	5.04	86.00	3.41	12.55
28	*Lindera benzoin*	153	20	1.37	122.40	2.99	153.00	6.07	10.42
29	*Litsea Glutinosa*	38	40	2.74	30.40	0.74	19.00	0.75	4.23
30	*Machilus gamblei*	117	40	2.74	93.60	2.28	58.50	2.32	7.34
31	*Magnolia champaca*	7	20	1.37	5.60	0.14	7.00	0.28	1.78
32	*Mallotus philippensis*	26	20	1.37	20.80	0.51	26.00	1.03	2.91
33	*Melastoma malabathricum*	114	60	4.11	91.20	2.22	38.00	1.51	7.84
34	*Meyna spinosa*	16	20	1.37	12.80	0.31	16.00	0.63	2.32
36	*Phyllanthus reticulatus*	101	40	2.74	80.80	1.97	50.50	2.00	6.71
37	*Ricinus communis*	104	40	2.74	83.20	2.03	52.00	2.06	6.83
38	*Schima wallichii*	96	20	1.37	76.80	1.87	96.00	3.81	7.05
40	*Sterculia villosa*	7	20	1.37	5.60	0.14	7.00	0.28	1.78
41	*Stereospermum tetragonum*	4	20	1.37	3.20	0.08	4.00	0.16	1.61
42	*Syzygium jambolanum*	240	40	2.74	192.00	4.68	120.00	4.76	12.18
43	*Terminalia bellirica*	16	20	1.37	12.80	0.31	16.00	0.63	2.32
45	*Urena lobata*	26	20	1.37	20.80	0.51	26.00	1.03	2.91
46	*Uvaria hamiltonii*	45	20	1.37	36.00	0.88	45.00	1.78	4.03
47	*Zyzyphus rugosa*	100	20	1.37	80.00	1.95	100.00	3.96	7.29

b. Shrub Species:

A total number of 5124 individual belonging to 47 species of shrubs (including tree saplings) were documented from this permanent plot. The vegetation was dominated by *Clerodendrum Infortunatum* (IVI = 31.96), *Coffea bengalensis* (IVI = 27.02) and *Jasminum scandens* (IVI = 11.53). Maximum numbers of individuals were contributed by *Clerodendrum infortunatum* (900), *Coffea bengalensis* (732) and *Jasminum scandens* (503).

None of the species was found to exist with highest frequency (100%). With 80% frequency *Bridelia retusa*, *Clerodendrum infortunatum* and *Coffea bengalensis* were found in four subplots. Most of the species (23) were found to have least frequency (20%) and documented only from single subplot. 17 species contributed the ground vegetation with 4 to 50 individuals.

The Simpson's Diversity index (0.92) and Shannon's Diversity Index (3.02) indicated that the plot is highly diverse with high richness and evenness of shrub species. Simpson's Diversity index also explains that there is 92% chance that 2 individuals selected at random from this plot would be from different shrub species.

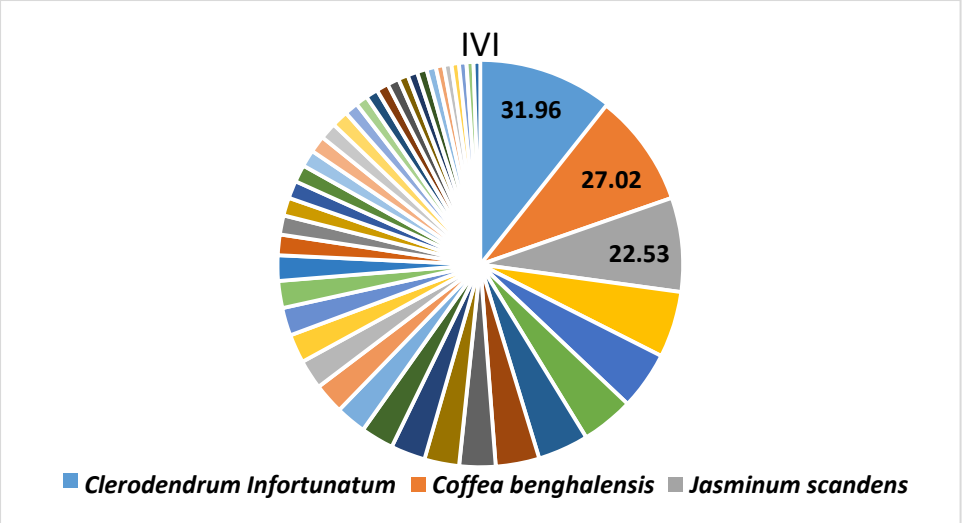


Figure 122: IVI Values of Dominant Shrubs (including tree saplings) in Sealdoba

Table 221: Documentation of Liana species in all the Subplots in Sealdoba

Sl. No.	Liana Species	Common name	Sp1	Sp2	Sp4	Sp5	Sp8	Total
1	*Combretum decandrum*					35		**35**
2	*Mucuna pruriens*	Pako	21					**21**
3	*Smilax zeylanica*	Kumri			12			**12**
4	*Tinospora cordifolia*	Gulancha			8			**8**
Total			**21**	**0**	**20**	**35**	**0**	**76**

Table 222: Statistical analysis of all the Liana species in Sealdoba

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Combretum decandrum*	35	20	25	28.00	46.05	35	46.05	117.11	**0.68**	**1.24**
2	*Mucuna pruriens*	21	20	25	16.80	27.63	21	27.63	80.26		
3	*Smilax zeylanica*	12	20	25	9.60	15.79	12	15.79	56.58		
4	*Tinospora cordifolia*	8	20	25	6.40	10.53	8	10.53	46.05		

c. Liana Species:

Only 76 individuals under 4 liana species were documented from this permanent plot. The vegetation was dominated by *Combretum decandrum* (IVI = 117.11). Maximum number of individuals was also contributed by *Combretum decandrum* (35).

All of them were found to have lowest frequency (20%) and documented only from single subplot.

The Simpson's Diversity index (0.68) and Shannon's Diversity Index (1.24) indicated that the plot sustained less diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 68% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

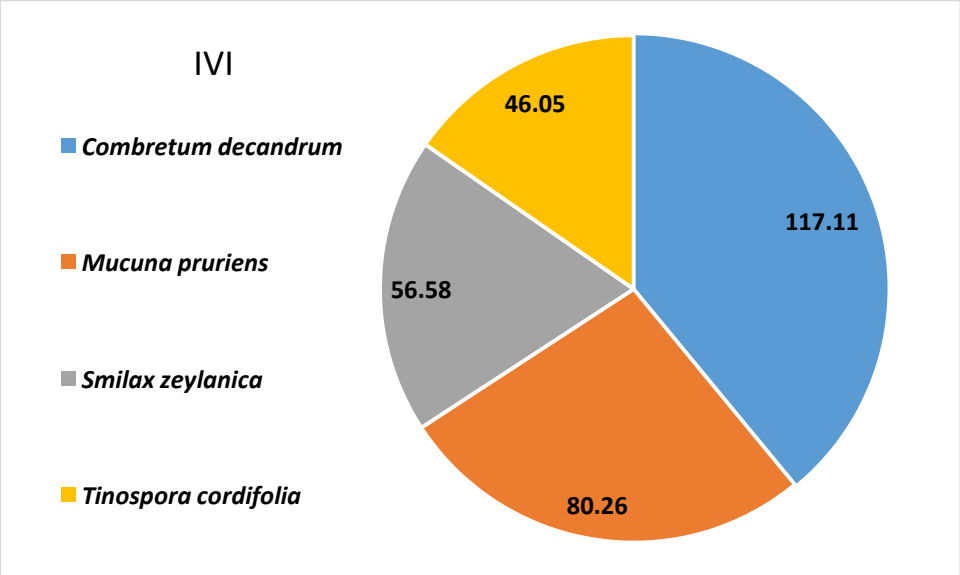


Figure 123: IVI Values of Dominant Liana Species in Sealdoba

Table 223: Documentation of all Herb species in all the nested Subplots in Sealdoba

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp4	Sp5	Sp8	Total
1	*Alpinia nigra*	Purundi	16					**16**
2	*Ananas comosus*	Wild pineapple		255				**255**
3	*Angiopteris evecta*						4	**4**
4	*Anisomeles ovata*		40					**40**

5	*Cheilocostus speciosus*	Keu / Kemuk / Ketaki	64	172	105		129	**470**
6	*Chloranthus elatior*		120		120	68	32	**340**
7	*Chromolaena odorata*	Bonmara	48	84	36			**168**
8	*Commelina benghalensis*			350				**350**
9	*Crinum amoenum*	Junglee peyaj		20				**20**
10	*Crozophora indica*			72				**72**
11	*Curcuma longa*	Junglee Holud			156		96	**252**
12	*Cystopteris tangutica*			70			51	**121**
13	*Drymaria cordata*			231				**231**
14	*Drynaria quercifolia*			22		36		**58**
15	*Elatostema integrifolium*			28				**28**
16	*Eragrostis tenella*			550		69	45	**664**
17	*Globba bulbifera*			46				**46**
18	*Hemarthria altissima*	Baksha pata Ghas					17	**17**
19	*Hygrophyla sculii*			40				**40**
20	*Impatiens balsamina*			52				**52**
21	*Lasia spinosa*	Junglee kochu/Katasuli	68	220				**288**
22	*Lygodium flexuosum*		32			40	16	**88**
23	*Microlepia speluncae*		28	77		72	20	**197**
24	*Polygonum barbatum*	Tok ghas	107	52	60	206	55	**480**
25	*Psychotria cupularis*						24	**24**
26	*Pteris longifolia*			37	24			**61**
27	*Pyrrosia flocculosa*		29	84	56			**169**
28	*Scoparia dulcis*	Ghuma			48	20	5	**73**
29	*Selaginella reticulata*		88	240				**328**
30	*Sida rhombifolia*	Peet Berela	17					**17**
31	*Solanum khasianum*					12		**12**
32	*Tragia involucrata*	Bichuti		36				**36**
Total			**657**	**2738**	**605**	**523**	**494**	**5017**

Table 224: Statistical analysis of all the Herb Species in Sealdoba

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Alpinia nigra*	16	20	1.64	320	0.32	16.00	0.63	2.59	**0.93**	**2.97**
2	*Ananas comosus*	255	20	1.64	5100	5.08	255.00	10	16.73		
3	*Angiopteris evecta*	4	20	1.64	80	0.08	4.00	0.16	1.88		
4	*Anisomeles ovata*	40	20	1.64	800	0.8	40.00	1.57	4.01		
5	*Cheilocostus speciosus*	470	80	6.56	9400	9.37	117.50	4.61	20.54		
6	*Chloranthus elatior*	340	80	6.56	6800	6.78	85.00	3.33	16.67		
7	*Chromolaena odorata*	168	60	4.92	3360	3.35	56.00	2.2	10.46		
8	*Commelina benghalensis*	350	20	1.64	7000	6.98	350.00	13.7	22.35		
9	*Crinum amoenum*	20	20	1.64	400	0.4	20.00	0.78	2.82		
10	*Crozophora indica*	72	20	1.64	1440	1.44	72.00	2.82	5.90		
11	*Curcuma longa*	252	40	3.28	5040	5.02	126.00	4.94	13.24		

12	*Cystopteris tangutica*	121	40	3.28	2420	2.41	60.50	2.37	8.06
13	*Drymaria cordata*	231	20	1.64	4620	4.6	231.00	9.06	15.31
14	*Drynaria quercifolia*	58	40	3.28	1160	1.16	29.00	1.14	5.57
15	*Elatostema integrifolium*	28	20	1.64	560	0.56	28.00	1.1	3.30
16	*Eragrostis tenella*	664	60	4.92	13280	13.2	221.33	8.68	26.84
17	*Globba bulbifera*	46	20	1.64	920	0.92	46.00	1.8	4.36
18	*Hemarthria altissima*	17	20	1.64	340	0.34	17.00	0.67	2.65
19	*Hygrophyla sculii*	40	20	1.64	800	0.8	40.00	1.57	4.01
20	*Impatiens balsamina*	52	20	1.64	1040	1.04	52.00	2.04	4.72
21	*Lasia spinosa*	288	40	3.28	5760	5.74	144.00	5.65	14.67
22	*Lygodium flexuosum*	88	60	4.92	1760	1.75	29.33	1.15	7.82
23	*Microlepia speluncae*	197	80	6.56	3940	3.93	49.25	1.93	12.42
24	*Polygonum barbatum*	480	100	8.2	9600	9.57	96.00	3.77	21.53
25	*Psychotria cupularis*	24	20	1.64	480	0.48	24.00	0.94	3.06
26	*Pteris longifolia*	61	40	3.28	1220	1.22	30.50	1.2	5.69
27	*Pyrrosia flocculosa*	169	60	4.92	3380	3.37	56.33	2.21	10.50
28	*Scoparia dulcis*	73	60	4.92	1460	1.46	24.33	0.95	7.33
29	*Selaginella reticulata*	328	40	3.28	6560	6.54	164.00	6.43	16.25
30	*Sida rhombifolia*	17	20	1.64	340	0.34	17.00	0.67	2.65
31	*Solanum khasianum*	12	20	1.64	240	0.24	12.00	0.47	2.35
32	*Tragia involucrata*	36	20	1.64	720	0.72	36.00	1.41	3.77

d. Herb Species:

A total number of 5017 individual belonging to 32 herbaceous species were documented from this permanent plot. The vegetation was noticed to be a nice co-existence ofall the herbaceous species (IVI ranges from 2 to 27). Maximum Importance Value Index was obtained by *Eragrostis tenella* (IVI = 26.84) followed by *Commelina benghalensis* (IVI = 22.35), *Polygonum barbatum* (IVI = 21.53) and *Cheilocostus speciosus* (IVI = 20.54). Maximum numbers of individuals were contributed by *Eragrostis tenella* (664), *Polygonum barbatum* (480) and *Cheilocostus speciosus* (470).

With highest frequency (100%) *Polygonum barbatum* was found in all the subplots. Most of the herbaceous species (17) were found to have least frequency (20%) and documented only from single subplot. *Angiopteris erecta* contributed the vegetation least with 4 individuals.

The Simpson's Diversity index (0.93) and Shannon's Diversity Index (2.97) of herbaceous species indicated that the plot is highly diverse with higher richness and evenness. Simpson's Diversity index also explains that there is 93% chance that 2 individuals selected at random from this plot would be from different herb species.

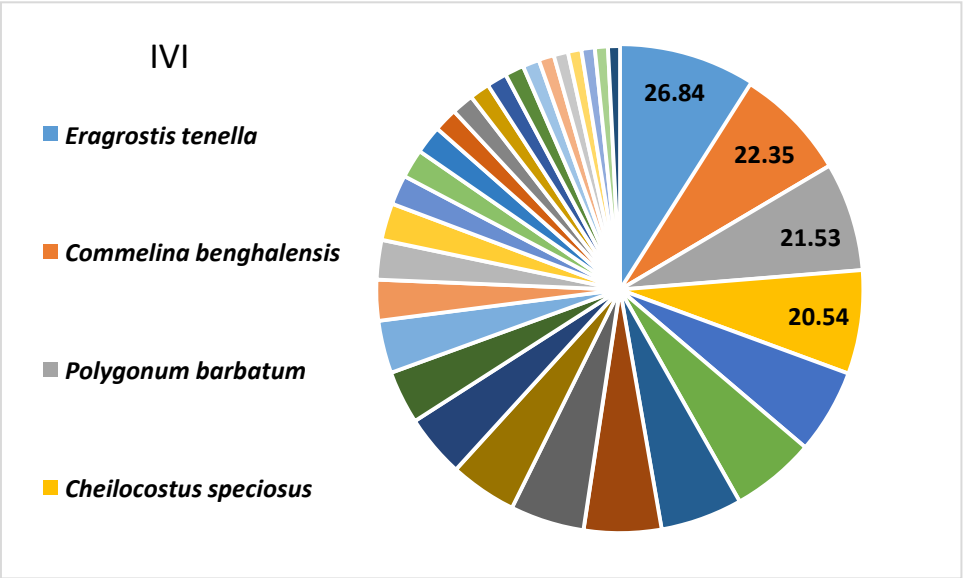


Figure 124: IVI Values of Dominant Herb Species in Sealdoba

Table 225: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Sealdoba

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp4	Sp5	Sp8	Total
1	*Abrus pulchelus*	Mungi Loreng	72	34	72	95	160	**433**
2	*Cayratia japonica*	Jhallota		11			16	**27**
3	*Combretum indicum*		8					**8**
4	*Dioscorea alata*		5			16		**21**
5	*Dioscorea bulbifera*	Khamalu			14			**14**
6	*Dioscorea esculanta*	Chupri Alu					6	**6**
7	*Hemidesmus indicus*	Anantamul			17	20	12	**49**
8	*Mikania scandens*	Assam Lata	23	200			6	**229**
9	*Passiflora foetida*	Jhumko Lata		72				**72**
10	*Piper boehmeriifolium*		52	46	41	24	27	**190**
11	*Piper longum*	BonMorich/Pipul	184	180	145	131	214	**854**
12	*Stephania japonica*		42			18		**60**
13	*Tetrastigma serrulata*		4	105				**109**
14	*Trichosanthes cucumerina*		12	43				**55**
15	*Vitis trifolia*		6					**6**
	Total		**408**	**691**	**289**	**304**	**441**	**2133**

Table 226: Statistical analysis of all the Scrambler, creeper and twiner species in Sealdoba

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abrus pulchelus*	433	100	13.89	8660	20.30	86.60	13.74	47.93	**0.77**	**1.88**
2	*Cayratia japonica*	27	40	5.56	540	1.27	13.50	2.14	8.96		
3	*Combretum indicum*	8	20	2.78	160	0.38	8.00	1.27	4.42		
4	*Dioscorea alata*	21	40	5.56	420	0.98	10.50	1.67	8.21		

5	*Dioscorea bulbifera*	14	20	2.78	280	0.66	14.00	2.22	5.66
6	*Dioscorea esculanta*	6	20	2.78	120	0.28	6.00	0.95	4.01
7	*Hemidesmus indicus*	49	60	8.33	980	2.30	16.33	2.59	13.22
8	*Mikania scandens*	229	60	8.33	4580	10.74	76.33	12.12	31.18
9	*Passiflora foetida*	72	20	2.78	1440	3.38	72.00	11.43	17.58
10	*Piper boehmeriifolium*	190	100	13.89	3800	8.91	38.00	6.03	28.83
11	*Piper longum*	854	100	13.89	17080	40.04	170.80	27.11	81.03
12	*Stephania japonica*	60	40	5.56	1200	2.81	30.00	4.76	13.13
13	*Tetrastigma serrulata*	109	40	5.56	2180	5.11	54.50	8.65	19.32
14	*Trichosanthes cucumerina*	55	40	5.56	1100	2.58	27.50	4.36	12.50
15	*Vitis trifolia*	6	20	2.78	120	0.28	6.00	0.95	4.01

e. Scrambler, creeper and twiner species:

A total number of 2133 of individuals under 15 climber species were documented from this permanent plot. The vegetation was co-dominated by *Piper longum* (IVI = 81.03) followed by *Abrus pulchelus* (IVI = 47.93), *Mikania scandens* (IVI = 31.18) and *Piper boehmeriifolium* (IVI = 28.83). Maximum number of individuals was also contributed by *Piper longum* (854) and Abrus *pulchelus* (433).

With maximum frequency (100%) *Abrus pulchelus, Piper boehmeriifolium* and *Piper longum* were found in all the subplots. *Combretum indicum, Dioscorea bulbifera, Dioscorea esculanta, Passiflora foetida* and *Vitis trifolia* were found with lowest frequency (20%) and documented from single subplot. *Dioscorea esculanta, Vitis trifolia* and *Combretum indicum* contributed the vegetation with 6, 6 and 8 individuals respectively.

The Simpson's Diversity index (0.77) and Shannon's Diversity Index (1.88) indicated moderate diversity with moderate richness and evenness of climber species. Simpson's Diversity index also explains that there is 77% chance that 2 individuals selected at random from this plot would be from different climber species.

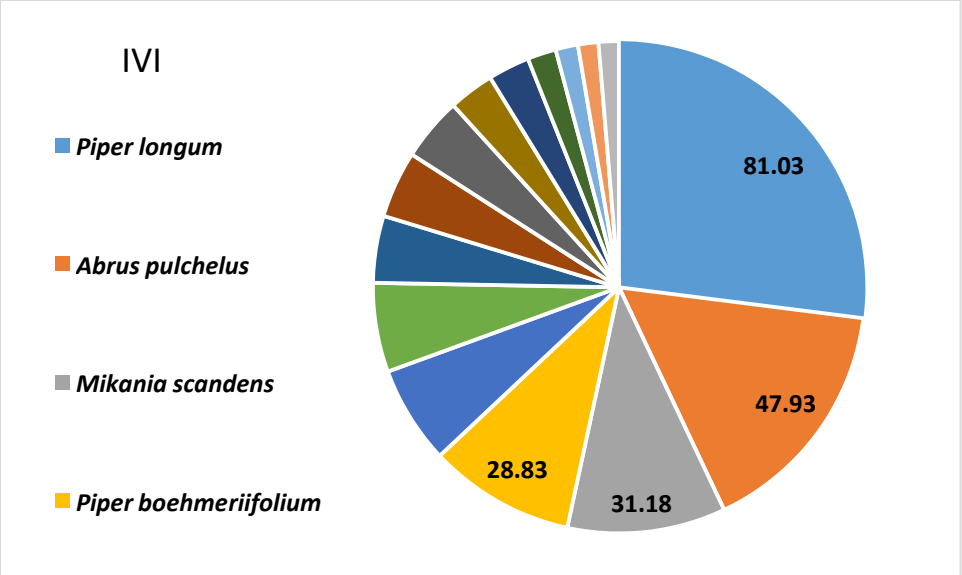


Figure 125: IVI Values of Dominant Scrambler, creeper and twiner species in Sealdoba

6.1.4. Inventory of associated bird species in the plot:

Documentation of 30 species of birds sighted during our field trip in the selected subplots including some IUCN red listed species like Great Indian Hornbill (VU) and Red Breasted Parakeet (NT). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 227: All Bird species documented Subplot wise in Sealdoba

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Black Crested Bulbul	*Rubigula flaviventris*	LC	Subplot 4
2	Black-hooded Oriole	*Oriolus xanthornus*	LC	Subplots 2, 5, 8, 10, Adjacent to Subplot 1
3	Blue throated Barbet	Psilopogon asiaticus	LC	Subplot 5
4	Bronzed Drongo	*Dicrurus aeneus*	LC	Subplot 4
5	Cattle Egret	*Bubulcus ibis*	LC	Subplots 4, 5
6	Chestnut- Bellied Nuthatch	*Sitta cinnamoventris*	LC	Between Subplots 4 and 5
7	Chestnut tailed starling	*Sturnia malabarica*	LC	Subplot 4
8	Common tailor Bird	*Orthotomus sutorius*	LC	Subplot 1
9	Golden Fronted Leaf Bird	*Chloropsis aurifrons*	LC	Subplot 4
10	Great Indian Hornbill	*Buceros bicornis*	VU	Subplots 4, 9, Adjacent to Subplot 1
11	Greater Caucal	*Centropus sinensis*	LC	Subplot 5
12	Green Billed Malkoha	*Phaenicophaeus tristis*	LC	Subplot 4
13	Greenish warbler	*Phylloscopus trochiloides*	LC	Subplot 6, Between Subplots 4 and 5
14	Common Hill Myna	*Gracula religiosa*	LC	Subplot 8
15	Indian Pond heron	*Ardeola grayi*	LC	Adjacent to subplot 1
16	Lesser Yellownaped Woodpecker	*Picus chlorolophus*	LC	Subplot 4, Adjacent to Subplot 1
17	Lineated Barbet	*Psilopogon lineatus*	LC	Subplot 9
18	Maroon Oriole	*Oriolus traillii*	LC	Subplots 4, 8
19	Oriental Pied Hornbill	*Anthracoceros albirostris*	LC	Outside the main plot
20	Oriental White Eye	*Zosterops palpebrosus*	LC	Subplot 4
21	Pale-Billed Flower Pecker	*Dicaeum erythrorhynchos*	LC	Subplot 2
22	Red Breasted Parakeet	*Psittacula alexandri*	NT	Subplots 2, 5, 8, 10, Adjacent to Subplot 1
23	Red Jungle Fowl	*Gallus*	LC	Subplots 1, 5
24	Rufous Treepie	*Dendrocitta vagabunda*	LC	Subplot 10
25	Scarlet Minivet	*Pericrocotus speciosus*	LC	Subplots 7, 8, Between Subplots 4 and 5
26	Spangled drongo	*Dicrurus bracteatus*	LC	Subplot 8
27	Spotted dove	*Spilopelia chinensis*	LC	Adjacent to subplot 2
28	Streak Throated Woodpecker	*Picus xanthopygaeus*	LC	Subplot 5
29	Taiga Flycatcher	*Ficedula albicilla*	LC	Subplot 4, Adjacent to Subplot 1
30	White Rumped Shama	*Copsychus malabaricus*	LC	Outside the main plot

6.2. PERMANENT PLOT: NRVK

6.2.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Buxa TR (East)
- Range: Jayanti
- Beat: Phaskhawa
- Block: NRVK 5a

The second field trip was undertaken to NRVK–5a block under Jayanti Range of BTR East Division during 18th to 21st February, 2021.

NRVK is located under Jayanti Range, Buxa Tiger Reserve East. The Buxa Tiger Reserve (BTR) lies in Alipurduar district of West Bengal (longitudes 89°25'E & 89°55'E and latitudes 23°30'N & 23°50'N) covering a huge forest area of 760.87 sq. km, on eastern side of the Bala River and about 3 km from Jayanti village. Its northern boundary runs along the international border with Bhutan. The Buxa Tiger Reserve East Division consists of 7 ranges. The total Reserve encompasses as many as eight forest types such as i) Riverine forest, ii) Dry mixed forest, iii) Wet mixed forest, iv) Evergreen forest, v) Malate forest, vi) Plateau forest, vii) Hill forest and viii) Savannah (now replaced by Sal plantation). More than 300 species of trees, 250 species of shrubs, 400 species of herbs, 9 species of cane, 10 species of bamboo, 150 species of orchids, 100 species of grass and 130 species of aquatic flora including more than 70 sedges (Cyperaceae) have been recorded so far. The major flora of the area includes sal, teak, champa, chilauni, gamar, toon, sisoo, simul, khair, haritaki, Bohera, lampateetc.

Figure 126: Permanent plot selected at NRVK

6.2.2. Ground survey:

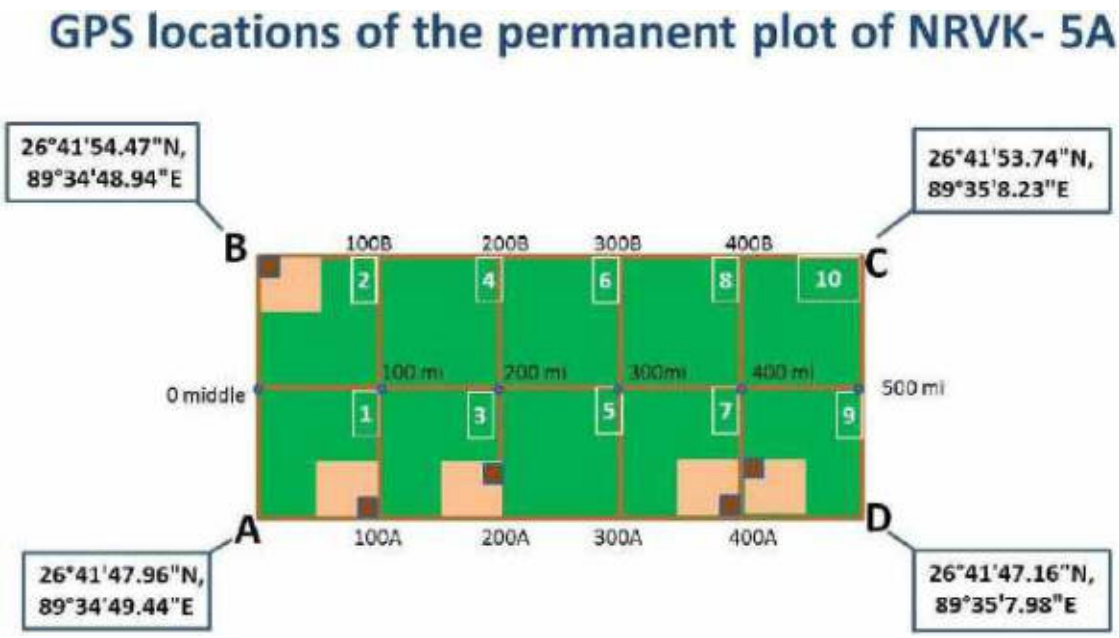


Figure 127: GPS location of the plot with schematic diagram of chosen subplots in NRVK

Table 228: Latitude / Longitude of all the Subplots in NRVK

Subplot points	Latitude	Longitude	Tree Name
0 middle	26°41'51.09"N	89°34'49.62"E	Lasune lali
100 middle	26°41'50.81"N	89°34'53.36"E	Archal
200 middle	26°41'50.89"N	89°34'56.93"E	Lasune lali
300 middle	26°41'50.70"N	89°35'0.31"E	Thali
400 middle	26°41'50.84"N	89°35'3.88"E	Sal
500 middle	26°41'50.30"N	89°35'8.36"E	Chilauney
100 A	26°41'47.65"N	89°34'52.95"E	Gidhari
100 B	26°41'54.45"N	89°34'52.84"E	Patpate
200 A	26°41'47.79"N	89°34'56.55"E	Bohera
200 B	26°41'54.25"N	89°34'56.89"E	Parari
300 A	26°41'47.53"N	89°34'59.81"E	Lasune lali
300 B	26°41'54.32"N	89°35'0.10"E	Lapche
400 A	26°41'47.28"N	89°35'3.39"E	Khirra
400 B	26°41'53.85"N	89°35'3.73"E	Bhutia Lapche

Table 229: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in NRVK

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°41'47.81"N	89°34'51.26"E	26°41'47.84"N	89°34'52.95"E
	50b	26°41'49.41"N	89°34'51.21"E		
	50c	26°41'49.51"N	89°34'53.06"E		
Subplot 2	50a	26°41'54.38"N	89°34'51.33"E	26°41'54.16"N	89°34'49.65"E
	50b	26°41'52.75"N	89°34'51.50"E		
	50c	26°41'52.60"N	89°34'49.46"E		
Subplot 3	50a	26°41'49.53"N	89°34'56.71"E	26°41'49.44"N	89°34'56.49"E
	50b	26°41'49.38"N	89°34'54.67"E		
	50c	26°41'47.61"N	89°34'54.75"E		
Subplot 7	50a	26°41'48.99"N	89°35'3.93"E	26°41'47.37"N	89°35'3.33"E
	50b	26°41'49.11"N	89°35'2.12"E		
	50c	26°41'47.34"N	89°35'1.89"E		
Subplot 9	50a	26°41'48.99"N	89°35'3.93"E	26°41'48.87"N	89°35'4.05"E
	50b	26°41'48.94"N	89°35'5.60"E		
	50c	26°41'47.26"N	89°35'5.21"E		

6.2.3. Inventorization of Flora

Table 230: Documentation of all tree species in all the Subplots in NRVK

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp3	Sp7	Sp9	Total
1	*Actinodaphne obovata*	Mondola/runche		1	2			**3**
2	*Adina cordifolia*	Korom		4				**4**
3	*Ailanthus integrifolia*	Gokul/gokul lali	1				5	**6**
4	*Albizia chinensis*	Sirish	8				2	**10**
5	*Albizia procera*	Sada sirish/swet sirish	12			1	1	**14**
6	*Alstonia scholaris*	Chatiyan/chatim		9	6	1		**16**
7	*Amoora rohituka*	Lasooni lali/rosuni lali	6	31	26	39	23	**125**
8	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali	21	3	2	4		**30**
9	*Antidesma acidum*	Archal	1		5	13		**19**
10	*Baccaurea ramiflora*	Notko/lotka/kusum				5		**5**
11	*Balakata baccata*	Akhataru/akhataruwa					4	**4**
12	*Bischofia javanica*	Kainjal			4			**4**
13	*Bridelia retusa*	Kosai/ gayo		1				**1**
14	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo			1			**1**
15	*Careya arborea*	Kumbhi		10		1	1	**12**
16	*Casearia vareca*	Sada lali	4					**4**
17	*Castanopsis hystrix*	Katus			3			**3**
18	*Castanopsis indica*	Kala katus/dhalney katus		1				**1**
19	*Celtis tetrandra*	Kari/kuri		1				**1**

20	*Cephalanthus tetrandra*	Kali kath			1			**1**
21	*Chisocheton cumingianus*	Hara Lali	7	4	3	4		**18**
22	*Chukrasia tabularis*	Chikrasi/ chekrasi	11		6			**17**
23	*Cinnamomum bejolghota*	Jungli tejpata	1		2			**3**
24	*Citrus indica*	Ramsantala/ junglee komola		6				**6**
25	*Morinda angustifolia*	Koriphool	4			2		**6**
26	*Dillenia indica*	Chalta /paachpholia/ pachkol	3					**3**
27	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta	3	4				**7**
28	*Dipterocarpus retusus*	Holong	3					**3**
29	*Elaeocarpus angustifolius*	Rudraksha	3					**3**
30	*Eurya acuminata*	Jhingney katoos/ jhinjhini		1				**1**
31	*Ficus benghalensis*	Bot			1			**1**
32	*Garuga pinnata*	Dabdabey		3			5	**8**
33	*Gmelina arborea*	Gamar/gamari/gambhir/gamar chika			1	1	5	**7**
34	*Holarrhena pubescens*	Kurchi/ khirra	11	42	15	23	28	**119**
35	*Ilex godajam*	Hatisura	1					**1**
36	*Lagerstroemia parviflora*	Baaje/sidha	1	5	4	3	2	**15**
37	*Lagerstroemia speciosa*	Jarul	1					**1**
38	*Lannea coromandelica*	Jiga / jeol/ jiya			1			**1**
39	*Litsea panamanja*	Choto kawla / masuri kawla		1	1	1		**3**
40	*Machilus gamblei*	Kawla/ampate/ampate kawla	1	6	4	2	7	**20**
41	*Magnolia champaca*	Chaamp	12				1	**13**
42	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	7	5	12	1	15	**40**
43	*Mallotus philippensis*	Sindoori/sindure/sindoor/githi	14	1	8			**23**
44	*Meliosma simplicifolia*	Patpatey	1	3	21			**25**
45	*Michelia excelsa*	Rani chaap			1			**1**
46	*Monoon simiarum*	Laapche / laapshi/ khuti kath	14	25	20	63	38	**160**
47	*Morus indica*	Toonth/ tunt		3			2	**5**
48	*Oroxylum indicum*	Totola	1		5			**6**
49	*Polyalthia simiarum*	Bhutia lapche	1	32	18	42	20	**113**
50	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli	3	2	6	13	1	**25**
51	*Randia dumetorum*	Mowkata	5		1			**6**
52	*Schima wallichii*	Chiloni/ chilauney	1	23	11	11	28	**74**
53	*Shorea robusta*	Sal	37	31	15	16	21	**120**
54	*Sloanea sterculiacea*	Kadam katus/bhaisi katus			2			**2**
55	*Sterculia lanceifolia*	Bakain/bakane/sada bakain			2			**2**
56	*Sterculia villosa*	Udla / odal	3			6	4	**13**
57	*Stereospermum tetragonum*	Parari		5	9	4	4	**22**
58	*Symplocos theifolia*	Kharane		17				**17**
59	*Syzygium cumini*	Jamun/khude jam			3		3	**6**
60	*Syzygium formosum*	Jamuna		1				**1**
61	*Syzygium jambolanum*	Goda jam/kada jam			1	1	2	**4**
62	*Syzygium kurzii*	Jongli jam		2	3			**5**
63	*Syzygium operculatum*	Kath jam				1		**1**
64	*Terminalia arjuna*	Arjun	2					**2**
65	*Terminalia bellirica*	Bahera/bhaola	11	6		32	11	**60**

66	*Terminalia chebula*	Horitoki/harra	3					**3**
67	*Terminalia crenulata*	Pakasal/akasaj	3	1				**4**
68	*Terminalia myriocarpa*	Panisal/panisaj	26			1		**27**
69	*Tetrameles nudiflora*	Moyna/sada moyna	2		6	2	1	**11**
70	*Toona hexandra*	Toon/tuni		1	2	3	2	**8**
71	*Turpinia pomifera*	Thali		1	1	1	1	**4**
72	*Vitex peduncularis*	Charai goura/charai garua					8	**8**
73	*Wrightia tomentosa*	Doodhia			1			**1**
74	*Xylia xylocarpa*	Loha kath			4	2		**6**
75	*Zanthoxylum budrunga*	Timbur		1			2	**3**
Total			**249**	**293**	**240**	**299**	**247**	**1328**

Table 231: Statistical analysis of all the Tree Species in NRVK

Sl. No.	Tree Species	Total	F%	Rf%	D/Ha.	Rd%	A	Ra%	IVI	SDI	H
1	*Actinodaphne obovata*	3	40	1.15	0.60	0.23	1.50	0.37	1.75	**0.94**	**3.37**
2	*Adina cordifolia*	4	20	0.57	0.80	0.30	4.00	0.99	1.87		
3	*Ailanthus integrifolia*	6	40	1.15	1.20	0.45	3.00	0.74	2.35		
4	*Albizia chinensis*	10	40	1.15	2.00	0.75	5.00	1.24	3.14		
5	*Albizia procera*	14	60	1.72	2.80	1.05	4.67	1.16	3.94		
6	*Alstonia scholaris*	16	60	1.72	3.20	1.20	5.33	1.32	4.25		
7	*Amoora rohituka*	125	100	2.87	25.00	9.41	25.00	6.20	18.49		
8	*Amoora wallichii*	30	80	2.30	6.00	2.26	7.50	1.86	6.42		
9	*Antidesma acidum*	19	60	1.72	3.80	1.43	6.33	1.57	4.73		
10	*Baccaurea ramiflora*	5	20	0.57	1.00	0.38	5.00	1.24	2.19		
11	*Balakata baccata*	4	20	0.57	0.80	0.30	4.00	0.99	1.87		
12	*Bischofia javanica*	4	20	0.57	0.80	0.30	4.00	0.99	1.87		
13	*Bridelia retusa*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
14	*Callicarpa arborea*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
15	*Careya arborea*	12	60	1.72	2.40	0.90	4.00	0.99	3.62		
16	*Casearia vareca*	4	20	0.57	0.80	0.30	4.00	0.99	1.87		
17	*Castanopsis hystrix*	3	20	0.57	0.60	0.23	3.00	0.74	1.54		
18	*Castanopsis indica*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
19	*Celtis tetrandra*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
20	*Cephalanthus tetrandra*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
21	*Chisocheton cumingianus*	18	80	2.30	3.60	1.36	4.50	1.12	4.77		
22	*Chukrasia tabularis*	17	40	1.15	3.40	1.28	8.50	2.11	4.54		
23	*Cinnamomum bejolghota*	3	40	1.15	0.60	0.23	1.50	0.37	1.75		
24	*Citrus indica*	6	20	0.57	1.20	0.45	6.00	1.49	2.51		
25	*Morinda angustifolia*	6	40	1.15	1.20	0.45	3.00	0.74	2.35		
26	*Dillenia indica*	3	20	0.57	0.60	0.23	3.00	0.74	1.54		
27	*Dillenia pentagyna*	7	40	1.15	1.40	0.53	3.50	0.87	2.54		
28	*Dipterocarpus retusus*	3	20	0.57	0.60	0.23	3.00	0.74	1.54		
29	*Elaeocarpus angustifolius*	3	20	0.57	0.60	0.23	3.00	0.74	1.54		
30	*Eurya acuminata*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		
31	*Ficus benghalensis*	1	20	0.57	0.20	0.08	1.00	0.25	0.90		

32	*Garuga pinnata*	8	40	1.15	1.60	0.60	4.00	0.99	2.74
33	*Gmelina arborea*	7	60	1.72	1.40	0.53	2.33	0.58	2.83
34	*Holarrhena pubescens*	119	100	2.87	23.80	8.96	23.80	5.90	17.74
35	*Ilex godajam*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
36	*Lagerstroemia parviflora*	15	100	2.87	3.00	1.13	3.00	0.74	4.75
37	*Lagerstroemia speciosa*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
38	*Lannea coromandelica*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
39	*Litsea panamanja*	3	60	1.72	0.60	0.23	1.00	0.25	2.20
40	*Machilus gamblei*	20	100	2.87	4.00	1.51	4.00	0.99	5.37
41	*Magnolia champaca*	13	40	1.15	2.60	0.98	6.50	1.61	3.74
42	*Mallotus nudiflorus*	40	100	2.87	8.00	3.01	8.00	1.98	7.87
43	*Mallotus philippensis*	23	60	1.72	4.60	1.73	7.67	1.90	5.36
44	*Meliosma simplicifolia*	25	60	1.72	5.00	1.88	8.33	2.07	5.67
45	*Michelia excelsa*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
46	*Monoon simiarum*	160	100	2.87	32.00	12.05	32.00	7.93	22.86
47	*Morus indica*	5	40	1.15	1.00	0.38	2.50	0.62	2.15
48	*Oroxylum indicum*	6	40	1.15	1.20	0.45	3.00	0.74	2.35
49	*Polyalthia simiarum*	113	100	2.87	22.60	8.51	22.60	5.60	16.99
50	*Premna bengalensis*	25	100	2.87	5.00	1.88	5.00	1.24	6.00
51	*Randia dumetorum*	6	40	1.15	1.20	0.45	3.00	0.74	2.35
52	*Schima wallichii*	74	100	2.87	14.80	5.57	14.80	3.67	12.12
53	*Shorea robusta*	120	100	2.87	24.00	9.04	24.00	5.95	17.86
54	*Sloanea sterculiacea*	2	20	0.57	0.40	0.15	2.00	0.50	1.22
55	*Sterculia lanceifolia*	2	20	0.57	0.40	0.15	2.00	0.50	1.22
56	*Sterculia villosa*	13	60	1.72	2.60	0.98	4.33	1.07	3.78
57	*Stereospermum tetragonum*	22	80	2.30	4.40	1.66	5.50	1.36	5.32
58	*Symplocos theifolia*	17	20	0.57	3.40	1.28	17.00	4.22	6.07
59	*Syzygium cumini*	6	40	1.15	1.20	0.45	3.00	0.74	2.35
60	*Syzygium formosum*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
61	*Syzygium jambolanum*	4	60	1.72	0.80	0.30	1.33	0.33	2.36
62	*Syzygium kurzii*	5	40	1.15	1.00	0.38	2.50	0.62	2.15
63	*Syzygium operculatum*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
64	*Terminalia arjuna*	2	20	0.57	0.40	0.15	2.00	0.50	1.22
65	*Terminalia bellirica*	60	80	2.30	12.00	4.52	15.00	3.72	10.54
66	*Terminalia chebula*	3	20	0.57	0.60	0.23	3.00	0.74	1.54
67	*Terminalia crenulata*	4	40	1.15	0.80	0.30	2.00	0.50	1.95
68	*Terminalia myriocarpa*	27	40	1.15	5.40	2.03	13.50	3.35	6.53
69	*Tetrameles nudiflora*	11	80	2.30	2.20	0.83	2.75	0.68	3.81
70	*Toona hexandra*	8	80	2.30	1.60	0.60	2.00	0.50	3.40
71	*Turpinia pomifera*	4	80	2.30	0.80	0.30	1.00	0.25	2.85
72	*Vitex peduncularis*	8	20	0.57	1.60	0.60	8.00	1.98	3.16
73	*Wrightia tomentosa*	1	20	0.57	0.20	0.08	1.00	0.25	0.90
74	*Xylia xylocarpa*	6	40	1.15	1.20	0.45	3.00	0.74	2.35
75	*Zanthoxylum budrunga*	3	40	1.15	0.60	0.23	1.50	0.37	1.75

a. Tree Species:

A total of 1328 individual trees were documented from this permanent plot at NRVK. This plot also recorded the maximum tree species diversity (75) which is the highest among all the plots in North Bengal Plains. The trees were more or less distributed evenly among the dominant species (*Monoon simiarum* with 160 trees and IVI = 22.86, *Amoora rohituka*– 125 trees and IVI = 18.49, *Shorea robusta* with 120 trees and IVI = 17.86, *Holarrhena pubescens* having 119 trees and IVI = 17.74, and *Polyalthia simiarum* with 113 trees and IVI = 16.99, *Schima wallichii* recording 74 trees and IVI = 12.12 and occurring in all the 5 subplots undertaken for documentation and hence revealed 100% frequency.

Other than these species that were documented from all the 5 subplots and hence with 100% frequency were *Lagerstroemia parviflora, Machilus gamblei, Mallotus nudiflorus, Premna bengalensis,* and *Shorea robusta.*

Terminalia bellirica with 60 trees and IVI = 10.54 though being the last of the dominant species was found in only 4 subplots.

Subplot 3 represented highest diversity of tree species (41) mostly contributed by *Amoora rohituka* (26 individuals).

There were 30 tree species, with the least frequency (20%), and found in only one subplot out of the 5 subplots wherever they occurred. Of these *Bridelia retusa, Callicarpa arborea, Castanopsis indica, Celtis tetrandra, Cephalanthus tetrandra, Eurya acuminata, Ficus benghalensis, Ilex godajam, Lagerstroemia speciosa, Lannea coromandelica, Michelia excelsa, Syzygium formosum, Syzygium operculatum* and *Wrightia tomentosa* was found to be the only one individual tree in the one subplot that they occurred.

The Simpson's Diversity Index (0.94) and Shannon's Diversity Index (3.37) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 94% chance that 2 individuals selected at random from this plot would be from different tree species.

Tetrameles nudiflora was recorded as the tallest tree with a height of 60.96 m and a maximum GBH of 406.40 cm (subplot-1) and *Syzygium operculatum* was recorded as the shortest tree with a height of 3.05m and GBH of 45.72 cm (subplot-7) (Table: 232).

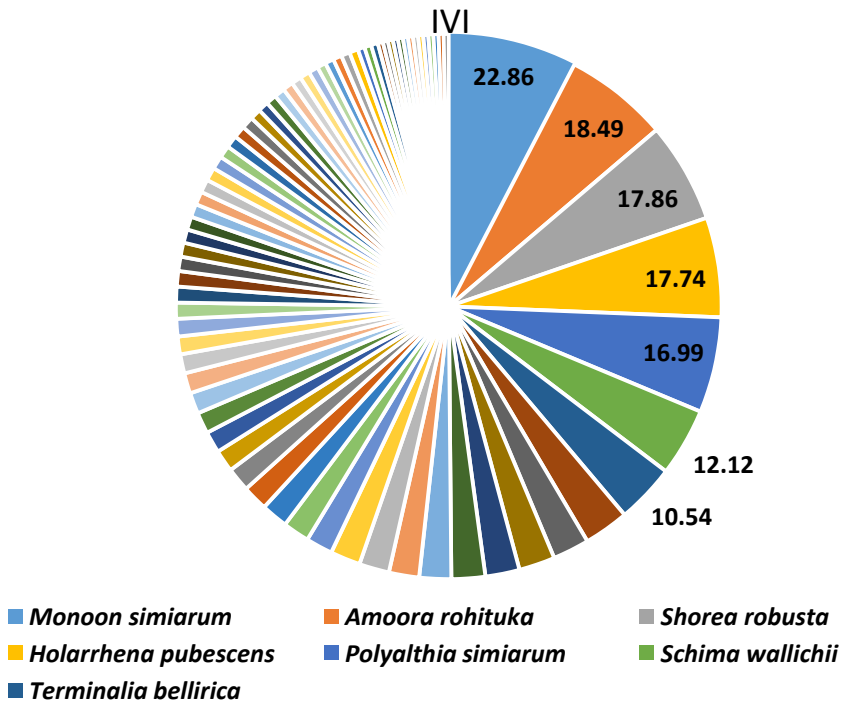


Figure 128: IVI Values of Dominant Tree Species in NRVK

Table 232: Average Height and GBH data of all the subplots in NRVK

Sl. No.	Scientific Name	SP 1		SP 2		SP 3		SP 7		SP 9	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Actinodaphne obovata*			14.33	45.72	11.28	77.47				
2	*Adina cordifolia*			18.67	87.63						
3	*Ailanthus integrifolia*	21.34	43.18							13.05	44.70
4	*Albizia chinensis*	13.79	58.42							9.14	48.26
5	*Albizia procera*	15.62	65.41					7.92	27.94	7.92	27.94
6	*Alstonia scholaris*			8.70	41.49	10.11	57.57	12.80	76.20		
7	*Amoora rohituka*	16.97	90.17	19.10	100.04	22.13	135.01	24.34	168.94	26.94	125.12
8	*Amoora wallichii*	23.83	92.17	23.88	79.59	22.10	120.65	25.53	140.34		
9	*Antidesma acidum*	6.10	83.82			8.23	50.80	7.71	52.36		
10	*Baccaurea ramiflora*							10.61	46.74		
11	*Balakata baccata*									40.92	257.18
12	*Bischofia javanica*					25.30	158.12				
13	*Bridelia retusa*			9.75	48.26						
14	*Callicarpa arborea*					28.35	157.48				
15	*Careya arborea*			10.58	49.28			12.80	76.20	7.62	38.10
16	*Casearia vareca*	11.28	60.33								
17	*Castanopsis hystrix*					31.50	156.63				

18	*Castanopsis indica*			29.87	152.40						
19	*Celtis tetrandra*			8.53	55.88						
20	*Cephalanthus tetrandra*					6.10	43.18				
21	*Chisocheton cumingianus*	14.24	57.33	19.05	68.58	20.83	76.20	31.39	200.66		
22	*Chukrasia tabularis*	28.93	121.46			26.77	166.79				
23	*Cinnamomum bejolghota*	27.43	68.58			9.91	38.10				
24	*Citrus indica*			16.31	108.37						
25	*Morinda angustifolia*	5.03	28.58					5.33	26.67		
26	*Dillenia indica*	26.11	206.59								
27	*Dillenia pentagyna*	21.03	135.47	30.78	237.49						
28	*Dipterocarpus retusus*	15.95	77.89								
29	*Elaeocarpus angustifolius*	37.59	142.24								
30	*Eurya acuminata*			15.54	58.42						
31	*Ficus benghalensis*					19.81	53.34				
32	*Garuga pinnata*			14.73	99.91					30.91	150.37
33	*Gmelina arborea*					23.77	190.50	17.68	177.80	15.42	54.36
34	*Holarrhena pubescens*	16.38	61.65	11.33	49.00	11.38	67.73	16.50	70.13	14.94	62.14
35	*Ilex godajam*	24.38	81.28								
36	*Lagerstroemia parviflora*	7.62	33.02	12.19	47.24	12.73	61.60	13.11	47.41	30.78	158.75
37	*Lagerstroemia speciosa*	39.62	165.10								
38	*Lannea coromandelica*					32.61	228.60				
39	*Litsea panamanja*			13.72	45.72	13.11	71.12	5.49	30.48		
40	*Machilus gamblei*	30.48	142.24	13.82	59.27	15.09	125.10	15.39	106.68	19.46	63.50
41	*Magnolia champaca*	18.21	70.27							21.95	119.38
42	*Mallotus nudiflorus*	24.04	87.09	10.12	37.08	27.97	136.10	14.02	38.10	12.96	53.17
43	*Mallotus philippensis*	14.57	56.06	12.80	35.56	17.07	40.01				
44	*Meliosma simplicifolia*	19.81	71.12	6.91	38.95	10.99	69.55				
45	*Michelia excelsa*					48.77	431.80				
46	*Monoon simiarum*	14.46	58.24	13.51	60.45	11.48	50.29	13.70	60.96	16.64	61.43
47	*Morus indica*			15.24	64.35					11.89	59.69
48	*Oroxylum indicum*	21.34	96.52			8.60	73.66				
49	*Polyalthia simiarum*	36.58	152.40	15.11	66.99	14.17	73.94	14.38	64.29	20.24	71.25
50	*Premna bengalensis*	14.73	115.15	24.38	193.04	12.04	83.82	9.45	74.83	28.04	279.40
51	*Randia dumetorum*	7.13	36.07			19.81	53.34				
52	*Schima wallichii*	16.76	71.12	25.47	158.81	26.49	127.46	28.57	148.47	30.89	126.27
53	*Shorea robusta*	32.15	173.06	38.54	269.24	35.60	319.02	36.54	355.26	48.07	255.21
54	*Sloanea sterculiacea*					25.91	82.55				
55	*Sterculia villosa*	29.46	184.57					31.85	254.85	54.64	252.10
56	*Sterculia lanceifolia*					35.05	113.03				
57	*Stereospermum tetragonum*			25.54	141.73	15.10	108.66	36.58	304.80	36.96	167.01
58	*Symplocos theifolia*			9.43	44.52						
59	*Syzygium cumini*					12.40	49.11			31.80	114.30
60	*Syzygium formosum*			16.76	45.72						
61	*Syzygium jambolanum*					19.81	55.88	7.62	30.48	16.76	116.84

62	*Syzygium kurzii*			15.24	60.96	22.05	114.30				
63	*Syzygium operculatum*							3.05	45.72		
64	*Terminalia arjuna*	23.62	82.55								
65	*Terminalia bellirica*	21.97	72.51	27.69	159.60			16.50	96.36	42.34	189.35
66	*Terminalia chebula*	24.38	78.74								
67	*Terminalia crenulata*	21.84	73.66	6.10	53.34						
68	*Terminalia myriocarpa*	24.22	96.91					20.12	50.80		
69	*Tetrameles nudiflora*	60.96	406.40			17.27	56.30	16.15	44.45	9.14	96.52
70	*Toona hexandra*			21.95	101.60	24.99	165.10	25.20	121.07	46.02	143.51
71	*Turpinia pomifera*			11.58	53.34	28.96	152.40	26.82	228.60	21.34	88.90
72	*Vitex peduncularis*									8.92	42.86
73	*Wrightia tomentosa*					15.24	53.34				
74	*Xylia xylocarpa*					22.71	105.41	28.19	154.94		
75	*Zanthoxylum budrunga*			17.68	71.12					44.96	212.09

Table 233: Documentation of Shrub species (including tree saplings) in all the Subplots in NRVK

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp3	Sp7	Sp9	Total
1	*Chromalaena odorata*	Bonmara	379	205	0	207	74	**865**
2	*Clerodendrum viscosum*	Bhant/Ghentu	2255	653	1005	205	320	**4438**
3	*Coffea benghalensis*	Chhagolneri	2483	1011	1177	828	886	**6385**
4	*Justicia gendarussa*	Jawgotmadon	47	2	0	2	16	**67**
5	*Murraya koenigii*	Karipata	8	3	160	2	0	**173**
6	*Sida cordifolia*	Berela	19	7	0	18	4	**48**
7	*Stachytarpheta indica*		125	2	0	0	4	**131**
8	*Tragia involucrata*	Chotropata	27	14	23	47	24	**135**
Total			**5343**	**1897**	**2365**	**1309**	**1328**	**12242**

Table 234: Statistical analysis of all the Shrub Species (including tree saplings) in NRVK

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Chromalaena odorata*	865	80	11.76	692.00	7.07	216.25	8.57	27.40	**0.59**	**1.1**
2	*Clerodendrum viscosum*	4438	100	14.71	3550.40	36.25	887.60	35.17	86.13		
3	*Coffea benghalensis*	6385	100	14.71	5108.00	52.16	1277.00	50.60	117.47		
4	*Justicia gendarussa*	67	80	11.76	53.60	0.55	16.75	0.66	12.98		
5	*Murraya koenigii*	173	80	11.76	138.40	1.41	43.25	1.71	14.89		
6	*Sida cordifolia*	48	80	11.76	38.40	0.39	12.00	0.48	12.63		
7	*Stachytarpheta indica*	131	60	8.82	104.80	1.07	43.67	1.73	11.62		
8	*Tragia involucrata*	135	100	14.71	108.00	1.10	27.00	1.07	16.88		

b. Shrub Species:

A total number of 12242 individuals under 8 shrub species were documented from this permanent plot. The vegetation was dominated by *Coffea benghalensis* (IVI = 117.47) and *Clerodendrum viscosum* (IVI = 86.13). Maximum number of individuals was also contributed by *Coffea benghalensis* (6385) and *Clerodendrum viscosum* (4438).

With highest frequency (100%) *Clerodendrum viscosum, Coffea benghalensis* and *Tragia involucrata* were found in all the subplots. Whereas, rest of the five species also observed to have high frequency, ranging from 60% to 80%. Minimum contribution was made by *Sida cordifolia* and *Justicia gendarussa* with 48 and 67 individuals respectively.

The Simpson's Diversity index (0.59) and Shannon's Diversity Index (1.10) indicated that the plot is less diverse with low richness and evenness of shrub species. Simpson's Diversity index also explains that there is 59% chance that 2 individuals selected at random from this plot would be from different shrub species.

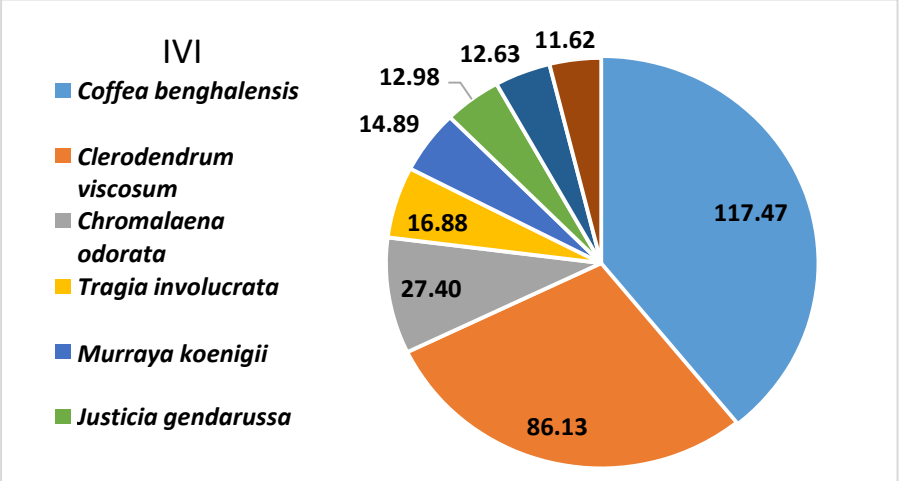


Figure 129: Figure: IVI Values of Dominant Shrubs (including tree saplings) in NRVK

Table 235: Documentation of Liana species in all the Subplots in NRVK

Sl. No.	Liana Species	Common name	Sp1	Sp2	Sp3	Sp7	Sp9	Total
1	*Clematis zeylanica*		88	0	2	0	0	**90**
2	*Gymnema sylvestre*	Gurmar	131	0	46	27	0	**204**
3	*Hemidesmus indicus*	Anantamul	34	46	4	27	0	**111**
4	*Tinospora sinensis*		12	20	23	20	7	**82**
Total			**265**	**66**	**75**	**74**	**7**	**487**

Table 236: Statistical analysis of all the Liana species in NRVK

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Clematis zeylanica*	90	40	14.29	72.00	18.48	45.00	28.64	61.40	**0.71**	**1.31**
2	*Gymnema sylvestre*	204	60	21.43	163.20	41.89	68.00	43.27	106.59		
3	*Hemidesmus indicus*	111	80	28.57	88.80	22.79	27.75	17.66	69.02		
4	*Tinospora sinensis*	82	100	35.71	65.60	16.84	16.40	10.44	62.99		

c. Liana Species:

A total number of 487 individuals under 4 liana species were documented from this permanent plot. Among them *Gymnema sylvestre* (IVI = 169.56) dominated the vegetation. With highest frequency (100%) *Tinospora sinensis* was found in all the subplots.

The Simpson's Diversity index (0.71) and Shannon's Diversity Index (1.31) indicated that the plot sustained moderate diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 71% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

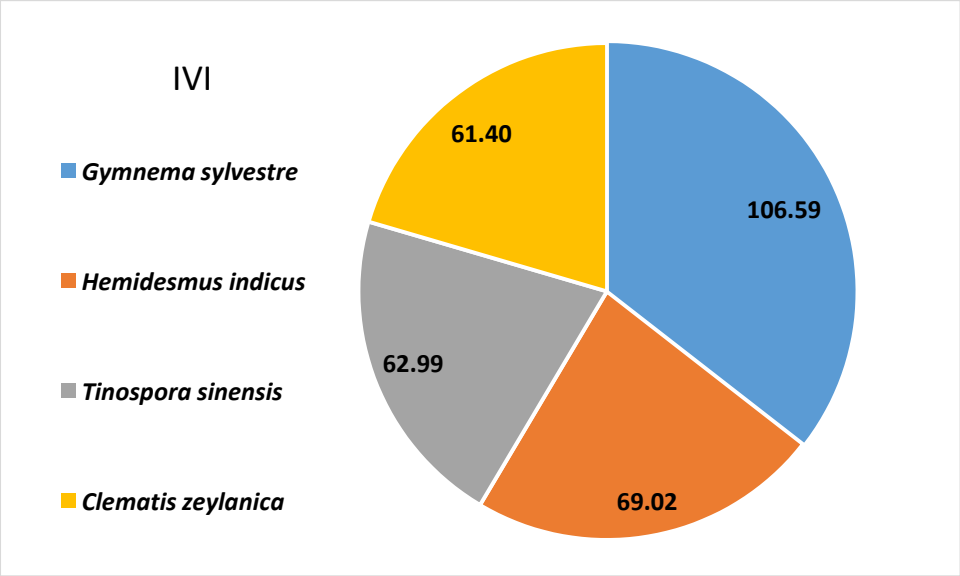


Figure 130: IVI Values of Dominant Liana species in NRVK

Table 237: Documentation of all Herb species in all the nested Subplots in NRVK

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp3	Sp7	Sp9	Total
1	*Alpinia purpurata*		0	0	22	0	32	**54**
2	*Andrographis paniculata*	Kalmegh	7	0	9	0	0	**16**
3	*Chrysopogon aciculatus*	Chorkanta	23	12	14	46	28	**123**
4	*Commelina benghalensis*	Kansirey	0	6	1	0	1	**8**
5	*Desmodium motorium*		0	48	0	0	18	**66**
6	*Diplazium esculentum*	Dhekia	44	97	137	313	69	**660**

7	*Drimia indica*		35	0	0	0	0	**35**
8	*Dryopteris sikkimensis*	Jongli Dhekia	196	27	261	84	212	**780**
9	*Houttuynia cordata*		3	0	21	0	0	**24**
10	*Hyptis suaveolens*		0	0	0	75	0	**75**
11	*Molineria capitulata*		0	93	0	0	0	**93**
12	*Paederia foetida*	Padalipata/Gendalpata	0	0	52	0	0	**52**
13	*Panax pseudoginseng*	Himalaya Ginseng	0	8	0	0	0	**8**
14	*Podophyllum hexandrum*		0	0	0	0	2	**2**
15	*Polystichum acrostichoides*		16	2	0	0	0	**18**
16	*Pteris vittata*	Fern	151	122	228	95	12	**608**
17	*Rottboelia cochichinensis*	Gaighash	106	123	156	78	13	**476**
18	*Solanum sisymbriifolium*	Kantikori	18	0	0	0	39	**57**
19	*Verbena officinalis*		0	42	23	50	0	**115**
Total			**599**	**580**	**924**	**741**	**426**	**3270**

Table 238: Statistical analysis of all the Herb Species in NRVK

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Alpinia purpurata*	54	40	4.17	1080	1.65	27.00	2.83	8.65	**0.84**	**2.14**
2	*Andrographis paniculata*	16	40	4.17	320	0.49	8.00	0.84	5.49		
3	*Chrysopogon aciculatus*	123	100	10.4	2460	3.76	24.60	2.58	16.76		
4	*Commelina benghalensis*	8	40	4.17	160	0.24	4.00	0.42	4.83		
5	*Desmodium motorium*	66	40	4.17	1320	2.02	33.00	3.46	9.64		
6	*Diplazium esculentum*	660	100	10.4	13200	20.18	132.00	13.83	44.43		
7	*Drimia indica*	35	20	2.08	700	1.07	35.00	3.67	6.82		
8	*Dryopteris sikkimensis*	780	100	10.4	15600	23.85	156.00	16.35	50.62		
9	*Houttuynia cordata*	24	40	4.17	480	0.73	12.00	1.26	6.16		
10	*Hyptis suaveolens*	75	20	2.08	1500	2.29	75.00	7.86	12.24		
11	*Molineria capitulata*	93	20	2.08	1860	2.84	93.00	9.75	14.67		
12	*Paederia foetida*	52	20	2.08	1040	1.59	52.00	5.45	9.12		
13	*Panax pseudoginseng*	8	20	2.08	160	0.24	8.00	0.84	3.17		
14	*Podophyllum hexandrum*	2	20	2.08	40	0.06	2.00	0.21	2.35		
15	*Polystichum acrostichoides*	18	40	4.17	360	0.55	9.00	0.94	5.66		
16	*Pteris vittata*	608	100	10.4	12160	18.59	121.60	12.74	41.75		
17	*Rottboelia cochichinensis*	476	100	10.4	9520	14.56	95.20	9.98	34.95		
18	*Solanum sisymbriifolium*	57	40	4.17	1140	1.74	28.50	2.99	8.90		
19	*Verbena officinalis*	115	60	6.25	2300	3.52	38.33	4.02	13.78		

d. Herb Species:

A total number of 3270 individual belonging to 19 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by ferns *viz. Dryopteris sikkimensis* (IVI = 50.62), *Diplazium esculentum* (IVI = 44.43), *Pteris vittata* (IVI = 41.75) and *Rottboelia*

cochichinensis (IVI = 34.95) (Figure: 131). Maximum number of individuals was contributed by *Dryopteris sikkimensis* (780), *Diplazium esculentum* (660), *Pteris vittata* (608) and *Rottboelia cochichinensis* (476).

With highest frequency (100%) *Chrysopogon aciculatus, Diplazium esculentum, Dryopteris sikkimensis, Pteris vittata,* and *Rottboellia cochinchinensis* were found in all the subplots. *Drimia indica, Hyptis suaveolens, Molineria capitulata, Paederia foetida, Panax pseudoginseng* and *Podophyllum hexandrum* were found to have least frequency (20%) and documented only from single subplot. *Podophyllum hexandrum*, *Commelina benghalensis* and *Panax pseudoginseng* contributed the vegetation least with 2, 8 and 8 individuals respectively.

The Simpson's Diversity index (0.84) and Shannon's Diversity Index (2.14) of herbaceous species indicated that the plot is highly diverse with high richness and evenness. Simpson's Diversity index also explains that there is 84% chance that 2 individuals selected at random from this plot would be from different herb species.

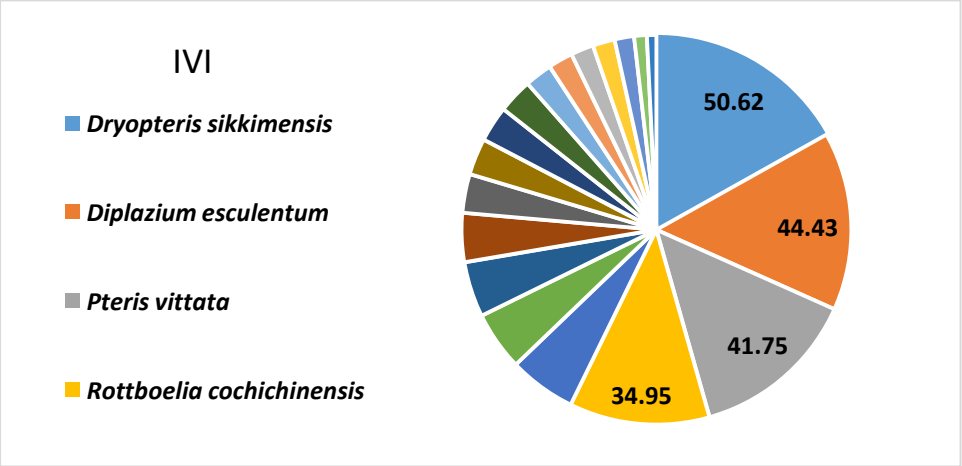


Figure 131: IVI Values of Dominant Herb Species in NRVK

Table 239: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in NRVK

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp3	Sp7	Sp9	Total
1	*Lygodium flexuosum*		34	0	42	0	0	**76**
2	*Lygodium microphyllum*		77	11	85	46	0	**219**
3	*Mikania scandens*	Assam Lata	18	0	0	13	26	**57**
4	*Piper betle*	Paan	305	0	163	211	55	**734**
5	*Piper longum*	Bonmorich	237	0	531	0	0	**768**
6	*Piper nigrum*	Golmorich	47	0	158	0	0	**205**
Total			**718**	**11**	**979**	**270**	**81**	**2059**

Table 240: Statistical analysis of all the Scrambler, creeper and twiner species in NRVK

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Lygodium flexuosum*	76	40	11.76	1520	3.69	38.00	4.86	20.32	**0.71**	**1.43**
2	*Lygodium microphyllum*	219	80	23.53	4380	10.64	54.75	7.00	41.17		
3	*Mikania scandens*	57	60	17.65	1140	2.77	19.00	2.43	22.85		
4	*Piper betle*	734	80	23.53	14680	35.65	183.50	23.47	82.65		
5	*Piper longum*	768	40	11.76	15360	37.30	384.00	49.12	98.18		
6	*Piper nigrum*	205	40	11.76	4100	9.96	102.50	13.11	34.83		

e. Scrambler, creeper and twiner species:

A total number of 2059 individuals under 6 scrambler, creeper and twiner species were documented from this permanent plot. The vegetation was co-dominated by *Piper longum* (IVI = 98.18), *Piper betle* (IVI = 82.65), followed by *Lygodium microphyllum* (IVI = 41.17). Maximum number of individuals was also contributed by *Piper longum* (768) and *Piper betle* (734).

None of the scrambler, creeper and twiner species existed in the plot with maximum frequency (100%). With highest frequency (80%) *Lygodium microphyllum* was found in 4 subplots (Table: 235). *Mikania scandens* and *Lygodium flexuosum* contributed the vegetation with 57 and 76 individuals respectively.

The Simpson's Diversity index (0.71) and Shannon's Diversity Index (1.43) indicated moderate diversity with low richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 71% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

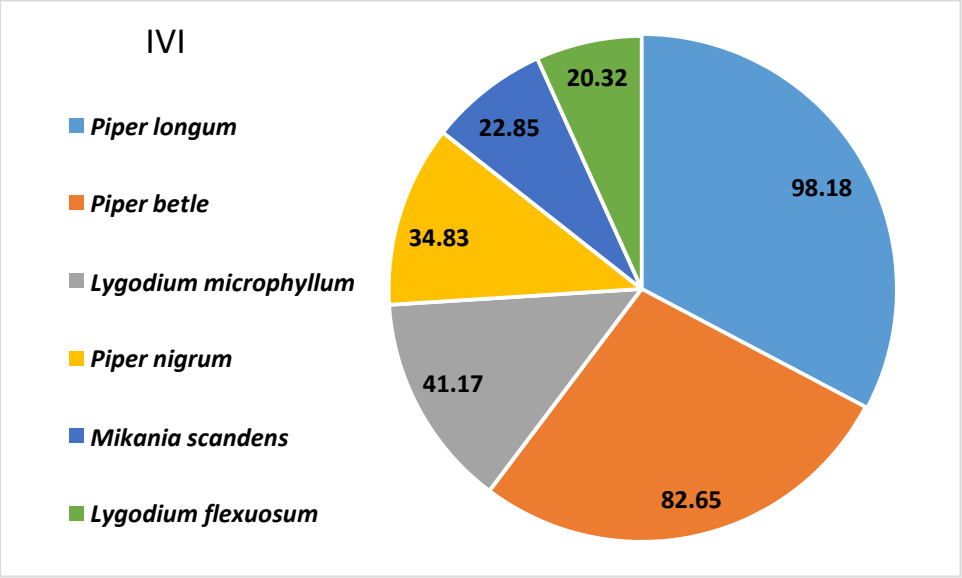


Figure 132: IVI Values of Dominant Scrambler, creeper and twiner species in NRVK

6.2.4. Inventory of Associated Bird Species

Sightings of 19 species of birds were documented during our field trip in the randomly selected subplots which included some IUCN red listed species like Alexandrine Parakeet (NT) and mostly important White rumped Vulture (CR). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 241: All Bird species documented Subplot wise in NRVK

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Alexandrine parakeet	*Psittacula eupatria*	NT	Subplot 4, Between Subplots 1 and 3, Adjacent to Subplot 9
2	Black Crested Bulbul	*Rubigula flaviventris*	LC	Subplots 1, 5, Adjacent to Subplot 7
3	Black hooded oriole	*Oriolus xanthornus*	LC	Subplots 4, 6, Adjacent to Subplot 3
4	Blue winged Minla	*Actinodura cyanouroptera*	LC	Subplot 7
5	Bronze drongo	*Dicrurus aeneus*	LC	Subplot 1, Adjacent to Subplot 5
6	Common hawk cuckoo	*Hierococcyx varius*	LC	Subplot 7
7	Golden Fronted Leaf Bird	*Chloropsis aurifrons*	LC	Subplot 1
8	Greater Racket tailed drongo	Dicrurus paradiseus	LC	Subplot 3
9	Green bee eater	*Merops orientalis*	LC	Subplot 4
10	Grey capped Pygmy Woodpecker	*Yungipicus canicapillus*	LC	Subplot 1
11	Common Hill Myna	*Gracula religiosa*	LC	Between Subplots 1 and 2
12	Large Cuckoo Shrike	*Coracina macei*	LC	Subplot 10
13	Lesser yellow naped woodpecker	*Picus chlorolophus*	LC	Subplot 4
14	Lineated Barbet	*Psilopogon lineatus*	LC	Subplot 6
15	Maroon Oriole	*Oriolus traillii*	LC	Subplots 1, 4
16	Scarlet minivet	*Pericrocotus speciosus*	LC	Subplot 5, Between Subplots 3 and 4
17	Small minivet	*Pericrocotus cinnamomeus*	LC	Subplots 3, 5
18	Taiga Flycatcher	*Ficedula albicilla*	LC	Subplot 1
19	White rumped Vulture	*Gyps bengalensis*	CR	Adjacent to Subplot 8

6.3. PERMANENT PLOT: CHEKO

6.3.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Buxa TR (West)
- Range: East Damanpur
- Beat: Cheko
- Block: Cheko 5

The third field trip in North Bengal Plains was undertaken in Cheko–5 block under East Damanpur Range of BTR West Division during 22nd to 24th February, 2021.

Cheko is located under East Damanpur Range, and is situated on southern sideof Buxa Tiger Reserve West. Buxa Tiger Reserve (BTR) lies in Alipurduar district of West Bengal in between the longitudes 89°25'E & 89°55'E and latitudes 23°30'N & 23°50'N. The total forest area comprises of 760.87 sq. km. The Buxa Tiger Reserve West Division consists of 7 ranges with respective beats.

Figure 133: Permanent plot selected at Cheko

6.3.2. Ground survey:

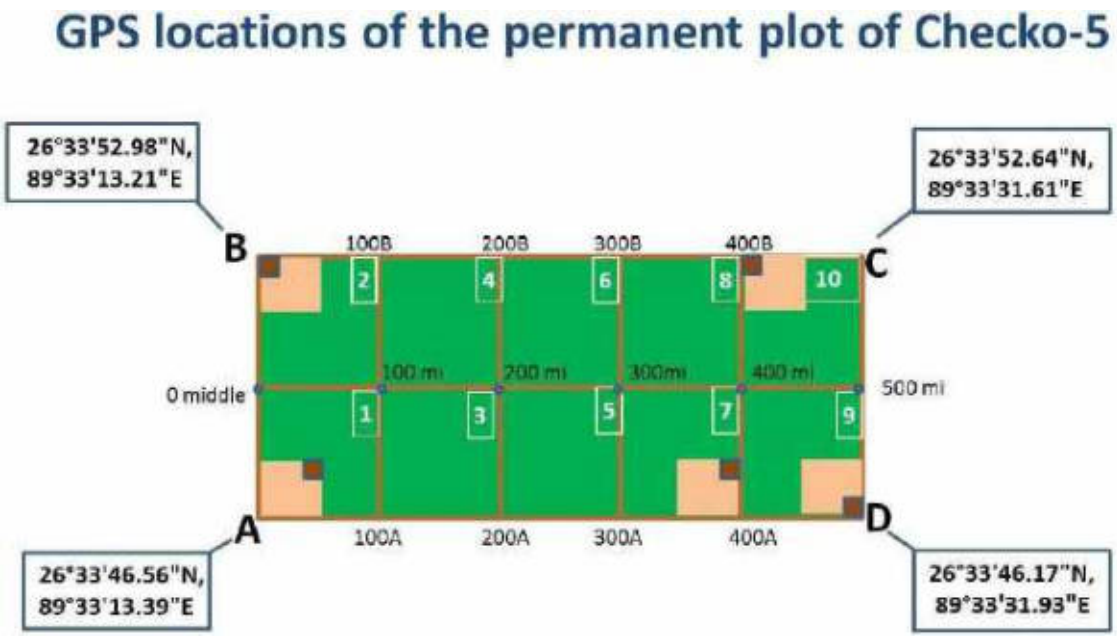


Figure 134: GPS location of the plot with schematic diagram of chosen subplots in Cheko

Table 242: Latitude / Longitude of all the Subplots in Cheko

Subplot points	Latitude	Longitude	Tree Name
0 middle	26°33'49.67"N	89°33'13.68"E	Loha
100 middle	26°33'49.21"N	89°33'16.85"E	Baje kath
200 middle	26°33'49.50"N	89°33'20.50"E	Lokta
300 middle	26°33'49.37"N	89°33'24.43"E	Bhutia Lapche
400 middle	26°33'49.26"N	89°33'28.03"E	Lapche
500 middle	26°33'49.15"N	89°33'31.64"E	Lampate
100 A	26°33'46.08"N	89°33'17.42"E	Junglee jaam
100 B	26°33'52.89"N	89°33'17.12"E	Katus
200 A	26°33'46.26"N	89°33'20.74"E	Lasune lali
200 B	26°33'52.91"N	89°33'20.41"E	Jarul
300 A	26°33'45.96"N	89°33'24.32"E	Harre Lali
300 B	26°33'52.75"N	89°33'24.48"E	Lapche
400 A	26°33'45.65"N	89°33'28.62"E	Tetul
400 B	26°33'52.65"N	89°33'28.01"E	Jarul

Table 243: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Cheko

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°33'48.07"N	89°33'13.49"E	26°33'52.87"N	89°33'13.39"E
	50b	26°33'47.89"N	89°33'15.26"E		
	50c	26°33'46.26"N	89°33'15.26"E		
Subplot 2	50a	26°33'51.17"N	89°33'13.50"E	26°33'47.75"N	89°33'15.17"E
	50b	26°33'51.28"N	89°33'15.18"E		
	50c	26°33'52.91"N	89°33'15.20"E		
Subplot 7	50a	26°33'47.46"N	89°33'27.70"E	26°33'47.27"N	89°33'27.54"E
	50b	26°33'47.66"N	89°33'25.84"E		
	50c	26°33'45.82"N	89°33'26.22"E		
Subplot 9	50a	26°33'47.59"N	89°33'31.63"E	26°33'46.17"N	89°33'31.82"E
	50b	26°33'47.50"N	89°33'29.53"E		
	50c	26°33'45.86"N	89°33'30.10"E		
Subplot 10	50a	26°33'52.51"N	89°33'29.84"E	26°33'52.56"N	89°33'27.99"E
	50b	26°33'51.11"N	89°33'29.52"E		
	50c	26°33'51.04"N	89°33'27.92"E		

6.3.3. Inventorization of Flora

Table 244: Documentation of all tree species in all the Subplots in Cheko

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp7	Sp9	Sp10	Total
1	*Acer oblongum*	Hookka/phirfire		5	28	11		**44**
2	*Actinodaphne obovata*	Mondola/runche				6		**6**
3	*Albizia lucidor*	Potka sirish				1		**1**
4	*Albizia procera*	Sada sirish/swet sirish	16		3			**19**
5	*Albizzia Lebbec*	Kala sirish	7				1	**8**
6	*Alstonia scholaris*	Chatiyan/chatim	1	1			1	**3**
7	*Amoora rohituka*	Lasooni lali/rosuni lali	11	9	5	9	4	**38**
8	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali	9	1	3	3	2	**18**
9	*Antidesma acidum*	Archal				1		**1**
10	*Baccaurea ramiflora*	Notko/lotka/kusum	5	19	10	13	3	**50**
11	*Balakata baccata*	Akhataru/akhataruwa	3	3		2	7	**15**
12	*Bischofia javanica*	Kainjal			2	8		**10**
13	*Bombax ceiba*	Simul			1		1	**2**
14	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo	6	1	3		2	**12**
15	*Careya arborea*	Kumbhi	1					**1**
16	*Castanopsis hystrix*	Katus	8	5	7		5	**25**
17	*Castanopsis indica*	Kala katus/dhalney katus		3				**3**
18	*Cephalanthus tetrandra*	Kali kath		1		6		**7**
19	*Chisocheton cumingianus*	Fata Lali	4		13	3	7	**27**
20	*Chukrasia tabularis*	Chikrasi/ chekrasi		1	5	6	13	**25**

21	*Cinnamomum bejolghota*	Jungli tejpata		4	1	3		**8**
22	*Cinnamomum glaucescens*	Malagiri	1					**1**
23	*Citrus indica*	Ramsantala/ junglee komola		1				**1**
24	*Dillenia indica*	Chalta /paachpholia/ pachkol		4	14	9	18	**45**
25	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta	1	2			1	**4**
26	*Elaeocarpus aristatus*	Dalchiurey		1	1	3		**5**
27	*Elaeocarpus varuua*	BHADRASE/ LALPATEY / JUNGLI JALPAI (pic taken)	2	4	2	7	2	**17**
28	*Engelhardtia spicata*	Mahua		6				**6**
29	*Erhetia wallitiana*	BOHORI (Pic taken)				1		**1**
30	*Eurya acuminata*	Jhingney katoos/ jhinjhini		8	1	1		**10**
31	*Ficus elastica*	Rubber	1					**1**
32	*Ficus semicordata*	Khasre/kukath		24	6	31		**61**
33	*Garuga pinnata*	Dabdabey		3	3	2		**8**
34	*Gmelina arborea*	Gamar/gamari	1		1		2	**4**
35	*Holarrhena pubescens*	Kurchi/ khirra	2	1			1	**4**
36	*Lagerstroemia parviflora*	Baaje/sidha		11	48	71	1	**131**
37	*Lagerstroemia speciosa*	Jarul	26	39	21	37	34	**157**
38	*Litsea lancifolia*	Mokai		1		7		**8**
39	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali				2		**2**
40	*Macaranga denticulata*	Maleta/malata		3	2	1		**6**
41	*Machilus gamblei*	Kawla/ampate/ampate kawla					8	**8**
42	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	1	1	10	36	43	**91**
43	*Meliosma simplicifolia*	Patpatey	16		7		2	**25**
44	*Monoon simiarum*	Laapche / laapshi	5		51		17	**73**
45	*Morinda angustifolia*	Halde kath		4		3		**7**
46	*Morus indica*	Toonth/ tunt				3		**3**
47	*Neolamarckia cadamba*	Kadam		1				**1**
48	*Oroxylum indicum*	Totola		1	1	2		**4**
49	*Polyalthia simiarum*	Bhutia lapche	42	2	29	9	5	**87**
50	*Premna bengalensis*	Gidari/gindari/gandhali			1		3	**4**
51	*Quercus lanceaefolia*	Patley katoos		2				**2**
52	*Randia dumetorum*	Mowkata				1		**1**
53	*Schima wallichii*	Chiloni/ chilauney	41	29	9	2	2	**83**
54	*Shorea robusta*	Sal	3	3				**6**
55	*Sloanea sterculiacea*	Kadam katus	4		1	13	7	**25**
56	*Sterculia lanceaefolia*	Bakain/bakane	1		3		6	**10**
57	*Sterculia villosa*	Udla / odal	1					**1**
58	*Stereospermum tetragonum*	Parari		9		4	3	**16**
59	*Syzygium cumini*	Jamun/khude jam		1	2		5	**8**
60	*Syzygium jambolanum*	pani jam/kancha jam	4	10	4	10	2	**30**
61	*Syzygium operculatum*	Kath jam		1				**1**
62	*Tamarindus indica*	Tetul				1		**1**
63	*Terminalia bellirica*	Bahera/bhaola	1	3	2		2	**8**
64	*Terminalia chebula*	Horitoki/harra	4		2		2	**8**
65	*Terminalia crenulata*	Pakasal/akasaj		4				**4**
66	*Toona hexandra*	Toon/tuni	1					**1**

67	*Turpinia pomifera*	Thali	1	25	2	20		**48**
68	*Vitex peduncularis*	Charai goura/charai garua	33	14	8	6	16	**77**
69	*Xylia xylocarpa*	Loha kath		1				**1**
70	*Zanthoxylum armatum*	Timbur	4		4			**8**
Total			**267**	**272**	**316**	**354**	**228**	**1437**

Table 245: Statistical analysis of all the Tree Species in Cheko

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acer oblongum*	44	60	1.61	8.80	3.06	14.67	3.60	8.27	**0.95**	**3.46**
2	*Actinodaphne obovata*	6	20	0.54	1.20	0.42	6.00	1.47	2.43		
3	*Albizia lucidor*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
4	*Albizia procera*	19	40	1.08	3.80	1.32	9.50	2.33	4.73		
5	*Albizzia Lebbec*	8	40	1.08	1.60	0.56	4.00	0.98	2.61		
6	*Alstonia scholaris*	3	60	1.61	0.60	0.21	1.00	0.25	2.07		
7	*Amoora rohituka*	38	100	2.69	7.60	2.64	7.60	1.86	7.20		
8	*Amoora wallichii*	18	100	2.69	3.60	1.25	3.60	0.88	4.82		
9	*Antidesma acidum*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
10	*Baccaurea ramiflora*	50	100	2.69	10.00	3.48	10.00	2.45	8.62		
11	*Balakata baccata*	15	80	2.15	3.00	1.04	3.75	0.92	4.11		
12	*Bischofia javanica*	10	40	1.08	2.00	0.70	5.00	1.23	3.00		
13	*Bombax ceiba*	2	40	1.08	0.40	0.14	1.00	0.25	1.46		
14	*Callicarpa arborea*	12	80	2.15	2.40	0.84	3.00	0.74	3.72		
15	*Careya arborea*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
16	*Castanopsis hystrix*	25	80	2.15	5.00	1.74	6.25	1.53	5.42		
17	*Castanopsis indica*	3	20	0.54	0.60	0.21	3.00	0.74	1.48		
18	*Cephalanthus tetrandra*	7	40	1.08	1.40	0.49	3.50	0.86	2.42		
19	*Chisocheton cumingianus*	27	80	2.15	5.40	1.88	6.75	1.66	5.69		
20	*Chukrasia tabularis*	25	80	2.15	5.00	1.74	6.25	1.53	5.42		
21	*Cinnamomum bejolghota*	8	60	1.61	1.60	0.56	2.67	0.65	2.82		
22	*Cinnamomum glaucescens*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
23	*Citrus indica*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
24	*Dillenia indica*	45	80	2.15	9.00	3.13	11.25	2.76	8.04		
25	*Dillenia pentagyna*	4	60	1.61	0.80	0.28	1.33	0.33	2.22		
26	*Elaeocarpus aristatus*	5	60	1.61	1.00	0.35	1.67	0.41	2.37		
27	*Elaeocarpus varuua*	17	100	2.69	3.40	1.18	3.40	0.83	4.71		
28	*Engelhardtia spicata*	6	20	0.54	1.20	0.42	6.00	1.47	2.43		
29	*Erhetia wallitiana*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
30	*Eurya acuminata*	10	60	1.61	2.00	0.70	3.33	0.82	3.13		
31	*Ficus elastica*	1	20	0.54	0.20	0.07	1.00	0.25	0.85		
32	*Ficus semicordata*	61	60	1.61	12.20	4.24	20.33	4.99	10.85		
33	*Garuga pinnata*	8	60	1.61	1.60	0.56	2.67	0.65	2.82		
34	*Gmelina arborea*	4	60	1.61	0.80	0.28	1.33	0.33	2.22		
35	*Holarrhena pubescens*	4	60	1.61	0.80	0.28	1.33	0.33	2.22		
36	*Lagerstroemia parviflora*	131	80	2.15	26.20	9.12	32.75	8.03	19.30		
37	*Lagerstroemia speciosa*	157	100	2.69	31.40	10.93	31.40	7.70	21.32		

38	*Litsea lancifolia*	8	40	1.08	1.60	0.56	4.00	0.98	2.61
39	*Litsea monopetala*	2	20	0.54	0.40	0.14	2.00	0.49	1.17
40	*Macaranga denticulata*	6	60	1.61	1.20	0.42	2.00	0.49	2.52
41	*Machilus gamblei*	8	20	0.54	1.60	0.56	8.00	1.96	3.06
42	*Mallotus nudiflorus*	91	100	2.69	18.20	6.33	18.20	4.46	13.49
43	*Meliosma simplicifolia*	25	60	1.61	5.00	1.74	8.33	2.04	5.40
44	*Monoon simiarum*	73	60	1.61	14.60	5.08	24.33	5.97	12.66
45	*Morinda angustifolia*	7	40	1.08	1.40	0.49	3.50	0.86	2.42
46	*Morus indica*	3	20	0.54	0.60	0.21	3.00	0.74	1.48
47	*Neolamarckia cadamba*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
48	*Oroxylum indicum*	4	60	1.61	0.80	0.28	1.33	0.33	2.22
49	*Polyalthia simiarum*	87	100	2.69	17.40	6.05	17.40	4.27	13.01
50	*Premna bengalensis*	4	40	1.08	0.80	0.28	2.00	0.49	1.84
51	*Quercus lanceaefolia*	2	20	0.54	0.40	0.14	2.00	0.49	1.17
52	*Randia dumetorum*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
53	*Schima wallichii*	83	100	2.69	16.60	5.78	16.60	4.07	12.54
54	*Shorea robusta*	6	40	1.08	1.20	0.42	3.00	0.74	2.23
55	*Sloanea sterculiacea*	25	80	2.15	5.00	1.74	6.25	1.53	5.42
56	*Sterculia lanceaefolia*	10	60	1.61	2.00	0.70	3.33	0.82	3.13
57	*Sterculia villosa*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
58	*Stereospermum tetragonum*	16	60	1.61	3.20	1.11	5.33	1.31	4.03
59	*Syzygium cumini*	8	60	1.61	1.60	0.56	2.67	0.65	2.82
60	*Syzygium jambolanum*	30	100	2.69	6.00	2.09	6.00	1.47	6.25
61	*Syzygium operculatum*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
62	*Tamarindus indica*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
63	*Terminalia bellirica*	8	80	2.15	1.60	0.56	2.00	0.49	3.20
64	*Terminalia chebula*	8	60	1.61	1.60	0.56	2.67	0.65	2.82
65	*Terminalia crenulata*	4	20	0.54	0.80	0.28	4.00	0.98	1.80
66	*Toona hexandra*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
67	*Turpinia pomifera*	48	80	2.15	9.60	3.34	12.00	2.94	8.43
68	*Vitex peduncularis*	77	100	2.69	15.40	5.36	15.40	3.78	11.82
69	*Xylia xylocarpa*	1	20	0.54	0.20	0.07	1.00	0.25	0.85
70	*Zanthoxylum armatum*	8	40	1.08	1.60	0.56	4.00	0.98	2.61

a. Tree Species:

A total number of 1437 trees were documented under 70 tree species from this permanent plot at Cheko. Similar to NRVK this plot was also represented by diverse miscellaneous vegetation.

The highest number of individual trees was contributed by *Lagerstroemia speciosa* (157) IVI =21.32 found in all the 5 subplots and hence recording 100% frequency, followed by *Lagerstroemia parviflora* (131) with IVI = 19.30 with 80% frequency as this species was found in 4 subplots only.

The other dominant species that recorded less than 100 trees but with above 50 individuals were *Mallotus nudiflorus* documenting 91 trees and (IVI = 13.49), *Polyalthia simiarum* with 87 trees (IVI = 13.01), *Monoon simiarum* with 73 trees (IVI = 12.66), *Schima wallichii* having 83 individuals (IVI =

12.54), *Vitex peduncularis* with 77 trees (IVI = 11.82), *Ficus semicordata* having 61 trees (IVI = 10.85) and *Baccaurea ramiflora* with 50 trees (IVI=8.62).

Species with the highest frequency (100%) were *Amoora rohituka, Amoora wallichii, Baccaurea ramiflora, Elaeocarpus varuua, Lagerstroemia speciosa, Mallotus nudiflorus, Polyalthia simiarum, Schima wallichii, Syzygium jambolanum* and *Vitex peduncularis* found in all the 5 subplots. 22 tree species, recorded the least frequency (20%), were found to be existed in only a single subplot. Tree species like *Albizia lucidor, Antidesma acidum, Careya arborea, Cinnamomum glaucescens, Citrus indica, Ehretia wallitiana, Ficus elastic, Neolamarckia cadamba, Randia dumetorum, Sterculia villosa, Syzygium operculatum, Tamarindus indica, Toona hexandra* and *Xylia xylocarpa* contributed with only a single individual in the one subplot that they occurred.

Subplot 2 represented the highest diversity of tree species (43) mostly contributed by *Lagerstroemia speciosa* (39 individuals), *Schima wallichii* (29 individuals), *Turpinia pomifera* (25 individuals) and *Ficus semicordata* (24 individuals).

The Simpson's Diversity Index (0.95) and Shannon's Diversity Index (3.46) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 95% chance that 2 individuals selected at random from this plot would be from different tree species.

Bombax ceiba was recorded as the tallest tree with a height of 73.15 m and a maximum GBH of 553.72 cm (subplot-7) and *Macaranga denticulata* was recorded as the shortest tree with a height of 4.27m and GBH of 68.58 cm (subplot-9) (Table: 246).

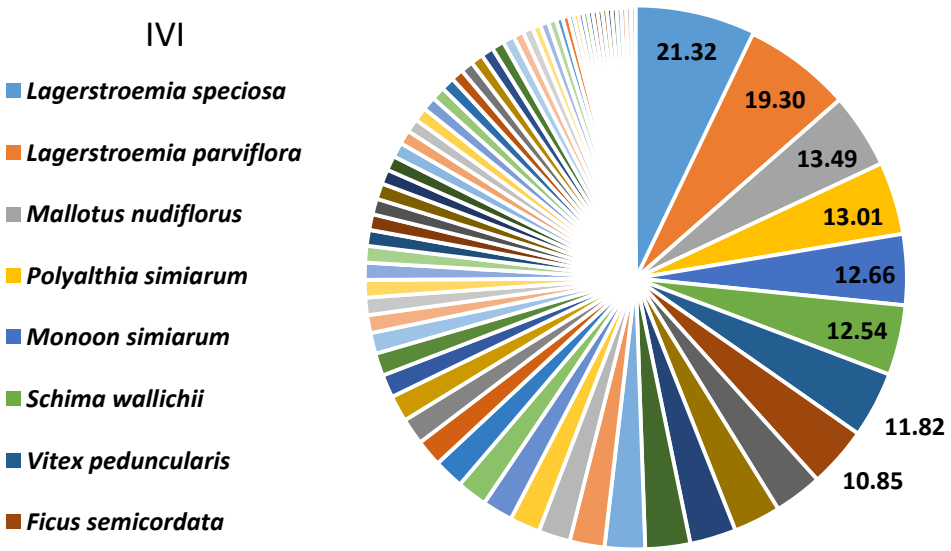


Figure 135: IVI Values of Dominant Tree Species in Cheko

Table 246: Average Height and GBH data of all the subplots in Cheko

Sl. No	Scientific Name	SP 1		SP 2		SP 7		SP 9		SP 10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acer oblongum*			13.66	54.86	9.08	39.55	16.93	68.35		
2	*Actinodaphne obovata*							9.96	45.30		
3	*Albizia lucidor*							53.34	228.60		
4	*Albizia procera*	18.19	79.38			15.04	65.19				
5	*Albizzia Lebbec*	22.47	92.17							10.67	33.02
6	*Alstonia scholaris*	11.28	50.80	5.49	30.48					10.97	33.02
7	*Amoora rohituka*	28.79	134.39	33.46	120.79	36.88	145.29	19.44	87.49	12.04	99.06
8	*Amoora wallichii*	28.35	147.04	65.53	203.20	9.25	51.65	7.92	29.63	10.67	39.37
9	*Antidesma acidum*							5.49	27.94		
10	*Baccaurea ramiflora*	9.08	39.12	9.38	39.70	9.60	34.54	7.20	35.17	5.28	32.17
11	*Balakata baccata*	39.32	233.68	42.37	176.95			27.74	88.90	25.69	112.12
12	*Bischofia javanica*					25.76	110.49	18.75	72.71		
13	*Bombax ceiba*					73.15	553.72			67.67	533.40
14	*Callicarpa arborea*	12.14	44.87	16.76	50.80	13.61	62.65			11.43	27.94
15	*Careya arborea*	9.75	30.48								
16	*Castanopsis hystrix*	31.36	206.69	34.69	149.35	40.58	227.87			23.41	104.14
17	*Castanopsis indica*			34.24	243.84						
18	*Cephalanthus tetrandra*			6.71	27.94			11.02	44.87		
19	*Chisocheton cumingianus*	29.64	158.12			23.09	103.55	9.45	38.10	10.28	63.14
20	*Chukrasia tabularis*			10.67	25.40	48.28	162.05	28.96	114.72	8.37	47.09
21	*Cinnamomum bejolghota*			21.79	70.49	15.85	63.50	11.58	46.57		
22	*Cinnamomum glaucescens*	67.06	609.60								
23	*Citrus indica*			12.19	53.34						
24	*Dillenia indica*			32.69	113.67	26.10	105.05	16.09	92.00	23.98	170.46
25	*Dillenia pentagyna*	47.55	304.80	20.12	95.25					10.97	116.84
26	*Ehretia wallichiana*							8.53	27.94		
27	*Elaeocarpus aristatus*			33.53	111.76	7.92	27.94	26.21	120.23		
28	*Elaeocarpus varuua*	8.38	39.37	18.21	74.93	12.50	76.20	19.42	74.39	6.40	35.56
29	*Engelhardtia spicata*			34.54	141.82						
30	*Eurya acuminata*			20.73	86.68	9.14	66.04	9.14	48.26		
31	*Ficus elastica*	24.69	71.12								
32	*Ficus semicordata*			10.53	43.39	9.40	39.79	9.51	44.57		
33	*Garuga pinnata*			27.64	112.61	23.77	115.99	26.67	68.58		
34	*Gmelina arborea*	21.95	96.52			20.42	96.52			14.17	109.22
35	*Holarrhena pubescens*	9.91	48.26	15.24	35.56					7.92	27.94
36	*Lagerstroemia parviflora*			14.41	57.50	9.00	41.75	10.71	45.61	17.68	58.42
37	*Lagerstroemia speciosa*	22.43	107.56	23.25	96.26	20.96	101.60	28.48	123.84	26.77	165.17
38	*Litsea lancifolia*			15.85	25.40			8.23	47.17		
39	*Litsea monopetala*							8.84	29.21		
40	*Macaranga denticulata*			8.94	37.25	23.93	91.44	4.27	68.58		
41	*Machilus gamblei*									5.94	38.42

42	*Mallotus nudiflorus*	45.72	127.00	9.14	30.48	27.16	78.74	19.56	70.49	15.80	77.74
43	*Meliosma simplicifolia*	16.57	59.21			18.33	77.29			6.71	31.75
44	*Monoon simiarum*	12.01	52.32			12.43	48.66			9.90	34.36
45	*Morinda angustifolia*			11.05	55.25			9.14	35.56		
46	*Morus indica*							33.83	83.82		
47	*Neolamarckia cadamba*			36.88	152.40						
48	*Oroxylum indicum*			13.72	27.94	12.19	66.04	8.23	41.91		
49	*Polyalthia simiarum*	14.06	53.22	14.78	45.72	18.88	61.66	15.41	81.84	16.82	60.96
50	*Premna bengalensis*					26.21	121.92			11.79	67.73
51	*Quercus lanceifolia*			15.70	82.55						
52	*Randia dumetorum*							4.57	33.02		
53	*Schima wallichii*	25.46	102.53	21.68	89.60	14.94	58.98	16.00	76.20	27.28	234.95
54	*Shorea robusta*	35.76	187.11	35.36	238.76						
55	*Sloanea sterculiacea*	14.40	52.07			44.20	152.40	17.07	85.38	9.71	78.38
56	*Sterculia villosa*	47.55	330.20								
57	*Sterculia lanceifolia*	19.81	73.66			13.72	55.03			8.53	33.02
58	*Stereospermum tetragonum*			20.42	83.82			18.59	50.80	5.18	44.03
59	*Syzygium cumini*			15.85	99.06	9.60	43.18			11.22	54.36
60	*Syzygium jambolanum*	23.93	83.19	17.65	63.75	11.89	53.98	19.51	74.42	20.42	81.28
61	*Syzygium operculatum*			15.85	71.12						
62	*Tamarindus indica*							21.34	114.30		
63	*Terminalia bellirica*	6.71	25.40	37.69	118.53	42.98	151.13			17.22	125.73
64	*Terminalia chebula*	28.50	134.62			44.65	205.74			36.58	130.81
65	*Terminalia crenulata*			49.83	146.05						
66	*Toona hexandra*	42.67	406.40								
67	*Turpinia pomifera*	12.80	30.48	19.21	71.42	18.75	68.58	15.48	60.58		
68	*Vitex peduncularis*	12.17	49.65	12.76	55.52	11.01	51.12	14.12	47.84	6.29	35.24
69	*Xylia xylocarpa*			47.85	157.48						
70	*Zanthoxylum armatum*	16.69	66.68			22.94	71.76				

Table 247: Documentation of Shrub species (including tree saplings) in all the Subplots in Cheko

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp9	Sp10	Sp7	Total
1	*Ageratum conyzoides*		0	0	0	113	72	**185**
2	*Chromalaena odorata*		0	0	0	0	627	**627**
3	*Cinnamomum bejolghota*	Jongli Tejpata	0	0	0	92	127	**219**
4	*Cinnamomum tamala*	Tejpata	0	0	41	0	17	**58**
5	*Clerodendrum viscosum*	Bhant/Ghentu	421	665	572	458	0	**2116**
6	*Coffea benghalensis*	Chhagolneri/Koriphool	598	534	514	362	0	**2008**
7	*Justicia gendarussa*	Jawgotmadon	0	0	0	0	20	**20**
8	*Lantana camara*	Putushphool	27	0	0	0	0	**27**
9	*Melastoma malabathricum*		56	0	113	0	55	**224**
10	*Murraya koenigii*	Karipata	0	109	99	25	34	**267**
11	*Phlogacanthus thyrsiflorus*	Lal Bashok/Kalo Bashok	0	0	0	0	16	**16**
12	*Tragia involucrata*	Chotropata	281	0	433	212	65	**991**
Total			**1383**	**1308**	**1772**	**1262**	**1033**	**6758**

Table 248: Statistical analysis of all the Shrub Species (including tree saplings) in Cheko

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ageratum conyzoides*	185	40	6.90	148.00	2.74	92.50	3.95	13.59	**0.78**	**1.77**
2	*Chromalaena odorata*	627	20	3.45	501.60	9.28	627.00	26.78	39.51		
3	*Cinnamomum bejolghota*	219	40	6.90	175.20	3.24	109.50	4.68	14.81		
4	*Cinnamomum tamala*	58	40	6.90	46.40	0.86	29.00	1.24	8.99		
5	*Clerodendrum viscosum*	2116	80	13.79	1692.80	31.31	529.00	22.60	67.70		
6	*Coffea benghalensis*	2008	80	13.79	1606.40	29.71	502.00	21.44	64.95		
7	*Justicia gendarussa*	20	20	3.45	16.00	0.30	20.00	0.85	4.60		
8	*Lantana camara*	27	20	3.45	21.60	0.40	27.00	1.15	5.00		
9	*Melastoma malabathricum*	224	60	10.34	179.20	3.31	74.67	3.19	16.85		
10	*Murraya koenigii*	267	80	13.79	213.60	3.95	66.75	2.85	20.60		
11	*Phlogacanthus thyrsiflorus*	16	20	3.45	12.80	0.24	16.00	0.68	4.37		
12	*Tragia involucrata*	991	80	13.79	792.80	14.66	247.75	10.58	39.04		

b. Shrub Species:

A total number of 6758 individuals under 12 shrub species were documented from this permanent plot. The vegetation was dominated by *Clerodendrum viscosum* (IVI = 67.70), *Coffea benghalensis* (IVI = 64.95), *Chromalaena odorata* (IVI = 39.51), *Tragia involucrata* (IVI = 39.04) and *Murraya koenigii* (IVI = 20.60) (Figure: 136). Maximum numbers of individuals were contributed by *Clerodendrum viscosum* (2116) and *Coffea benghalensis* (2008).

With maximum frequency (80%) *Clerodendrum viscosum, Coffea benghalensis, Murraya koenigii* and *Tragia involucrata* were found in four subplots. Whereas *Chromalaena odorata, Justicia gendarussa, Lantana camara* and *Phlogacanthus thyrsiflorus* were found to have least frequency (20%) and documented only from single subplot. Minimum contribution was made by *Phlogacanthus thyrsiflorus, Justicia gendarussa* and *Lantana camara* with 16, 20 and 27 individuals respectively.

The Simpson's Diversity index (0.78) and Shannon's Diversity Index (1.77) indicated that the plot is moderately diverse with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 78% chance that 2 individuals selected at random from this plot would be from different shrub species.

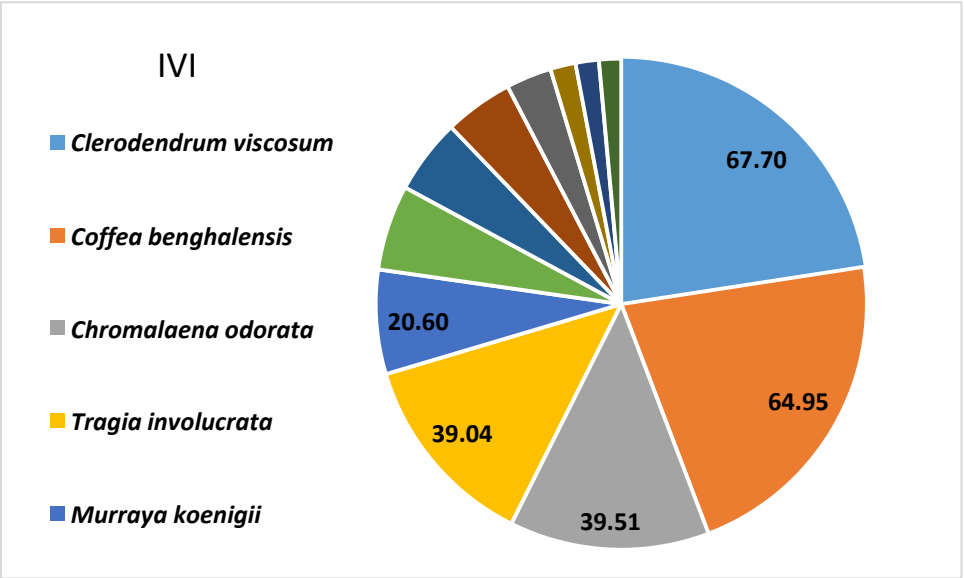


Figure 136: IVI Values of Dominant Shrubs (including tree saplings) in Cheko

Table 249: Documentation of Liana species in all the Subplots in Cheko

Sl. No.	Liana Species	Common name	Sp1	Sp2	Sp9	Sp10	Sp7	Total
1	*Smilax zeylanica*	Kumri	45	29	13	0	0	**87**
2	*Tinospora sinensis*		0	0	0	42	0	**42**
Total			**45**	**29**	**13**	**42**	**0**	**129**

Table 250: Statistical analysis of all the Liana species in Cheko

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Smilax zeylanica*	87	60	75	69.60	67.44	29.00	40.8	183.29	**0.44**	**0.63**
2	*Tinospora sinensis*	42	20	25	33.60	32.56	42.00	59.2	116.71		

c. Liana Species:

Only two liana species viz. *Smilax zeylanica* (IVI = 183.29) and *Tinospora sinensis* (IVI = 116.71) having 129 individuals were documented from the plot. *Tinospora sinensis* was documented from subplot 10 only. The plot indicated low diversity of liana species with very less richness and evenness as reflected by Simpson's diversity index (0.44) and Shannon's diversity index (0.63).

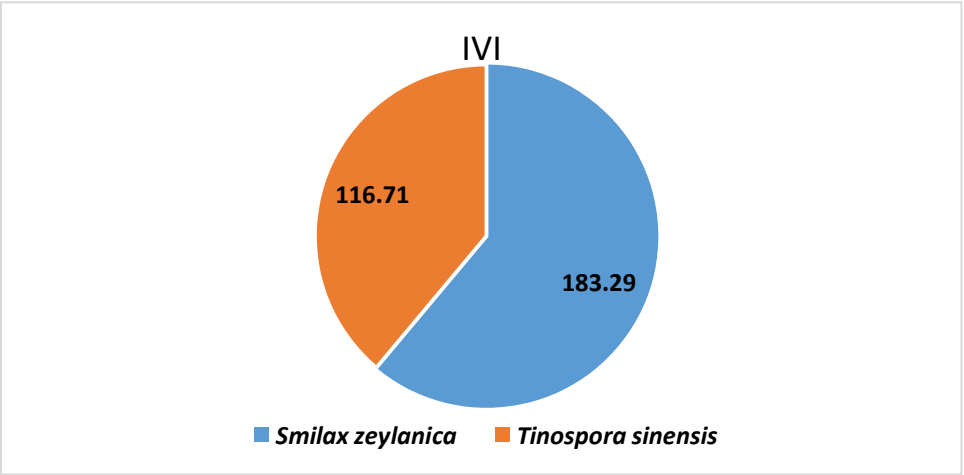


Figure 137: IVI Values of Dominant Liana species in Cheko

Table 251: Documentation of all Herb species in all the nested Subplots in Cheko

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp9	Sp10	Sp7	Total
1	*Andrographis paniculata*	Kalmegh	0	16	9	0	0	**25**
2	*Boerhavia repens*	Punarnaba	0	0	0	20	0	**20**
3	*Croton bonplandianum*	Bon-tulsi	0	0	0	27	0	**27**
4	*Curcuma amada*	Am-ada	1	0	0	12	0	**13**
5	*Curcuma longa*	Haldi	0	31	0	0	0	**31**
6	*Desmodium motorium*		32	23	0	4	0	**59**
7	*Diplazium esculentum*	Dhekia	11	0	238	0	0	**249**
8	*Dryopteris sikkimensis*	Jongli Dhekia	161	41	104	140	163	**609**
9	*Gomphrena celosioides*	Botamphool	0	0	0	6	0	**6**
10	*Hetaeria oblongifolia*		0	8	12	1	1	**22**
11	*Leucas grandis*	Shwetodrone	0	0	7	0	8	**15**
12	*Molineria capitulata*		0	44	0	17	0	**61**
13	*Oxalis debilis*	Amrul	45	0	0	0	0	**45**
14	*Polystichum lentum*		7	0	0	0	0	**7**
15	*Pteris longifolia*	Fern	0	115	0	55	76	**246**
16	*Pteris vittata*	Fern	0	0	0	61	0	**61**
17	*Rottboellia cochinchinensis*	Gaighash	33	10	300	261	210	**814**
18	*Selaginella monospora*		0	0	0	0	13	**13**
19	*Solanum sisymbriifolium*	Kantikori	0	0	31	0	0	**31**
20	*Typhonium trilobatum*	Kharkone	0	0	42	0	0	**42**
21	*Zeuxine strateumatica*	Orchid	1	0	0	1	3	**5**
Total			**291**	**288**	**743**	**605**	**474**	**2401**

Table 252: Statistical analysis of all the Herb Species in Cheko

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA %	IVI	SDI	H
1	*Andrographis paniculata*	25	40	4.76	500	1.04	12.50	1.44	7.24	**0.80**	**2.03**
2	*Boerhavia repens*	20	20	2.38	400	0.83	20.00	2.30	5.52		
3	*Croton bonplandianum*	27	20	2.38	540	1.12	27.00	3.11	6.62		
4	*Curcuma amada*	13	40	4.76	260	0.54	6.50	0.75	6.05		
5	*Curcuma longa*	31	20	2.38	620	1.29	31.00	3.57	7.24		
6	*Desmodium motorium*	59	40	4.76	1180	2.46	29.50	3.40	10.62		
7	*Diplazium esculentum*	249	40	4.76	4980	10.37	124.50	14.35	29.48		
8	*Dryopteris sikkimensis*	609	100	11.90	12180	25.36	121.80	14.04	51.31		
9	*Gomphrena celosioides*	6	20	2.38	120	0.25	6.00	0.69	3.32		
10	*Hetaeria oblongifolia*	22	80	9.52	440	0.92	5.50	0.63	11.07		
11	*Leucas grandis*	15	40	4.76	300	0.62	7.50	0.86	6.25		
12	*Molineria capitulata*	61	40	4.76	1220	2.54	30.50	3.51	10.82		
13	*Oxalis debilis*	45	20	2.38	900	1.87	45.00	5.19	9.44		
14	*Polystichum lentum*	7	20	2.38	140	0.29	7.00	0.81	3.48		
15	*Pteris longifolia*	246	60	7.14	4920	10.25	82.00	9.45	26.84		
16	*Pteris vittata*	61	20	2.38	1220	2.54	61.00	7.03	11.95		
17	*Rottboellia cochinchinensis*	814	100	11.90	16280	33.90	162.80	18.76	64.57		
18	*Selaginella monospora*	13	20	2.38	260	0.54	13.00	1.50	4.42		
19	*Solanum sisymbriifolium*	31	20	2.38	620	1.29	31.00	3.57	7.24		
20	*Typhonium trilobatum*	42	20	2.38	840	1.75	42.00	4.84	8.97		
21	*Zeuxine strateumatica*	5	60	7.14	100	0.21	1.67	0.19	7.54		

d. Herb Species:

A total number of 2401 individual belonging to 21 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by *Rottboellia cochinchinensis* (IVI = 64.57) and *Dryopteris sikkimensis* (IVI =51.31) followed by *Diplazium esculentum* (IVI = 29.48) and *Pteris longifolia* (IVI = 26.84). Maximum numbers of individuals were contributed by *Rottboellia cochinchinensis* (814) and *Dryopteris sikkimensis* (609).

With highest frequency (100%) *Rottboellia cochinchinensis* and *Dryopteris sikkimensis* were found in all the subplots. *Boerhavia repens, Croton bonplandianum, Curcuma longa, Gomphrena celosioides, Oxalis debilis, Polystichum lentum, Pteris vittata, Selaginella monospora, Solanum sisymbriifolium* and *Typhonium trilobatum* were found to have least frequency (20%) and documented only from single subplot. *Zeuxine strateumatica*, *Gomphrena celosioides* and *Polystichum lentum* contributed the vegetation with 5, 6 and 7 individuals respectively.

The Simpson's Diversity index (0.80) and Shannon's Diversity Index (2.03) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 80% chance that 2 individuals selected at random from this plot would be from different herb species.

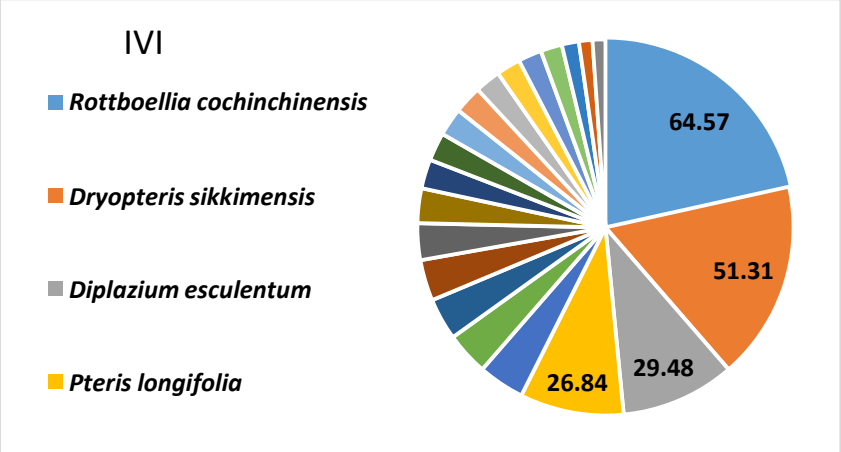


Figure 138: IVI Values of Dominant Herb Species in Cheko

Table 253: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Cheko

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp9	Sp10	Sp7	Total
1	*Coccinia cordifolia*	Telakucha	0	0	0	23	0	**23**
2	*Ipomoea pes-tigridis*		40	0	0	0	0	**40**
3	*Lygodium flexuosum*		0	106	58	0	133	**297**
4	*Lygodium microphyllum*		125	40	26	21	255	**467**
5	*Persicaria chinensis*		0	0	0	0	21	**21**
6	*Piper betle*	Paan	7	244	299	56	0	**606**
7	*Piper longum*	Ponmorich	352	0	0	0	0	**352**
8	*Piper nigrum*	Golmorich	0	0	0	3	438	**441**
Total			**524**	**390**	**383**	**103**	**847**	**2247**

Table 254: Statistical analysis of all the Scrambler, creeper and twiner species in Cheko

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Coccinia cordifolia*	23	20	6.25	460	1.02	23.00	1.81	9.08	0.80	1.72
2	*Ipomoea pes-tigridis*	40	20	6.25	800	1.78	40.00	3.15	11.18		
3	*Lygodium flexuosum*	297	60	18.75	5940	13.22	99.00	7.79	39.75		
4	*Lygodium microphyllum*	467	100	31.25	9340	20.78	93.40	7.35	59.38		
5	*Persicaria chinensis*	21	20	6.25	420	0.93	21.00	1.65	8.84		
6	*Piper betle*	606	60	18.75	12120	26.97	202.00	15.89	61.61		
7	*Piper longum*	352	20	6.25	7040	15.67	352.00	27.69	49.60		
8	*Piper nigrum*	441	20	6.25	8820	19.63	441.00	34.69	60.56		

e. Scrambler, creeper and twiner species:

A total number of 2247 individuals under 8 climber species were documented from this permanent plot. The vegetation was co-dominated by *Piper betle* (IVI = 61.61), *Piper nigrum* (IVI = 60.56), *Lygodium microphyllum* (IVI = 59.38), *Piper longum* (IVI = 49.60) and *Lygodium flexuosum* (IVI =

39.75). Maximum number of individuals was also contributed by *Piper betle* (606), *Lygodium microphyllum* (467), *Piper nigrum* (441), *Piper longum* (352) and *Lygodium flexuosum* (297).

With maximum frequency (100%) *Lygodium microphyllum* was found in all the subplots. Whereas *Coccinia cordifolia*, *Ipomoea pes-tigridis, Persicaria chinensis, Piper longum*and *Piper nigrum* having 20% frequency, existed in only single subplot. *Persicaria chinensis* and *Coccinia cordifolia* contributed the vegetation with 21 and 23 individuals respectively.

The Simpson's Diversity index (0.80) and Shannon's Diversity Index (1.72) indicated higher diversity with moderate richness and evenness of climber species. Simpson's Diversity index also explains that there is 80% chance that 2 individuals selected at random from this plot would be from different climber species.

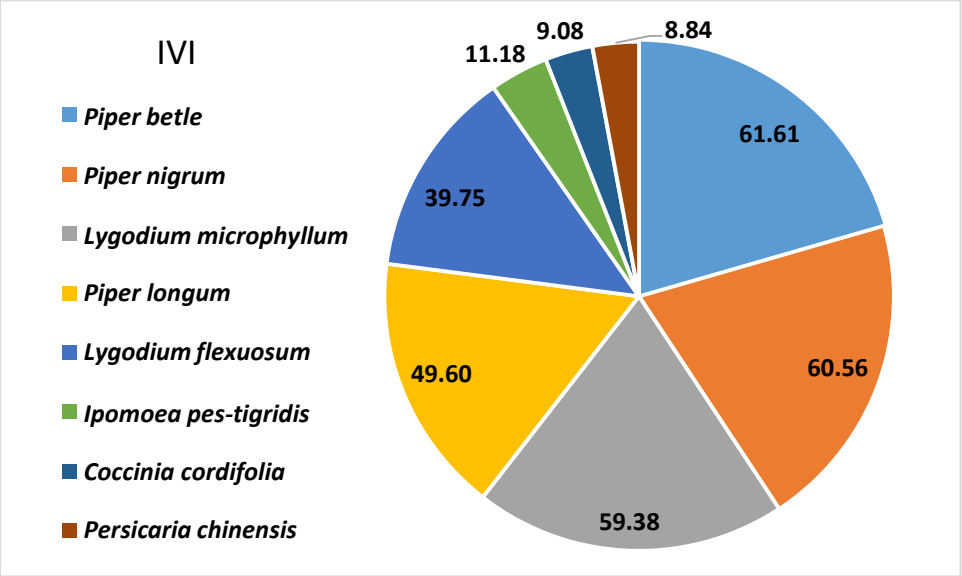


Figure 139: IVI Values of Dominant Scrambler, creeper and twiner species in Cheko

6.3.4. Inventory of Associated Bird Species

30 species of birds were documented in the selected subplots during our field tripto Cheko. Some IUCN red listed species like Red Breasted Parakeet (NT) and mostly important White rumped Vulture (CR) were sighted. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 255: All Bird species documented Subplot wise in Cheko

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Black crested Bulbul	*Rubigula flaviventris*	LC	Adjacent to Subplot 9
2	Black drongo	*Dicrurus macrocercus*	LC	Adjacent to Subplot 9
3	Black hooded oriole	*Oriolus xanthornus*	LC	Subplots 9, 10
4	Black kite	*Milvus migrans*	LC	Subplot 10
5	Brown breasted flycatcher	*Muscicapa muttui*	LC	Subplot 4
6	Common Hill Myna	*Gracula religiosa*	LC	Subplots 8, 10
7	Common Myna	*Acridotheres tristis*	LC	Subplot 4
8	Common Tailor Bird	*Orthotomus sutorius*	LC	Subplot 10
9	Copper smith Barbet	*Psilopogon haemacephalus*	LC	Subplot 10
10	Golden oriole	*Oriolus kundoo*	LC	Subplot 2
11	Greater Coucal	*Centropus sinensis*	LC	Subplot 8
12	Greater racket tailed drongo	*Dicrurus paradiseus*	LC	Subplot 8
13	Greater yellow naped woodpecker	*Chrysophlegma flavinucha*	LC	Subplot 10
14	Green Back Tit	*Parus monticolus*	LC	Adjacent to Subplot 10
15	Indian Peafowl	*Pavo cristatus*	LC	Subplot 9, Adjacent to Subplot 9
16	Lineated Barbet	*Psilopogon lineatus*	LC	Subplot 9
17	Long Tailed Minivet	*Pericrocotus ethologus*	LC	Adjacent to Subplot 9
18	Olive backed pipit	*Anthus hodgsoni*	LC	Subplot 10
19	Oriental honey buzzard	*Pernis ptilorhynchus*	LC	Adjacent to Subplot 10
20	Oriental Magpie Robin	*Copsychus saularis*	LC	Adjacent to Subplot 4
21	Pale billed flower pecker	*Dicaeum erythrorhynchos*	LC	Subplot 10
22	Purple sunbird	*Cinnyris asiaticus*	LC	Adjacent to Subplot 9
23	Red brested parakeet	*Psittacula alexandri*	NT	Between Subplots 5 and 6, Subplot 10
24	Red Vented bulbul	*Pycnonotus cafer*	LC	Adjacent to Subplot 7, Subplot 9
25	Shikra	*Accipiter badius*	LC	Subplot 10
26	Spotted Dove	*Spilopelia chinensis*	LC	Subplot 8
27	Stork billed kingfisher	*Pelargopsis capensis*	LC	Adjacent to Subplot 9
28	Streak throated woodpecker	*Picus xanthopygaeus*	LC	Adjacent to 10
29	Taiga Flycatcher	*Ficedula albicilla*	LC	Subplot 2
30	White rumped Vulture	*Gyps bengalensis*	CR	Subplot 10

6.4. PERMANENT PLOT: BARAHATI

6.4.1. NAME AND LOCATION OF THE AREA

- District: Jalpaiguri
- Division: Gorumara (WL-II)
- Range: Gorumara South
- Beat: Budhram
- Block: Barahati 2

The fourth field trip in North Bengal Plains was undertaken in Barahati-2 block under Gorumara South Range of Gorumara WL II Division during 22nd to 25th February, 2021.

Barahati is located in Budhram Beat of Gorumara South Range under Gorumara National Park located in the Dooars region of Jalpaiguri District, West Bengal, India. It is a medium-sized park with grasslands and forests and primarily known for its population of Indian one horn rhinoceros. It comprises an area of 79.99 sq km. The park is located on the flood plains of the Murti River, Jaldhaka River and Raidak River. The vegetation is mostly dominated by Sal (*Shorea robusta*), Siris (*Albizzia lebbeck*), Simul (*Bombax ceiba*), Bamboo groves, Terai grassland vegetation and tropical riverine reeds. The park has recorded fifty species of mammals, 194 species of birds, 22 species of reptiles, 7 species of turtles, 27 species of fish, and other macro and micro fauna.

Figure 140: Permanent plot selected at Barahati

6.4.2. Ground survey:

Figure 141: GPS location of the plot with schematic diagram of chosen subplots in Barahati

Table 256: Latitude / Longitude of all the Subplots in Barahati

Subplot points	Latitude	Longitude	Tree Name
100A	26°43'41.98"N	88°49'34.77"E	Sal
100B	26°43'45.22"N	88°49'34.57"E	Ampate
200A	26°43'42.09"N	88°49'31.12"E	Thalli
200B	26°43'45.47"N	88°49'30.94"E	Bundia
300A	26°43'42.43"N	88°49'27.52"E	Lasuni Lali
300B	26°43'45.74"N	88°49'27.44"E	Lasuni Lali
400A	26°43'42.74"N	88°49'23.92"E	Lasuni Lali
400B	26°43'45.97"N	88°49'23.70"E	Lasuni Lali
500A	26°43'42.95"N	88°49'20.28"E	Dhouli
500B	26°43'46.25"N	88°49'20.06"E	Pithali
600A	26°43'43.27"N	88°49'16.69"E	Patpate
600B	26°43'46.52"N	88°49'16.68"E	Gamari
700A	26°43'43.73"N	88°49'13.04"E	Kadam Katush
700B	26°43'46.96"N	88°49'13.04"E	Ampate
800A	26°43'43.79"N	88°49'9.52"E	Kaola
800B	26°43'46.93"N	88°49'9.41"E	Lasuni Lali
900A	26°43'44.07"N	88°49'5.90"E	Tatari
900B	26°43'47.24"N	88°49'5.77"E	Bohera

Table 257: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Barahati

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°43'43.33"N	88°49'38.20"E	26°43'41.59"N	88°49'38.07"E
	50b	26°43'43.54"N	88°49'36.38"E		
	50c	26°43'41.67"N	88°49'36.41"E		
Subplot 3	50a	26°43'44.06"N	88°49'27.48"E	26°43'42.51"N	88°49'27.58"E
	50b	26°43'43.95"N	88°49'29.24"E		
	50c	26°43'42.25"N	88°49'29.22"E		
Subplot 4	50a	26°43'45.84"N	88°49'25.60"E	26°43'45.67"N	88°49'27.39"E
	50b	26°43'44.37"N	88°49'25.49"E		
	50c	26°43'44.40"N	88°49'27.44"E		
Subplot 6	50a	26°43'44.69"N	88°49'20.18"E	26°43'43.02"N	88°49'20.18"E
	50b	26°43'44.79"N	88°49'18.42"E		
	50c	26°43'43.17"N	88°49'18.41"E		
Subplot 9	50a	26°43'47.11"N	88°49'7.44"E	26°43'47.14"N	88°49'5.85"E
	50b	26°43'45.67"N	88°49'7.47"E		
	50c	26°43'45.68"N	88°49'5.79"E		

6.4.3. Inventorization of Flora

Table 258: Documentation of all tree species in all the Subplots in Barahati

Sl. No.	Tree Species	Common name	Sp1	Sp3	Sp4	Sp6	Sp9	Total
1	*Actinodaphne obovata*	Mondola/runche	17	7	9	2	3	**38**
2	*Albizia chinensis*	Sirish			1		3	**4**
3	*Alstonia scholaris*	Chatiyan/chatim			2	1		**3**
4	*Amoora rohituka*	Lasooni lali/rosuni lali	11	38	41	1		**91**
5	*Amoora wallichii*	Doodh lali/ lali/ aare lali/ gota lali/ boro lali		3	1	18	1	**23**
6	*Andromeda elliptica*	Angeri	1	2	13	11	5	**32**
7	*Baccaurea ramiflora*	Notko/lotka/kusum		1	9	8		**18**
8	*Bischofia javanica*	Kainjal		1				**1**
9	*Bridelia retusa*	Kosai/ gayo	3	4			1	**8**
10	*Callicarpa arborea*	Bogdo/gogdo/goylo/khodo			6	3		**9**
11	*Careya arborea*	Kumbhi	1	1		3		**5**
12	*Casearia glomerata*	Bandarkhaja	2	5	5	1	2	**15**
13	*Casearia vareca*	Sada lali	11	1	1	3	4	**20**
14	*Castanopsis hystrix*	Katus	1			8	1	**10**
15	*Celtis tetrandra*	Kari/kuri		1				**1**
16	*Chisocheton cumingianus*	Fala lali / hara lali/ fata lali			4			**4**
17	*Chukrasia tabularis*	Chikrasi/ chekrasi	1	4		1	2	**8**
18	*Citrus indica*	Ramsantala/ junglee komola	1					**1**
19	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta	9		1		5	**15**
20	*Duabanga grandiflora*	Lampate			1			**1**

21	*Dysoxylum binectariferum*	Lahasune/ rasune				8	38	**46**
22	*Elaeocarpus varuna*	Bhadrase/ lalpatey / jungli jalpai				1		**1**
23	*Erythrina stricta*	Madar	2				3	**5**
24	*Evodia fraxinifolia*	Khanakpa		1				**1**
25	*Gmelina arborea*	Gamar/gamari/gambhir/gamarchika					1	**1**
26	*Holarrhena pubescens*	Kurchi/ khirra		23	22	6	10	**61**
27	*Ilex godajam*	Hatisura	1			3	1	**5**
28	*Lagerstroemia parviflora*	Sidha/ baaje	3	6	3	1	2	**15**
29	*Lagerstroemia speciosa*	Jarul	2	3	1	3	2	**11**
30	*Lannea coromandelica*	Jiga / jeol/ jiya	3	1	1	1	1	**7**
31	*Lasiococca symphyllifolia*	Jhakri/ jhakrikath	1	7	6	13		**27**
32	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali			5	16	2	**23**
33	*Litsea panamanja*	Choto kawla / masuri kawla		2				**2**
34	*Machilus gamblei*	Kawla/ampate/ ampate kawla	14		19	6	5	**44**
35	*Machilus glaucescens*	Khagor/bhale kawla/sada khador	1	13	8	6	22	**50**
36	*Magnolia champaca*	Chaamp				1		**1**
37	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	1	2	6	11	21	**41**
38	*Mallotus philippensis*	Sindoori/sindure/sindoor/guthi	1					**1**
39	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche	2	40	10	3	4	**59**
40	*Oroxylum indicum*	Totola	15	4	4	1	6	**30**
41	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli		4	2	9	9	**24**
42	*Pyrus communis*	Naspati				5		**5**
43	*Schima wallichii*	Chiloni/ chilauney	8		2	21	3	**34**
44	*Senna siamea*	Minjiri		1			3	**4**
45	*Shorea robusta*	Sal	30	10	17	18	15	**90**
46	*Sloanea sterculiacea*	Kadam katus/bhaisi katus/gobrey katus/gol/sada katus/ful katus			1		1	**2**
47	*Sterculia villosa*	Udla / odal	1	2	1	1		**5**
48	*Stereospermum tetragonum*	Parari				3		**3**
49	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun		2	3	7	9	**21**
50	*Terminalia bellirica*	Bahera/bhaola	17	14	8	1	12	**52**
51	*Terminalia myriocarpa*	Panisal/panisaj		1				**1**
52	*Toona hexandra*	Toon/tuni	1	7				**8**
53	*Turpinia pomifera*	Thali		7	7	7	1	**22**
54	*Vitex heterophylla*	Panchpate		19	21	10	25	**75**
55	*Wrightia tomentosa*	Doodhia	38	28	1	3	39	**109**
Total			**199**	**265**	**242**	**225**	**262**	**1193**

Table 259: Statistical analysis of all the Tree Species in Barahati

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Actinodaphne obovata*	38	100	2.96	7.60	3.19	7.60	2.41	8.56	**0.96**	**3.41**
2	*Albizia chinensis*	4	40	1.18	0.80	0.34	2.00	0.63	2.15		
3	*Alstonia scholaris*	3	40	1.18	0.60	0.25	1.50	0.48	1.91		
4	*Amoora rohituka*	91	80	2.37	18.20	7.63	22.75	7.22	17.22		

5	*Amoora wallichii*	23	80	2.37	4.60	1.93	5.75	1.83	6.12
6	*Andromeda elliptica*	32	100	2.96	6.40	2.68	6.40	2.03	7.67
7	*Baccaurea ramiflora*	18	60	1.78	3.60	1.51	6.00	1.90	5.19
8	*Bischofia javanica*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
9	*Bridelia retusa*	8	60	1.78	1.60	0.67	2.67	0.85	3.29
10	*Callicarpa arborea*	9	40	1.18	1.80	0.75	4.50	1.43	3.37
11	*Careya arborea*	5	60	1.78	1.00	0.42	1.67	0.53	2.72
12	*Casearia glomerata*	15	100	2.96	3.00	1.26	3.00	0.95	5.17
13	*Casearia vareca*	20	100	2.96	4.00	1.68	4.00	1.27	5.90
14	*Castanopsis hystrix*	10	60	1.78	2.00	0.84	3.33	1.06	3.67
15	*Celtis tetrandra*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
16	*Chisocheton cumingianus*	4	20	0.59	0.80	0.34	4.00	1.27	2.20
17	*Chukrasia tabularis*	8	80	2.37	1.60	0.67	2.00	0.63	3.67
18	*Citrus indica*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
19	*Dillenia pentagyna*	15	60	1.78	3.00	1.26	5.00	1.59	4.62
20	*Duabanga grandiflora*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
21	*Dysoxylum binectariferum*	46	40	1.18	9.20	3.86	23.00	7.30	12.34
22	*Elaeocarpus varuna*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
23	*Erythrina stricta*	5	40	1.18	1.00	0.42	2.50	0.79	2.40
24	*Evodia fraxinifolia*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
25	*Gmelina arborea*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
26	*Holarrhena pubescens*	61	80	2.37	12.20	5.11	15.25	4.84	12.32
27	*Ilex godajam*	5	60	1.78	1.00	0.42	1.67	0.53	2.72
28	*Lagerstroemia parviflora*	15	100	2.96	3.00	1.26	3.00	0.95	5.17
29	*Lagerstroemia speciosa*	11	100	2.96	2.20	0.92	2.20	0.70	4.58
30	*Lannea coromandelica*	7	100	2.96	1.40	0.59	1.40	0.44	3.99
31	*Lasiococca symphyllifolia*	27	80	2.37	5.40	2.26	6.75	2.14	6.77
32	*Litsea monopetala*	23	60	1.78	4.60	1.93	7.67	2.43	6.14
33	*Litsea panamanja*	2	20	0.59	0.40	0.17	2.00	0.63	1.39
34	*Machilus gamblei*	44	80	2.37	8.80	3.69	11.00	3.49	9.55
35	*Machilus glaucescens*	50	100	2.96	10.00	4.19	10.00	3.17	10.32
36	*Magnolia champaca*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
37	*Mallotus nudiflorus*	41	100	2.96	8.20	3.44	8.20	2.60	9.00
38	*Mallotus philippensis*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
39	*Monoon simiarum*	59	100	2.96	11.80	4.95	11.80	3.75	11.65
40	*Oroxylum indicum*	30	100	2.96	6.00	2.51	6.00	1.90	7.38
41	*Premna bengalensis*	24	80	2.37	4.80	2.01	6.00	1.90	6.28
42	*Pyrus communis*	5	20	0.59	1.00	0.42	5.00	1.59	2.60
43	*Schima wallichii*	34	80	2.37	6.80	2.85	8.50	2.70	7.91
44	*Senna siamea*	4	40	1.18	0.80	0.34	2.00	0.63	2.15
45	*Shorea robusta*	90	100	2.96	18.00	7.54	18.00	5.71	16.22
46	*Sloanea sterculiacea*	2	40	1.18	0.40	0.17	1.00	0.32	1.67
47	*Sterculia villosa*	5	80	2.37	1.00	0.42	1.25	0.40	3.18
48	*Stereospermum tetragonum*	3	20	0.59	0.60	0.25	3.00	0.95	1.80

49	*Syzygium cumini*	21	80	2.37	4.20	1.76	5.25	1.67	5.79
50	*Terminalia bellirica*	52	100	2.96	10.40	4.36	10.40	3.30	10.62
51	*Terminalia myriocarpa*	1	20	0.59	0.20	0.08	1.00	0.32	0.99
52	*Toona hexandra*	8	40	1.18	1.60	0.67	4.00	1.27	3.12
53	*Turpinia pomifera*	22	80	2.37	4.40	1.84	5.50	1.75	5.96
54	*Vitex heterophylla*	75	80	2.37	15.00	6.29	18.75	5.95	14.60
55	*Wrightia tomentosa*	109	100	2.96	21.80	9.14	21.80	6.92	19.01

a. Tree Species:

The permanent plot at Barahati was found to have 1193 trees in 55 tree species. This plot represented a good miscellaneous vegetation where *Wrightia tomentosa* (IVI = 19.01), *Amoora rohituka* (IVI = 17.22), *Shorea robusta* (IVI = 16.22), *Vitex heterophylla* (IVI = 14.60), *Dysoxylum binectariferum* (IVI = 10.34), *Holarrhena pubescens* (IVI = 12.32), *Monoon simiarum* (IVI = 11.65), *Terminalia bellirica* (IVI = 10.62) and *Machilus glaucescens* (IVI = 10.32) were co-dominant.

The highest number of individual trees was seen to be contributed by *Wrightia tomentosa* (109) followed by *Amoora rohituka* (91) and *Shorea robusta* (90).

Subplot 1 and 5 represented highest diversity of tree species (34) mostly contributed by *Castanopsis hystrix* (25 individuals) and *Syzygium jambolanum* (46 individuals) respectively.

Those species found in all the subplots with highest frequency (100%) were *Actinodaphne obovata, Andromeda elliptica, Casearia glomerata, Casearia vareca, Lagerstroemia parviflora, Lagerstroemia speciosa, Lannea coromandelica, Machilus glaucescens, Mallotus nudiflora, Monoon simiarum, Oroxylum indicum, Shorea robusta, Terminalia bellirica* and *Wrightia tomentosa.*

Those species found in only one of the subplots (20% frequency) were *Bischofia javanica, Celtis tetrandra, Chisocheton cumingianus, Citrus indica, Duabanga grandiflora, Elaeocarpus varuna, Evodia fraxinifolia, Gmelina arborea, Litsea panamanja, Magnolia champaca, Mallotus philippensis, Pyrus communis, Stereospermum tetragonum* and *Terminalia myriocarpa.*

Among these trees that were documented as only one individual tree in one of the 5 subplots were *Bischofia javanica, Celtis tetrandra, Citrus indica, Duabanga grandiflora, Elaeocarpus varuna, Evodia fraxinifolia, Gmelina arborea, Magnolia champaca, Mallotus philippensis* and *Terminalia myriocarpa.*

The Simpson's Diversity index (0.96) and Shannon's Diversity Index (3.41) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 96% chance that 2 individuals selected at random from this plot would be from different tree species.

Sterculia villosa was recorded as the tallest tree with a height of 73.15 m and a maximum GBH of 275.59 cm (subplot-3) and *Lasiocca symphylliaefolia* was recorded as the shortest tree with a height of 6.10 m and GBH of 30.48 cm (subplot-1).

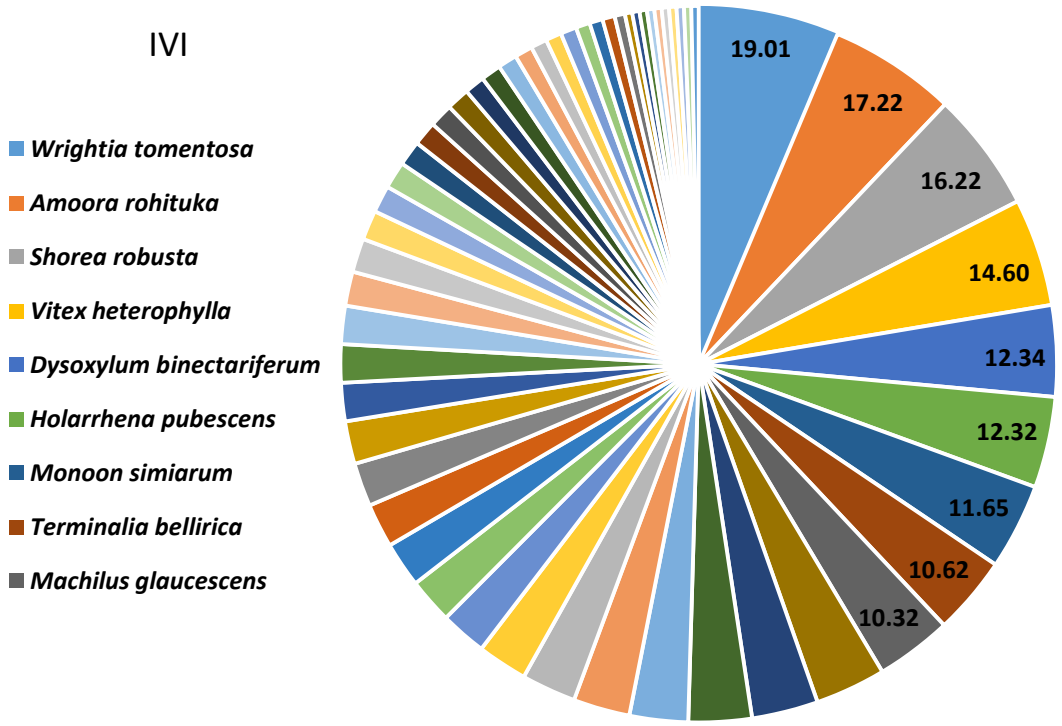


Figure 142: IVI Values of Dominant Tree Species in Barahati

Table 260: Average Height and GBH data of all the subplots in Barahati

Sl. No.	Scientific Name	SP 1		SP 3		SP 4		SP 6		SP 9	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Actinodaphne obovata*	9.14	52.00	10.67	55.88	7.96	44.87	11.43	48.26	11.18	51.65
2	*Albizia chinensis*					15.24	76.20			15.24	64.35
3	*Alstonia scholaris*					16.00	59.69	7.62	30.48		
4	*Amoora rohituka*	20.92	133.93	30.80	118.31	35.56	125.08	24.38	121.92		
5	*Amoora wallichii*			10.16	60.96	7.62	30.48	35.73	121.36	13.72	63.50
6	*Andromeda elliptica*	7.62	60.96	9.14	44.45	14.58	51.97	13.72	72.51	7.32	39.62
7	*Baccaurea ramiflora*			6.10	48.26	8.47	44.87	7.05	36.83		
8	*Bischofia javanica*			21.34	96.52						
9	*Bridelia retusa*	21.84	91.44	8.00	43.18					15.24	83.82
10	*Callicarpa arborea*					9.14	47.41	13.72	52.49		
11	*Careya arborea*	6.10	55.88	6.10	33.02			14.73	67.73		
12	*Casearia glomerata*	8.38	58.42	7.01	36.07	8.23	41.66	15.24	63.50	25.91	64.77
13	*Casearia vareca*	12.19	58.65	16.76	40.64	9.14	40.64	20.83	96.52	10.29	71.76
14	*Castanopsis hystrix*	7.62	132.08					22.90	112.71	9.14	38.10
15	*Celtis tetrandra*			15.24	66.04						
16	*Chisocheton cumingianus*					21.34	76.20				
17	*Chukrasia tabularis*	15.24	203.20	19.05	76.84			51.82	99.06	18.29	92.71
18	*Citrus indica*	10.67	60.96								
19	*Dillenia pentagyna*	22.86	134.90			9.14	45.72			16.15	63.50

20	*Duabanga grandiflora*					42.67	124.46				
21	*Dysoxylum binectarifolium*							25.03	88.58	21.69	94.31
22	*Elaeocarpus varuua*							36.58	154.94		
23	*Erythrina stricta*	11.43	59.69							8.64	49.95
24	*Evodia fraxinifolia*			30.48	114.30						
25	*Gmelina arborea*									12.19	53.34
26	*Holarrhena pubescens*			7.75	50.36	13.40	68.23	16.66	66.46	12.22	65.28
27	*Ilex godajam*	60.96	215.90					24.79	85.51	39.62	190.50
28	*Lagerstroemia parviflora*	21.34	115.15	26.92	128.69	26.42	126.15	24.38	68.58	27.43	91.44
29	*Lagerstroemia speciosa*	9.60	49.53	7.11	54.19	15.24	111.76	12.70	81.28	16.00	82.55
30	*Lannea coromandelica*	29.46	112.61	15.40	76.20	12.19	68.58	39.62	132.08	12.19	55.88
31	*Lasiocca symphylliaefolia*	6.10	30.48	7.84	64.23	13.21	74.93	13.25	68.97		
32	*Litsea monopetala*					19.81	79.76	12.80	57.47	7.62	38.10
33	*Litsea panamanja*			6.86	44.45						
34	*Machilus gamblei*	9.25	55.52			12.19	43.05	17.78	75.35	12.50	92.46
35	*Machilus glaucescens*	6.10	35.56	8.44	42.01	11.05	37.47	15.49	65.62	11.71	52.76
36	*Magnolia champaca*							27.43	144.78		
37	*Mallotus nudiflorus*	15.24	76.20	10.67	60.96	14.22	59.27	18.40	61.42	13.35	68.58
38	*Mallotus philippensis*	9.14	38.10								
39	*Monoon simiarum*	7.62	31.75	13.34	57.91	22.31	63.25	12.09	49.95	24.77	54.61
40	*Oroxylum indicum*	10.57	54.19	11.43	69.22	11.05	52.71	6.10	48.26	12.70	70.70
41	*Premna bengalensis*			17.53	83.82	12.50	77.47	20.05	83.26	9.58	59.27
42	*Pyrus communis*							14.02	61.98		
43	*Schima wallichii*	22.29	109.22			15.24	91.44	24.05	104.62	42.67	184.57
44	*Senna siamea*			10.67	33.02					16.26	71.97
45	*Shorea robusta*	59.13	270.09	65.23	251.97	59.70	284.93	55.71	261.06	61.26	236.56
46	*Sloanea sterculiacea*					30.48	254.00			21.34	119.38
47	*Sterculia villosa*	6.10	33.02	73.15	275.59	60.96	152.40	15.24	55.88		
48	*Stereospermum tetragonum*							8.64	38.10		
49	*Syzygium cumini*			28.96	180.34	10.67	52.49	17.37	66.40	10.33	61.52
50	*Terminalia bellirica*	18.11	86.36	22.71	117.02	26.67	83.50	38.10	190.50	20.57	109.01
51	*Terminalia myriocarpa*			18.29	96.52						
52	*Toona hexandra*	9.14	48.26	26.13	96.16						
53	*Turpinia pomifera*			13.72	75.11	16.11	89.63	18.81	75.84	24.38	134.62
54	*Vitex heterophylla*			11.61	65.51	10.67	51.40	16.98	56.90	10.44	64.31
55	*Wrightia tomentosa*	10.56	62.76	9.67	51.71	15.24	81.28	9.14	45.72	8.03	48.39

Table 261: Documentation of Shrub species (including tree saplings) in all the Subplots in Barahati

Sl. No.	Shrub Species	Common name	Sp3	Sp4	Sp6	Sp9	Sp1	Total
1	*Abutilon grandifolium*						37	**37**
2	*Amoora rohituka*		7	2	1	13	7	**30**
3	*Amoora wallichi*		6	5		7	4	**22**
4	*Artocarpus lacucha*						8	**8**

5	*Baccaurea sapida*		18	34	67		4	**123**
6	*Clematis vitalba*					3		**3**
7	*Clerodendrum viscosum*	Ghentu/Bhant	78	143		133	131	**485**
8	*Eriobotrya japonica*			1		41		**42**
9	*Jatropha curcas*		41				2	**43**
10	*Laurus nobilis*				7	1		**8**
11	*Leea indica*	Hantu bhanga					3	**3**
12	*Machilus edulis*		8					**8**
13	*Maianthemum racemosum*						3	**3**
14	*Mallotus philippensis*			7			13	**20**
15	*Mimosa quadrivalvis*					3		**3**
16	*Petiveria alliacea*						17	**17**
17	*Phlogacanthus thyrsiformis*	Lal Bashok		66	131			**197**
18	*Phoebe lanceolata*		2	9	8		6	**25**
19	*Polyalthia simiarum*		7	4	8	9	7	**35**
20	*Psychotria nervosa*					3		**3**
21	*Rauwolfia serpentina*	Shawrpogandha	1					**1**
22	*Rhus copallinum*					2		**2**
23	*Robinia pseudoacacia*						13	**13**
24	*Siparuna guianensis*		804	547	882	77		**2310**
25	*Solanum viarum*		14	5	2		7	**28**
26	*Syzygium cumini*			6	2	2	1	**11**
27	*Tabernaemontana divaricata*		33	66	71	48	51	**269**
28	*Urena lobata*		39					**39**
Total			**1058**	**895**	**1179**	**342**	**314**	**3788**

Table 262: Statistical analysis of all the Shrub Species (including tree saplings) in Barahati

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Abutilon grandifolium*	37	20	1.52	29.60	0.98	37.00	3.32	5.82	**0.60**	**1.55**
2	*Amoora rohituka*	30	100	7.58	24.00	0.79	6.00	0.54	8.91		
3	*Amoora wallichi*	22	80	6.06	17.60	0.58	5.50	0.49	7.14		
4	*Artocarpus lacucha*	8	20	1.52	6.40	0.21	8.00	0.72	2.45		
5	*Baccaurea sapida*	123	80	6.06	98.40	3.25	30.75	2.76	12.07		
6	*Clematis vitalba*	3	20	1.52	2.40	0.08	3.00	0.27	1.86		
7	*Clerodendrum viscosum*	485	80	6.06	388.00	12.80	121.25	10.9	29.76		
8	*Eriobotrya japonica*	42	40	3.03	33.60	1.11	21.00	1.89	6.03		
9	*Jatropha curcas*	43	40	3.03	34.40	1.14	21.50	1.93	6.10		
10	*Laurus nobilis*	8	40	3.03	6.40	0.21	4.00	0.36	3.60		
11	*Leea indica*	3	20	1.52	2.40	0.08	3.00	0.27	1.86		
12	*Machilus edulis*	8	20	1.52	6.40	0.21	8.00	0.72	2.45		
13	*Maianthemum racemosum*	3	20	1.52	2.40	0.08	3.00	0.27	1.86		
14	*Mallotus philippensis*	20	40	3.03	16.00	0.53	10.00	0.9	4.46		
15	*Mimosa quadrivalvis*	3	20	1.52	2.40	0.08	3.00	0.27	1.86		

16	*Petiveria alliacea*	17	20	1.52	13.60	0.45	17.00	1.53	3.49
17	*Phlogacanthus thyrsiformis*	197	40	3.03	157.60	5.20	98.50	8.85	17.08
18	*Phoebe lanceolata*	25	80	6.06	20.00	0.66	6.25	0.56	7.28
19	*Polyalthia simiarum*	35	100	7.58	28.00	0.92	7.00	0.63	9.13
20	*Psychotria nervosa*	3	20	1.52	2.40	0.08	3.00	0.27	1.86
21	*Rauwolfia serpentina*	1	20	1.52	0.80	0.03	1.00	0.09	1.63
22	*Rhus copallinum*	2	20	1.52	1.60	0.05	2.00	0.18	1.75
23	*Robinia pseudoacacia*	13	20	1.52	10.40	0.34	13.00	1.17	3.03
24	*Siparuna guianensis*	2310	80	6.06	1848.00	60.98	577.50	51.9	118.94
25	*Solanum viarum*	28	80	6.06	22.40	0.74	7.00	0.63	7.43
26	*Syzygium cumini*	11	80	6.06	8.80	0.29	2.75	0.25	6.60
27	*Tabernaemontana divaricata*	269	100	7.58	215.20	7.10	53.80	4.83	19.51
28	*Urena lobata*	39	20	1.52	31.20	1.03	39.00	3.5	6.05

b. Shrub Species:

A total number of 3788 individual shrubs and tree recruits belonging to 28 species were documented from this permanent plot. The vegetation was vastly dominated by *Siparuna guianensis* (IVI = 118.94) followed by *Clerodendrum viscosum* (IVI = 29.76). Maximum numbers of individuals were contributed by *Siparuna guianensis* (2310).

With highest frequency (100%) *Amoora rohituka*, *Polyalthia simiarum* and *Tabernaemontana divaricata* were found in all the subplots. *Abutilon grandifolium, Artocarpus lacucha, Clematis vitalba, Leea indica, Machilus edulis, Maianthemum racemosum, Mimosa quadrivalvis, Petiveria alliacea, Psychotria nervosa, Rauwolfia serpentina, Rhus copallinum, Robinia pseudoacacia* and *Urena lobata* were found to have least frequency (20%) and documented only from single subplot. *Rauwolfia serpentina, Rhus copallinum, Psychotria nervosa*, *Mimosa quadrivalvis, Maianthemum racemosum, Leea indica* and *Clematis vitalba* contributed the ground vegetation least having 1, 2, 3, 3,3, 3 and 3 individuals respectively.

The Simpson's Diversity index (0.60) and Shannon's Diversity Index (1.55) indicated that the plot is less diverse with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 60% chance that 2 individuals selected at random from this plot would be from different shrub species.

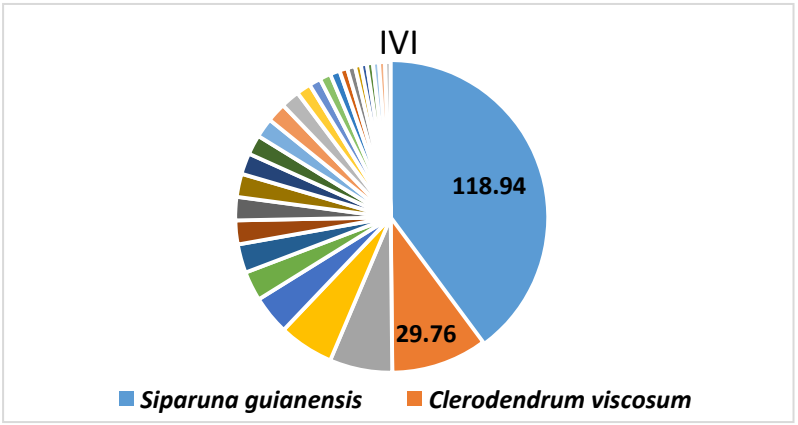


Figure 143: IVI Values of Dominant Shrubs (including tree saplings) in Barahati

Table 263: Documentation of Liana species in all the Subplots in Barahati

Sl. No.	Liana Species	Common name	Sp3	Sp4	Sp6	Sp9	Sp1	Total
1	*Ficus pubigera*		32	12	9		17	**70**
2	*Ichnocarpus frutescens*	Dudhe Lata		24	51	45		**120**
3	*Mikania cordata*	Assam Lata		42	84	107	21	**254**
4	*Smilax zeylanica*		14	20	34	14	2	**84**
5	*Toxicodendron radicans*		8					**8**
6	*Tylophora indica*	Antamul					46	**46**
Total			**54**	**98**	**178**	**166**	**86**	**582**

Table 264: Statistical analysis of all the Liana species in Barahati

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ficus pubigera*	70	80	22.22	56.00	12.03	17.50	9.12	43.37	**0.73**	**1.48**
2	*Ichnocarpus frutescens*	120	60	16.67	96.00	20.62	40.00	20.9	58.14		
3	*Mikania cordata*	254	80	22.22	203.20	43.64	63.50	33.1	98.97		
4	*Smilax zeylanica*	84	100	27.78	67.20	14.43	16.80	8.76	50.97		
5	*Toxicodendron radicans*	8	20	5.56	6.40	1.37	8.00	4.17	11.10		
6	*Tylophora indica*	46	20	5.56	36.80	7.90	46.00	24	37.44		

c. Liana Species:

A total number of 582 liana individuals under 6 species were documented from this permanent plot. The vegetation was dominated by *Mikania cordata* (IVI = 98.97) followed by *Ichnocarpus frutescens* (IVI = 58.14)**,** *Smilax zeylanica* (IVI = 50.97), *Ficus pubigera* (IVI = 43.37) and *Tylophora indica* (IVI = 37.44). Maximum number of individuals was contributed by *Mikania cordata* (254) and *Ichnocarpus frutescens* (120).

With highest frequency (100%) *Smilax zeylanica* was found in all the subplots. *Toxicodendron radicans and Tylophora indica* were found to have least frequency (20%) and documented only from single subplot. *Toxicodendron radicans* contributed the vegetation with only 8 individuals.

The Simpson's Diversity index (0.73) and Shannon's Diversity Index (1.48) indicated that the plot was moderately diverse and have low richness and evenness of liana species. Simpson's Diversity index also explains that there is 73% chance that 2 individuals selected at random from this plot would be from different liana species.

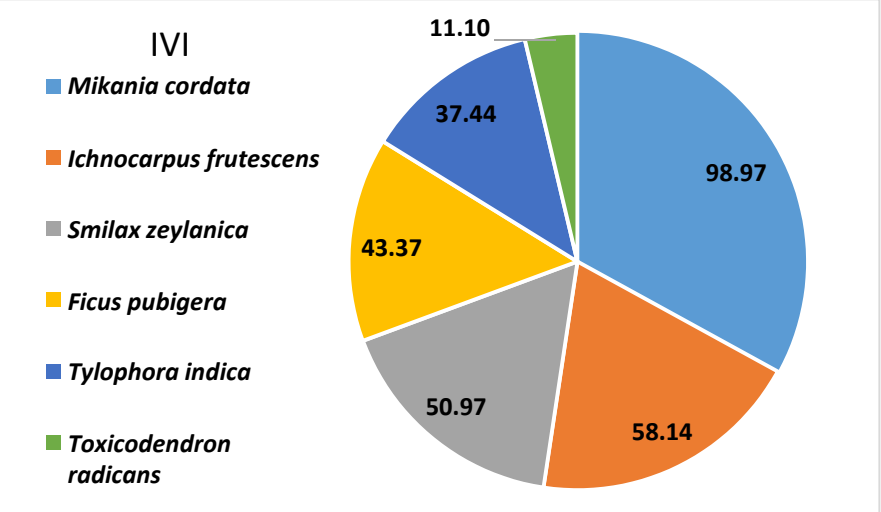


Figure 144: IVI Values of Dominant Liana species in Barahati

Table 265: Documentation of all Herb species in all the nested Subplots in Barahati

Sl. No.	Herb Species	Sp3	Sp4	Sp6	Sp9	Sp1	Total
1	*Amaranthus deflexus*					39	**39**
2	*Cyperus rotundus*					12	**12**
3	*Digitaria sanguinalis*	16	42	76	50	28	**212**
4	*Epilobium parviflorum*					6	**6**
5	*Eragrostis spectabilis*				26		**26**
6	*Impatiens parviflora*		7				**7**
7	*Medeola virginiana*	10					**10**
8	*Pharus latifolius*				3		**3**
9	*Salvia officinalis*	8					**8**
10	*Stellaria media*		54				**54**
Total		**34**	**103**	**76**	**79**	**85**	**377**

Table 266: Statistical analysis of all the Herb Species in Barahati

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Amaranthus deflexus*	39	20	6.67	780	10.26	39	18.54	35.47	0.65	1.52
2	*Cyperus rotundus*	12	20	6.67	240	3.16	12	5.70	15.53		
3	*Digitaria sanguinalis*	212	100	33.3	4240	55.79	42.4	20.15	109.27		
4	*Epilobium parviflorum*	6	20	6.67	120	1.58	6	2.85	11.10		
5	*Eragrostis spectabilis*	26	20	6.67	520	6.84	26	12.36	25.87		
6	*Impatiens parviflora*	7	20	6.67	140	1.84	7	3.33	11.84		
7	*Medeola virginiana*	10	20	6.67	200	2.63	10	4.75	14.05		
8	*Pharus latifolius*	3	20	6.67	60	0.79	3	1.43	8.88		
9	*Salvia officinalis*	8	20	6.67	160	2.11	8	3.80	12.57		
10	*Stellaria media*	54	20	6.67	1080	14.21	54	25.67	46.54		

d. Herb Species:

A total number of 377 individual belonging to 10 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by *Digitaria sanguinalis* (IVI = 109.27) followed by *Stellaria media* (IVI = 46.54), *Amaranthus deflexus* (IVI = 35.47) and *Eragrostis spectabilis* (IVI =25.87). Maximum numbers of individuals were contributed by *Digitaria sanguinalis* (212).

With highest frequency (100%) *Digitaria sanguinalis* was found in all the subplots. Rest of the species (10) were found to have least frequency (20%) and documented only from single subplot. *Pharus latifolius* contributed the vegetation with only 3 individuals.

The Simpson's Diversity index (0.65) and Shannon's Diversity Index (1.52) of herbaceous species indicated that the plot is less diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 65% chance that 2 individuals selected at random from this plot would be from different herb species.

No scrambler, creeper and twiner species were documented from this plot.

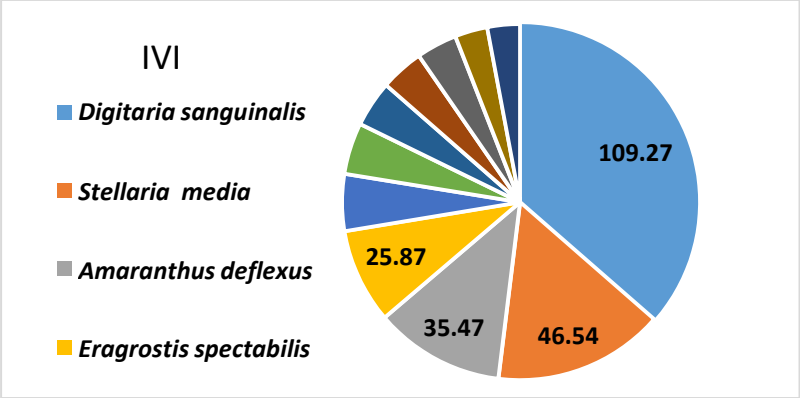


Figure 145: IVI Values of Dominant Herb Species in Barahati

6.4.4. Inventory of Associated Bird Species

During our field trip 21 species of birds were documented in the subplots. This included some IUCN red listed species like Alexandrine Parakeet (NT), and Red Breasted Parakeet (NT). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table: All Bird species documented Subplot wise in Barahati

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	Subplot 4
2	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Subplot 1
3	Black Hooded Oriole	*Oriolus xanthornus*	LC	Subplot 7
4	Blue Throated Barbet	*Megalaima asiatica*	LC	Subplots 1, 2, 6
5	Chesnut-tailed Starling	*Sturnia malabarica*	LC	Subplot 1
6	Golden fronted Leafbird	*Chloropsis aurifrons*	LC	Subplot 4
7	Greater Flameback Woodpecker	*Chrysocolaptes guttacristatus*	LC	Subplot 9
8	Grey backed Shrike	*Lanius tephronotus*	LC	Subplot 6
9	Indian Peafowl	*Pavo cristatus*	LC	Subplot 1
10	Lesser Yellownape Woodpecker	*Picus chlorolophus*	LC	Subplot 4
11	Lineated Barbet	*Megalaima lineata*	LC	Subplot 5
12	Oriental Magpie Robin	*Copsychus saularis*	LC	Subplot 9
13	Oriental Pied Hornbill	*Anthracoceros albirostris*	LC	Outside the main plot
14	Pied Starling	*Gracupica contra*	LC	Subplot 9
15	Red Breasted Parakeet	*Psittacula alexandri*	NT	Subplots 1, 7
16	Red Whiskered Bulbul	*Pycnonotus jocosus*	LC	Subplot 5
17	Rose Ringed Parakeet	*Psittacula krameri*	LC	Subplot 3
18	Rufous Treepie	*Dendrocitta vagabunda*	LC	Subplot 9
19	Rufus Woodpecker	*Micropternus brachyurus*	LC	Subplot 9
20	Spotted Dove	*Spilopelia chinensis*	LC	Subplot 9
21	White rumpled Shama	*Copsychus malabaricus*	LC	Subplot 4

6.5. PERMANENT PLOT: SURSUTI

6.5.1. NAME AND LOCATION OF THE AREA

- District: Jalpaiguri
- Division: Jalpaiguri
- Range: Lataguri
- Beat: Borodighi
- Block: Sursuti 3

The fifth field trip in North Bengal Plains was undertaken in Sursuti-3 block under Lataguri Range of Jalpaiguri Forest Division during 26th to 28th February, 2021.

Sursuti under Jalpaiguri Forest Division is situated in Jalpaiguri District adjacent to the Gorumara WL-II Forest Division. The vegetation is mostly dominated by Sal (*Shorea robusta*), Siris (*Albizzia lebbeck*), Simul (*Bombax ceiba*) etc. Sursuti is situated adjacent to the western side of the National Highway 31.

Figure 146: Permanent plot selected at Sursuti

6.5.2. Ground survey:

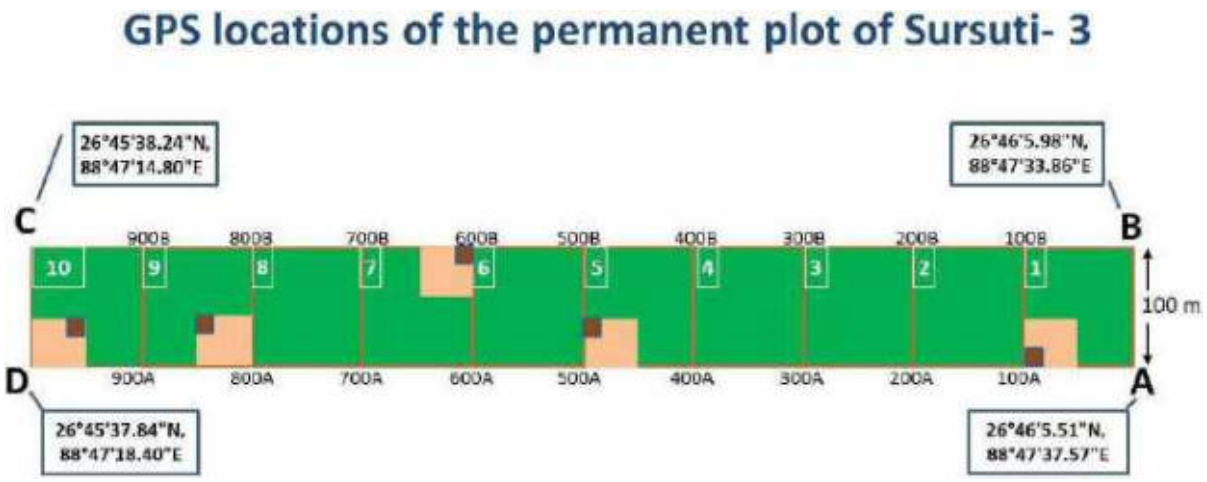


Figure 147: GPS location of the plot with schematic diagram of chosen subplots in Sursuti

Table 267: Latitude / Longitude of all the Subplots in Sursuti

Subplots	Latitude	Longitude	Tree Name
100A	26°46'2.58"N	88°47'35.70"E	Lasune Lali
100B	26°46'3.29"N	88°47'31.99"E	Koiner
200A	26°45'59.79"N	88°47'33.65"E	Charak Champa
200B	26°46'0.25"N	88°47'29.94"E	Khuti Kath
300A	26°45'56.94"N	88°47'31.81"E	Dudhia
300B	26°45'57.56"N	88°47'28.36"E	Lasune Lali
400A	26°45'54.26"N	88°47'29.99"E	Kanchan
400B	26°45'54.87"N	88°47'26.50"E	Chatiyan
500A	26°45'51.51"N	88°47'27.96"E	Khuti Kath
500B	26°45'52.03"N	88°47'24.54"E	Khudi Jam
600A	26°45'48.74"N	88°47'25.94"E	Tita Chaap
600B	26°45'49.43"N	88°47'22.63"E	Tita Chaap
700A	26°45'45.66"N	88°47'24.47"E	Tita Chaap
700B	26°45'46.61"N	88°47'20.72"E	Katus
800A	26°45'42.95"N	88°47'22.38"E	Dudhia
800B	26°45'43.73"N	88°47'18.87"E	Kukath
900A	26°45'40.09"N	88°47'20.18"E	Lasune Lali
900B	26°45'40.92"N	88°47'17.25"E	Lasune Lali

Table 268: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Sursuti

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°46'2.91"N	88°47'33.87"E	26°46'2.73"N	88°47'35.64"E
	50b	26°46'4.28"N	88°47'34.80"E		
	50c	26°46'3.83"N	88°47'36.60"E		
Subplot 5	50a	26°45'51.71"N	88°47'26.21"E	26°45'51.81"N	88°47'26.41"E
	50b	26°45'53.08"N	88°47'27.20"E		
	50c	26°45'52.84"N	88°47'28.88"E		
Subplot 7	50a	26°45'47.91"N	88°47'21.62"E	26°45'49.30"N	88°47'22.73"E
	50b	26°45'47.54"N	88°47'23.31"E		
	50c	26°45'49.08"N	88°47'24.18"E		
Subplot 9	50a	26°45'43.30"N	88°47'20.48"E	26°45'42.10"N	88°47'19.90"E
	50b	26°45'42.02"N	88°47'19.64"E		
	50c	26°45'41.57"N	88°47'21.23"E		
Subplot 10	50a	26°45'37.97"N	88°47'16.71"E	26°45'39.38"N	88°47'17.77"E
	50b	26°45'39.39"N	88°47'17.55"E		
	50c	26°45'38.97"N	88°47'19.39"E		

6.5.3. Inventorization of Flora

Table 269: Documentation of all tree species in all the Subplots in Sursuti

Sl. No.	Tree Species	Common name	Sp1	Sp5	Sp7	Sp9	Sp10	Total
1	*Actinodaphne obovata*	Mondola/runche			1		1	**2**
2	*Adina cordifolia*	Korom				1		**1**
3	*Albizia procera*	Sada sirish/swet sirish	8					**8**
4	*Alstonia scholaris*	Chatiyan/chatim	9	3			1	**13**
5	*Amoora rohituka*	Lasooni lali/rosuni lali	12	13	22	4	20	**71**
6	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali	11	21		26		**58**
7	*Baccaurea ramiflora*	Notko/lotka/kusum		23	31	19	4	**77**
8	*Balakata baccata*	Akhataru/akhataruwa	3					**3**
9	*Bischofia javanica*	Kainjal				7		**7**
10	*Bridelia retusa*	Kosai/ gayo				1		**1**
11	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo		5	2		5	**12**
12	*Careya arborea*	Kumbhi	2			10		**12**
13	*Casearia glomerata*	Bandarkhaja	5	5	3	1		**14**
14	*Casearia vareca*	Sada lali		3	16	10	24	**53**
15	*Castanopsis hystrix*	Katus	11	22	19	7	12	**71**
16	*Chukrasia tabularis*	Chikrasi/ chekrasi	9				4	**13**
17	*Cinnamomum glaucescens*	Malagiri			4		9	**13**
18	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta		12			8	**20**
19	*Duabanga grandiflora*	Lampate		2		2	2	**6**
20	*Elaeocarpus varuua*	Bhadrase/Jongli Jalpai		5		3		**8**

21	*Ficus semicordata*	Khasre/kukath			25		16	**41**
22	*Garuga pinnata*	Dabdabey		10				**10**
23	*Ilex godajam*	Hatisura					11	**11**
24	*Knema erratica*	Ramgua		4		2		**6**
25	*Lagerstroemia parviflora*	Baaje/sidha	2	5	2	1		**10**
26	*Lagerstroemia speciosa*	Jarul	18	22				**40**
27	*Lannea coromandelica*	Jiga / jeol/ jiya	2		2		13	**17**
28	*Litsea glutinosa*	Chimni/dhada kawla/lyada		10		8		**18**
29	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali	4	7			2	**13**
30	*Machilus gamblei*	Kawla/ampate/ampate kawla	15		3		7	**25**
31	*Machilus glaucescens*	KHAGOR/Bhale kawla/Sada Khador		17		8		**25**
32	*Magnolia cathcartii*	Teeta chaap				1	1	**2**
33	*Magnolia champaca*	Chaamp	3	3	34	8	18	**66**
34	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	8	3				**11**
35	*Mallotus philippensis*	Sindoori/sindure/sindoor/githi				1		**1**
36	*Meliosma simplicifolia*	Patpatey	2	10	4	7	15	**38**
37	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche		23	17	6	8	**54**
38	*Oroxylum indicum*	Totola			1		3	**4**
39	*Piliostigma malabaricum*	Kanchan		8		5	2	**15**
40	*Pongamia pinnata*	Koronj	10	25	21	39	46	**141**
41	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli		7	15	14		**36**
42	*Pterospermum acerifolium*	Hatipyla/hatipaila/hatipile		10	6	7	19	**42**
43	*Pterygota alata*	Narkeli			4			**4**
44	*Rhus chinensis*	PANDEY / BHELUA (pic taken)			18			**18**
45	*Schima wallichii*	Chiloni/ chilauney	13	13	16	8	5	**55**
46	*Shorea robusta*	Sal	6					**6**
47	*Sloanea sterculiacea*	Kadam katus/bhaisi katus/gobrey katus/gol/sada katus				10		**10**
48	*Sterculia lanceaefolia*	Bakain/bakane/sada bakain	4					**4**
49	*Sterculia villosa*	Udla / odal	2			8		**10**
50	*Stereospermum tetragonum*	Parari	4	6		7		**17**
51	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun		21				**21**
52	*Syzygium jambolanum*	Goda jam/kada jam/loha jam/maina jamun/sada jamun/golap jam/sada jam/ choto jam/pani jam/kancha jam				7		**7**
53	*Tectona grandis*	Teak/ segun	12					**12**
54	*Terminalia bellirica*	Bahera/bhaola	11	11		7		**29**
55	*Terminalia chebula*	Horitoki/harra	3					**3**
56	*Terminalia crenulata*	Pakasal/akasaj			9			**9**
57	*Toona hexandra*	Toon/tuni	1				3	**4**
58	*Vitex peduncularis*	Charai goura/charai garua	5					**5**
59	*Wrightia tomentosa*	Doodhia	20	28	30	48	35	**161**
60	*Xylia xylocarpa*	Loha kath			11			**11**
61	*Zanthoxylum armatum*	Timbur	3					**3**
Total			**218**	**357**	**316**	**293**	**294**	**1478**

Table 270: Statistical analysis of all the Tree Species in Sursuti

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Actinodaphne obovata*	2	40	1.38	0.40	0.14	1.00	0.19	1.70	**0.96**	**3.54**
2	*Adina cordifolia*	1	20	0.69	0.20	0.07	1.00	0.19	0.94		
3	*Albizia procera*	8	20	0.69	1.60	0.54	8.00	1.50	2.73		
4	*Alstonia scholaris*	13	60	2.07	2.60	0.88	4.33	0.81	3.76		
5	*Amoora rohituka*	71	100	3.45	14.20	4.80	14.20	2.66	10.92		
6	*Amoora wallichii*	58	60	2.07	11.60	3.92	19.33	3.63	9.62		
7	*Baccaurea ramiflora*	77	80	2.76	15.40	5.21	19.25	3.61	11.58		
8	*Balakata baccata*	3	20	0.69	0.60	0.20	3.00	0.56	1.46		
9	*Bischofia javanica*	7	20	0.69	1.40	0.47	7.00	1.31	2.48		
10	*Bridelia retusa*	1	20	0.69	0.20	0.07	1.00	0.19	0.94		
11	*Callicarpa arborea*	12	60	2.07	2.40	0.81	4.00	0.75	3.63		
12	*Careya arborea*	12	40	1.38	2.40	0.81	6.00	1.13	3.32		
13	*Casearia glomerata*	14	80	2.76	2.80	0.95	3.50	0.66	4.36		
14	*Casearia vareca*	53	80	2.76	10.60	3.59	13.25	2.49	8.83		
15	*Castanopsis hystrix*	71	100	3.45	14.20	4.80	14.20	2.66	10.92		
16	*Chukrasia tabularis*	13	40	1.38	2.60	0.88	6.50	1.22	3.48		
17	*Cinnamomum glaucescens*	13	40	1.38	2.60	0.88	6.50	1.22	3.48		
18	*Dillenia pentagyna*	20	40	1.38	4.00	1.35	10.00	1.88	4.61		
19	*Duabanga grandiflora*	6	60	2.07	1.20	0.41	2.00	0.38	2.85		
20	*Elaeocarpus varuua*	8	40	1.38	1.60	0.54	4.00	0.75	2.67		
21	*Ficus semicordata*	41	40	1.38	8.20	2.77	20.50	3.85	8.00		
22	*Garuga pinnata*	10	20	0.69	2.00	0.68	10.00	1.88	3.24		
23	*Ilex godajam*	11	20	0.69	2.20	0.74	11.00	2.06	3.50		
24	*Knema erratica*	6	40	1.38	1.20	0.41	3.00	0.56	2.35		
25	*Lagerstroemia parviflora*	10	80	2.76	2.00	0.68	2.50	0.47	3.90		
26	*Lagerstroemia speciosa*	40	40	1.38	8.00	2.71	20.00	3.75	7.84		
27	*Lannea coromandelica*	17	60	2.07	3.40	1.15	5.67	1.06	4.28		
28	*Litsea glutinosa*	18	40	1.38	3.60	1.22	9.00	1.69	4.29		
29	*Litsea monopetala*	13	60	2.07	2.60	0.88	4.33	0.81	3.76		
30	*Machilus gamblei*	25	60	2.07	5.00	1.69	8.33	1.56	5.32		
31	*Machilus glaucescens*	25	40	1.38	5.00	1.69	12.50	2.35	5.42		
32	*Magnolia cathcartii*	2	40	1.38	0.40	0.14	1.00	0.19	1.70		
33	*Magnolia champaca*	66	100	3.45	13.20	4.47	13.20	2.48	10.39		
34	*Mallotus nudiflorus*	11	40	1.38	2.20	0.74	5.50	1.03	3.16		
35	*Mallotus philippensis*	1	20	0.69	0.20	0.07	1.00	0.19	0.94		
36	*Meliosma simplicifolia*	38	100	3.45	7.60	2.57	7.60	1.43	7.45		
37	*Monoon simiarum*	54	80	2.76	10.80	3.65	13.50	2.53	8.95		
38	*Oroxylum indicum*	4	40	1.38	0.80	0.27	2.00	0.38	2.03		
39	*Piliostigma malabaricum*	15	60	2.07	3.00	1.01	5.00	0.94	4.02		
40	*Pongamia pinnata*	141	100	3.45	28.20	9.54	28.20	5.29	18.28		
41	*Premna bengalensis*	36	60	2.07	7.20	2.44	12.00	2.25	6.76		

42	*Pterospermum acerifolium*	42	80	2.76	8.40	2.84	10.50	1.97	7.57
43	*Pterygota alata*	4	20	0.69	0.80	0.27	4.00	0.75	1.71
44	*Rhus chinensis*	18	20	0.69	3.60	1.22	18.00	3.38	5.29
45	*Schima wallichii*	55	100	3.45	11.00	3.72	11.00	2.06	9.23
46	*Shorea robusta*	6	20	0.69	1.20	0.41	6.00	1.13	2.22
47	*Sloanea sterculiacea*	10	20	0.69	2.00	0.68	10.00	1.88	3.24
48	*Sterculia lanceaefolia*	4	20	0.69	0.80	0.27	4.00	0.75	1.71
49	*Sterculia villosa*	10	40	1.38	2.00	0.68	5.00	0.94	2.99
50	*Stereospermum tetragonum*	17	60	2.07	3.40	1.15	5.67	1.06	4.28
51	*Syzygium cumini*	21	20	0.69	4.20	1.42	21.00	3.94	6.05
52	*Syzygium jambolanum*	7	20	0.69	1.40	0.47	7.00	1.31	2.48
53	*Tectona grandis*	12	20	0.69	2.40	0.81	12.00	2.25	3.75
54	*Terminalia bellirica*	29	60	2.07	5.80	1.96	9.67	1.81	5.84
55	*Terminalia chebula*	3	20	0.69	0.60	0.20	3.00	0.56	1.46
56	*Terminalia crenulata*	9	20	0.69	1.80	0.61	9.00	1.69	2.99
57	*Toona hexandra*	4	40	1.38	0.80	0.27	2.00	0.38	2.03
58	*Vitex peduncularis*	5	20	0.69	1.00	0.34	5.00	0.94	1.97
59	*Wrightia tomentosa*	161	100	3.45	32.20	10.89	32.20	6.04	20.38
60	*Xylia xylocarpa*	11	20	0.69	2.20	0.74	11.00	2.06	3.50
61	*Zanthoxylum armatum*	3	20	0.69	0.60	0.20	3.00	0.56	1.46

a. Tree Species:

From the permanent plot at Sursuti, 1478 trees were documented under 61 tree species.

The highest number of individuals was contributed by *Wrightia tomentosa* (161 trees and IVI =20.38) followed by *Pongamia pinnata* (141 trees and IVI = 18.28). Both these species had 100% frequency as they occurred in all the 5 subplots chosen randomly for documentation in this study.

The other co-dominant species that recorded more than 50 individuals but less than 100 trees were *Amoora rohituka* (71 trees and IVI = 10.92), *Amoora wallichii* (58 trees and IVI=9.62), *Baccaurea ramiflora* (77 trees and IVI = 11.58), *Casearia vareca* (53 trees and IVI=8.83), *Castanopsis hystrix* (71 trees and IVI = 10.92), *Magnolia champaca* (66 trees and IVI = 10.39), *Monoon simiarum* (54 trees and IVI=8.95) and *Schima wallichii* (55 trees and IVI=9.23).

With highest frequency (100%) *Amoora rohituka, Castanopsis hystrix, Magnolia champaca, Meliosma simplicifolia, Schima wallichii* were found in all the subplots. The least frequency (20%), was observed in 21 tree species which were found to existin only one single subplot. Just one individual tree occurring in one of the 5 subplots was seen in species like *Adina cordifolia, Bridelia retusa* and *Mallotus philippensis.*

Subplot 9 represented highest diversity of tree species (33) mostly contributed by *Wrightia tomentosa* (48 individuals), *Pongamia pinnata* (39 individuals), and *Amoora wallichii* (26 individuals).

The Simpson's Diversity Index (0.96) and Shannon's Diversity Index (3.54) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is a 96% chance that 2 individuals selected at random from this plot would be from different tree species.

Lagerstroemia parviflora was recorded as the tallest tree with a height of 51.05 m and a maximum GBH of 256.54 cm (subplot-7) and *Baccaurea ramiflora* was recorded as the shortest tree with a height of 7.35 m and GBH of 36.50 cm (subplot-9).

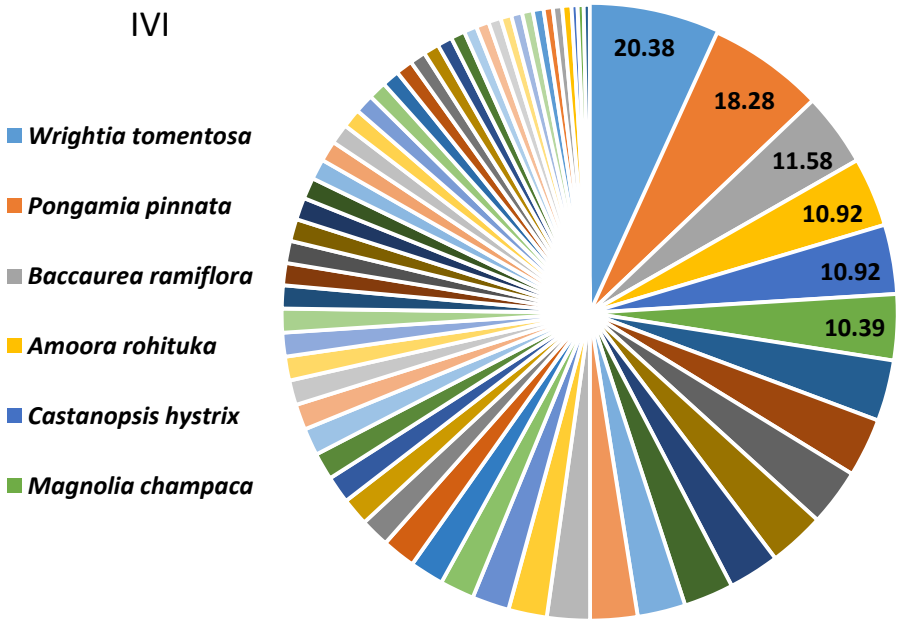


Figure 148: IVI Values of Dominant Tree Species in Sursuti

Table 271: Average Height and GBH data of all the subplots in Sursuti

Sl. No.	Scientific Names	SP 1		SP 5		SP 7		SP 9		SP 10	
		AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)
1	*Actinodaphne obovata*					10.97	30.48			24.99	76.20
2	*Adina cordifolia*							10.67	60.96		
3	*Albizia procera*	15.77	66.68								
4	*Alstonia scholaris*	17.85	64.91	26.82	133.77					16.15	53.34
5	*Amoora rohituka*	29.97	130.18	24.99	118.21	30.19	128.96	23.70	107.32	25.60	102.62
6	*Amoora wallichii*	19.51	88.21	18.27	74.14			16.81	94.57		
7	*Baccaurea ramiflora*			13.95	47.93	10.32	36.05	7.35	36.50	8.69	39.37
8	*Balakata baccata*	32.92	156.63								
9	*Bischofia javanica*							13.28	64.59		
10	*Bridelia retusa*							10.67	81.28		
11	*Callicarpa arborea*			10.55	42.67	23.77	104.14			17.68	56.90
12	*Careya arborea*	19.20	81.28					13.32	72.64		
13	*Casearia glomerata*	12.86	46.23	13.35	49.78	12.40	44.87	14.63	40.64		
14	*Casearia vareca*			20.52	102.45	23.62	97.16	14.78	62.74	20.10	79.90
15	*Castanopsis hystrix*	15.05	60.27	16.36	64.77	22.28	95.45	14.41	76.20	26.67	107.10
16	*Chukrasia tabularis*	16.43	66.89							28.19	114.30
17	*Cinnamomum glaucescens*					14.17	48.90			25.60	118.82

18	*Dillenia pentagyna*			22.30	115.6					32.65	155.89
19	*Duabanga grandiflora*			18.44	63.50			19.51	62.23	19.81	82.55
20	*Elaeocarpus varuua*			12.31	51.82			15.24	71.12		
21	*Ficus semicordata*					12.62	45.42			10.97	40.80
22	*Garuga pinnata*			10.00	45.47						
23	*Ilex godajam*									26.38	119.84
24	*Knema erratica*			25.30	153.04			24.38	181.61		
25	*Lagerstroemia parviflora*	7.77	30.48	27.43	163.58	51.05	256.54	22.25	182.88		
26	*Lagerstroemia speciosa*	24.82	107.81	21.90	99.06						
27	*Lannea coromandelica*	12.65	54.61			47.85	231.14			22.74	83.43
28	*Litsea glutinosa*			20.54	108.97			17.53	91.12		
29	*Litsea monopetala*	11.81	50.17	17.63	79.47					11.89	46.99
30	*Machilus gamblei*	15.02	64.69			13.51	57.57			12.24	41.37
31	*Machilus glaucescens*			15.78	58.87			18.97	90.49		
32	*Magnolia cathcartii*							21.95	114.30	35.66	127.00
33	*Magnolia champaca*	39.32	141.39	16.66	44.03	25.13	109.74	15.96	75.25	20.51	75.92
34	*Mallotus nudiflorus*	24.77	114.30	30.99	100.75						
35	*Mallotus philippensis*							11.58	40.64		
36	*Meliosma simplicifolia*	21.49	93.98	13.08	47.50	29.87	124.46	21.07	98.33	14.73	51.99
37	*Monoon simiarum*			19.65	78.74	15.96	65.89	14.83	64.77	12.92	45.72
38	*Oroxylum indicum*					17.07	55.88			23.67	89.75
39	*Piliostigma malabaricum*			37.11	190.50			20.91	131.57	26.52	105.4
40	*Pongamia pinnata*	26.33	106.17	15.78	63.60	18.29	72.69	19.17	97.76	20.30	68.64
41	*Premna bengalensis*			29.35	161.11	22.05	95.17	16.31	78.74		
42	*Pterospermum acerifolium*			21.40	73.91	10.46	38.95	12.50	55.88	11.73	42.38
43	*Pterygota alata*					29.87	124.46				
44	*Rhus chinensis*					16.21	56.30				
45	*Schima wallichii*	26.78	111.17	18.64	80.11	29.81	165.26	22.75	150.18	33.65	148.84
46	*Shorea robusta*	40.89	206.59								
47	*Sloanea sterculiacea*							19.39	81.28		
48	*Sterculia lanceaefolia*	25.37	113.67								
49	*Sterculia villosa*	48.01	269.24					36.12	235.90		
50	*Stereospermum tetragonum*	21.87	97.79	27.33	152.40			27.78	157.84		
51	*Syzygium cumini*			29.33	155.79						
52	*Syzygium jambolanum*							14.76	68.94		
53	*Tectona grandis*	26.77	128.27								
54	*Terminalia bellirica*	26.02	117.99	35.36	228.37			38.75	272.51		
55	*Terminalia chebula*	20.93	91.44								
56	*Terminalia crenulata*					40.44	166.51				
57	*Toona hexandra*	37.19	121.92							26.21	101.60
58	*Vitex peduncularis*	20.54	82.80								
59	*Wrightia tomentosa*	14.19	60.33	11.67	44.63	16.20	68.16	10.62	60.17	14.65	49.93
60	*Xylia xylocarpa*					30.29	141.78				
61	*Zanthoxylum armatum*	33.63	151.55								

Table 272: Documentation of Shrub species (including tree saplings) in all the Subplots in Sursuti

Sl. No.	Shrub Species	Common name	Sp1	Sp10	Sp9	Sp7	Sp5	Total
1	*Ageratum conyzoides*		0	0	96	380	98	**574**
2	*Cinnamomum bejolghota*	Jongli Tejpata	0	196	36	0	0	**232**
3	*Clerodendrum viscosum*	Bhant/Ghentu	570	771	0	423	364	**2128**
4	*Coffea benghalensis*	Chhagolneri/Koriphool	543	0	598	532	1504	**3177**
5	*Justicia gendarussa*	Jawgotmadon	0	27	0	0	0	**27**
6	*Mimosa pudica*	Lojjaboti	83	0	0	0	0	**83**
7	*Murraya koenigii*	Karipata	0	47	0	0	0	**47**
8	*Phlogacanthus thyrsiflorus*	Lal Bashok/Kalo Bashok	0	52	95	0	71	**218**
9	*Rauvolfia serpentina*	Shawrpogawndha	0	48	0	0	0	**48**
10	*Tragia involucrata*	Chotropata	63	158	0	0	0	**221**
Total			**1259**	**1299**	**825**	**1335**	**2037**	**6755**

Table 273: Statistical analysis of all the Shrub Species (including tree saplings) in Sursuti

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ageratum conyzoides*	574	60	13.64	459.20	8.50	191.33	9.46	31.60	**0.67**	**1.41**
2	*Cinnamomum bejolghota*	232	40	9.09	185.60	3.43	116.00	5.74	18.26		
3	*Clerodendrum viscosum*	2128	80	18.18	1702.40	31.50	532.00	26.31	76.00		
4	*Coffea benghalensis*	3177	80	18.18	2541.60	47.03	794.25	39.29	104.50		
5	*Justicia gendarussa*	27	20	4.55	21.60	0.40	27.00	1.34	6.28		
6	*Mimosa pudica*	83	20	4.55	66.40	1.23	83.00	4.11	9.88		
7	*Murraya koenigii*	47	20	4.55	37.60	0.70	47.00	2.32	7.57		
8	*Phlogacanthus thyrsiflorus*	218	60	13.64	174.40	3.23	72.67	3.59	20.46		
9	*Rauvolfia serpentina*	48	20	4.55	38.40	0.71	48.00	2.37	7.63		
10	*Tragia involucrata*	221	40	9.09	176.80	3.27	110.50	5.47	17.83		

b. Shrub Species:

A total number of 6755 individuals belonging to 10 species of shrubs (including tree saplings) were documented from this permanent plot. The vegetation was dominated by *Coffea benghalensis* (IVI = 104.50) and *Clerodendrum viscosum* (IVI = 76.00). Maximum numbers of individuals were contributed by *Coffea benghalensis* (3177) and *Clerodendrum viscosum* (2128).

None of the species was found to exist with highest frequency (100%). With 80% frequency *Clerodendrum viscosum* and *Coffea benghalensis* were found in four subplots. *Justicia gendarussa, Mimosa pudica, Murraya koenigii* and *Rauvolfia serpentina* were found to have least frequency (20%) and documented only from single subplot. *Justicia gendarussa, Murraya koenigii* and *Rauvolfia serpentina* contributed the ground vegetation with 27, 47 and 48 individuals respectively.

The Simpson's Diversity index (0.67) and Shannon's Diversity Index (1.41) indicated that the plot is less diverse with low richness and evenness of shrub species. Simpson's Diversity index also explains that there is 67% chance that 2 individuals selected at random from this plot would be from different shrub species.

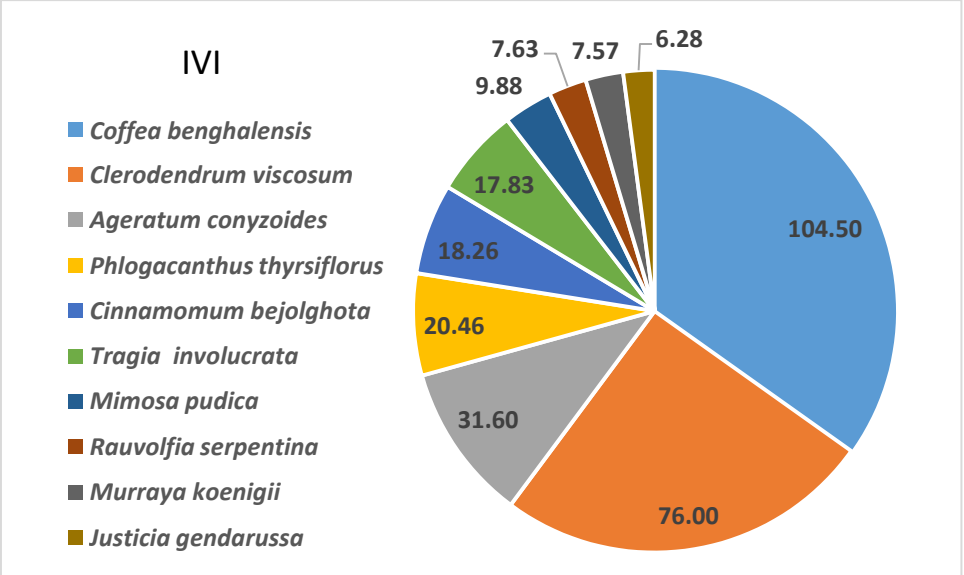


Figure 149: IVI Values of Dominant Shrubs (including tree saplings) in Sursuti

Table 274: Documentation of Liana species in all the Subplots in Sursuti

Sl. No.	Liana Species	Common name	Sp1	Sp10	Sp9	Sp7	Sp5	Total
1	*Gymnema Sylvestre*	Gurmar	0	23	0	0	0	**23**
2	*Hemidesmus Indicus*	Anantamul	2	0	0	0	0	**2**
3	*Tinospora Sinensis*		0	0	80	0	0	**80**
Total			**2**	**23**	**80**	**0**	**0**	**105**

Table 275: Statistical analysis of all the Liana species in Sursuti

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Gymnema Sylvestre*	23	20	33.3	18.40	21.90	23	21.9	77.14	**0.37**	**0.61**
2	*Hemidesmus Indicus*	2	20	33.3	1.60	1.90	2	1.9	37.14		
3	*Tinospora Sinensis*	80	20	33.3	64.00	76.19	80	76.2	185.71		

c. Liana Species:

Only 105 individuals under 5 liana species were documented from this permanent plot. The vegetation was dominated by *Tinospora sinensis* (IVI = 185.71). Maximum number of individuals was also contributed by *Tinospora sinensis* (80).

All the liana species werefound to have lowest frequency (20%) and documented from single subplot. *Hemidesmus indicus* contributed with only 2 individuals. No liana species were documented from subplot 7 and subplot 5.

The Simpson's Diversity index (0.37) and Shannon's Diversity Index (0.61) indicated that the plot sustained very less diversity with low richness and evenness of liana species. Simpson's Diversity

index also explains that there is 37% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

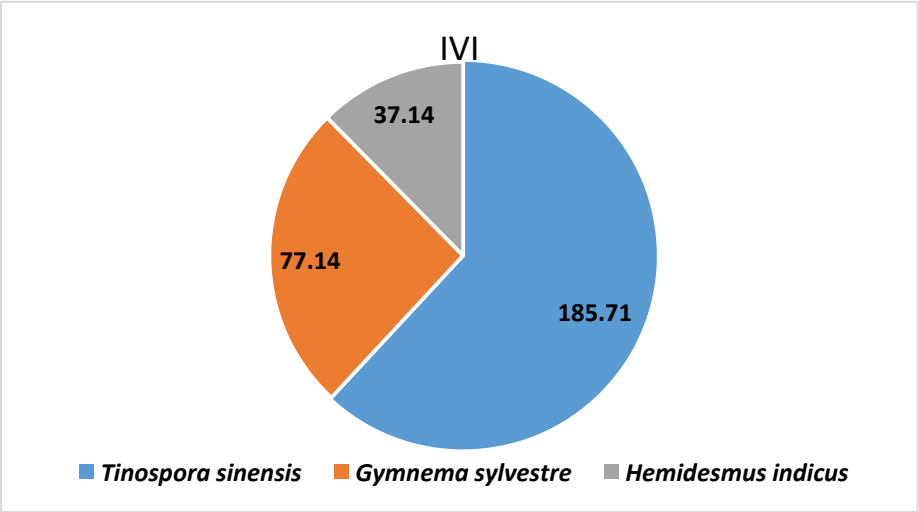


Figure 150: IVI Values of Dominant Liana species in Sursuti

Table 276: Documentation of all Herb species in all the nested Subplots in Sursuti

Sl. No.	Herb Species	Common name	Sp1	Sp10	Sp9	Sp7	Sp5	Total
1	*Alpinia purpurata*		0	0	132	133	136	**401**
2	*Andrographis paniculata*	Kalmegh	6	0	0	46	0	**52**
3	*Curcuma amada*	Am-ada	19	20	38	0	0	**77**
4	*Curcuma longa*	Haldi	88	121	98	127	50	**484**
5	*Cymbopogon pendulus*		0	0	0	59	24	**83**
6	*Desmodium motorium*		0	0	0	0	14	**14**
7	*Diplazium esculentum*	Dhekia	81	172	90	308	168	**819**
8	*Dryopteris sikkimensis*	Jongli Dhekia	93	60	240	0	316	**709**
9	*Houttuynia cordata*		0	5	55	0	0	**60**
10	*Ipomoea pes-tigridis*		0	93	24	0	0	**117**
11	*Marsilea quadrifolia*	Sushni	0	0	0	167	0	**167**
12	*Oxalis debilis*	Amrul	0	0	51	0	0	**51**
13	*Paederia foetida*	Padalipata/Gendalpata	0	0	0	0	34	**34**
14	*Persicaria chinensis*		14	698	429	422	0	**1563**
15	*Podophyllum hexandrum*		0	29	0	0	0	**29**
16	*Polystichum lentum*		27	0	75	62	0	**164**
17	*Pteris longifolia*	Fern	0	0	0	205	190	**395**
18	*Pteris vittata*	Fern	0	431	186	0	0	**617**
19	*Rottboellia cochinchinensis*	Gaighash	0	342	107	94	7	**550**
20	*Stachytarpheta indica*		0	0	0	0	18	**18**
21	*Verbena officinalis*		0	0	9	0	0	**9**
Total			**328**	**1971**	**1534**	**1623**	**957**	**6413**

Table 277: Statistical analysis of all the Herb Species in Sursuti

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Alpinia purpurata*	401	60	6	8020	6.25	133.67	6.18	18.43	**0.88**	**2.41**
2	*Andrographis paniculata*	52	40	4	1040	0.81	26.00	1.20	6.01		
3	*Curcuma amada*	77	60	6	1540	1.20	25.67	1.19	8.39		
4	*Curcuma longa*	484	100	10	9680	7.55	96.80	4.47	22.02		
5	*Cymbopogon pendulus*	83	40	4	1660	1.29	41.50	1.92	7.21		
6	*Desmodium motorium*	14	20	2	280	0.22	14.00	0.65	2.87		
7	*Diplazium esculentum*	819	100	10	16380	12.77	163.80	7.57	30.34		
8	*Dryopteris sikkimensis*	709	80	8	14180	11.06	177.25	8.19	27.25		
9	*Houttuynia cordata*	60	40	4	1200	0.94	30.00	1.39	6.32		
10	*Ipomoea pes-tigridis*	117	40	4	2340	1.82	58.50	2.70	8.53		
11	*Marsilea quadrifolia*	167	20	2	3340	2.60	167.00	7.72	12.32		
12	*Oxalis debilis*	51	20	2	1020	0.80	51.00	2.36	5.15		
13	*Paederia foetida*	34	20	2	680	0.53	34.00	1.57	4.10		
14	*Persicaria chinensis*	1563	80	8	31260	24.37	390.75	18.06	50.43		
15	*Podophyllum hexandrum*	29	20	2	580	0.45	29.00	1.34	3.79		
16	*Polystichum lentum*	164	60	6	3280	2.56	54.67	2.53	11.08		
17	*Pteris longifolia*	395	40	4	7900	6.16	197.50	9.13	19.29		
18	*Pteris vittata*	617	40	4	12340	9.62	308.50	14.26	27.88		
19	*Rottboellia cochinchinensis*	550	80	8	11000	8.58	137.50	6.35	22.93		
20	*Stachytarpheta indica*	18	20	2	360	0.28	18.00	0.83	3.11		
21	*Verbena officinalis*	9	20	2	180	0.14	9.00	0.42	2.56		

d. Herb Species:

A total number of 6413 individual belonging to 21 herbaceous species were documented from this permanent plot. The vegetation was dominated by *Persicaria chinensis* (IVI = 50.43), *Diplazium esculentum* (IVI = 30.34), *Pteris vittata* (IVI = 27.88), *Dryopteris sikkimensis* (IVI = 27.25), *Rottboellia cochinchinensis* (IVI = 22.93) and *Curcuma longa* (IVI = 22.02). Maximum number of individuals was contributed by *Persicaria chinensis* (1563).

With highest frequency (100%) *Curcuma longa* and *Diplazium esculentum* were found in all the subplots. *Desmodium motorium, Marsilea quadrifolia, Oxalis debilis, Paederia foetida, Podophyllum hexandrum, Stachytarpheta indica* and *Verbena officinalis* were found to have least frequency (20%) and documented only from single subplot. *Verbena officinalis* contributed the vegetation least with 9 individuals.

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.47) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different herb species.

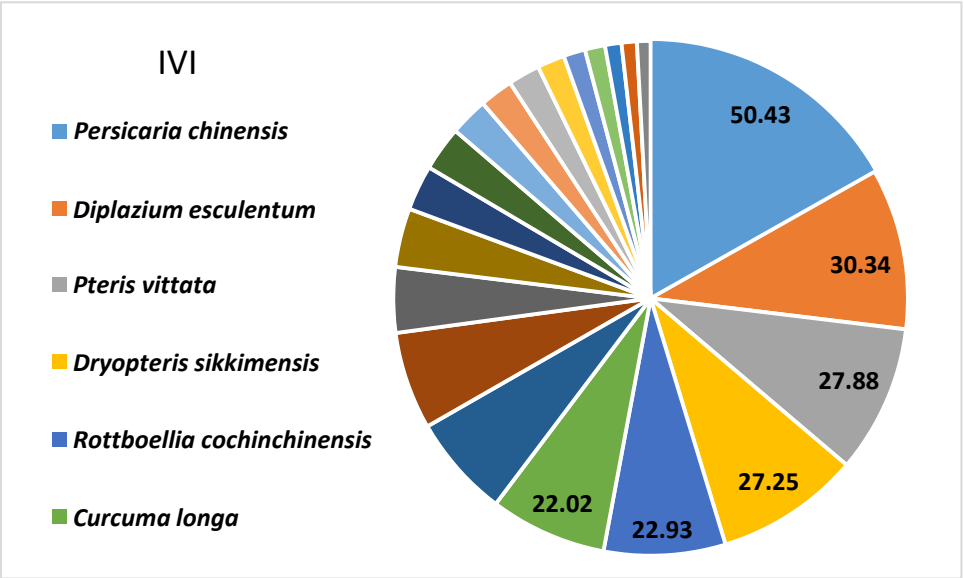


Figure 151: IVI Values of Dominant Herb Species in Sursuti

Table 278: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Sursuti

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp10	Sp9	Sp7	Sp5	Total
1	*Coccinia cordifolia*	Telakucha	27	0	46	0	0	**73**
2	*Dioscorea pentaphylla*	Kham-alu	0	0	0	0	5	**5**
3	*Lygodium flexuosum*		40	147	0	0	139	**326**
4	*Lygodium microphyllum*		62	0	56	142	57	**317**
5	*Mikania scandens*	Assamlata	84	43	31	0	0	**158**
6	*Piper betle*	Paan	652	794	355	289	163	**2253**
7	*Piper longum*	Bonmorich	0	0	302	282	103	**687**
8	*Piper nigrum*	Golmorich	225	0	452	138	47	**862**
Total			**1090**	**984**	**1242**	**851**	**514**	**4681**

Table 279: Statistical analysis of all the Scrambler, creeper and twiner species in Sursuti

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Coccinia cordifolia*	73	40	8.00	1460	1.56	36.50	3.10	12.66	**0.70**	**1.50**
2	*Dioscorea pentaphylla*	5	20	4.00	100	0.11	5.00	0.42	4.53		
3	*Lygodium flexuosum*	326	60	12.00	6520	6.96	108.67	9.23	28.20		
4	*Lygodium microphyllum*	317	80	16.00	6340	6.77	79.25	6.73	29.50		
5	*Mikania scandens*	158	60	12.00	3160	3.38	52.67	4.47	19.85		
6	*Piper betle*	2253	100	20.00	45060	48.13	450.60	38.28	106.41		
7	*Piper longum*	687	60	12.00	13740	14.68	229.00	19.45	46.13		
8	*Piper nigrum*	862	80	16.00	17240	18.41	215.50	18.31	52.72		

e. Scrambler, creeper and twiner species:

A total number of 4681 individuals under 8 climber species were documented from this permanent plot. The vegetation was co-dominated by *Piper betle* (IVI = 106.41) followed by *Piper nigrum* (IVI = 52.72) and *Piper longum* (IVI = 46.13). Maximum number of individuals was also contributed by *Piper betle* (2253).

With maximum frequency (100%) *Piper betle* was found in all the subplots. *Dioscorea pentaphylla,* with lowest frequency (20%) was documented from single subplot and contributed the vegetation with only 5 individuals.

The Simpson's Diversity index (0.70) and Shannon's Diversity Index (1.50) indicated moderate diversity with moderate richness and evenness of climber species. Simpson's Diversity index also explains that there is 77% chance that 2 individuals selected at random from this plot would be from different climber species.

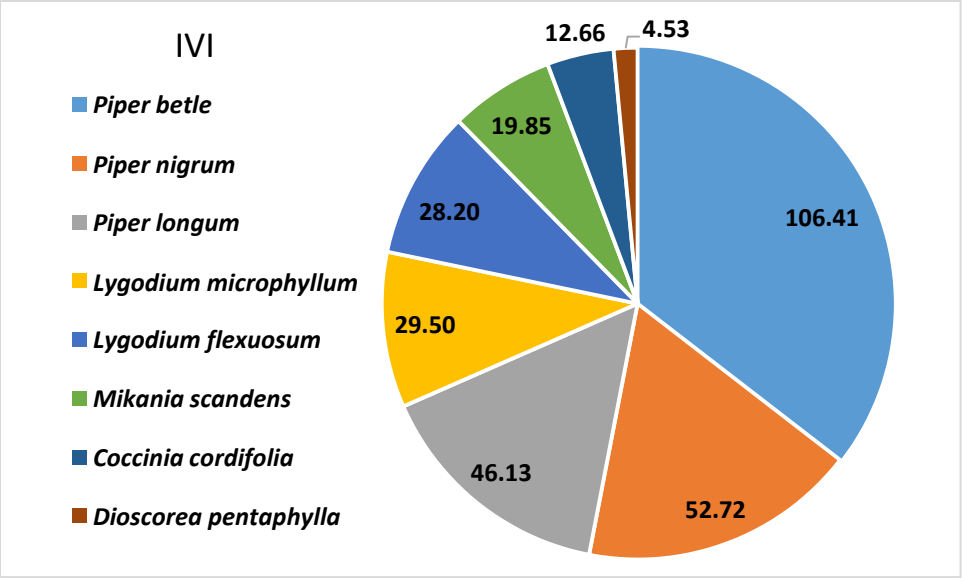


Figure 152: IVI Values of Dominant Scrambler, creeper and twiner species in Sursuti

6.5.4. Inventory of Associated Bird Species

During our field trip 25 species of birds were documented in the selected subplots including some IUCN red listed species like Alexandrine Parakeet (NT) and Red Breasted Parakeet (NT). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 280: All Bird species documented Subplot wise in Sursuti

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	Subplot 10
2	Ashy Drongo	*Dicrurus leucophaeus*	LC	Subplot 5
3	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Subplot 5
4	Black Hooded Oriole	*Oriolus xanthornus*	LC	Subplots 5, 6
5	Blue Throated Barbet	*Megalaima asiatica*	LC	Subplot 7, Adjacent to Subplot 5
6	Chesnut-tailed Starling	*Sturnia malabarica*	LC	Outside the main plot
7	Chestnut bellied nuthatch	*Sitta cinnamoventris*	LC	Subplot 9
8	Cinereous tit	*Parus cinereus*	LC	Adjacent to Subplot 9
9	Common Hill Mayna	*Gracula religiosa*	LC	Adjacent to Subplot 9
10	Greater Racket tail drongo	*Dicrurus paradiseus*	LC	Adjacent to Subplot 5
11	Grey backed shrike	*Lanius tephronotus*	LC	Adjacent to Subplot 10
12	Indian Peafowl	*Pavo cristatus*	LC	Subplot 5
13	Jungle Babler	*Turdoides striata*	LC	Between subplots 9 and10
14	Lesser Yellownape Woodpecker	*Picus chlorolophus*	LC	Subplot 7
15	Lineated Barbet	*Megalaima lineata*	LC	Subplot 6
16	Oriental Pied HornBill	*Anthracoceros albirostris*	LC	Outside the main plot
17	Red Breasted Parakeet	*Psittacula alexandri*	NT	Subplot 5, Adjacent to Subplot 7
18	Red Jungle fowl	*Gallus gallus*	LC	Subplot 5
19	Red Whiskered Bulbul	*Pycnonotus jocosus*	LC	Subplot 6
20	Rose Ringed Parakeet	*Psittacula krameri*	LC	Subplot 7
21	Rufous necked Laughingthrush	*Pterorhinus ruficollis*	LC	Subplot 9
22	Spangled Drongo	*Dicrurus bracteatus*	LC	Subplot 10
23	White Rumpled Shama	*Copsychus malabaricus*	LC	Adjacent to Subplot 10
24	White Throated Fantail	*Rhipidura albicollis*	LC	Subplot 10
25	Yellow Footed green pigeon	*Treron phoenicoptera*	LC	Outside the main plot

6.6. PERMANENT PLOT: SOUTH INDONG

6.6.1. NAME AND LOCATION OF THE AREA

- District: Jalpaiguri
- Division: Gorumara (WL-II)
- Range: Gorumara South
- Beat: Gorumara
- Block: South Indong 2

The sixth field trip in North Bengal Plains was undertaken in South Indong-2 block under Gorumara South Range of Gorumara WL II Division during 26th to 28th February, 2021. The field trip was undertaken by another set of team members on the same dates as for Sursuti.

South Indong area is located in Gorumara Beat of Gorumara South Range under Gorumara National Park which is located in the Dooars region of Jalpaiguri District, West Bengal, India. The South Indong 2 area is situated adjacent to the eastern side of the National Highway 31 diagonally opposite to the Sursuti forest area.

Figure 153: Permanent plot selected at South Indong

6.6.2. Ground survey:

Figure 154: GPS location of the plot with schematic diagram of chosen subplots in South Indong

Table 281: Latitude / Longitude of all the Subplots in South Indong

Subplot points	Latitude	Longitude	Tree Name
100A	26°47'16.84"N	88°48'3.10"E	Lali
100B	26°47'16.73"N	88°48'6.93"E	Koinar
200A	26°47'13.67"N	88°48'2.95"E	Chilauney
200B	26°47'13.58"N	88°48'6.60"E	Bohera
300A	26°47'10.44"N	88°48'2.88"E	Khador
300B	26°47'10.27"N	88°48'6.48"E	Lali
400A	26°47'7.22"N	88°48'2.74"E	Thali
400B	26°47'7.21"N	88°48'6.41"E	Khador
500A	26°47'3.97"N	88°48'2.56"E	Khuti Kath
500B	26°47'3.86"N	88°48'6.25"E	Lali
600A	26°47'0.73"N	88°48'2.52"E	Jarul
600B	26°47'0.60"N	88°48'6.13"E	
700A	26°46'57.59"N	88°48'2.32"E	
700B	26°46'57.39"N	88°48'5.80"E	Koinar
800A	26°46'54.28"N	88°48'2.20"E	Charak Chapa
800B	26°46'54.13"N	88°48'5.98"E	Lali
900A	26°46'51.08"N	88°48'2.09"E	Koinar
900B	26°46'50.88"N	88°48'5.67"E	

Table 282: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in South Indong

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°47'16.80"N	88°48'5.06"E	26°47'16.98"N	88°48'3.23"E
	50b	26°47'18.47"N	88°48'5.02"E		
	50c	26°47'18.49"N	88°48'3.16"E		
Subplot 2	50a	26°47'15.06"N	88°48'6.76"E	26°47'13.65"N	88°48'6.47"E
	50b	26°47'15.29"N	88°48'4.94"E		
	50c	26°47'13.59"N	88°48'4.86"E		
Subplot 4	50a	26°47'7.20"N	88°48'4.63"E	26°47'7.33"N	88°48'2.97"E
	50b	26°47'8.79"N	88°48'4.72"E		
	50c	26°47'8.95"N	88°48'2.80"E		
Subplot 6	50a	26°47'2.19"N	88°48'6.16"E	26°47'0.65"N	88°48'6.07"E
	50b	26°47'2.45"N	88°48'4.51"E		
	50c	26°47'0.67"N	88°48'4.42"E		
Subplot 10	50a	26°46'49.16"N	88°48'5.64"E	26°46'50.85"N	88°48'5.59"E
	50b	26°46'49.31"N	88°48'3.64"E		
	50c	26°46'50.98"N	88°48'3.88"E		

6.6.3. Inventorization of Flora

Table 283: Documentation of all tree species in all the Subplots in South Indong

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp4	Sp6	Sp10	Total
1	*Actinodaphne obovata*	Mondola/runche	2		4	4	2	**12**
2	*Ailanthus integrifolia*	Gokul/gokul lali			4		4	**8**
3	*Albizia procera*	Sada sirish/swet sirish			1			**1**
4	*Alstonia scholaris*	Chatiyan/chatim	1			3	2	**6**
5	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali			4	2	6	**12**
6	*Baccaurea ramiflora*	Notko/lotka/kusum	3	1		1	15	**20**
7	*Balakata baccata*	Akhataru/akhataruwa					1	**1**
8	*Bischofia javanica*	Kainjal			1			**1**
9	*Bridelia retusa*	Kosai/ gayo	1	2	9	5	3	**20**
10	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo	1	4	1	2	1	**9**
11	*Careya arborea*	Kumbhi		4	1			**5**
12	*Casearia glomerata*	Bandarkhaja	3	1				**4**
13	*Casearia vareca*	Sada lali		4	12	9	10	**35**
14	*Castanopsis hystrix*	Katus			3	2	5	**10**
15	*Castanopsis tribuloides*	Masure katus					2	**2**
16	*Chukrasia tabularis*	Chikrasi/ chekrasi					1	**1**
17	*Cinnamomum glaucescens*	Malagiri			1	1		**2**
18	*Cinnamomum tamala*	Tejpat		1			1	**2**
19	*Gynocardia odorata*	Gante	1			1	1	**3**
20	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta			1		1	**2**

21	*Duabanga grandiflora*	Lampate		1	1	2	3	**7**
22	*Dysoxylum binectarifolium*	Lahasune/ rasune	13	14	25	26	66	**144**
23	*Dysoxylum procerum*	Lahasune/Assam lali	2	1		11		**14**
24	*Elaeocarpus varuua*	Bhadrase/ Lalpatey / Jungli jalpai	3	1	1	2		**7**
25	*Ficus recemosa*	Dumur	1				2	**3**
26	*Gmelina arborea*	Gamar/gamari/gambhir/gamarchika				1		**1**
27	*Holarrhena pubescens*	Kurchi/ khirra	45	27	18	12	7	**109**
28	*Ilex godajam*	Hatisura		2				**2**
29	*Lagerstroemia parviflora*	Baaje/sidha	3	1	3	1	2	**10**
30	*Lagerstroemia speciosa*	Jarul	1	3	3			**7**
31	*Lannea coromandelica*	Jiga / jeol/ jiya	1			1		**2**
32	*Lasiocca symphylliaefolia*	Jhakri	13	6	8	5	5	**37**
33	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali	1			1		**2**
34	*Litsea panamanja*	Choto kawla / masuri kawla		5				**5**
35	*Machilus gamblei*	Kawla/ampate/ampate kawla	2	2	1			**5**
36	*Machilus glaucescens*	KHAGOR/Bhale kawla/Sada Khador		2	6	18	13	**39**
37	*Magnolia cathcartii*	Teeta chaap					23	**23**
38	*Magnolia champaca*	Chaamp			4	1	6	**11**
39	*Mallotus nudiflorus*	Pithali/laddu / goypokhna		19	23	20	3	**65**
40	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche	13	14		20	33	**80**
41	*Mussaenda roxburghii*						1	**1**
42	*Oroxylum indicum*	Kanchan	1	5				**6**
43	*Piliostigma malabaricum*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli	84	1	19	20	30	**154**
44	*Premna bengalensis*	Pandey / bhelua	1	2	8	5		**16**
45	*Rhus chinensis*	Chiloni/ chilauney	5	1				**6**
46	*Schima wallichii*	Sal		8		6		**14**
47	*Shorea robusta*	Kadam katus/bhaisi katus/gobrey katus/gol/sada katus	18	34	23	2		**77**
48	*Sloanea sterculiacea*	Udla / odal					7	**7**
49	*Sterculia villosa*	Parari	4	3	1	7		**15**
50	*Stereospermum tetragonum*	Jamun/khude jam/kalo jam/jam/lal jamun	25	16	13	5	4	**63**
51	*Syzygium cumini*	choto jam/pani jam/kancha jam	6	1	6	1	8	**22**
52	*Syzygium jambolanum*	Goda jam/kada jam/loha jam/maina jamun/sada jamun/golap jam	1		3	1		**5**
53	*Terminalia bellirica*	Bahera/bhaola	4	24	16	1	1	**46**
54	*Terminalia crenulata*	Pakasal/akasaj	1		1			**2**
55	*Toona hexandra*	Toon/tuni	4		1			**5**
56	*Turpinia pomifera*	Thali	8	10	6	8	2	**34**
57	*Vitex heterophylla*	Panchpate	1	3	4	7		**15**
58	*Wrightia tomentosa*	Doodhia		7	13	10	2	**32**
Total			**273**	**230**	**249**	**224**	**273**	**1249**

Table 284: Statistical analysis of all the Tree Species in South Indong

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	Ra%	IVI	SDI	H
1	*Actinodaphne obovata*	12	80	2.31	2.40	0.96	3.00	0.89	4.17	**0.94**	**3.28**
2	*Ailanthus integrifolia*	8	40	1.16	1.60	0.64	4.00	1.19	2.99		
3	*Albizia procera*	1	20	0.58	0.20	0.08	1.00	0.3	0.96		

4	*Alstonia scholaris*	6	60	1.73	1.20	0.48	2.00	0.6	2.81
5	*Amoora wallichii*	12	60	1.73	2.40	0.96	4.00	1.19	3.89
6	*Baccaurea ramiflora*	20	80	2.31	4.00	1.60	5.00	1.49	5.40
7	*Balakata baccata*	1	20	0.58	0.20	0.08	1.00	0.3	0.96
8	*Bischofia javanica*	1	20	0.58	0.20	0.08	1.00	0.3	0.96
9	*Bridelia retusa*	20	100	2.89	4.00	1.60	4.00	1.19	5.68
10	*Callicarpa arborea*	9	100	2.89	1.80	0.72	1.80	0.54	4.15
11	*Careya arborea*	5	40	1.16	1.00	0.40	2.50	0.75	2.30
12	*Casearia glomerata*	4	40	1.16	0.80	0.32	2.00	0.6	2.07
13	*Casearia vareca*	35	80	2.31	7.00	2.80	8.75	2.61	7.72
14	*Castanopsis hystrix*	10	60	1.73	2.00	0.80	3.33	0.99	3.53
15	*Castanopsis tribuloides*	2	20	0.58	0.40	0.16	2.00	0.6	1.33
16	*Chukrasia tabularis*	1	20	0.58	0.20	0.08	1.00	0.3	0.96
17	*Cinnamomum glaucescens*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
18	*Cinnamomum tamala*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
19	*Gynocardia odorata*	3	60	1.73	0.60	0.24	1.00	0.3	2.27
20	*Dillenia pentagyna*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
21	*Duabanga grandiflora*	7	80	2.31	1.40	0.56	1.75	0.52	3.39
22	*Dysoxylum binectarifolium*	144	100	2.89	28.80	11.53	28.80	8.59	23.01
23	*Dysoxylum procerum*	14	60	1.73	2.80	1.12	4.67	1.39	4.25
24	*Elaeocarpus varuua*	7	80	2.31	1.40	0.56	1.75	0.52	3.39
25	*Ficus recemosa*	3	40	1.16	0.60	0.24	1.50	0.45	1.84
26	*Gmelina arborea*	1	20	0.58	0.20	0.08	1.00	0.3	0.96
27	*Holarrhena pubescens*	109	100	2.89	21.80	8.73	21.80	6.5	18.12
28	*Ilex godajam*	2	20	0.58	0.40	0.16	2.00	0.6	1.33
29	*Lagerstroemia parviflora*	10	100	2.89	2.00	0.80	2.00	0.6	4.29
30	*Lagerstroemia speciosa*	7	60	1.73	1.40	0.56	2.33	0.7	2.99
31	*Lannea coromandelica*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
32	*Lasiocca symphylliaefolia*	37	100	2.89	7.40	2.96	7.40	2.21	8.06
33	*Litsea monopetala*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
34	*Litsea panamanja*	5	20	0.58	1.00	0.40	5.00	1.49	2.47
35	*Machilus gamblei*	5	60	1.73	1.00	0.40	1.67	0.5	2.63
36	*Machilus glaucescens*	39	80	2.31	7.80	3.12	9.75	2.91	8.34
37	*Magnolia cathcartii*	23	20	0.58	4.60	1.84	23.00	6.86	9.28
38	*Magnolia champaca*	11	60	1.73	2.20	0.88	3.67	1.09	3.71
39	*Mallotus nudiflorus*	65	80	2.31	13.00	5.20	16.25	4.84	12.36
40	*Monoon simiarum*	80	80	2.31	16.00	6.41	20.00	5.96	14.68
41	*Mussaenda roxburghii*	1	20	0.58	0.20	0.08	1.00	0.3	0.96
42	*Oroxylum indicum*	6	40	1.16	1.20	0.48	3.00	0.89	2.53
43	*Piliostigma malabaricum*	154	100	2.89	30.80	12.33	30.80	9.18	24.40
44	*Premna bengalensis*	16	80	2.31	3.20	1.28	4.00	1.19	4.79
45	*Rhus chinensis*	6	40	1.16	1.20	0.48	3.00	0.89	2.53
46	*Schima wallichii*	14	40	1.16	2.80	1.12	7.00	2.09	4.36
47	*Shorea robusta*	77	80	2.31	15.40	6.16	19.25	5.74	14.22

48	*Sloanea sterculiacea*	7	20	0.58	1.40	0.56	7.00	2.09	3.23
49	*Sterculia villosa*	15	80	2.31	3.00	1.20	3.75	1.12	4.63
50	*Stereospermum tetragonum*	63	100	2.89	12.60	5.04	12.60	3.76	11.69
51	*Syzygium cumini*	22	100	2.89	4.40	1.76	4.40	1.31	5.96
52	*Syzygium jambolanum*	5	60	1.73	1.00	0.40	1.67	0.5	2.63
53	*Terminalia bellirica*	46	100	2.89	9.20	3.68	9.20	2.74	9.32
54	*Terminalia crenulata*	2	40	1.16	0.40	0.16	1.00	0.3	1.61
55	*Toona hexandra*	5	40	1.16	1.00	0.40	2.50	0.75	2.30
56	*Turpinia pomifera*	34	100	2.89	6.80	2.72	6.80	2.03	7.64
57	*Vitex heterophylla*	15	80	2.31	3.00	1.20	3.75	1.12	4.63
58	*Wrightia tomentosa*	32	80	2.31	6.40	2.56	8.00	2.38	7.26

a. Tree Species:

A total of 1249 trees were documented under 58 tree species from this permanent plot at South Indong. This plot represented a good miscellaneous vegetation where *Piliostigma malabaricum* (IVI = 24.40) with 154 trees was the dominant species, followed by *Dysoxylum binectarifolium* (IVI =23.01) with 144 trees and *Holarrhena pubescens* (IVI = 18.12), with 109 trees. Individuals of all these three species of trees were present in all the 5 subplots chosen randomly for documentation in this study and had 100% frequencies.

The next co-dominant species that were less than 100 but more than 50 individual trees were *Monoon simiarum* (80 trees; IVI = 14.68), *Shorea robusta* (77 trees; IVI = 14.22), *Mallotus nudiflorus* (65 trees; IVI = 12.36) having 80% frequency (occurring in 4 of the 5 subplots documented)while *Stereospermum tetragonum* (63 trees; IVI = 11.69) was present in all the 5 subplots (100% frequency).

All the 5 Subplots had similar tree species diversity ranging from 33 to 36 species.

The other species that occurred in all the 5 subplots having the highest frequency (100%) were *Bridelia retusa, Callicarpa arborea, Lagerstroemia parviflora, Lasiococca symphylliaefolia, Syzygium cumini, Terminalia bellirica* and *Turpinia pomifera* whereas *Albizia procera, Balakata baccata, Bischofia javanica, Castanopsis tribuloides, Chukrasia tabularis, Gmelina arborea, Ilex godajam, Litsea panamanja, Magnolia cathcartii, Mussaenda roxburghii* and *Sloanea sterculiacea*, had the lowest frequency (20%), were found to be exist in only one single subplot. Of these species like *Albizia procera, Balakata baccata, Bischofia javanica, Chukrasia tabularis, Gmelina arborea* and *Mussaenda roxburghii* were found with only single individual in one of the 5 subplots.

The Simpson's Diversity index (0.94) and Shannon's Diversity Index (3.28) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 94% chance that 2 individuals selected at random from this plot would be from different tree species**.**

Gmelina arborea was recorded as the tallest tree with a height of 76.20 m and a maximum GBH of 279.40 cm (subplot-6) and *Sterculia villosa* was recorded as the shortest tree with a height of 3.66 m and GBH of 71.12 cm (subplot-4).

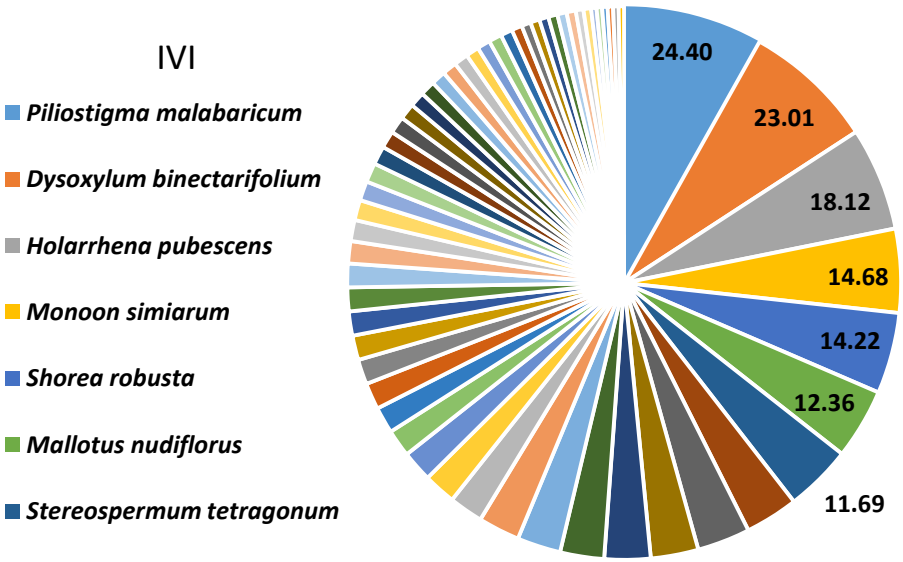


Figure: IVI Values of Dominant Tree Species in South Indong

Table 285: Average Height and GBH data of all the subplots in South Indong

Sl. No.	Scientific names	SP 1		SP 2		SP 4		SP 6		SP 10	
		AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)
1	*Actinodaphne obovata*	16.76	62.23			9.53	59.06	10.67	50.80	7.62	72.39
2	*Ailanthus integrifolia*					11.58	41.91			19.66	107.32
3	*Albizia procera*					9.14	60.96				
4	*Alstonia scholaris*	30.48	91.44					33.53	115.15	16.46	71.12
5	*Amoora wallichii*					14.10	75.57	9.91	46.99	19.81	96.10
6	*Baccaurea ramiflora*	15.75	34.71	12.19	50.80			10.67	58.42	7.56	38.27
7	*Balakata baccata*									13.72	165.10
8	*Bischofia javanica*					24.38	88.90				
9	*Bridelia retusa*	21.34	50.80	12.19	50.80	9.65	61.81	9.14	52.83	10.57	55.88
10	*Callicarpa arborea*	12.19	96.52	10.29	38.74	7.62	43.18	8.38	36.83	9.14	76.20
11	*Careya arborea*			7.01	33.02	6.40	43.18				
12	*Casearia glomerata*	18.29	46.57	12.19	38.10						
13	*Casearia vareca*			20.96	70.49	11.33	54.40	15.10	72.81	13.78	68.58
14	*Castanopsis hystrix*					8.64	51.65	12.50	74.93	15.06	90.93
15	*Castanopsis tribuloides*									10.67	54.61
16	*Chukrasia tabularis*									10.67	76.20
17	*Cinnamomum glaucescens*					45.72	139.70	48.77	304.80		
18	*Cinnamomum tamala*			4.57	27.94					9.14	43.18
19	*Dillenia pentagyna*					4.57	203.20			15.24	203.20
20	*Duabanga grandiflora*			10.67	50.80	9.14	33.02	8.53	27.94	12.60	55.03
21	*Dysoxylum binectarifolium*	28.14	101.21	24.43	112.85	16.26	74.17	21.04	104.24	12.40	75.62
22	*Dysoxylum procerum*	19.05	31.75	12.19	43.18			11.78	67.19		
23	*Elaeocarpus varuua*	11.18	69.43	21.34	68.58	24.38	99.06	13.72	71.12		
24	*Ficus recemosa*	36.58	172.72							16.76	146.05

25	*Gmelina arborea*							76.20	279.40		
26	*Gynocardia odorata*	9.14	53.34					10.67	66.04	10.67	101.60
27	*Holarrhena pubescens*	14.03	53.62	12.59	52.68	6.55	44.31	12.19	62.65	9.01	62.77
28	*Ilex godajam*			24.69	100.33						
29	*Lagerstroemia parviflora*	10.16	38.10	16.76	104.14	11.68	59.27	24.38	101.60	7.62	43.18
30	*Lagerstroemia speciosa*	27.43	104.14	7.11	39.79	8.84	37.25				
31	*Lannea coromandelica*	27.43	88.90					48.77	152.40		
32	*Lasiocca symphylliaefolia*	21.57	77.57	12.55	63.92	8.31	40.64	12.31	48.77	14.14	84.33
33	*Litsea monopetala*	21.34	48.26					30.48	116.84		
34	*Litsea panamanja*			13.72	54.36						
35	*Machilus gamblei*	15.24	40.64	17.53	45.72	12.19	53.34				
36	*Machilus glaucescens*			18.29	45.72	13.92	77.47	13.77	65.33	12.92	55.49
37	*Magnolia cathcartii*									14.97	69.13
38	*Magnolia champaca*					9.91	66.68	7.62	25.40	11.68	64.35
39	*Mallotus nudiflorus*			8.74	32.89	8.83	43.84	14.08	53.09	10.67	41.49
40	*Monoon simiarum*	15.47	36.73	17.09	58.24			11.14	48.90	12.29	55.19
41	*Mussaenda roxburghii*									9.75	45.72
42	*Oroxylum indicum*	12.19	40.64	11.34	58.42						
43	*Piliostigma malabaricum*	21.11	74.14	12.19	53.34	12.02	70.32	12.37	72.26	14.31	76.45
44	*Premna bengalensis*	21.34	86.36	7.62	41.91	12.12	60.64	8.84	54.36		
45	*Rhus chinensis*	22.86	112.27	6.10	27.94						
46	*Schima wallichii*			20.35	77.15			50.80	196.43		
47	*Shorea robusta*	59.27	276.30	67.01	274.77	66.33	296.30	73.15	444.50		
48	*Sloanea sterculiacea*									22.12	132.08
49	*Sterculia villosa*	64.16	285.75	46.74	209.97	3.66	71.12	62.48	300.81		
50	*Stereospermum tetragonum*	30.75	117.35	24.75	88.27	10.06	59.59	23.16	123.44	31.78	170.82
51	*Syzygium cumini*	30.58	100.33	6.10	35.56	20.57	93.98	7.62	43.18	24.61	99.70
52	*Syzygium jambolanum*	33.53	114.30			8.13	65.19	7.62	30.48		
53	*Terminalia bellirica*	22.86	139.07	24.07	79.69	14.31	74.45	18.29	104.14	30.48	127.00
54	*Terminalia crenulata*	9.14	35.56			10.36	38.10				
55	*Toona hexandra*	19.05	38.74			45.72	220.98				
56	*Turpinia pomifera*	26.82	102.87	18.59	72.64	12.19	67.73	5.98	42.23	10.06	72.39
57	*Vitex heterophylla*	9.14	25.40	8.64	50.80	11.81	73.03	8.06	42.09		
58	*Wrightia tomentosa*			8.93	52.25	7.83	44.74	12.31	55.12	6.40	36.83

Table 286: Documentation of Shrub species (including tree saplings) in all the Subplots in South Indong

Sl. No.	Shrub Species	Common name	Sp1	Sp10	Sp2	Sp4	Sp6	Total
1	*Amelanchier ovalis*				3			**3**
2	*Amoora rohituka*		2	21	5	2	1	**31**
3	*Amoora wallichii*		1	26	6	4	1	**38**
4	*Baccaurea sapida*		3	13				**16**
5	*Barleria cristata*	Jhati		35				**35**
6	*Bauhinia variegata*		5	17	10			**32**
7	*Clerodendrum viscosum*	Ghentu/Bhant	59	26	270	110	91	**556**
8	*Dicliptera brachiata*				24	24	86	**134**

9	*Glinus oppositifolius*					16	12		**28**
10	*Licania membranacea*		3						**3**
11	*Mitracarpus hirtus*		25		65	67	88		**245**
12	*Moringa oleifera*		3	2	4				**9**
13	*Phlogacanthus thyrsiformis*	Lal Basak/Kalo Basak	70		38	162	54		**324**
14	*Phoebe lanceolata*		4		1	4	23		**32**
15	*Poecilanthe hostmannii*		2						**2**
16	*Polyalthia simiarum*		4	20	2	3	4		**33**
17	*Psychotria microbotrys*			39					**39**
18	*Psychotria nervosa*		1						**1**
19	*Shorea robusta*				3		12		**15**
20	*Siparuna guianensis*		487	109	82	150	350		**1178**
21	*Solanum viarum*			12	14	19			**45**
22	*Syzygium cumini*			3					**3**
23	*Tabernaemontana divaricata*			6	52	33	24		**115**
Total			**669**	**329**	**579**	**594**	**746**		**2917**

Table 287: Statistical analysis of all the Shrub Species (including tree saplings) in South Indong

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Amelanchier ovalis*	3	20	1.52	2.40	0.10	3.00	0.41	2.03	**0.78**	**1.98**
2	*Amoora rohituka*	31	100	7.58	24.80	1.06	6.20	0.84	9.48		
3	*Amoora wallichii*	38	100	7.58	30.40	1.30	7.60	1.03	9.91		
4	*Baccaurea sapida*	16	40	3.03	12.80	0.55	8.00	1.09	4.67		
5	*Barleria cristata*	35	20	1.52	28.00	1.20	35.00	4.76	7.48		
6	*Bauhinia variegata*	32	60	4.55	25.60	1.10	10.67	1.45	7.09		
7	*Clerodendrum viscosum*	556	100	7.58	444.80	19.06	111.20	15.1	41.77		
8	*Dicliptera brachiata*	134	60	4.55	107.20	4.59	44.67	6.08	15.22		
9	*Glinus oppositifolius*	28	40	3.03	22.40	0.96	14.00	1.9	5.89		
10	*Licania membranacea*	3	20	1.52	2.40	0.10	3.00	0.41	2.03		
11	*Mitracarpus hirtus*	245	80	6.06	196.00	8.40	61.25	8.33	22.79		
12	*Moringa oleifera*	9	60	4.55	7.20	0.31	3.00	0.41	5.26		
13	*Phlogacanthus thyrsiformis*	324	80	6.06	259.20	11.11	81.00	11	28.19		
14	*Phoebe lanceolata*	32	80	6.06	25.60	1.10	8.00	1.09	8.25		
15	*Poecilanthe hostmannii*	2	20	1.52	1.60	0.07	2.00	0.27	1.86		
16	*Polyalthia simiarum*	33	100	7.58	26.40	1.13	6.60	0.9	9.60		
17	*Psychotria microbotrys*	39	20	1.52	31.20	1.34	39.00	5.31	8.16		
18	*Psychotria nervosa*	1	20	1.52	0.80	0.03	1.00	0.14	1.69		
19	*Shorea robusta*	15	40	3.03	12.00	0.51	7.50	1.02	4.56		
20	*Siparuna guianensis*	1178	100	7.58	942.40	40.38	235.60	32.1	80.01		
21	*Solanum viarum*	45	60	4.55	36.00	1.54	15.00	2.04	8.13		
22	*Syzygium cumini*	3	20	1.52	2.40	0.10	3.00	0.41	2.03		
23	*Tabernaemontana divaricata*	115	80	6.06	92.00	3.94	28.75	3.91	13.91		

b. Shrub Species:

A total number of 2917 individuals belonging to 23 species of shrubs (including tree saplings) were documented from this permanent plot. The vegetation was dominated by *Siparuna guianensis* (IVI = 80.01), *Clerodendrum viscosum* (IVI = 41.77), *Phlogacanthus thyrsiformis* (IVI = 28.19) and *Mitracarpus hirtus* (IVI = 22.79) (Figure: 155). Maximum number of individuals was contributed by *Siparuna guianensis* (1178).

With 100% frequency *Amoora rohituka, Amoora wallichii, Clerodendrum viscosum, Polyalthia simiarum* and *Siparuna guianensis* were found in all the subplots. *Amelanchier ovalis, Licania membranacea, Poecilanthe hostmannii, Psychotria microbotrys, Psychotria nervosa, Syzygium cumini* and *Barleria cristata* were found to have least frequency (20%) and documented only from single subplot. *Psychotria nervosa* and *Poecilanthe hostmannii* contributed the ground vegetation with 1 to 2 individuals.

The Simpson's Diversity index (0.78) and Shannon's Diversity Index (1.98) indicated that the plot is moderately diverse with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 78% chance that 2 individuals selected at random from this plot would be from different shrub species.

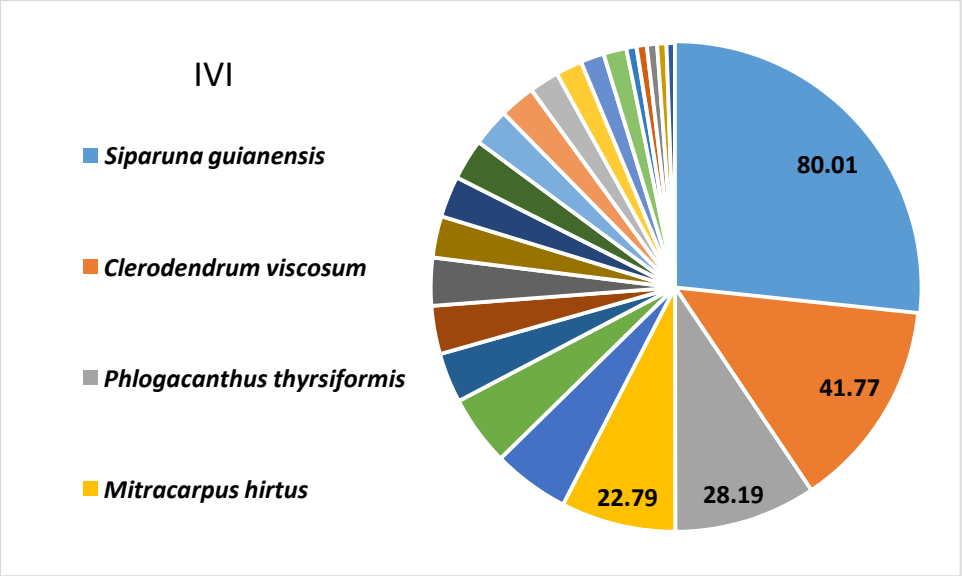


Figure 155: IVI Values of Dominant Shrubs (including tree saplings) in South Indong

Table 288: Documentation of Liana species in all the Subplots in South Indong

Sl. No.	Liana Species	Common name	Sp1	Sp10	Sp2	Sp4	Sp6	Total
1	*Ficus pubigera*		2			14		**16**
2	*Ipomea obstructa*					13		**13**
3	*Robinia pseudoacacia*		4	3	47	23	77	**154**
4	*Smilax zeylanica*	Kumri	5					**5**
Total			**12**	**3**	**47**	**50**	**77**	**188**

Table 289: Statistical analysis of all the Liana species in South Indong

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	Rd%	A	RA%	IVI	SDI	H
1	*Ficus pubigera*	16	40	20	12.80	8.47	8.00	13.84	42.31	0.33	0.68
2	*Ipomea obstructa*	13	20	10	10.40	6.88	13.00	22.49	39.37		
3	*Robinia pseudoacacia*	154	100	50	123.20	81.5	30.80	53.29	184.77		
4	*Smilax zeylanica*	5	20	10	4.00	2.65	5.00	8.65	21.30		

c. Liana Species:

Only 188 individuals under 4 liana species were documented from this permanent plot. The vegetation was dominated by *Robinia pseudoacacia* (IVI = 184.77). Maximum number of individuals was also contributed by *Robinia pseudoacacia* (154).

Robinia pseudoacacia was found to have highest frequency (100%) and documented from all the subplots. *Ipomea obstructa* and *Smilax zeylanica* were found to exist in single subplot with lowest frequency (20%).

The Simpson's Diversity index (0.33) and Shannon's Diversity Index (0.68) indicated that the plot sustained very less diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 33% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

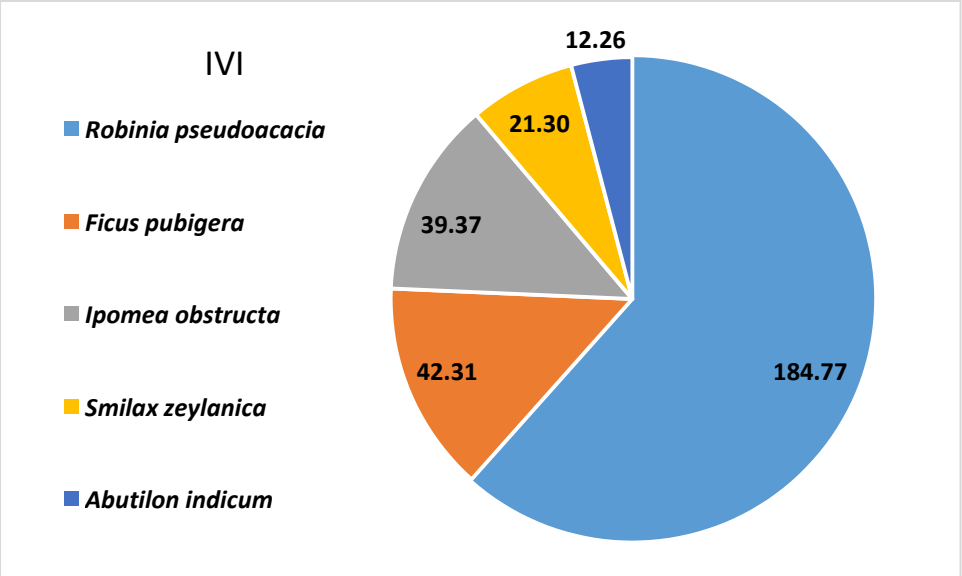


Figure 156: IVI Values of Dominant Liana species in South Indong

Table 290: Documentation of all Herb species in all the nested Subplots in South Indong

Sl. No.	Herb Species	Sp1	Sp10	Sp2	Sp4	Sp6	Total
1	*Bromus hordeaceus*					11	**11**
2	*Chelidonium majus*		31				**31**
3	*Digitaria sanguinalis*	52	45	150	70	38	**355**
4	*Stellaria media*		150				**150**
5	*Tropaeolum majus*		2				**2**
Total		**52**	**228**	**150**	**70**	**49**	**549**

Table 291: Statistical analysis of all the Herb Species in South Indong

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Bromushordeaceus*	11	20	11.11	220	2.00	11	4.15	17.27	**0.50**	**0.90**
2	*Chelidonium majus*	31	20	11.11	620	5.65	31	11.70	28.46		
3	*Digitaria sanguinalis*	355	100	55.56	7100	64.66	71	26.79	147.01		
4	*Stellaria media*	150	20	11.11	3000	27.32	150	56.60	95.04		
5	*Tropaeolum majus*	2	20	11.11	40	0.36	2	0.75	12.23		

d. Herb Species:

A total number of 549 individuals belonging to 5 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by *Digitaria sanguinalis* (IVI = 147.01) followed by *Stellaria media* (IVI = 95.04). Maximum numbers of individuals were also contributed by *Digitaria sanguinalis* (355).

With highest frequency (100%) *Digitaria sanguinalis* was found in all the subplots. Rest of the species (4) were found to have least frequency (20%) and documented only from single subplot. *Tropaeolum majus* contributed the vegetation with minimum 2 individuals each.

The Simpson's Diversity index (0.50) and Shannon's Diversity Index (0.90) of herbaceous species indicated that the plot is very less diverse with low richness and evenness. Simpson's Diversity index also explains that there is 50% chance that 2 individuals selected at random from this plot would be from different herb species.

No scrambler, creeper and twiner species were documented from this plot.

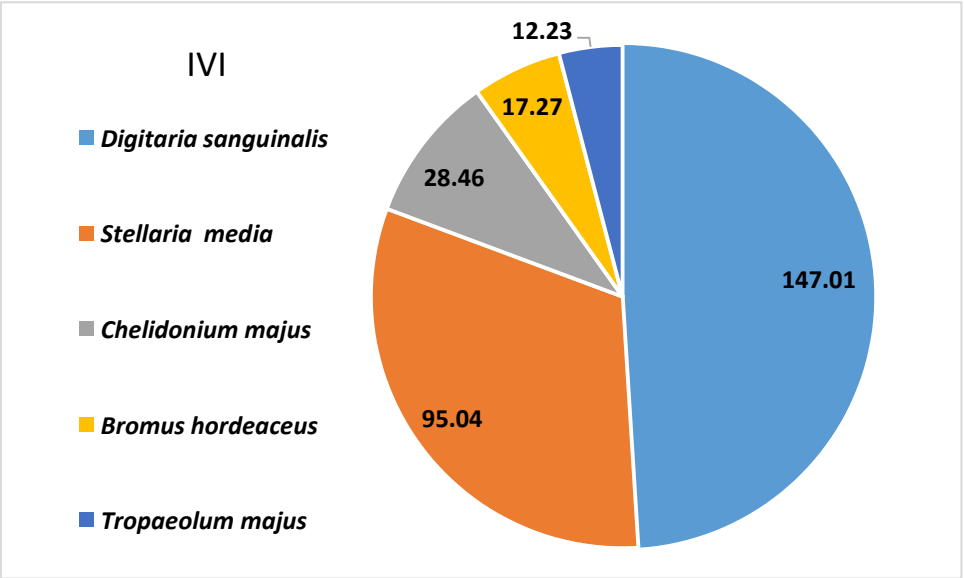


Figure 157: IVI Values of Dominant Herb Species in South Indong

6.6.4. Inventory of Associated Bird Species

In South Indong19 species of birds were documented from the selected subplots which included some IUCN red listed species like Alexandrine Parakeet (NT) and Red Breasted Parakeet (NT). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 292: All Bird species documented Subplot wise in South Indong

Sl. No.	Common name	Scientific name	IUCN Status	Subplot
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	Subplots 9, 10
2	Ashy Bulbul	*Hemixos flavala*	LC	Subplot 1
3	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Subplot 1
4	Black Hooded Oriole	*Oriolus xanthornus*	LC	Outside the main plot
5	Blue Throathed Barbet	*Megalaima asiatica*	LC	Subplot 1
6	Chestnut Headed Bee Eater	*Merops leschenaulti*	LC	Subplot 1
7	Common Hill Mayna	*Gracula religiosa*	LC	Subplot 10
8	Eurasian Collared Dove	*Streptopelia decaocto*	LC	Subplot 9
9	Greater Flameback Woodpecker	*Chrysocolaptes guttacristatus*	LC	Subplot 1, Outside the main plot
10	Indian Peafowl	*Pavo cristatus*	LC	Subplot 9
11	Jungle Babler	*Turdoides striata*	LC	Subplot 10
12	Jungle Myna	*Acridotheres fuscus*	LC	Subplot 9
13	Jungle Owlet	*Glaucidium radiatum*	LC	Subplot 10
14	Maroon Oriole	*Oriolus traillii*	LC	Outside the main plot
15	Red Breasted Parakeet	*Psittacula alexandri*	NT	Subplots 7, 9
16	Red Vented Bulbul	*Pycnonotus cafer*	LC	Subplot 5
17	Spangled Drongo	*Dicrurus bracteatus*	LC	Subplot 10
18	White Rumpled Shama	*Copsychus malabaricus*	LC	Subplot 10
19	White Throated Fantail	*Rhipidura albicollis*	LC	Subplot 10

6.7. PERMANENT PLOT: ADMA

6.7.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Buxa TR (West)
- Range: Pana
- Beat: Adma
- Block: Adma 2

The seventh field trip in North Bengal Plains was undertaken to Adma-2block under Pana Range of BTR West Division during 10th to 12th March, 2021.

The Adma forest area is located under Pana Range, Buxa Tiger Reserve West. Buxa and is situated in Alipurduar district of West Bengal between the longitudes 89°25'E & 89°55'E and latitudes 23°30'N & 23°50'N. The total forest area comprises of 760.87 sq. km. The Buxa Tiger Reserve West Division consists of 7 ranges with respective beats. Adma forests occupy the area that is situated in the northern side of the Tiger Reserve in the foothills of Bhutan from where the hilly part of the Tiger reserve starts.

Figure 158: Permanent plot selected at Adma

6.7.2. Ground survey:

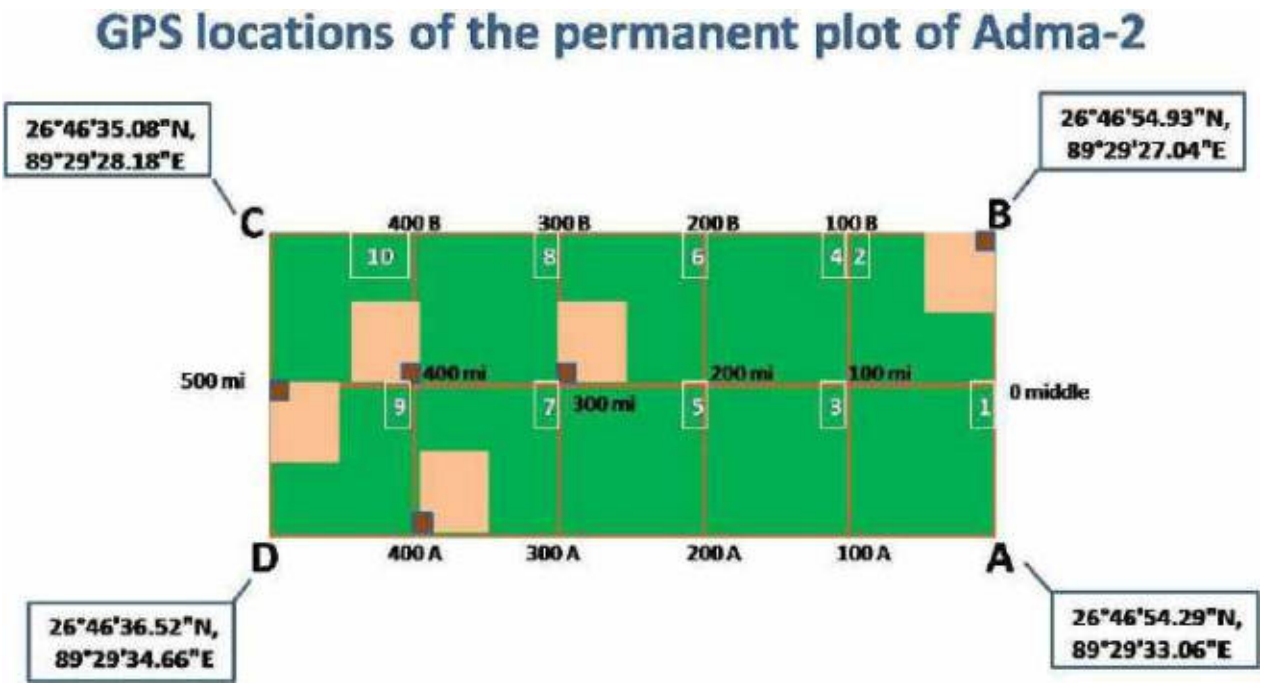


Figure 159: GPS location of the plot with schematic diagram of chosen subplots in Adma

Table 293: Latitude / Longitude of all the Subplots in Adma

Subplot points	Latitude	Longitude	Tree Name
0 middle	26°46'54.47"N	89°29'30.26"E	Khirra
100 middle	26°46'50.68"N	89°29'30.55"E	Angare
200 middle	26°46'47.68"N	89°29'30.77"E	Bohera
300 middle	26°46'44.08"N	89°29'30.97"E	Charai Gurwa
400 middle	26°46'39.63"N	89°29'31.42"E	Bhutia Lapche
500 middle	26°46'35.95"N	89°29'31.68"E	Mayna
100 A	26°46'50.82"N	89°29'32.60"E	Lapche
100 B	26°46'50.63"N	89°29'27.17"E	Gokul
200 A	26°46'47.80"N	89°29'33.47"E	Charai Gurwa
200 B	26°46'47.51"N	89°29'27.67"E	Kala Siris
300 A	26°46'44.39"N	89°29'33.83"E	Lapche
300 B	26°46'43.65"N	89°29'27.71"E	Simul
400 A	26°46'40.26"N	89°29'34.35"E	Lapche
400 B	26°46'39.01"N	89°29'27.97"E	

Table 294: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Adma

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 2	50a	26°46'53.03"N	89°29'27.37"E	26°46'54.68"N	89°29'27.29"E
	50b	26°46'52.73"N	89°29'29.39"E		
	50c	26°46'54.57"N	89°29'29.31"E		
Subplot 6	50a	26°46'43.84"N	89°29'29.09"E	26°46'44.18"N	89°29'30.86"E
	50b	26°46'45.48"N	89°29'29.02"E		
	50c	26°46'45.58"N	89°29'30.87"E		
Subplot 7	50a	26°46'39.96"N	89°29'32.56"E	26°46'40.44"N	89°29'34.13"E
	50b	26°46'41.85"N	89°29'32.27"E		
	50c	26°46'42.20"N	89°29'34.07"E		
Subplot 9	50a	26°46'39.32"N	89°29'29.18"E	26°46'39.43"N	89°29'31.15"E
	50b	26°46'37.53"N	89°29'29.43"E		
	50c	26°46'37.60"N	89°29'31.50"E		
Subplot 10	50a	26°46'37.94"N	89°29'31.51"E	26°46'36.09"N	89°29'31.82"E
	50b	26°46'38.41"N	89°29'33.08"E		
	50c	26°46'36.36"N	89°29'33.66"E		

6.7.3. Inventorization of Flora

Table 295: Documentation of all tree species in all the Subplots in Adma

Sl. No.	Tree Species	Common name	Sp2	Sp6	Sp7	Sp9	Sp10	Total
1	*Actinodaphne obovata*	Mondola/runche					2	**2**
2	*Ailanthus integrifolia*	Gokul/gokul lali	8	1		1	1	**11**
3	*Albizia lucidor*	Potka sirish					1	**1**
4	*Albizia procera*	Sada sirish/swet sirish	2					**2**
5	*Albizzia Lebbec*	Kala sirish		3				**3**
6	*Alstonia scholaris*	Chatiyan/chatim	3		1	1	3	**8**
7	*Amoora rohituka*	Lasooni lali/rosuni lali	8	8	1	8	45	**70**
8	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali	2				14	**16**
9	*Baccaurea ramiflora*	Notko/lotka/kusum				1	1	**2**
10	*Bombax ceiba*	Simul	1	2				**3**
11	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo				4		**4**
12	*Cassia fistula*	Sonalu/ bandarlathi					6	**6**
13	*Castanopsis hystrix*	Katus	1	3	4	2	7	**17**
14	*Cephalanthus tetrandra*	Kali kath					2	**2**
15	*Chisocheton cumingianus*	FALA LALI / HARA LALI/ FATA LALI (pic taken)	6	3	3	20	13	**45**
16	*Chukrasia tabularis*	Chikrasi/ chekrasi	2	1				**3**
17	*Cinnamomum glaucescens*	Malagiri	1					**1**
18	*Citrus indica*	Ramsantala/ junglee komola	1					**1**
19	*Dillenia indica*	Chalta /paachpholia/ pachkol		1				**1**
20	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta				1		**1**

21	*Duabanga grandiflora*	Lampate	1					**1**
22	*Garuga pinnata*	Dabdabey	2					**2**
23	*Holarrhena pubescens*	Kurchi/ khirra	6	17	38	13	10	**84**
24	*Knema erratica*	Ramgua					1	**1**
25	*Lagerstroemia parviflora*	Baaje/sidha	4	4				**8**
26	*Lagerstroemia speciosa*	Jarul			1			**1**
27	*Litsea lancifolia*	Mokai	1				1	**2**
28	*Machilus gamblei*	Kawla/ampate/ampate kawla	1					**1**
29	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	4	1	2		18	**25**
30	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche	88	57	123	111	115	**494**
31	*Morinda angustifolia*	Halde kath					1	**1**
32	*Myrsine semiserrata*	Phalame	6				23	**29**
33	*Oroxylum indicum*	Totola	1				1	**2**
34	*Phoebe hainesiana*	Angare	18	12	12	26	8	**76**
35	*Polyalthia simiarum*	Bhutia lapche	86	61	33	27	93	**300**
36	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli	1	2		5	1	**9**
37	*Pterospermum acerifolium*	Hatipyla/hatipaila/hatipile	7	6	7		17	**37**
38	*Pterygota alata*	Narkeli					5	**5**
39	*Schima wallichii*	Chiloni/ chilauney	24	26	18	3	3	**74**
40	*Sterculia lanceaefolia*	Bakain/bakane/sada bakain	1			9		**10**
41	*Sterculia villosa*	Udla / odal		4				**4**
42	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun	23	4	3			**30**
43	*Syzygium jambolanum*	Goda jam/kada jam/loha jam/maina jamun/sada jamun/golap jam/sada jam/ choto jam/pani jam/kancha jam					5	**5**
44	*Syzygium operculatum*	Kath jam					1	**1**
45	*Terminalia bellirica*	Bahera/bhaola	1	2				**3**
46	*Terminalia chebula*	Horitoki/harra	1				2	**3**
47	*Tetrameles nudiflora*	Moyna/sada moyna	8	2	6	10	6	**32**
48	*Vitex peduncularis*	Charai goura/charai garua	17	6	7	7	17	**54**
49	*Xylia xylocarpa*	Loha kath	6	6	9	5		**26**
50	*Zanthoxylum armatum*	Timbur		2		2		**4**
Total			**342**	**234**	**268**	**256**	**423**	**1523**

Table 296: Statistical analysis of all the Tree Species in Adma

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Actinodaphne obovata*	2	20	0.82	0.40	0.13	2.00	0.53	1.48	**0.84**	**2.5**
2	*Ailanthus integrifolia*	11	80	3.28	2.20	0.72	2.75	0.73	4.73		
3	*Albizia lucidor*	1	20	0.82	0.20	0.07	1.00	0.27	1.15		
4	*Albizia procera*	2	20	0.82	0.40	0.13	2.00	0.53	1.48		
5	*Albizzia Lebbec*	3	20	0.82	0.60	0.20	3.00	0.80	1.81		
6	*Alstonia scholaris*	8	80	3.28	1.60	0.53	2.00	0.53	4.33		
7	*Amoora rohituka*	70	100	4.10	14.00	4.60	14.00	3.72	12.41		
8	*Amoora wallichii*	16	40	1.64	3.20	1.05	8.00	2.12	4.81		
9	*Baccaurea ramiflora*	2	40	1.64	0.40	0.13	1.00	0.27	2.04		

10	*Bombax ceiba*	3	40	1.64	0.60	0.20	1.50	0.40	2.23
11	*Callicarpa arborea*	4	20	0.82	0.80	0.26	4.00	1.06	2.14
12	*Cassia fistula*	6	20	0.82	1.20	0.39	6.00	1.59	2.81
13	*Castanopsis hystrix*	17	100	4.10	3.40	1.12	3.40	0.90	6.12
14	*Cephalanthus tetrandra*	2	20	0.82	0.40	0.13	2.00	0.53	1.48
15	*Chisocheton cumingianus*	45	100	4.10	9.00	2.95	9.00	2.39	9.44
16	*Chukrasia tabularis*	3	40	1.64	0.60	0.20	1.50	0.40	2.23
17	*Cinnamomum glaucescens*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
18	*Citrus indica*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
19	*Dillenia indica*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
20	*Dillenia pentagyna*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
21	*Duabanga grandiflora*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
22	*Garuga pinnata*	2	20	0.82	0.40	0.13	2.00	0.53	1.48
23	*Holarrhena pubescens*	84	100	4.10	16.80	5.52	16.80	4.46	14.07
24	*Knema erratica*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
25	*Lagerstroemia parviflora*	8	40	1.64	1.60	0.53	4.00	1.06	3.23
26	*Lagerstroemia speciosa*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
27	*Litsea lancifolia*	2	40	1.64	0.40	0.13	1.00	0.27	2.04
28	*Machilus gamblei*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
29	*Mallotus nudiflorus*	25	80	3.28	5.00	1.64	6.25	1.66	6.58
30	*Monoon simiarum*	494	100	4.10	98.80	32.44	98.80	26.23	62.76
31	*Morinda angustifolia*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
32	*Myrsine semiserrata*	29	40	1.64	5.80	1.90	14.50	3.85	7.39
33	*Oroxylum indicum*	2	40	1.64	0.40	0.13	1.00	0.27	2.04
34	*Phoebe hainesiana*	76	100	4.10	15.20	4.99	15.20	4.04	13.12
35	*Polyalthia simiarum*	300	100	4.10	60.00	19.70	60.00	15.93	39.72
36	*Premna bengalensis*	9	80	3.28	1.80	0.59	2.25	0.60	4.47
37	*Pterospermum acerifolium*	37	80	3.28	7.40	2.43	9.25	2.46	8.16
38	*Pterygota alata*	5	20	0.82	1.00	0.33	5.00	1.33	2.48
39	*Schima wallichii*	74	100	4.10	14.80	4.86	14.80	3.93	12.89
40	*Sterculia lanceaefolia*	10	40	1.64	2.00	0.66	5.00	1.33	3.62
41	*Sterculia villosa*	4	20	0.82	0.80	0.26	4.00	1.06	2.14
42	*Syzygium cumini*	30	60	2.46	6.00	1.97	10.00	2.65	7.08
43	*Syzygium jambolanum*	5	20	0.82	1.00	0.33	5.00	1.33	2.48
44	*Syzygium operculatum*	1	20	0.82	0.20	0.07	1.00	0.27	1.15
45	*Terminalia bellirica*	3	40	1.64	0.60	0.20	1.50	0.40	2.23
46	*Terminalia chebula*	3	40	1.64	0.60	0.20	1.50	0.40	2.23
47	*Tetrameles nudiflora*	32	100	4.10	6.40	2.10	6.40	1.70	7.90
48	*Vitex peduncularis*	54	100	4.10	10.80	3.55	10.80	2.87	10.51
49	*Xylia xylocarpa*	26	80	3.28	5.20	1.71	6.50	1.73	6.71
50	*Zanthoxylum armatum*	4	40	1.64	0.80	0.26	2.00	0.53	2.43

a. Tree Species:

At Adma a total of 1523 tree individuals were documented under 50 tree species from the permanent plot chosen there. This plot was dominated mostly by *Monoon simiarum* with 494 trees (IVI = 62.76) and *Polyalthia simiarum* with 300 trees (IVI = 39.72). These were followed by those who recorded more than 50 but less than 100 trees like *Holarrhena pubescens with* 84 trees (IVI = 14.07), *Phoebe hainesiana* with 76 trees (IVI = 13.12), *Schima wallichii* with74 trees (IVI = 12.89), *Amoora rohituka* with 70 trees (IVI = 12.41) and *Vitex peduncularis* with 54 trees (IVI = 10.51).

Subplot 2 documented the highest diversity of tree species (33) mostly contributed by *Monoon simiarum* (88 individuals) and *Polyalthia simiarum* (86 individuals).

With highest frequency (100%) *Amoora rohituka, Castanopsis hystrix, Chisocheton cumingianus, Holarrhena pubescens, Monoon simiarum, Phoebe hainesiana, Polyalthia simiarum, Schima wallichii, Tetrameles nudiflora* and *Vitex peduncularis* were found in all the subplots. 21 tree species having lowest frequency (20%) were found to exist in only single subplot separately. Trees like *Albizia lucidor, Cinnamomum glaucescens, Citrus indica, Dillenia indica, Dillenia pentagyna, Duabanga grandiflora, Knema erratica, Lagerstroemia speciosa, Machilus gamblei, Morinda angustifolia* and *Syzygium operculatum* contributed to the vegetation with only single individual.

The Simpson's Diversity Index (0.84) and Shannon's Diversity Index (2.50) indicated moderately high tree species richness and evenness. Simpson's Diversity index also explains that there is 84% chance that 2 individuals selected at random from this plot would be from different tree species.

Cinnamomum glaucescens and *Bombax ceiba* were recorded as the tallest tree with a height of 64.01 m and a maximum GBH of 355.6 cm and 304.80 cm respectively (subplot-2) and *Morinda angustifolia* was recorded as the shortest tree with a height of 4.57 m and GBH of 27.94 cm (subplot-10).

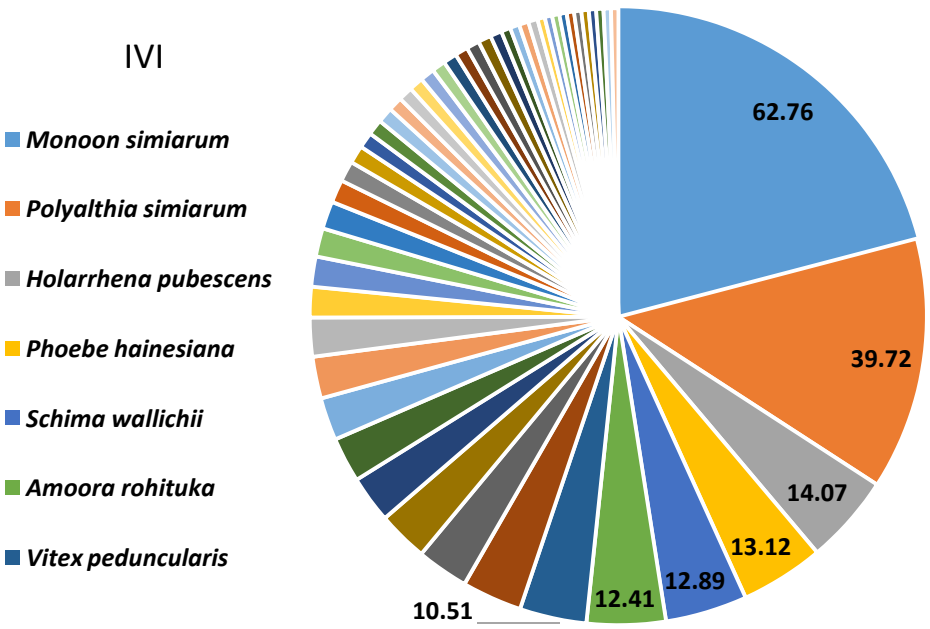


Figure 160: IVI Values of Dominant Tree Species in Adma

Table 297: Average Height and GBH data of all the subplots in Adma

Sl. No.	Scientific Name	SP 2		SP 6		SP 7		SP 9		SP 10	
		AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)	AVG height (m)	AVG GBH (cm)
1	*Monoon simiarum*	17.47	77.41	12.69	53.56	24.73	97.16	22.02	81.62	12.99	59.24
2	*Amoora rohituka*	11.54	53.02	16.88	71.44	22.86	88.90	23.01	80.33	8.46	41.77
3	*Actinodaphne obovata*									15.24	81.28
4	*Ailanthus integrifolia*	18.63	81.28	12.19	55.88			9.75	40.64	27.43	127.00
5	*Albizia lucidor*									21.34	86.36
6	*Albizia procera*	21.18	116.84								
7	*Albizzia Lebbec*			29.46	137.16						
8	*Alstonia scholaris*	23.57	116.84			40.84	157.48	17.68	63.50	18.80	151.55
9	*Amoora wallichii*	36.58	218.44							11.65	62.05
10	*Baccaurea ramiflora*							18.90	71.12	12.19	83.82
11	*Bombax ceiba*	64.01	304.80	26.21	125.73						
12	*Callicarpa arborea*							11.66	37.47		
13	*Cassia fistula*									13.77	58.00
14	*Castanopsis hystrix*	22.86	111.76	17.48	73.66	15.24	56.52	29.41	99.06	14.67	92.17
15	*Cephalanthus tetrandra*									12.19	96.52
16	*Chisocheton cumingianus*	11.13	46.14	7.82	30.48	11.79	38.95	17.02	64.39	9.33	42.40
17	*Chukrasia tabularis*	9.60	40.64	19.81	78.74						
18	*Cinnamomum glaucescens*	64.01	355.60								
19	*Citrus indica*	12.19	73.66								
20	*Dillenia indica*			27.43	114.30						
21	*Dillenia pentagyna*							32.31	101.60		
22	*Duabanga grandiflora*	9.75	35.56								
23	*Garuga pinnata*	15.24	97.79								
24	*Holarrhena pubescens*	12.40	65.19	17.00	65.14	15.25	56.75	15.15	55.68	11.03	60.45
25	*Knema erratica*									21.34	88.90
26	*Lagerstroemia parviflora*	8.92	41.28	16.00	58.42						
27	*Lagerstroemia speciosa*					27.43	101.60				
28	*Litsea lancifolia*	12.19	30.48							9.14	30.48
29	*Machilus gamblei*	13.72	66.04								
30	*Mallotus nudiflorus*	16.15	73.66	14.63	53.34	14.33	54.61			14.34	66.46
31	*Morinda angustifolia*									4.57	27.94
32	*Myrsine semiserrata*	8.13	41.91							10.50	61.95
33	*Oroxylum indicum*	15.24	68.58							9.14	40.64
34	*Phoebe hainesiana*	26.82	158.89	21.72	90.59	31.70	107.10	34.28	160.70	18.10	194.31
35	*Polyalthia simiarum*	12.45	53.96	11.61	50.30	19.53	70.12	14.36	53.90	10.50	48.23
36	*Premna bengalensis*	15.24	48.26	17.37	59.69			22.37	85.34	15.24	142.24
37	*Pterospermum acerifolium*	17.85	83.82	11.73	50.38	21.34	76.56			10.56	51.55
38	*Pterygota alata*									16.46	66.04
39	*Schima wallichii*	33.96	214.10	36.22	182.59	41.01	202.07	51.82	301.41	19.30	96.52
40	*Sterculia villosa*			46.71	287.02						
41	*Sterculia lanceifolia*	6.10	35.56					21.51	73.66		

42	*Syzygium cumini*	14.47	68.14	37.49	200.66	21.64	82.97				
43	*Syzygium jambolanum*									13.72	56.39
44	*Syzygium operculatum*									7.62	40.64
45	*Terminalia bellirica*	37.49	213.36	33.99	146.05						
46	*Terminalia chebula*	36.58	228.60							34.29	215.90
47	*Tetrameles nudiflora*	37.41	264.16	58.52	381.00	48.36	241.30	52.58	316.99	26.67	452.97
48	*Vitex peduncularis*	10.67	50.80	13.87	61.38	14.80	51.53	13.19	51.89	7.55	37.65
49	*Xylia xylocarpa*	15.90	71.54	13.92	52.07	31.29	63.78	26.03	97.54		
50	*Zanthoxylum armatum*			17.68	67.31			35.36	182.88		

Table 298: Documentation of Shrub species (including tree saplings) in all the Subplots in Adma

Sl. No.	Shrub Species	Common name	Sp9	Sp7	Sp10	Sp6	Sp2	Total
1	*Clerodendrum infortunatum*	Bhant/Ghentu	400	338	368	418	434	**1958**
2	*Ficus pubigera*		32					**32**
3	*Jasminum scandens*	Sikto Lorang	9		6			**15**
4	*Justicia adhatoda*	Basak				275	59	**334**
5	*Mitracarpus hirtus*		8		2		15	**25**
6	*Murraya koenigii*	Karipata	42	17	5	77	19	**160**
7	*Pentas lanceolata*		2	11	59	145	57	**274**
8	*Solanum viarum*		9				1	**10**
9	*Tabernaemontana divaricata*	Tagar	18	215	103	150	123	**609**
10	*Vinca difformis*		427	537	653	569	410	**2596**
Total			**947**	**1118**	**1196**	**1634**	**1118**	**6013**

Table 299: Statistical analysis of all the Shrub Species (including tree saplings) in Adma

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Clerodendrum infortunatum*	1958	100	14.29	1566.40	32.56	391.60	29.24	76.09	**0.69**	**1.43**
2	*Ficus pubigera*	32	20	2.86	25.60	0.53	32.00	2.39	5.78		
3	*Jasminum scandens*	15	40	5.71	12.00	0.25	7.50	0.56	6.52		
4	*Justicia adhatoda*	334	40	5.71	267.20	5.55	167.00	12.47	23.74		
5	*Mitracarpus hirtus*	25	60	8.57	20.00	0.42	8.33	0.62	9.61		
6	*Murraya koenigii*	160	100	14.29	128.00	2.66	32.00	2.39	19.34		
7	*Pentas lanceolata*	274	100	14.29	219.20	4.56	54.80	4.09	22.93		
8	*Solanum viarum*	10	40	5.71	8.00	0.17	5.00	0.37	6.25		
9	*Tabernaemontana divaricata*	609	100	14.29	487.20	10.13	121.80	9.09	33.51		
10	*Vinca difformis*	2596	100	14.29	2076.80	43.17	519.20	38.77	96.23		

b. Shrub Species:

A total number of 6013 individuals shrubs belonging to 10 species were documented from this permanent plot. The vegetation was vastly dominated by *Vinca difformis* (IVI = 96.23) and

Clerodendrum infortunatum (IVI = 76.09). Maximum numbers of individuals were contributed by *Vinca difformis* (2596) and *Clerodendrum infortunatum* (1958).

With highest frequency (100%) *Clerodendrum infortunatum*, *Murraya koenigii, Pentas lanceolata, Tabernaemontana divaricate* and *Vinca difformis* were found in all the subplots. *Ficus pubigera* was found to have least frequency (20%) and documented only from single subplot. *Solanum viarum, Jasminum scandens, Mitracarpus hirtus* (regeneration) and *Ficus pubigera* contributed the ground vegetation least having 10, 15, 25 and 32 individuals respectively.

The Simpson's Diversity index (0.69) and Shannon's Diversity Index (1.43) indicated that the plot is less diverse with low richness and evenness of shrub species. Simpson's Diversity index also explains that there is 69% chance that 2 individuals selected at random from this plot would be from different shrub species.

No liana species were documented from this permanent plot.

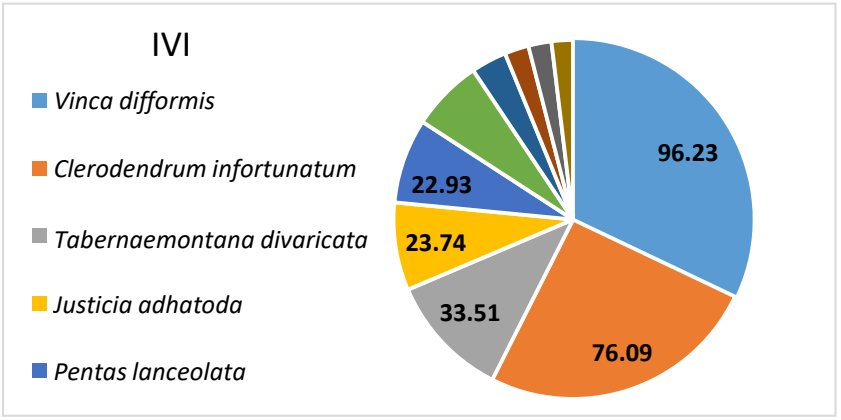


Figure 161: IVI Values of Dominant Shrubs (including tree saplings) in Adma

Table 300: Documentation of all Herb species in all the nested Subplots in Adma

Sl. No.	Herb Species	Common name	Sp9	Sp7	Sp10	Sp6	Sp2	Total
1	*Chromolaena odorata*	Bonmara	82	31	58	74	240	**485**
2	*Colocasia esculenta*	Kochu			5			**5**
3	*Dicliptera bupleuroides*			8		1	7	**16**
4	*Digitaria sanguinalis*		45	31		53	59	**188**
5	*Osmunda regalis*		90	18	73	58	16	**255**
6	*Vernonia cinerea*		3			8		**11**
Total			**220**	**88**	**136**	**194**	**322**	**960**

Table 301: Statistical analysis of all the Herb Species in Adma

Sl. No.	Herb Species	Total	F%	RF%	D/HA.	RD%	A	RA%	IVI	SDI	H
1	*Chromolaena odorata*	485	100	25.00	9700	50.52	97.00	46.01	121.53	**0.64**	**1.16**
2	*Colocasia esculenta*	5	20	5.00	100	0.52	5.00	2.37	7.89		
3	*Dicliptera bupleuroides*	16	60	15.00	320	1.67	5.33	2.53	19.20		
4	*Digitaria sanguinalis*	188	80	20.00	3760	19.58	47.00	22.29	61.88		
5	*Osmunda regalis*	255	100	25.00	5100	26.56	51.00	24.19	75.75		
6	*Vernonia cinerea*	11	40	10.00	220	1.15	5.50	2.61	13.75		

d. Herb Species:

A total number of 960 individuals belonging to 6 herbaceous species were documented from this permanent plot. The vegetation was dominated by aggressive invasion of *Chromolaena odorata* (IVI = 121.53) followed by *Osmunda regalis* (IVI = 75.75) and *Digitaria sanguinalis* (IVI = 61.88). Maximum numbers of individuals were contributed by *Chromolaena odorata* (485) followed by *Osmunda regalis* (255) and *Digitaria sanguinalis* (188).

With highest frequency (100%) *Chromolaena odorata* and *Osmunda regalis* were found in all the subplots. *Colocasia esculenta* was found to have least frequency (20%) and documented only from subplot 10 with only 5 individuals.

The Simpson's Diversity index (0.64) and Shannon's Diversity Index (1.16) of herbaceous species indicated that the plot is less diverse with low richness and evenness. Simpson's Diversity index also explains that there is 64% chance that 2 individuals selected at random from this plot would be from different herb species.

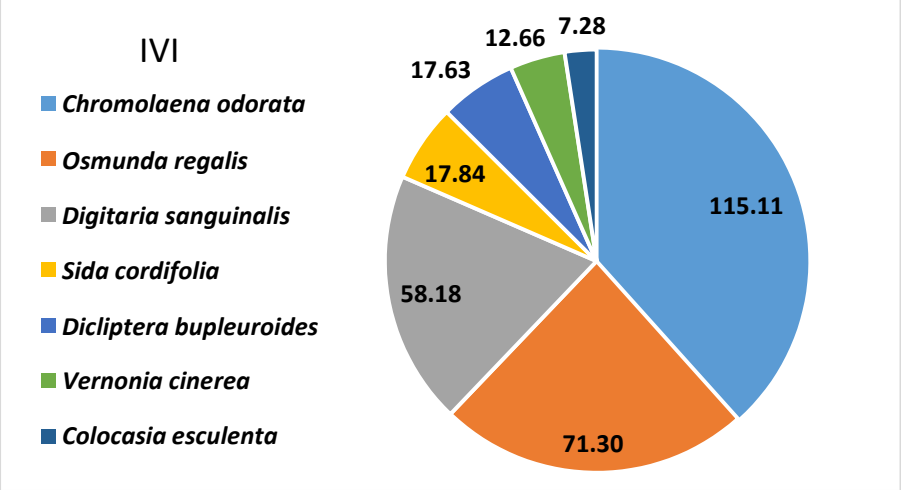


Figure 162: IVI Values of Dominant Herb Species in Adma

Table 302: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Adma

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp9	Sp7	Sp10	Sp6	Sp2	Total	F%	D	A
1.	*Piper betle*	Paan	14		53		28	**95**	60	1900	31.67

e. Scrambler, creeper and twiner species:

Piper betle was the only climbing species (under herbaceous category) documented from the permanent plot. 95 individuals of *Piper betle* were present in three subplots (SP9, SP10 and SP2) with 60% frequency, 1900/ha density and 31.67 abundance.

6.7.4. Inventory of Associated Bird Species

In the field 32 species of birds were documented in the randomly selected subplots which included some IUCN red listed species like the Alexandrine Parakeet (NT), Great Indian Hornbill (VU), Red Breasted Parakeet (NT) and River Lapwing (VU) along with some interesting species like Silver-eared Mesia and Green billed Malkoha. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 303: All Bird species documented Subplot wise in Adma

Sl. No.	Common name	Scientific name	IUCN Status	Sighted
1	Alexandrine parakeet	*Psittacula eupatria*	NT	Subplot 2
2	Ashy woodswallow	*Artamus fuscus*	LC	Subplot 2
3	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Subplot 6, Adjacent to Subplot 7
4	Black drongo	*Dicrurus macrocercus*	LC	Subplot 10
5	Black Hooded Oriole	*Oriolus xanthornus*	LC	Subplots 2, 3, 7, 8
6	Blue Throated Barbet	*Megalaima asiatica*	LC	Subplot 6
7	Brown Shrike	*Lanius cristatus*	LC	Subplot 7
8	Chesnut tailed Starling	*Sturnia malabarica*	LC	Adjacent to Subplot 7
9	Common Hill Myna	*Gracula religiosa*	LC	Subplot 10
10	Eurasian Collered dove	*Streptopelia decaocto*	LC	Subplot 2
11	Golden fronted leaf bird	*Chloropsis aurifrons*	LC	Subplot 3
12	Great Indian Hornbill	*Buceros bicornis*	VU	Subplot 2
13	Greater racket-tailed Drongo	*Dicrurus paradiseus*	LC	Subplot 10
14	Green billed Malkoha	*Phaenicophaeus tristis*	LC	Subplot 6
15	Grey headed Canary Flycatcher	*Culicicapa ceylonensis*	LC	Subplot 7
16	Lesser Yellownape Woodpecker	*Picus chlorolophus*	LC	Subplots 6, 9
17	Lineated Barbet	*Megalaima lineata*	LC	Subplots 8, 10
18	Maroon oriole	*Oriolus traillii*	LC	Subplot 10
19	Oriental turtle dove	*Streptopelia orientalis*	LC	Subplot 2
20	Oriental Pied Hornbill	*Anthracoceros albirostris*	LC	Adjacent to Subplot 5
21	Plumbeous water Redstart	*Phoenicurus fuliginosus*	LC	Outside the main plot
22	Red Breasted Parakeet	*Psittacula alexandri*	NT	Adjacent to Subplot 1, 2, Adjacent to Subplot 2, 7, 10
23	Red Whiskered Bulbul	*Pycnonotus jocosus*	LC	Subplot 8, between Subplots 9 and 10
24	River Lapwing	*Vanellus duvaucelii*	VU	Outside the main plot
25	Rufous treepie	*Dendrocitta vagabunda*	LC	Subplot 10
26	Rufous woodpecker	*Micropternus brachyurus*	LC	Subplot 6
27	Rufous-necked Laughingthrush	*Pterorhinus ruficollis*	LC	Subplot 7
28	Scarlet minivet	*Pericrocotus speciosus*	LC	Subplot 2, Adjacent to Subplot 10
29	Silver-eared Mesia	*Leiothrix argentauris*	LC	Subplot 10
30	Slaty-backed Forktail	*Enicurus schistaceus*	LC	Outside the main plot
31	Spotted dove	*Spilopelia chinensis*	LC	Subplot 7
32	Taiga flycatcher	*Ficedula albicilla*	LC	Subplot 6

6.8. PERMANENT PLOT: SANTALABARI

6.8.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Buxa TR (East)
- Range: Buxa Duar
- Beat: Santalabari
- Block: Santalabari 2

The eighth field trip in North Bengal Plains was undertaken in Santalabari 2 block under Buxaduar Range of BTR East Division during 13th to 14th March, 2021.

The Santalabari area is located under Buxaduar Range, Buxa Tiger Reserve East. Buxa Tiger Reserve (BTR) lies in between the longitudes 89°25'E & 89°55'E and latitudes 23°30'N & 23°50'N in Alipurduar district of West Bengal. It comprises a huge forest area of 760.87 sq. km. The Santalabari area is situated just southern side of Buxa Fort area in moderately elevated land.

Figure 163: Permanent plot selected at Santalabari

6.8.2. Ground survey

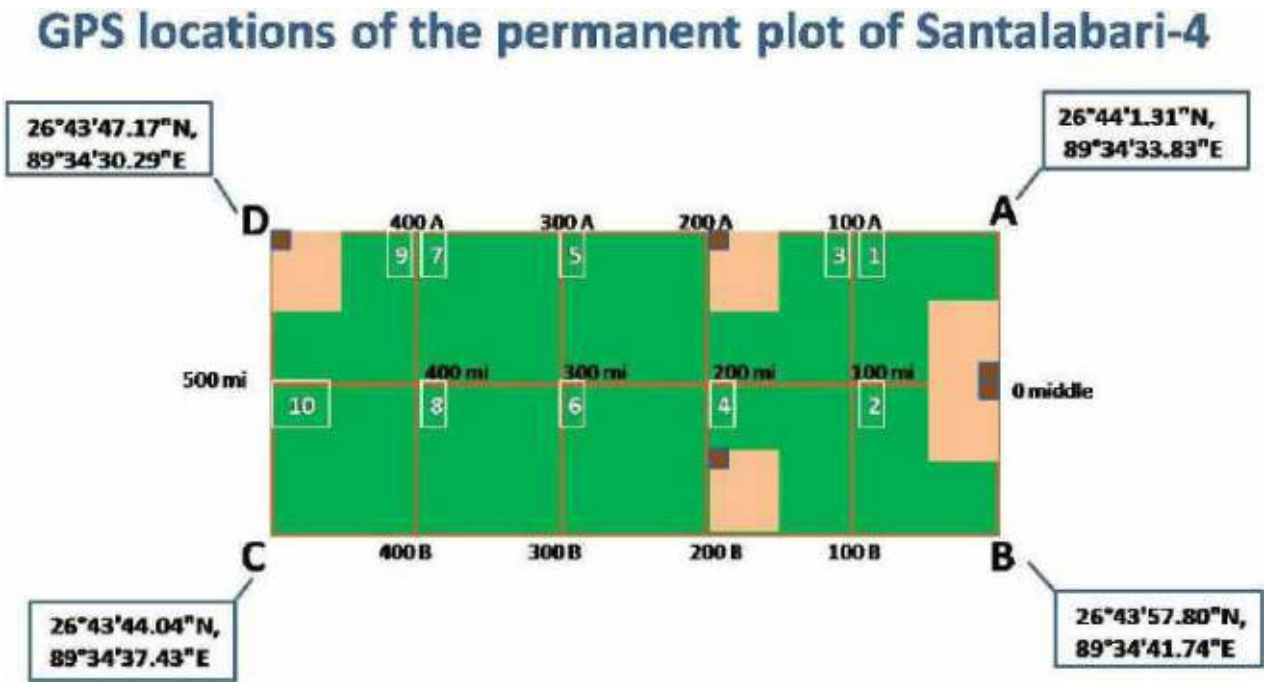


Figure 164: GPS location of the plot with schematic diagram of chosen subplots in Santalabari

Table 304: Latitude / Longitude of all the Subplots in Santalabari

Subplot points	Latitude	Longitude	Tree Name
0 middle	26°43'59.65"N	89°34'37.88"E	Khirra
100 middle	26°43'57.19"N	89°34'37.32"E	Khirra
200 middle	26°43'54.21"N	89°34'36.37"E	Sal
300 middle	26°43'51.02"N	89°34'35.44"E	Khirra
400 middle	26°43'48.51"N	89°34'34.25"E	Khirra
500 middle	26°43'45.50"N	89°34'33.78"E	Lasune Lali
100 A	26°43'57.95"N	89°34'33.78"E	Ray
100 B	26°43'55.18"N	89°34'40.91"E	Lali
200 A	26°43'55.57"N	89°34'32.68"E	Loha Kath
200 B	26°43'52.52"N	89°34'40.04"E	Khirra
300 A	26°43'52.49"N	89°34'32.02"E	Khirra
300 B	26°43'49.78"N	89°34'39.18"E	Sal
400 A	26°43'49.78"N	89°34'30.95"E	Chorai Gorua
400 B	26°43'46.96"N	89°34'38.37"E	Sonalu

Table 305: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Santalabari

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°44'0.50"N	89°34'35.95"E	26°43'59.62"N	89°34'37.78"E
	50b	26°43'59.23"N	89°34'35.44"E		
	50c	26°43'58.42"N	89°34'37.52"E		
Subplot 2	50a	26°43'58.91"N	89°34'39.39"E	26°43'59.46"N	89°34'37.95"E
	50b	26°43'57.49"N	89°34'38.94"E		
	50c	26°43'58.42"N	89°34'37.52"E		
Subplot 3	50a	26°43'56.86"N	89°34'33.30"E	26°43'55.57"N	89°34'32.75"E
	50b	26°43'56.31"N	89°34'34.71"E		
	50c	26°43'54.96"N	89°34'34.29"E		
Subplot 4	50a	26°43'53.25"N	89°34'38.08"E	26°43'53.34"N	89°34'38.33"E
	50b	26°43'54.88"N	89°34'38.70"E		
	50c	26°43'54.08"N	89°34'40.44"E		
Subplot 9	50a	26°43'48.61"N	89°34'30.63"E	26°43'47.31"N	89°34'30.50"E
	50b	26°43'48.01"N	89°34'32.69"E		
	50c	26°43'46.33"N	89°34'32.01"E		

6.8.3. Inventorization of Flora

Table 306: Documentation of all tree species in all the Subplots in Santalabari

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp6	Sp9	Sp5	Total
1	*Albizia chinensis*	Sirish			1			1
2	*Albizia procera*	Sada sirish/swet sirish	1			4	2	7
3	*Alstonia scholaris*	Chatiyan/chatim	3	5	3		1	12
4	*Amoora rohituka*	Lasooni lali/rosuni lali	35	7	13	14	16	85
5	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali		9	2			11
6	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo	1			1	10	12
7	*Careya arborea*	Kumbhi		3	2			5
8	*Cassia fistula*	Sonalu/ bandarlathi		8	2			10
9	*Cephalanthus tetrandra*	Kali kath		2	2			4
10	*Chisocheton cumingianus*	FALA LALI / HARA LALI/ FATA LALI (pic taken)	8		2		1	11
11	*Chukrasia tabularis*	Chikrasi/ chekrasi	3		1			4
12	*Cinnamomum glaucescens*	Malagiri			1			1
13	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta	1	2	1		2	6
14	*Engelhardtia spicata*	Mahua		1				1
15	*Garuga pinnata*	Dabdabey		3	1	1		5
16	*Holarrhena pubescens*	Kurchi/ khirra	42	56	50	21	60	229
17	*Lagerstroemia parviflora*	Baaje/sidha	1	11	1			13
18	*Lannea coromandelica*	Jiga / jeol/ jiya			1			1
19	*Macaranga denticulata*	Maleta/malata			2			2
20	*Machilus gamblei*	Kawla/ampate/ampate kawla			1			1

21	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	13	4	9	1	5	**32**
22	*Mallotus philippensis*	Sindoori/sindure/sindoor/githi		1	3			**4**
23	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche		4	3	3	1	**11**
24	*Myrsine semiserrata*	Phalame		1	1			**2**
25	*Oroxylum indicum*	Totola	1				1	**2**
26	*Polyalthia simiarum*	Bhutia lapche		2				**2**
27	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli		2	2			**4**
28	*Pterospermum acerifolium*	Hatipyla/hatipaila/hatipile			1			**1**
29	*Randia dumetorum*	Mowkata					2	**2**
30	*Randia longispina*	Moyna kanta			1			**1**
31	*Schima wallichii*	Chiloni/ chilauney	10	8	19	3	1	**41**
32	*Shorea robusta*	Sal	6	21	10	10	15	**62**
33	*Sterculia villosa*	Udla / odal	4	1	2		2	**9**
34	*Stereospermum tetragonum*	Parari		1	1	4	21	**27**
35	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun	2	7	1	1	3	**14**
36	*Terminalia bellirica*	Bahera/bhaola	14	5	5	3	4	**31**
37	*Tetrameles nudiflora*	Moyna/sada moyna	3	11	2		4	**20**
38	*Toona hexandra*	Toon/tuni		6				**6**
39	*Turpinia pomifera*	Thali				1		**1**
40	*Vitex peduncularis*	Charai goura/charai garua	4	2	8	2		**16**
41	*Xylia xylocarpa*	Loha kath	1					**1**
42	*Zanthoxylum armatum*	Timbur	1	3	1			**5**
Total			**154**	**186**	**155**	**69**	**151**	**715**

Table 307: Statistical analysis of all the Tree Species in Santalabari

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Albizia chinensis*	1	20	0.89	0.20	0.14	1.00	0.54	1.57	**0.86**	**2.68**
2	*Albizia procera*	7	60	2.68	1.40	0.98	2.33	1.26	4.91		
3	*Alstonia scholaris*	12	80	3.57	2.40	1.68	3.00	1.62	6.87		
4	*Amoora rohituka*	85	100	4.46	17.00	11.89	17.00	9.15	25.51		
5	*Amoora wallichii*	11	40	1.79	2.20	1.54	5.50	2.96	6.29		
6	*Callicarpa arborea*	12	60	2.68	2.40	1.68	4.00	2.15	6.51		
7	*Careya arborea*	5	40	1.79	1.00	0.70	2.50	1.35	3.83		
8	*Cassia fistula*	10	40	1.79	2.00	1.40	5.00	2.69	5.88		
9	*Cephalanthus tetrandra*	4	40	1.79	0.80	0.56	2.00	1.08	3.42		
10	*Chisocheton cumingianus*	11	60	2.68	2.20	1.54	3.67	1.97	6.19		
11	*Chukrasia tabularis*	4	40	1.79	0.80	0.56	2.00	1.08	3.42		
12	*Cinnamomum glaucescens*	1	20	0.89	0.20	0.14	1.00	0.54	1.57		
13	*Dillenia pentagyna*	6	80	3.57	1.20	0.84	1.50	0.81	5.22		
14	*Engelhardtia spicata*	1	20	0.89	0.20	0.14	1.00	0.54	1.57		
15	*Garuga pinnata*	5	60	2.68	1.00	0.70	1.67	0.90	4.28		
16	*Holarrhena pubescens*	229	100	4.46	45.80	32.03	45.80	24.66	61.15		
17	*Lagerstroemia parviflora*	13	60	2.68	2.60	1.82	4.33	2.33	6.83		

18	*Lannea coromandelica*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
19	*Macaranga denticulata*	2	20	0.89	0.40	0.28	2.00	1.08	2.25
20	*Machilus gamblei*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
21	*Mallotus nudiflorus*	32	100	4.46	6.40	4.48	6.40	3.45	12.39
22	*Mallotus philippensis*	4	40	1.79	0.80	0.56	2.00	1.08	3.42
23	*Monoon simiarum*	11	80	3.57	2.20	1.54	2.75	1.48	6.59
24	*Myrsine semiserrata*	2	40	1.79	0.40	0.28	1.00	0.54	2.60
25	*Oroxylum indicum*	2	40	1.79	0.40	0.28	1.00	0.54	2.60
26	*Polyalthia simiarum*	2	20	0.89	0.40	0.28	2.00	1.08	2.25
27	*Premna bengalensis*	4	40	1.79	0.80	0.56	2.00	1.08	3.42
28	*Pterospermum acerifolium*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
29	*Randia dumetorum*	2	20	0.89	0.40	0.28	2.00	1.08	2.25
30	*Randia longispina*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
31	*Schima wallichii*	41	100	4.46	8.20	5.73	8.20	4.42	14.61
32	*Shorea robusta*	62	100	4.46	12.40	8.67	12.40	6.68	19.81
33	*Sterculia villosa*	9	80	3.57	1.80	1.26	2.25	1.21	6.04
34	*Stereospermum tetragonum*	27	80	3.57	5.40	3.78	6.75	3.63	10.98
35	*Syzygium cumini*	14	100	4.46	2.80	1.96	2.80	1.51	7.93
36	*Terminalia bellirica*	31	100	4.46	6.20	4.34	6.20	3.34	12.14
37	*Tetrameles nudiflora*	20	80	3.57	4.00	2.80	5.00	2.69	9.06
38	*Toona hexandra*	6	20	0.89	1.20	0.84	6.00	3.23	4.96
39	*Turpinia pomifera*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
40	*Vitex peduncularis*	16	80	3.57	3.20	2.24	4.00	2.15	7.96
41	*Xylia xylocarpa*	1	20	0.89	0.20	0.14	1.00	0.54	1.57
42	*Zanthoxylum armatum*	5	60	2.68	1.00	0.70	1.67	0.90	4.28

a. Tree Species:

A total of 715 tree individuals were documented under 42 tree species from this permanent plot at Santalabari. This plot represented a reasonable mixed vegetation where *Holarrhena pubescens* (IVI = 61.15), *Amoora rohituka 85* (IVI = 25.51), *Shorea robusta* 62 (IVI = 19.81*), Schima wallichii* (IVI = 14.61), *Mallotus nudiflorus* (IVI = 12.39), *Terminalia bellirica* (IVI = 12.14) and *Stereospermum tetragonum* (IVI = 10.98) were the dominant tree species.

The highest number of individuals was contributed by *Holarrhena pubescens* (229 trees). The other two species that recorded above 50 individuals but were less than 100 trees were *Amoora rohituka* with 85 trees and *Shorea robusta* with 62 trees.

Of a total of 42 tree species documented, subplot 6 represented highest diversity of tree species (33) mostly contributed by *Holarrhena pubescens* (50 individuals).

The highest frequency (100%) was documented in *Amoora rohituka, Holarrhena pubescens, Mallotus nudiflorus, Schima wallichii, Shorea robusta, Syzygium cumini* and *Terminalia bellirica* were found in all the 5 subplots, whereas *Albizia chinensis, Cinnamomum glaucescens, Engelhardtia spicata, Lannea coromandelica, Macaranga denticulata, Machilus gamblei, Polyalthia simiarum, Pterospermum acerifolium, Randia dumetorum, Randia longispina, Toona hexandra, Turpinia*

pomifera and *Xylia xylocarpa* having lowest frequency (20%) were found to exist in only a single subplot. Of these the trees like *Albizia chinensis, Cinnamomum glaucescens, Engelhardtia spicata, Lannea coromandelica, Machilus gamblei, Pterospermum acerifolium, Randia longispina, Turpinia pomifera* and *Xylia xylocarpa* contributed with only single individual each.

The Simpson's Diversity Index (0.86) and Shannon's Diversity Index (2.68) indicated moderately high tree species richness and evenness. Simpson's Diversity index also explains that there is 86% chance that 2 individuals selected at random from this plot would be from different tree species.

Alstonia scholaris was recorded as the tallest tree with a height of 48.77 m and a maximum GBH of 355.60 cm (subplot-5) and *Monoon simiarum* was recorded as the shortest tree with a height of 6.10 m and GBH of 27.94cm (subplot-5).

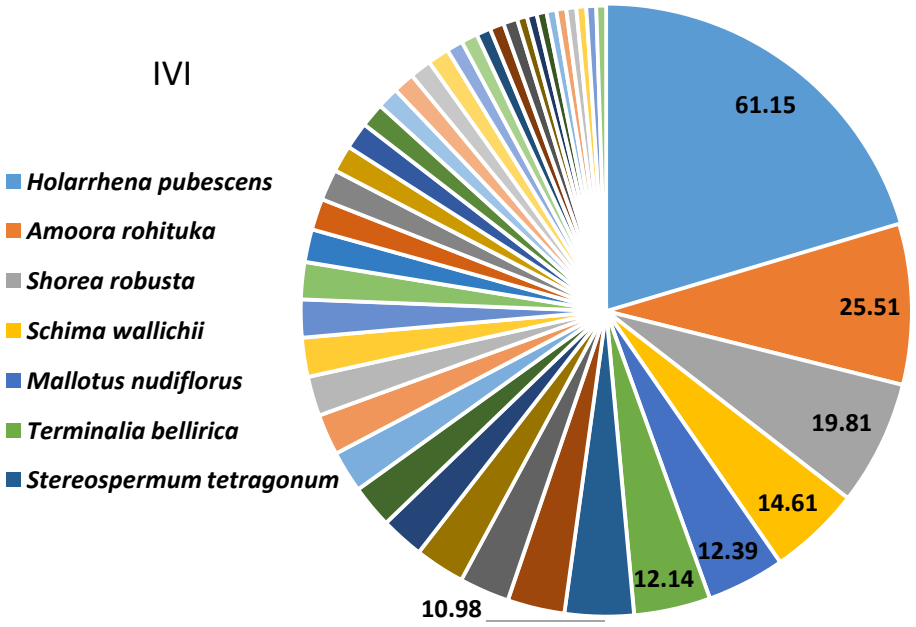


Figure 165: IVI Values of Dominant Tree Species in Santalabari

Table 308: Average Height and GBH data of all the subplots in Santalabari

Sl. No.	Scientific Name	SP 1		SP 5		SP 9		SP 2		SP 6	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Albizia chinensis*									9.14	33.02
2	*Albizia procera*	10.06	38.10	8.99	35.56	15.39	64.77				
3	*Alstonia scholaris*	34.14	204.89	48.77	355.60			32.31	227.58	15.24	71.12
4	Amoora rohituka	14.87	62.63	15.41	66.04	16.76	79.28	16.98	80.92	14.30	77.76
5	*Amoora wallichii*							12.02	68.30	12.19	44.45
6	*Callicarpa arborea*	9.45	30.48	21.76	106.93	17.07	114.30				
7	*Careya arborea*							15.24	90.59	18.29	118.11
8	*Cassia fistula*							14.10	66.99	13.72	63.50
9	*Cephalanthus tetrandra*							6.10	38.10	16.76	43.18
10	*Chisocheton cumingianus*	16.38	66.36	6.71	30.48					13.72	82.55
11	*Chukrasia tabularis*	26.52	121.07							15.24	43.18

12	*Cinnamomum glaucescens*									9.14	40.64
13	*Dillenia pentagyna*	19.81	88.90	42.06	266.70			19.81	121.92	21.34	129.54
14	*Engelhardtia spicata*							21.34	152.40		
15	*Garuga pinnata*					6.40	25.40	20.32	130.39	18.29	147.32
16	*Holarrhena pubescens*	14.22	59.57	12.52	58.63	10.80	50.56	11.01	68.72	9.55	51.82
17	Lagerstroemia parviflora	7.92	30.48					16.21	75.28	10.67	53.34
18	*Lannea coromandelica*									21.34	167.64
19	*Macaranga denticulata*									10.06	44.45
20	*Machilus gamblei*									6.10	33.02
21	*Mallotus nudiflorus*	14.91	62.13	9.08	42.16	16.46	68.58	18.29	79.38	12.53	64.35
22	*Mallotus philippensis*							6.10	43.18	10.67	47.41
23	*Monoon simiarum*			6.10	27.94	8.13	35.56	10.36	49.53	8.64	40.64
24	*Myrsine semiserrata*							10.67	38.10	39.62	279.40
25	*Oroxylum indicum*	22.56	76.20	7.62	47.62						
26	*Polyalthia simiarum*							13.72	59.69		
27	*Premna bengalensis*							18.29	152.40	15.24	109.22
28	*Pterospermum acerifolium*									15.24	40.64
29	*Randia dumetorum*			7.16	35.56						
30	*Randia longispina*									9.14	55.88
31	*Schima wallichii*	29.78	157.48	19.81	71.12	21.13	112.61	24.77	146.37	21.74	139.70
32	*Shorea robusta*	31.39	161.29	35.46	175.26	44.38	237.74	33.02	186.51	45.05	290.07
33	*Sterculia villosa*	34.14	153.67	37.64	215.90			15.24	71.12	9.14	30.48
34	*Stereospermum tetragonum*			20.39	90.71	7.32	31.75	12.19	40.64	30.48	177.80
35	*Syzygium cumini*	20.27	96.52	20.42	98.21	10.97	66.04	16.76	101.60	6.10	35.56
36	*Terminalia bellirica*	35.01	181.43	28.73	137.80	39.01	257.39	30.48	170.69	22.86	110.74
37	*Tetrameles nudiflora*	11.07	38.95	13.11	56.52			21.47	144.55	13.72	49.53
38	*Toona hexandra*							19.05	91.86		
39	*Turpinia pomifera*					19.81	76.20				
40	*Vitex peduncularis*	19.28	74.30			10.21	39.37	13.72	69.85	9.53	46.67
41	*Xylia xylocarpa*	19.81	88.90								
42	*Zanthoxylum armatum*	13.72	55.88					12.19	70.27	12.19	53.34

Table 309: Documentation of Shrub species (including tree saplings) in all the Subplots in Santalabari

Sl. No.	Shrub Species	Common name	Sp1	Sp2	Sp5	Sp6	Sp9	Total
1	*Cayratia pedata*		11	76				**87**
2	*Clerodendrum infortunatum*	Ghentu	199	282	283	169	77	**1010**
3	*Hydrangea macrophylla*		611	211				**822**
4	*Jasminum scandens*		2	6			1	**9**
5	*Murraya koenigii*	Karipata	91	97	27	162	69	**446**
6	*Solanum viarum*		11					**11**
7	*Tabernaemontana divaricata*		408	375	218	183	30	**1214**
8	*Vinca difformis*		410	168	111	112	63	**864**
Total			**1743**	**1215**	**639**	**626**	**240**	**4463**

Table 310: Statistical analysis of all the Shrub Species (including tree saplings) in Santalabari

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Cayratia pedata*	87	40	7.14	69.60	1.95	43.50	3.70	12.79	**0.79**	**1.65**
2	*Clerodendrum infortunatum*	1010	100	17.86	808.00	22.63	202.00	17.19	57.67		
3	*Hydrangea macrophylla*	822	40	7.14	657.60	18.42	411.00	34.97	60.53		
4	*Jasminum scandens*	9	60	10.71	7.20	0.20	3.00	0.26	11.17		
5	*Murraya koenigii*	446	100	17.86	356.80	9.99	89.20	7.59	35.44		
6	*Solanum viarum*	11	20	3.57	8.80	0.25	11.00	0.94	4.75		
7	*Tabernaemontana divaricata*	1214	100	17.86	971.20	27.20	242.80	20.66	65.72		
8	*Vinca difformis*	864	100	17.86	691.20	19.36	172.80	14.70	51.92		

b. Shrub Species:

A total number of 4463 individual shrubs belonging to 8 species were documented from this permanent plot. The vegetation was vastly dominated by *Tabernaemontana divaricata* (IVI = 65.72), *Hydrangea macrophylla* (IVI = 60.53), *Clerodendrum infortunatum* (IVI = 57.67), *Vinca difformis* (IVI = 51.92) and *Murraya koenigii* (IVI = 35.44). Maximum numbers of individuals were contributed by *Tabernaemontana divaricata* (1214) and *Clerodendrum infortunatum* (1010).

With highest frequency (100%) *Clerodendrum infortunatum*, *Murraya koenigii, Tabernaemontana divaricata* and *Vinca difformis* were found in all the subplots. *Solanum viarum* was found to have least frequency (20%) and documented only from single subplot. *Jasminum scandens* and *Solanum viarum* contributed the ground vegetation least having 9 and 11 individuals respectively.

The Simpson's Diversity index (0.79) and Shannon's Diversity Index (1.63) indicated that the plot is moderately diverse with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 79% chance that 2 individuals selected at random from this plot would be from different shrub species.

No liana species were documented from this permanent plot.

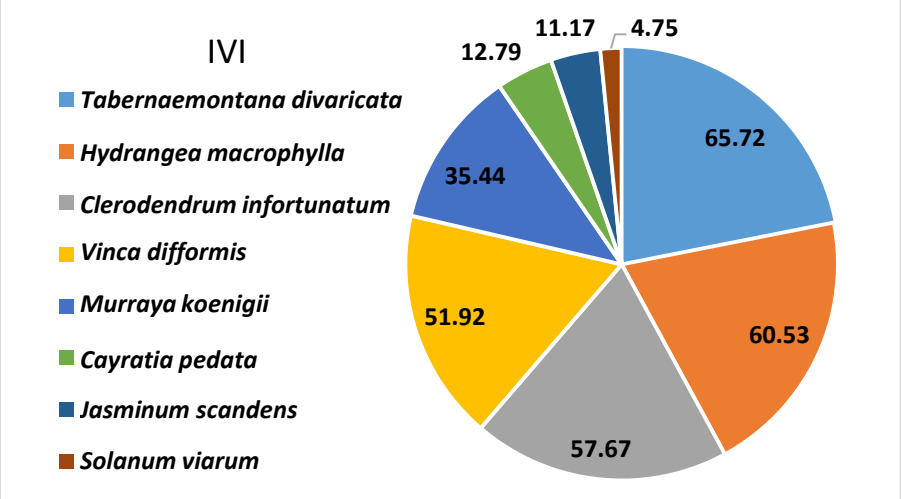


Figure 166: IVI Values of Dominant Shrubs (including tree saplings) in Santalabari

Table 311: Documentation of all Herb species in all the nested Subplots in Santalabari

Sl. No.	Herb Species	Common name	Sp1	Sp2	Sp5	Sp6	Sp9	Total
1	*Chromolaena odorata*	Bonmara	50	71	101	71	55	**348**
2	*Commelina benghalensis*	Kansirey		125		120		**245**
3	*Digitaria sanguinalis*		128	325	110	9	180	**752**
4	*Dryopteris filix-mas*	Fern	51	100			28	**179**
5	*Kyllinga nemoralis*					35		**35**
6	*Osmunda regalis*				15		46	**61**
7	*Polygonum nepalensis*		18	23	6	51	77	**175**
8	*Sida acuta*		21	18	81	96	73	**289**
9	*Tragia involucrata*	Bichuti	11					**11**
10	*Vernonia cinerea*		12				3	**15**
Total			**291**	**662**	**313**	**382**	**462**	**2110**

Table 312: Statistical analysis of all the Herb Species in Santalabari

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Chromolaena odorata*	348	100	16.13	6960	16.49	69.60	12.02	44.64	**0.80**	**1.84**
2	*Commelina benghalensis*	245	40	6.45	4900	11.61	122.50	21.16	39.22		
3	*Digitaria sanguinalis*	752	100	16.13	15040	35.64	150.40	25.98	77.75		
4	*Dryopteris filix-mas*	179	60	9.68	3580	8.48	59.67	10.31	28.47		
5	*Kyllinga nemoralis*	35	20	3.23	700	1.66	35.00	6.05	10.93		
6	*Osmunda regalis*	61	40	6.45	1220	2.89	30.50	5.27	14.61		
7	*Polygonum nepalensis*	175	100	16.13	3500	8.29	35.00	6.05	30.47		
8	*Sida acuta*	289	100	16.13	5780	13.70	57.80	9.98	39.81		
9	*Tragia involucrata*	11	20	3.23	220	0.52	11.00	1.90	5.65		
10	*Vernonia cinerea*	15	40	6.45	300	0.71	7.50	1.30	8.46		

d. Herb Species:

A total number of 2110 individual belonging to 10 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by *Digitaria sanguinalis* (IVI = 77.75) followed by *Chromolaena odorata* (IVI = 44.64), *Sida acuta* (IVI = 39.81) and *Commelina benghalensis* (IVI = 39.22). Maximum number of individuals was contributed by *Digitaria sanguinalis* (752).

With highest frequency (100%) *Chromolaena odorata, Digitaria sanguinalis, Polygonum nepalensis* and *Sida acuta* were found in all the subplots. *Kyllinga nemoralis* and *Tragia involucrata* were found to have least frequency (20%) and documented only from single subplot. *Tragia involucrata* and *Vernonia cinerea* contributed the vegetation least with 11 and 15 individuals respectively.

The Simpson's Diversity index (0.80) and Shannon's Diversity Index (1.84) of herbaceous species indicated that the plot is highly diverse with higher richness and evenness. Simpson's Diversity index also explains that there is 80% chance that 2 individuals selected at random from this plot would be from different herb species.

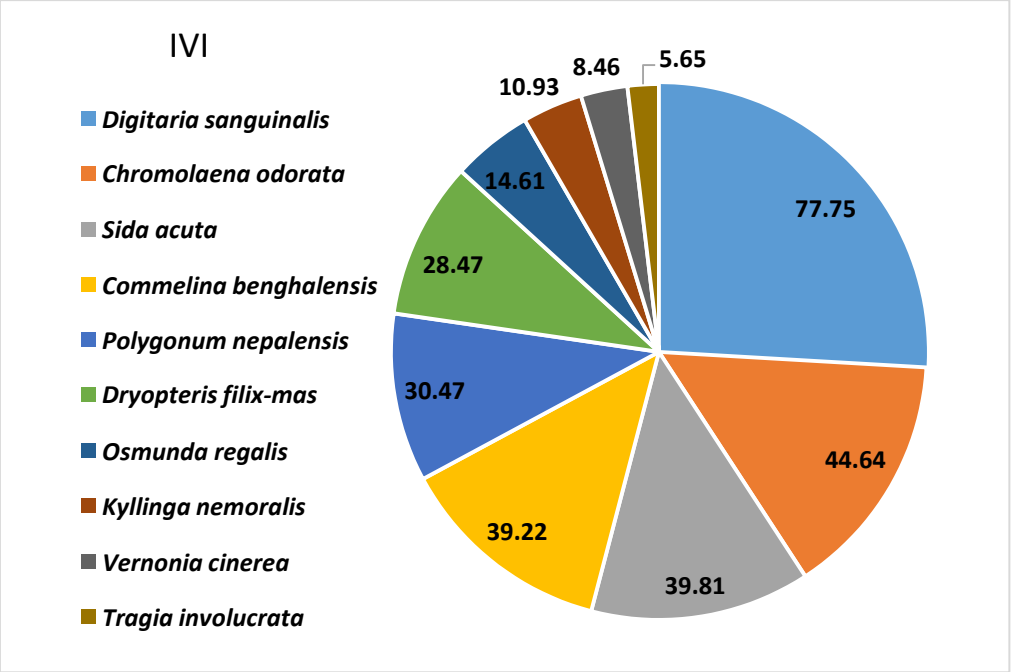


Figure 167: IVI Values of Dominant Herb Species in Santalabari

Table 313: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Santalabari

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp2	Sp5	Sp6	Sp9	Total
1	*Lygodium japonicum*			2				**2**
2	*Mikania micrantha*	Assamlata					36	**36**
3	*Piper betle*	Paan	8	6				**14**
4	*Piper nigrum*	Golmorich	10	21				**31**
Total			**18**	**29**	**0**	**0**	**36**	**83**

Table 314: Statistical analysis of all the Scrambler, creeper and twiner species in Santalabari

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Lygodium japonicum*	2	20	16.67	40	2.41	2.00	3.31	22.38	**0.65**	**1.12**
2	*Mikania micrantha*	36	20	16.67	720	43.37	36.00	59.50	119.54		
3	*Piper betle*	14	40	33.33	280	16.87	7.00	11.57	61.77		
4	*Piper nigrum*	31	40	33.33	620	37.35	15.50	25.62	96.30		

e. Scrambler, creeper and twiner species:

Only 83 individuals under 4 climber species were documented from this permanent plot. The vegetation was dominated by invasion of *Mikania micrantha* (IVI = 119.54) followed by *Piper nigrum* (IVI = 96.30) and *Piper betle* (IVI = 61.77). Maximum number of individuals was also contributed by *Mikania micrantha* (36) and *Piper nigrum* (31).

All the climber species existed in the plot with minimum frequency (20%) and found in single subplot. Subplot 5 and subplot 6 was devoid of any climber species. *Lygodium flexuosum* contributed the vegetation with only 2 individuals.

The Simpson's Diversity index (0.65) and Shannon's Diversity Index (1.12) indicated lesser diversity with low richness and evenness of climber species. Simpson's Diversity index also explains that there is 65% chance that 2 individuals selected at random from this plot would be from different climber species.

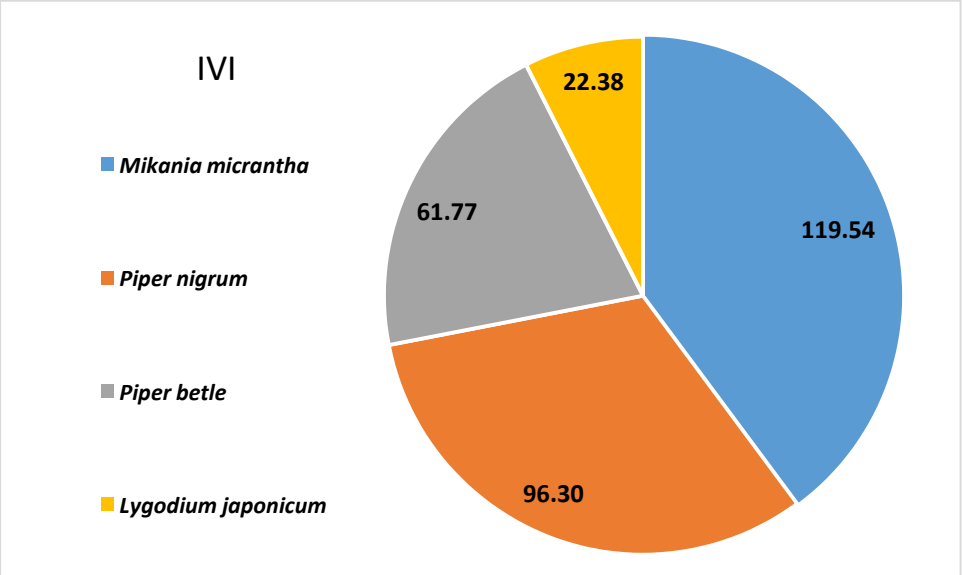


Figure 168: IVI Values of Dominant Scrambler, creeper and twiner species in Santalabari

6.8.4. Inventory of associated bird species

During our field trip 26 species of birds were documented in the selected subplots including some IUCN red listed species like Alexandrine Parakeet (NT), Indian Hornbill (VU) and Red Breasted Parakeet (NT) along with some interesting species like Asian Barred owlet, Collared falconet, Golden spectacled warbler, Little Pied Flycatcher, Rufous bellied Niltava etc. All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 315: All Bird species documented Subplot wise in Santalabari

SL no.	Common name	Scientific name	IUCN Status	Subplot
1	Alexandrine parakeet	*Psittacula eupatria*	NT	Subplot 2, Adjacent to Subplot 1, Outside the main plot
2	Ashy woodswallow	*Artamus fuscus*	LC	Adjacent to Subplot 9
3	Asian Barred owlet	*Glaucidium cuculoides*	LC	Subplot 6
4	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Adjacent to Subplot 2, Subplot 8
5	Black Hooded Oriole	*Oriolus xanthornus*	LC	1, Adjacent to Subplot 1, 6, Outside the main plot
6	Blue winged minla	*Actinodura cyanouroptera*	LC	Outside the main plot
7	Collared falconet	*Microhierax caerulescens*	LC	Outside the main plot
8	Eurasian Collered dove	*Streptopelia decaocto*	LC	Subplots 3, 5
9	Golden fronted leaf bird	*Chloropsis aurifrons*	LC	Subplot 1
10	Golden spectacled warbler	*Seicercus burkii*	LC	Adjacent to Subplot 10
11	Great Indian Hornbill	*Buceros bicornis*	VU	Subplots 1, 6
12	Greater Yellownape Woodpecker	*Chrysophlegma flavinucha*	LC	Subplot 2
13	Green billed Malkoha	*Phaenicophaeus tristis*	LC	Subplot 4
14	Grey backed shrike	*Lanius tephronotus*	LC	Outside the main plot
15	Lesser Yellownape Woodpecker	*Picus chlorolophus*	LC	Adjacent to Subplot 6
16	Lineated Barbet	*Megalaima lineata*	LC	Subplots 4, 6
17	Little Pied Flycatcher	*Ficedula westermanni*	LC	Subplot 5
18	Pale Blue flycatcher	*Cyornis unicolor*	LC	Subplot 4
19	Red Breasted Parakeet	*Psittacula alexandri*	NT	Adjacent to Subplot 1, Adjacent to Subplot 3, Subplot 6
20	Rufous bellied niltava	*Niltava sundara*	LC	Adjacent to Subplot 9
21	Scarlet minivet	*Pericrocotus speciosus*	LC	Adjacent to Subplot 2, Subplot 9
22	Spangled drongo	*Dicrurus bracteatus*	LC	Subplot 5
23	Streak Throated Spider hunter	Arachnothera magna	LC	Subplot 5
24	White capped water redstart	*Phoenicurus leucocephalus*	LC	Outside the main plot
25	White rumped Shama	*Copsychus malabaricus*	LC	Subplot 2
26	White wagtail	*Motacilla alba*	LC	Outside the main plot

6.9. PERMANENT PLOT: MENDABARI

6.9.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Jaldapara (WL-III)
- Range: Chilapata
- Beat: Bania
- Block: Mendabari 5

The ninth field trip in North Bengal Plains was undertaken in Mendabari 5 block under Chilapata Range of Jaldapara National Park during 13th to 15th March, 2021. The field trip was undertaken simultaneously with Santalabari area by another set of team members.

Mendabari under Chilapata range situated in the south eastern side of Jaldapara National Park is located between latitude 89°15' N to 89°35' N and longitude 26°30' E to 26°48'E with a total area of 217 km^2 in the newly formed Alipurduar districton the banks of the Torsa River. It is famous for the home of Indian One-Horned Rhino (*Rhinoceros unicornis*). Other than the Rhino, the Elephant, Gaur, Sambar, Chital, Barking deer, Wild boar and Hog deer are found among the herbivore. Beside these, carnivores like the leopard, fishing cat, leopard cat and the jungle cat also occur.

Mendabari forests mainly comprise of moist deciduous forest dominated by Sal (*Shorea robusta*), Lali, Katus, Khayer, Siris (*Albizzia lebbeck*), Simul (*Bombax ceiba*) etc.

Figure 169: Permanent plot selected at Mendabari

6.9.2. Ground survey

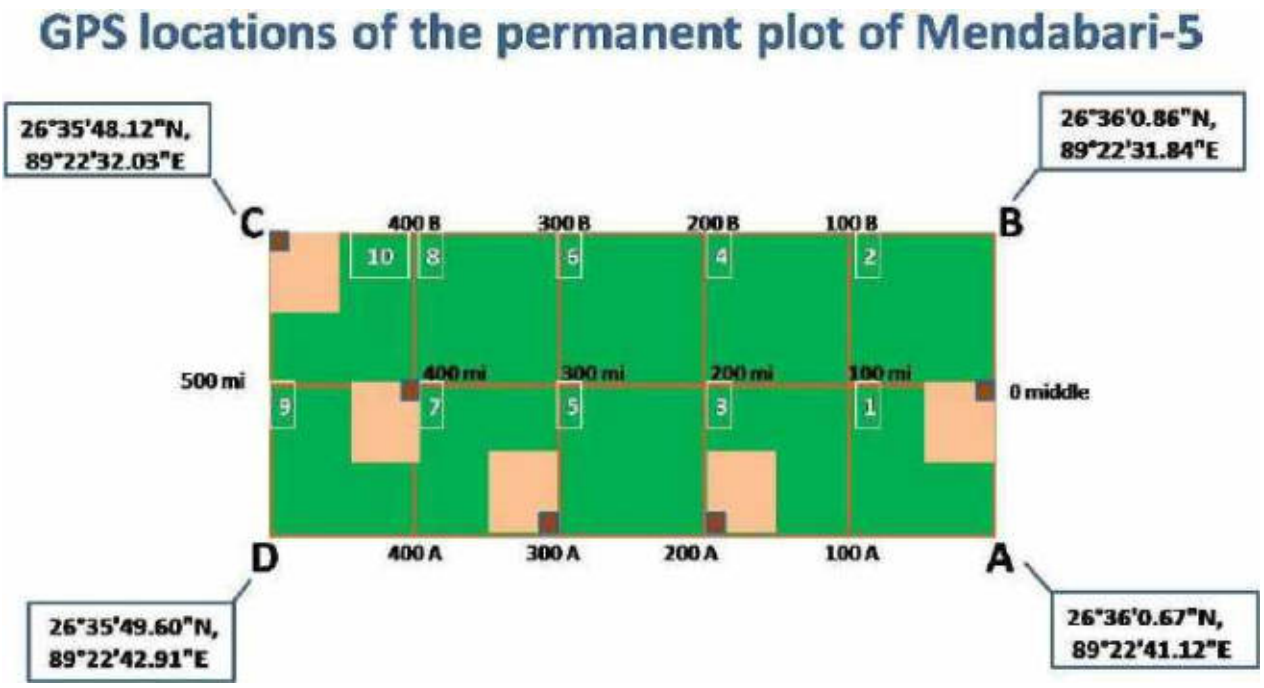


Figure 170: GPS location of the plot with schematic diagram of chosen subplots in Mendabari

Table 316: Latitude / Longitude of all the Subplots in Mendabari

Subplot points	Latitude	Longitude	Tree Name
0 middle	26°36'0.35"N	89°22'37.00"E	Bohera
100 middle	26°35'57.99"N	89°22'36.34"E	Fulkatush
200 middle	26°35'55.75"N	89°22'37.42"E	Chalta
300 middle	26°35'53.66"N	89°22'37.70"E	Odal
400 middle	26°35'51.05"N	89°22'37.25"E	Kadam
500 middle	26°35'49.19"N	89°22'37.72"E	Toon
100 A	26°35'58.17"N	89°22'42.02"E	Khodo
100 B	26°35'58.36"N	89°22'31.51"E	Chaap
200 A	26°35'55.98"N	89°22'42.17"E	Jam
200 B	26°35'55.91"N	89°22'32.05"E	Golkatush
300 A	26°35'53.57"N	89°22'42.33"E	Sada katoos
300 B	26°35'53.48"N	89°22'31.69"E	Chaap
400 A	26°35'51.44"N	89°22'42.71"E	Pithali
400 B	26°35'50.90"N	89°22'32.61"E	Odal

Table 317: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Mendabari

Subplots		50mX 50m Plot		10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°35'58.94"N	89°22'36.81"E	26°36'0.31"N	89°22'37.04"E
	50b	26°35'58.84"N	89°22'38.81"E		
	50c	26°36'0.58"N	89°22'38.63"E		
Subplot 3	50a	26°35'55.93"N	89°22'40.40"E	26°35'56.09"N	89°22'42.08"E
	50b	26°35'57.50"N	89°22'40.22"E		
	50c	26°35'57.45"N	89°22'42.02"E		
Subplot 7	50a	26°35'53.48"N	89°22'40.49"E	26°35'53.50"N	89°22'42.30"E
	50b	26°35'51.95"N	89°22'40.63"E		
	50c	26°35'51.95"N	89°22'42.46"E		
Subplot 9	50a	26°35'49.61"N	89°22'37.63"E	26°35'51.03"N	89°22'37.37"E
	50b	26°35'49.61"N	89°22'39.38"E		
	50c	26°35'51.20"N	89°22'38.98"E		
Subplot 10	50a	26°35'50.15"N	89°22'32.45"E	26°35'48.21"N	89°22'32.26"E
	50b	26°35'50.25"N	89°22'34.56"E		
	50c	26°35'48.46"N	89°22'34.41"E		

6.9.3. Inventorization of Flora

Table 318: Documentation of all tree species in all the Subplots in Mendabari

Sl. No.	Tree Species	Common name	Sp1	Sp3	Sp7	Sp9	Sp10	Total
1	*Albizia chinensis*	Sirish		6		2		**8**
2	*Alstonia scholaris*	Chatiyan/chatim		4			1	**5**
3	*Amoora rohituka*	Lasooni lali/rosuni lali	6		6	7	12	**31**
4	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali		8		4	3	**15**
5	*Baccaurea ramiflora*	Notko/lotka/kusum		8	5		2	**15**
6	*Bauhinia malabarica*	Karmai /sada karmai			1			**1**
7	*Bischofia javanica*	Kainjal		7		1		**8**
8	*Bombax ceiba*	Simul	3	4		1		**8**
9	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo	6	8	12	20	7	**53**
10	*Casearia vareca*	Sada lali			2	5		**7**
11	*Castanopsis hystrix*	Katus	4	6			8	**18**
12	*Castanopsis indica*	Kala katus/dhalney katus			2	1		**3**
13	*Chukrasia tabularis*	Chikrasi/ chekrasi	1	3		5		**9**
14	*Cinnamomum bejolghota*	Jungli tejpata		2	1	1		**4**
15	*Dillenia indica*	Chalta /paachpholia/ pachkol		5		6		**11**
16	*Dillenia pentagyna*	Tatari/ray/oxy/bon chalta		6	2		1	**9**
17	*Dysoxylum binectarifolium*	Lahasune/ rasune	2		4			**6**
18	*Elaeocarpus varuua*	Bhadrase/Jungli Jalpai	1		1		0	**2**
19	*Ficus nervosa*	Bagnal		1				**1**
20	*Ficus semicordata*	Khasre/kukath	7				12	**19**

21	*Gmelina arborea*	Gamar/gamari/gambhir/gamarchika		2		1		**3**
22	*Ilex godajam*	Hatisura					1	**1**
23	*Knema erratica*	Ramgua		1	1			**2**
24	*Lagerstroemia parviflora*	Baaje/sidha					1	**1**
25	*Lagerstroemia speciosa*	Jarul	4	6	6	10	1	**27**
26	*Litsea glutinosa*	Chimni/dhada kawla/lyada	35	1			1	**37**
27	*Litsea monopetala*	Kulkuli / kutmero/ kutmiro/ bon kathali	2	2	4	2		**10**
28	*Macaranga denticulata*	Maleta/malata			1		1	**2**
29	*Machilus gamblei*	Kawla/ampate/ampate kawla		5	2	2	2	**11**
30	*Magnolia champaca*	Chaamp	4	6	2	3	15	**30**
31	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	11	7	6	25	7	**56**
32	*Monoon simiarum*	Laapche / laapshi/ khuti kath / chorok chapa/ sada lapche	1					**1**
33	*Neolamarckia cadamba*	Kadam	13	5	12	5	3	**38**
34	*Oroxylum indicum*	Totola	3	5	2	3	3	**16**
35	*Piliostigma malabaricum*	Kanchan		4				**4**
36	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli	1	1	1		1	**4**
37	*Pterygota alata*	Narkeli	2	1			1	**4**
38	*Schima wallichii*	Chiloni/ chilauney		6			2	**8**
39	*Shorea robusta*	Sal		4		4		**8**
40	*Sloanea sterculiacea*	Kadam katus/bhaisi katus/gobrey katus/gol/sada katus		10	32	19		**61**
41	*Sterculia villosa*	Udla / odal	29	7	34	26	36	**132**
42	*Stereospermum tetragonum*	Parari		6	1	5	4	**16**
43	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun	5	6	2	7	2	**22**
44	*Syzygium jambolanum*	Goda jam/kada jam/loha jam/maina jamun/sada jamun/golap jam/sada jam/ choto jam/pani jam/kancha jam			1			**1**
45	*Terminalia bellirica*	Bahera/bhaola	3	5		6	1	**15**
46	*Terminalia chebula*	Horitoki/harra					1	**1**
47	*Toona hexandra*	Toon/tuni	3	5	4	7	1	**20**
48	*Trema tomentosa*	Sada gigni			1			**1**
49	*Xylia xylocarpa*	Loha kath		2				**2**
50	Laipanji (Unidentified)	Laipanji		9	5	8		**22**
Total			**146**	**174**	**153**	**186**	**130**	**789**

Table 319: Statistical analysis of all the Tree Species in Mendabari

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Albizia chinensis*	8	40	1.43	1.60	1.01	4.00	1.76	4.20	**0.94**	**3.27**
2	*Alstonia scholaris*	5	40	1.43	1.00	0.63	2.50	1.10	3.16		
3	*Amoora rohituka*	31	80	2.86	6.20	3.93	7.75	3.40	10.19		
4	*Amoora wallichii*	15	60	2.14	3.00	1.90	5.00	2.19	6.24		
5	*Baccaurea ramiflora*	15	60	2.14	3.00	1.90	5.00	2.19	6.24		
6	*Bauhinia malabarica*	1	20	0.71	0.20	0.13	1.00	0.44	1.28		
7	*Bischofia javanica*	8	40	1.43	1.60	1.01	4.00	1.76	4.20		
8	*Bombax ceiba*	8	60	2.14	1.60	1.01	2.67	1.17	4.33		
9	*Callicarpa arborea*	53	100	3.57	10.60	6.72	10.60	4.65	14.94		

10	*Casearia vareca*	7	40	1.43	1.40	0.89	3.50	1.54	3.85
11	*Castanopsis hystrix*	18	60	2.14	3.60	2.28	6.00	2.63	7.06
12	*Castanopsis indica*	3	40	1.43	0.60	0.38	1.50	0.66	2.47
13	*Chukrasia tabularis*	9	60	2.14	1.80	1.14	3.00	1.32	4.60
14	*Cinnamomum bejolghota*	4	60	2.14	0.80	0.51	1.33	0.59	3.23
15	*Dillenia indica*	11	40	1.43	2.20	1.39	5.50	2.41	5.24
16	*Dillenia pentagyna*	9	60	2.14	1.80	1.14	3.00	1.32	4.60
17	*Dysoxylum binectarifolium*	6	40	1.43	1.20	0.76	3.00	1.32	3.51
18	*Elaeocarpus varuua*	2	40	1.43	0.40	0.25	1.00	0.44	2.12
19	*Ficus nervosa*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
20	*Ficus semicordata*	19	40	1.43	3.80	2.41	9.50	4.17	8.01
21	*Gmelina arborea*	3	40	1.43	0.60	0.38	1.50	0.66	2.47
22	*Ilex godajam*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
23	*Knema erratica*	2	40	1.43	0.40	0.25	1.00	0.44	2.12
24	*Lagerstroemia parviflora*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
25	*Lagerstroemia speciosa*	27	100	3.57	5.40	3.42	5.40	2.37	9.36
26	*Litsea glutinosa*	37	60	2.14	7.40	4.69	12.33	5.41	12.24
27	*Litsea monopetala*	10	80	2.86	2.00	1.27	2.50	1.10	5.22
28	*Macaranga denticulata*	2	40	1.43	0.40	0.25	1.00	0.44	2.12
29	*Machilus gamblei*	11	80	2.86	2.20	1.39	2.75	1.21	5.46
30	*Magnolia champaca*	30	100	3.57	6.00	3.80	6.00	2.63	10.01
31	*Mallotus nudiflorus*	56	100	3.57	11.20	7.10	11.20	4.91	15.58
32	*Monoon simiarum*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
33	*Neolamarckia cadamba*	38	100	3.57	7.60	4.82	7.60	3.34	11.72
34	*Oroxylum indicum*	16	100	3.57	3.20	2.03	3.20	1.40	7.00
35	*Piliostigma malabaricum*	4	20	0.71	0.80	0.51	4.00	1.76	2.98
36	*Premna bengalensis*	4	80	2.86	0.80	0.51	1.00	0.44	3.80
37	*Pterygota alata*	4	60	2.14	0.80	0.51	1.33	0.59	3.23
38	*Schima wallichii*	8	40	1.43	1.60	1.01	4.00	1.76	4.20
39	*Shorea robusta*	8	40	1.43	1.60	1.01	4.00	1.76	4.20
40	*Sloanea sterculiacea*	61	60	2.14	12.20	7.73	20.33	8.92	18.80
41	*Sterculia villosa*	132	100	3.57	26.40	16.73	26.40	11.59	31.89
42	*Stereospermum tetragonum*	16	80	2.86	3.20	2.03	4.00	1.76	6.64
43	*Syzygium cumini*	22	100	3.57	4.40	2.79	4.40	1.93	8.29
44	*Syzygium jambolanum*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
45	*Terminalia bellirica*	15	80	2.86	3.00	1.90	3.75	1.65	6.40
46	*Terminalia chebula*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
47	*Toona hexandra*	20	100	3.57	4.00	2.53	4.00	1.76	7.86
48	*Trema tomentosa*	1	20	0.71	0.20	0.13	1.00	0.44	1.28
49	*Xylia xylocarpa*	2	20	0.71	0.40	0.25	2.00	0.88	1.85
50	Laipanji (Unidentified)	22	60	2.14	4.40	2.79	7.33	3.22	8.15

a. Tree Species:

A total number of 789 tree individuals were documented under 50 tree species from this permanent plot at Mendabari. The vegetation in this plot was mostly dominated by *Sterculia villosa* (IVI = 31.89), *Sloanea sterculiacea* (IVI = 18.80), *Mallotus nudiflorus* (IVI = 15.58), *Callicarpa arborea* (IVI = 14.94), *Litsea glutinosa* (IVI = 12.24), *Neolamarckia cadamba* (IVI = 11.72*), Amoora rohituka* (IVI = 10.19) and *Magnolia champaca* (IVI = 10.01).

The highest number of individuals was contributed by *Sterculia villosa* (132). The other dominant species that documented less than 100 but more than 50 trees were *Sloanea sterculiacea* with 61 trees, *Mallotus nudiflorus* with 56 trees, and *Callicarpa arborea* with 53 trees.

Subplot 3 represented highest diversity of tree species (36).

With highest frequency (100%) *Callicarpa arborea, Lagerstroemia speciosa, Magnolia champaca, Mallotus nudiflorus, Neolamarckia cadamba, Oroxylum indicum, Sterculia villosa, Syzygium cumini* and *Toona hexandra* were found in all the subplots. Species like *Bauhinia malabarica, Ficus nervosa, Ilex godajam, Lagerstroemia parviflora, Monoon simiarum, Piliostigma malabaricum, Syzygium jambolanum, Terminalia chebula, Trema tomentosa* and *Xylia xylocarpa* had the lowest frequency (20%), and were found in only one of the 5 subplots. Moreover, trees like *Bauhinia malabarica, Ficus nervosa, Ilex godajam, Lagerstroemia parviflora, Monoon simiarum, Syzygium jambolanum, Terminalia chebula and Trema tomentosa* contributed to the vegetation with only a single individual in which ever subplot they were found.

The Simpson's Diversity Index (0.94) and Shannon's Diversity Index (3.27) indicated high tree species richness and evenness. Simpson's Diversity index also explains that there is 94% chance that 2 individuals selected at random from this plot would be from different tree species.

Magnolia champaca was recorded as the tallest tree with a height of 69.51 m and a maximum GBH of 302.26 cm (subplot-10) and *Trema tomentosa* was recorded as the shortest tree with a height of 9.75m and GBH of 63.50 cm (Subplot-7) (Table: 320).

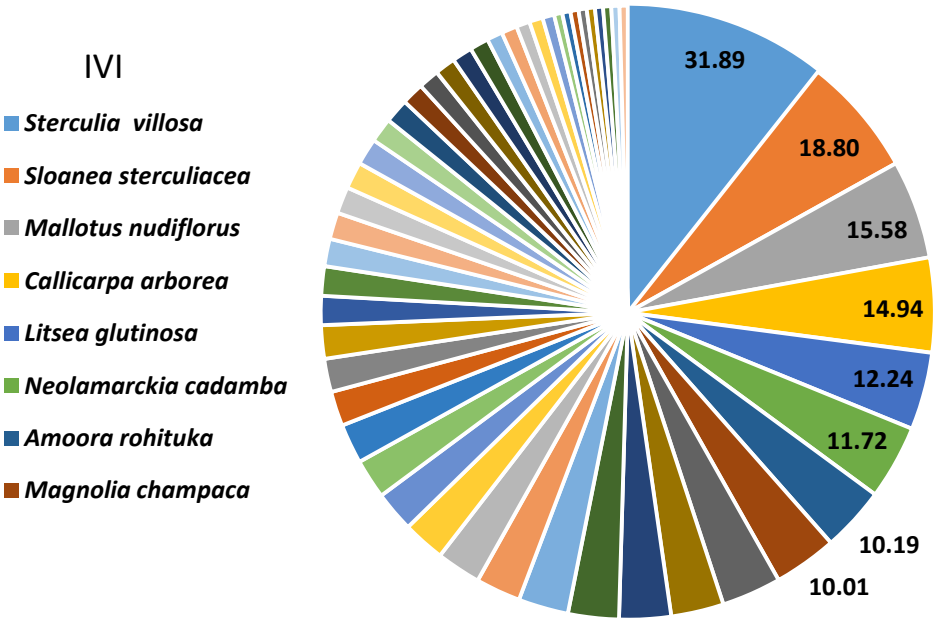


Figure 171: IVI Values of Dominant Tree Species in Mendabari

Table 320: Average Height and GBH data of all the subplots in Mendabari

Sl. No.	Scientific Names	SP 1		SP 3		SP 7		SP 9		SP 10	
		AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)	AVG Height (m)	AVG GBH (cm)
1	*Albizia chinensis*			21.44	118.96			14.17	32.85		
2	*Alstonia scholaris*			33.38	194.95					36.88	96.52
3	*Amoora rohituka*	29.46	110.91			21.54	100.75	19.94	104.50	24.54	77.26
4	*Amoora wallichii*			22.44	95.89			19.20	50.80	22.96	44.03
5	*Baccaurea ramiflora*			20.04	89.85	14.33	59.44			16.15	40.64
6	*Bauhinia malabarica*					14.33	88.90				
7	*Bischofia javanica*			23.69	102.33			21.95	96.52		
8	*Bombax ceiba*	68.38	218.44	33.53	189.87			29.26	444.50		
9	*Callicarpa arborea*	26.57	118.11	18.67	70.80	23.01	122.56	17.11	76.84	25.17	103.78
10	*Casearia vareca*					13.41	67.31	18.47	83.82		
11	*Castanopsis hystrix*	40.16	138.43	21.13	72.81					33.53	174.63
12	*Castanopsis indica*					29.41	167.64	26.21	304.80		
13	*Chukrasia tabularis*	47.55	215.90	29.87	186.27			32.55	182.88		
14	*Cinnamomum bejolghota*			27.74	170.18	10.97	43.18	10.67	55.88		
15	*Dillenia indica*			29.99	156.97			20.68	70.70		
16	*Dillenia pentagyna*			21.69	129.96	21.34	114.30			37.19	81.28
17	*Dysoxylum binectarifolium*	23.93	62.23			20.73	109.22				
18	*Elaeocarpus varuua*	31.09	124.46			15.85	63.50				
19	*Ficus nervosa*			19.51	106.68						
20	*Ficus semicordata*	22.51	86.00							25.45	76.62
21	*Gmelina arborea*			22.25	81.28			12.80	78.74		
22	*Ilex godajam*									31.09	60.96
23	*Knema erratica*			18.90	121.92	12.19	134.62				
24	*Lagerstroemia parviflora*									36.88	91.44
25	*Lagerstroemia speciosa*	34.67	125.73	20.07	91.44	16.41	77.89	20.73	106.43	26.21	55.88
26	*Litsea glutinosa*	22.77	85.05	14.02	86.36					14.02	35.56
27	*Litsea monopetala*	25.30	85.09	12.19	58.42	13.87	69.85	11.13	58.42		
28	*Macaranga denticulata*					14.63	127.00			20.12	66.04
29	*Machilus gamblei*			18.17	72.14	27.13	161.29	11.43	63.50	25.30	62.23
30	*Magnolia champaca*	42.06	134.62	31.60	192.62	42.67	300.99	32.51	242.15	69.51	302.26
31	*Mallotus nudiflorus*	39.68	119.84	26.21	135.35	16.97	88.90	25.53	139.90	24.69	70.39
32	*Monoon simiarum*	13.41	38.10								
33	*Neolamarckia cadamba*	43.59	148.49	17.74	78.74	23.85	142.03	26.33	122.94	52.02	169.33
34	*Oroxylum indicum*	31.50	99.91	21.28	116.33	17.68	88.90	17.98	111.76	32.31	89.75
35	*Piliostigma malabaricum*			28.19	176.53						
36	*Premna bengalensis*	46.94	91.44	22.86	91.44	23.77	157.48			24.69	58.42
37	*Pterygota alata*	25.76	59.69	15.85	91.44					32.31	58.42
38	*Schima wallichii*			28.30	136.74					39.32	146.05
39	*Shorea robusta*			38.48	186.69			32.46	231.78		
40	*Sloanea sterculiacea*			24.87	107.44	18.20	88.11	16.40	75.26		
41	*Sterculia villosa*	40.15	155.82	20.77	81.64	21.98	119.53	24.22	121.53	35.15	112.18

42	*Stereospermum tetragonum*			14.78	71.12	16.76	71.12	19.87	91.95	36.42	104.14
43	*Syzygium cumini*	29.99	87.38	31.39	173.57	12.80	50.80	24.99	134.26	25.30	63.50
44	*Syzygium jambolanum*					12.19	55.88				
45	*Terminalia bellirica*	28.85	100.75	30.97	151.38			32.77	166.79	31.70	129.54
46	*Terminalia chebula*									31.70	365.76
47	*Toona hexandra*	30.58	89.75	25.42	128.52	21.11	138.43	18.46	79.83	36.88	93.98
48	*Trema tomentosa*					9.75	63.50				
49	*Xylia xylocarpa*			11.89	58.42						
50	Laipanji*			16.76	75.64	15.79	81.28	15.85	57.47		

Table 321: Documentation of Shrub species (including tree saplings) in all the Subplots in Mendabari

Sl. No.	Shrub Species	Common name	Sp1	Sp3	Sp10	Sp9	Sp7	Total
1	*Ageratum conyzoides*		0	0	0	105	55	**160**
2	*Clerodendrum viscosum*	Bhant	110	517	550	255	268	**1700**
3	*Coffea benghalensis*	Chhagol Leri	0	770	231	201	295	**1497**
4	*Helicteres isora*		70	31	0	0	0	**101**
5	*Melastoma malabathricum*	Jatrangi	0	53	0	0	0	**53**
6	*Phlogacanthus hyrsiflorus*	Lal Basak	0	0	0	0	21	**21**
7	*Rauvolfia serpentina*	Sarpogandha	0	7	0	0	0	**7**
8	*Tragia involucrata*	Bichuti	0	0	16	0	0	**16**
Total			**180**	**1378**	**797**	**561**	**639**	**3555**

Table 322: Statistical analysis of all the Shrub Species (including tree saplings) in Mendabari

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ageratum conyzoides*	160	40	11.76	128.00	4.50	80.00	8.49	24.76	**0.59**	**1.09**
2	*Clerodendrum viscosum*	1700	100	29.41	1360.00	47.82	340.00	36.10	113.33		
3	*Coffea benghalensis*	1497	80	23.53	1197.60	42.11	374.25	39.74	105.38		
4	*Helicteres isora*	101	40	11.76	80.80	2.84	50.50	5.36	19.97		
5	*Melastoma malabathricum*	53	20	5.88	42.40	1.49	53.00	5.63	13.00		
6	*Phlogacanthus thyrsiflorus*	21	20	5.88	16.80	0.59	21.00	2.23	8.70		
7	*Rauvolfia serpentina*	7	20	5.88	5.60	0.20	7.00	0.74	6.82		
8	*Tragia involucrata*	16	20	5.88	12.80	0.45	16.00	1.70	8.03		

b. Shrub Species:

A total number of 3555 individuals under 8 shrub species were documented from this permanent plot. The vegetation was dominated by *Clerodendrum viscosum* (IVI = 113.33) and *Coffea benghalensis* (IVI = 105.38). Maximum numbers of individuals were also contributed by *Clerodendrum viscosum* (1700) and *Coffea benghalensis* (1497).

With highest frequency (100%) *Clerodendrum viscosum* was found in four subplots. Whereas *Melastoma malabathricum, Phlogacanthus thyrsiflorus, Rauvolfia serpentina* and *Tragia involucrata* were found to have least frequency (20%) and documented only from single subplot.

Minimum contribution was made by *Rauvolfia serpentina, Tragia involucrata* and *Phlogacanthus thyrsiflorus* with 7, 16 and 21 individuals respectively.

The Simpson's Diversity index (0.59) and Shannon's Diversity Index (1.09) indicated that the plot is less diverse with low richness and evenness of shrub species. Simpson's Diversity index also explains that there is 59% chance that 2 individuals selected at random from this plot would be from different shrub species.

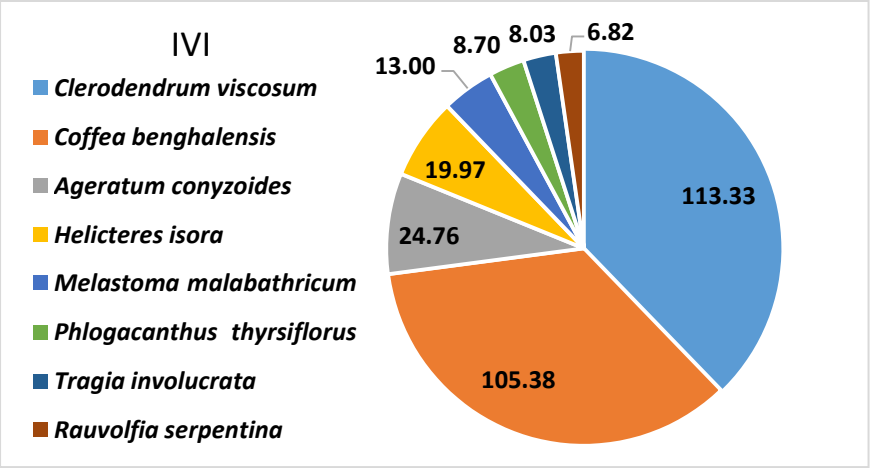


Figure 172: IVI Values of Dominant Shrubs (including tree saplings) in Mendabari

Table 323: Documentation of Liana species in all the Subplots in Mendabari

Sl. No.	Liana Species	Common name	Sp1	Sp3	Sp10	Sp9	Sp7	Total
1	*Ampelocissus latifolia*		34	147	122	56	344	**703**
2	*Clematis zeylanica*		43	0	0	0	0	**43**
3	*Gymnema sylvestre*	Gurmar	0	25	0	14	0	**39**
4	*Smilax macrophylla*	Kumarika	0	88	0	0	0	**88**
5	*Tinospora sinensis*		0	0	0	9	19	**28**
Total			**77**	**260**	**122**	**79**	**363**	**901**

Table 324: Statistical analysis of all the Woody climber Species in Mendabari

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampelocissus latifolia*	703	100	45.45	562.40	78.02	140.60	46.08	169.56	**0.38**	**0.81**
2	*Clematis zeylanica*	43	20	9.09	34.40	4.77	43.00	14.09	27.96		
3	*Gymnema sylvestre*	39	40	18.18	31.20	4.33	19.50	6.39	28.90		
4	*Smilax macrophylla*	88	20	9.09	70.40	9.77	88.00	28.84	47.70		
5	*Tinospora sinensis*	28	40	18.18	22.40	3.11	14.00	4.59	25.88		

c. Liana Species:

A total number of 901 individuals under 5 liana species were documented from this permanent plot. The vegetation was dominated by *Ampelocissus latifolia* (IVI = 169.56). Maximum number of individuals was also contributed by *Ampelocissus latifolia* (703).

With highest frequency (100%) *Ampelocissus latifolia* was found in all the subplots. *Clematis zeylanica* and *Smilax macrophylla* were found to have lowest frequency (20%) and documented only from single subplot.

The Simpson's Diversity index (0.38) and Shannon's Diversity Index (0.81) indicated that the plot sustained very less diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 38% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

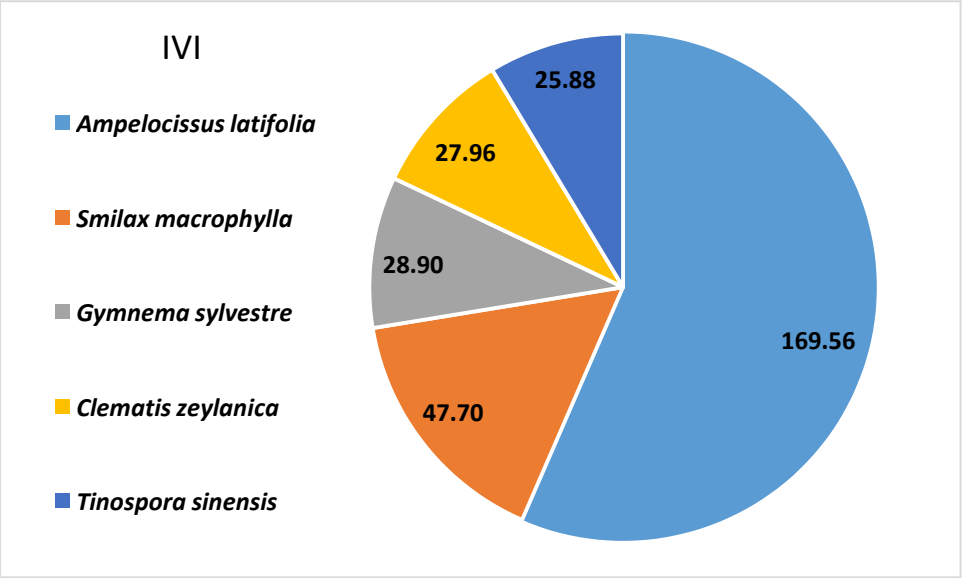


Figure 173: IVI Values of Dominant Woody climber Species in Mendabari

Table 325: Documentation of all Herb species in all the nested Subplots in Mendabari

Sl. No.	Herb Species	Common name	Sp1	Sp3	Sp10	Sp9	Sp7	Total
1	*Alpinia nigra*	Purundi	3	0	0	0	0	**3**
2	*Alpinia purpurata*		0	0	0	64	6	**70**
3	*Boerhavia repens*	Punarnaba	0	192	0	0	0	**192**
4	*Brachiaria ramosa*		27	83	91	47	181	**429**
5	*Commelina benghalensis*	Kansirey	0	0	0	2	45	**47**
6	*Curcuma amada*	Aam-Ada	0	0	0	42	47	**89**
7	*Cymbopogon aciculatus*	Chorkanta	0	0	0	25	20	**45**
8	*Diplazium esculentum*	Dhekia	46	198	75	0	0	**319**
9	*Dryopteris sikkimensis*	Jongli Dhekia	153	349	269	0	1234	**2005**
10	*Elatostema sessile*		4	0	0	0	0	**4**
11	*Hedychium gracile*		0	45	19	0	624	**688**

12	*Houttuynia cordata*		33	32	0	0	0	**65**
13	*Imperata cylindrica*		48	0	0	0	0	**48**
14	*Ipomoea pes-tigridis*		0	0	0	0	141	**141**
15	*Oxalis corniculata*	Amrul	80	0	0	114	421	**615**
16	*Oxalis debilis*	Beguni amrul	17	101	179	0	0	**297**
17	*Persicaria chinensis*		16	55	0	43	135	**249**
18	*Polystichum lentum*		215	62	0	121	85	**483**
19	*Potentilla indica*	Jonglo Strawberry	594	323	0	425	616	**1958**
20	*Pteris longifolia*		0	0	116	0	0	**116**
21	*Pteris vittata*		148	0	0	86	17	**251**
22	*Rottboellia cochinchinensis*	Gaighash	34	147	122	56	344	**703**
23	*Solanum sisymbriifolium*	Kantikari	0	0	0	0	2	**2**
24	*Urena lobata*		15	39	0	44	16	**114**
25	*Urtica dioica*	Chulkani pata	0	318	0	280	0	**598**
Total			**1433**	**1944**	**871**	**1349**	**3934**	**9531**

Table 326: Statistical analysis of all the Herb Species in Mendabari

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Alpinia nigra*	3	20	1.56	60	0.03	3.00	0.10	1.69	**0.89**	**2.54**
2	*Alpinia purpurata*	70	40	3.13	1400	0.73	35.00	1.12	4.98		
3	*Boerhavia repens*	192	20	1.56	3840	2.01	192.00	6.16	9.74		
4	*Brachiaria ramosa*	429	100	7.81	8580	4.50	85.80	2.75	15.07		
5	*Commelina benghalensis*	47	40	3.13	940	0.49	23.50	0.75	4.37		
6	*Curcuma amada*	89	40	3.13	1780	0.93	44.50	1.43	5.49		
7	*Cymbopogon aciculatus*	45	40	3.13	900	0.47	22.50	0.72	4.32		
8	*Diplazium esculentum*	319	60	4.69	6380	3.35	106.33	3.41	11.45		
9	*Dryopteris sikkimensis*	2005	80	6.25	40100	21.04	501.25	16.09	43.38		
10	*Elatostema sessile*	4	20	1.56	80	0.04	4.00	0.13	1.73		
11	*Hedychium gracile*	688	60	4.69	13760	7.22	229.33	7.36	19.27		
12	*Houttuynia cordata*	65	40	3.13	1300	0.68	32.50	1.04	4.85		
13	*Imperata cylindrica*	48	20	1.56	960	0.50	48.00	1.54	3.61		
14	*Ipomoea pes-tigridis*	141	20	1.56	2820	1.48	141.00	4.53	7.57		
15	*Oxalis corniculata*	615	60	4.69	12300	6.45	205.00	6.58	17.72		
16	*Oxalis debilis*	297	60	4.69	5940	3.12	99.00	3.18	10.98		
17	*Persicaria chinensis*	249	80	6.25	4980	2.61	62.25	2.00	10.86		
18	*Polystichum lentum*	483	80	6.25	9660	5.07	120.75	3.88	15.19		
19	*Potentilla indica*	1958	80	6.25	39160	20.54	489.50	15.71	42.51		
20	*Pteris longifolia*	116	20	1.56	2320	1.22	116.00	3.72	6.50		
21	*Pteris vittata*	251	60	4.69	5020	2.63	83.67	2.69	10.01		
22	*Rottboellia cochinchinensis*	703	100	7.81	14060	7.38	140.60	4.51	19.70		
23	*Solanum sisymbriifolium*	2	20	1.56	40	0.02	2.00	0.06	1.65		
24	*Urena lobata*	114	80	6.25	2280	1.20	28.50	0.91	8.36		
25	*Urtica dioica*	598	40	3.13	11960	6.27	299.00	9.60	19.00		

d. Herb Species:

A total number of 9531 individuals belonging to 25 herbaceous species were documented from this permanent plot. The vegetation was mostly dominated by *Dryopteris sikkimensis* (IVI = 43.38) and *Potentilla indica* (IVI = 42.51). Maximum number of individuals were contributed by *Dryopteris sikkimensis* (2005) and *Potentilla indica* (1958).

With highest frequency (100%) *Brachiaria ramosa* and *Rottboellia cochinchinensis* were found in all the subplots. *Alpinia nigra, Boerhavia repens, Elatostema sessile, Imperata cylindrical, Ipomoea pes-tigridis, Pteris longifolia* and *Solanum sisymbriifolium* were found to have least frequency (20%) and documented only from single subplot. *Solanum sisymbriifolium*, *Alpinia nigra* and *Elatostema sessile* contributed the vegetation least with 2, 3 and 4 individuals respectively.

The Simpson's Diversity index (0.89) and Shannon's Diversity Index (2.54) of herbaceous species indicated that the plot is highly diverse with high richness and evenness. Simpson's Diversity index also explains that there is 89% chance that 2 individuals selected at random from this plot would be from different herb species.

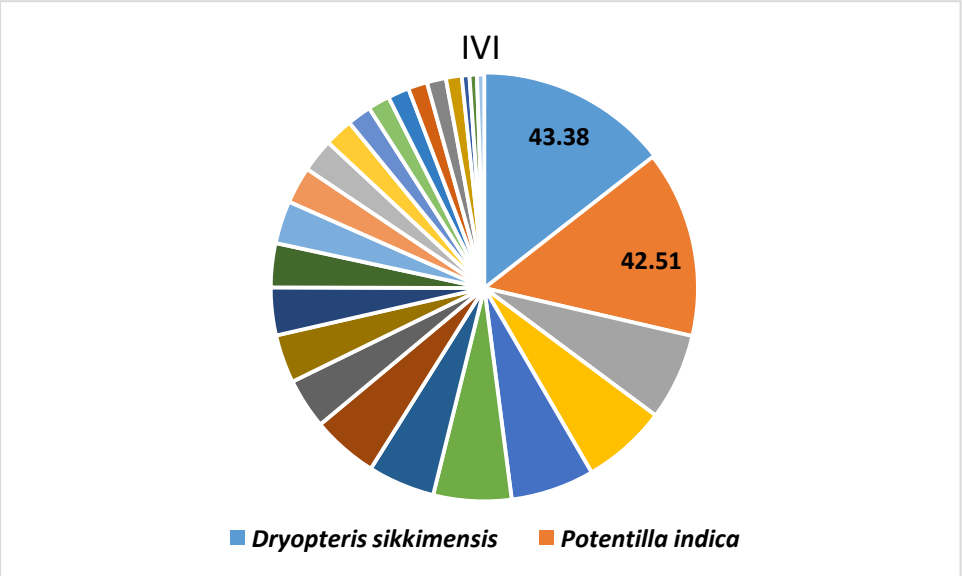


Figure 174: IVI Values of Dominant Herb Species in Mendabari

Table 327: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Mendabari

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp1	Sp3	Sp10	Sp9	Sp7	Total
1	*Lygodium flexuosum*		42	0	0	0	0	**42**
2	*Lygodium microphyllum*		0	0	153	252	46	**451**
3	*Mikania scandens*	Assamlata	0	126	15	51	0	**192**
4	*Paederia foetida*	Gendalpata	0	0	0	47	83	**130**
5	*Piper betle*	Paan	184	117	102	207	575	**1185**
6	*Piper longum*	Bonmorich	199	531	276	0	0	**1006**
7	*Piper nigrum*	Golmorich	0	0	0	0	174	**174**
Total			**425**	**774**	**546**	**557**	**878**	**3180**

Table 328: Statistical analysis of all the Scrambler, creeper and twiner species in Mendabari

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Lygodium flexuosum*	42	20	5.56	840	1.32	42	3.93	10.81	0.73	1.53
2	*Lygodium microphyllum*	451	60	16.67	9020	14.18	150.3	14.08	44.93		
3	*Mikania scandens*	192	60	16.67	3840	6.04	64	5.99	28.70		
4	*Paederia foetida*	130	40	11.11	2600	4.09	65	6.09	21.29		
5	*Piper betle*	1185	100	27.78	23700	37.26	237	22.19	87.23		
6	*Piper longum*	1006	60	16.67	20120	31.64	335.3	31.40	79.70		
7	*Piper nigrum*	174	20	5.56	3480	5.47	174	16.29	27.32		

e. Scrambler, creeper and twiner species:

A total number of 3180 individuals under 7 scrambler, creeper and twiner species were documented from this permanent plot. The vegetation was co-dominated by *Piper betle* (IVI = 87.23), *Piper longum* (IVI = 79.70) followed by *Lygodium microphyllum* (IVI = 44.93), *Mikania scandens* (IVI = 28.70) and *Piper nigrum* (IVI = 27.32). Maximum number of individuals was also contributed by *Piper betle* (1185), *Lygodium microphyllum* (467) and *Piper longum* (1006).

With maximum frequency (100%) *Piper betle* was found in all the subplots. Whereas *Lygodium flexuosum* and *Piper nigrum*, having 20% frequency, existed in only single subplot. *Lygodium flexuosum* contributed the vegetation with 42 individuals.

The Simpson's Diversity index (0.73) and Shannon's Diversity Index (1.53) indicated moderate diversity with moderate richness and evenness of scrambler, creeper and twiner species. Simpson's Diversity index also explains that there is 73% chance that 2 individuals selected at random from this plot would be from different scrambler, creeper and twiner species.

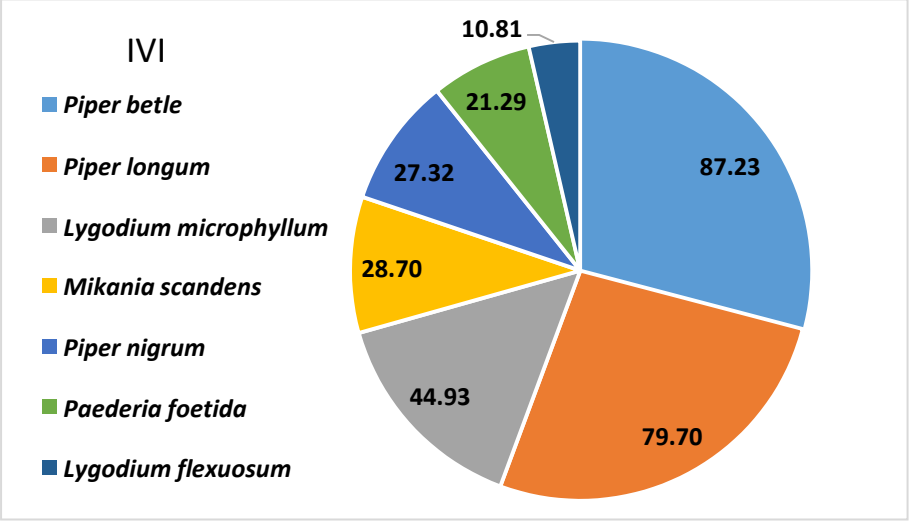


Figure 175: IVI Values of Dominant Scrambler, creeper and twiner species in Mendabari

6.9.4. Inventory of associated bird species in the plot

During our field trip 22 species of birds were documented in the selected subplots including some IUCN red listed species like Red Breasted Parakeet (NT) and Lesser adjutant (VU). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 329: All Bird species documented Subplot wise in Mendabari

Sl no.	Species name	Scientific name	IUCN Status	Subplot
1	Asian Koel	*Eudynamys scolopaceus*	LC	Outside the main plot
2	Black Crested bulbul	*Rubigula flaviventris*	LC	Subplot 9
3	Black drongo	*Dicrurus macrocercus*	LC	Outside the main plot
4	Black hooded Oriole	*Oriolus xanthornus*	LC	Subplot 9, Adjacent to Subplot 1, Outside the main plot
5	Common Hill Myna	*Gracula religiosa*	LC	1
6	Common Myna	*Acridotheres tristis*	LC	Outside the main plot
7	Copper smith Barbet	*Psilopogon haemacephalus*	LC	Subplot 1, Outside the main plot
8	Crested serpent eagle	*Spilornis cheela*	LC	Subplot 3
9	Emerald dove	*Chalcophaps indica*	LC	Subplot 7
10	Golden fronted leafbird	*Chloropsis aurifrons*	LC	Outside the main plot
11	Golden Oriole	*Oriolus kundoo*	LC	Outside the main plot
12	Greater racket tailed drongo	*Dicrurus paradiseus*	LC	Outside the main plot
13	Lesser adjutant stork	*Leptoptilos javanicus*	VU	Subplot 9
14	Lineated Barbet	*Psilopogon lineatus*	LC	Adjacent to Subplot 3
15	Oriental Dollarbird	*Eurystomus orientalis*	LC	Adjacent to Subplot 7
16	Oriental Magpie Robin	*Copsychus saularis*	LC	Outside the main plot
17	Oriental pied hornbill	*Anthracoceros albirostris*	LC	Subplot 9
18	Red breasted parakeet	*Psittacula alexandri*	NT	Subplot 6, Outside the main plot
19	Red Vented bulbul	*Pycnonotus cafer*	LC	Subplot 3
20	Rufous treepie	*Dendrocitta vagabunda*	LC	Outside the main plot
21	Spotted Dove	*Spilopelia chinensis*	LC	Subplots 1, 6, Outside the main plot
22	Yellow footed green pigeon	*Treron phoenicoptera*	LC	Subplot 7, Adjacent to Subplot 9

6.10. PERMANENT PLOT: TITI

6.10.1. NAME AND LOCATION OF THE AREA

- District: Alipurduar
- Division: Jaldapara (WL-III)
- Range: Lankapara
- Beat: Hollapara
- Mouza: Titi 4

The tenth field trip in North Bengal Plains was undertaken in Titi 4 block under Lankapara Range of Jalpara National Park during 16th to 18th March, 2021.

Titi forest block is situated in the Northern side of Jaldapara National Park (217 km^2), located in Alipurduar district on the banks of the Torsa River. It lies between latitude 89°15' N to 89°35' N and longitude 26°30' E to 26°48'E. Jaldapara is one of the few forests in India where Indian One-Horned Rhino (*Rhinoceros unicornis*) inhabits. However, it is not found in Titi. Elephant, Gaur, Sambar, Chital, Barking deer, Wild boar, Hog deer leopard, Fishing cat, leopard cat, Jungle cats etc are also found in these forests.

Figure 176: Permanent plot selected atTiti

6.10.2. Ground survey

Figure 177: GPS location of the plot with schematic diagram of chosen subplots in Titi

Table 330: Latitude / Longitude of all the Subplots in Titi

Subplot points	Latitude	Longitude	Tree Name
100A	26°45'14.09"N	89°18'39.39"E	Bogdo
100B	26°45'12.38"N	89°18'35.28"E	Pithali
200A	26°45'10.76"N	89°18'41.00"E	Badhar
200B	26°45'9.26"N	89°18'36.68"E	Pithali
300A	26°45'7.56"N	89°18'41.76"E	Jarul
300B	26°45'6.17"N	89°18'38.88"E	Bogdo
400A	26°45'4.76"N	89°18'43.65"E	Rosuni Lali
400B	26°45'3.11"N	89°18'39.46"E	Bogdo
500A	26°45'1.32"N	89°18'44.70"E	Toon
500B	26°45'0.65"N	89°18'40.97"E	Pithali
600A	26°44'58.44"N	89°18'46.33"E	Jarul
600B	26°44'57.15"N	89°18'42.37"E	Rosuni Lali
700A	26°44'55.41"N	89°18'47.05"E	Gokul
700B	26°44'54.18"N	89°18'44.03"E	Pithali
800A	26°44'52.36"N	89°18'48.85"E	Bogdo
800B	26°44'51.13"N	89°18'44.89"E	Pithali
900A	26°44'49.70"N	89°18'50.08"E	Jarul
900B	26°44'48.08"N	89°18'46.69"E	Pithali

Table 331: Latitude / Longitude of the Nested subplots for Shrubs and Herbs in Titi

Subplots	50mX 50m Plot			10 m X10m	
		Latitude	Longitude	Latitude	Longitude
Subplot 1	50a	26°45'16.07"N	89°18'36.16"E	26°45'15.35"N	89°18'38.10"E
	50b	26°45'14.56"N	89°18'36.96"E		
	50c	26°45'15.26"N	89°18'38.50"E		
Subplot 2	50a	26°45'10.12"N	89°18'39.17"E	26°45'12.12"N	89°18'40.01"E
	50b	26°45'11.51"N	89°18'38.39"E		
	50c	26°45'12.27"N	89°18'40.14"E		
Subplot 7	50a	26°44'54.86"N	89°18'45.53"E	26°44'55.49"N	89°18'46.78"E
	50b	26°44'56.45"N	89°18'44.85"E		
	50c	26°44'56.88"N	89°18'46.47"E		
Subplot 9	50a	26°44'48.81"N	89°18'48.51"E	26°44'49.75"N	89°18'49.81"E
	50b	26°44'50.47"N	89°18'47.59"E		
	50c	26°44'51.05"N	89°18'49.41"E		
Subplot 10	50a	26°44'46.89"N	89°18'47.44"E	26°44'45.75"N	89°18'48.35"E
	50b	26°44'47.50"N	89°18'48.84"E		
	50c	26°44'46.08"N	89°18'49.73"E		

6.10.3. Inventorization of Flora

Table 332: Documentation of all tree species in all the Subplots in Titi

Sl. No.	Tree Species	Common name	Sp1	Sp2	Sp7	Sp9	Sp10	Total
1	*Acacia catechu*	Khayer		1			2	**3**
2	*Albizia procera*	Sada sirish/swet sirish			3			**3**
3	*Alstonia scholaris*	Chatiyan/chatim	2			1		**3**
4	*Amoora wallichii*	Doodh lali /lali/aare lali/gota lali/boro lali		7	1	41		**49**
5	*Bischofia javanica*	Kainjal	1					**1**
6	*Bombax ceiba*	Simul	2	8	2	7	4	**23**
7	*Callicarpa arborea*	Gogdo/goylo/bogdo/khodo	8	15	29	15	5	**72**
8	*Cordia myxa*	BODHER (pic taken)		12				**12**
9	*Dysoxylum binectarifolium*	Lahasune/ rasune	1		4		135	**140**
10	*Ficus carica*	Dumber		1				**1**
11	*Ficus religiosa*	Pipal	1					**1**
12	*Flacourtia jangomas*	Pynal	3					**3**
13	*Lagerstroemia parviflora*	Baaje/sidha			1	1	4	**6**
14	*Lagerstroemia speciosa*	Jarul	23	14	6	14	1	**58**
15	*Lannea coromandelica*	Jiga / jeol/ jiya	3	1	3		1	**8**
16	*Mallotus nudiflorus*	Pithali/laddu / goypokhna	64	29	88	17	12	**210**
17	*Mallotus philippensis*	Sindoori/sindure/sindoor/githi	1		7		10	**18**
18	*Neolamarckia cadamba*	Kadam		15				**15**
19	*Oroxylum indicum*	Totola			1	1	1	**3**
20	*Premna bengalensis*	Gidari/gindari/gandhali/ ginari/gidraj/dhouli		5		5		**10**

21	*Stereospermum tetragonum*	Parari		3		1		**4**
22	*Syzygium cumini*	Jamun/khude jam/kalo jam/jam/lal jamun				1		**1**
23	*Terminalia bellirica*	Bahera/bhaola	1					**1**
24	*Terminalia myriocarpa*	Panisal/panisaj		7		1	2	**10**
25	*Xylia xylocarpa*	Loha kath		3				**3**
Total			**110**	**121**	**145**	**105**	**177**	**658**

Table 333: Statistical analysis of all the Tree Species in Titi

Sl. No.	Tree Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Acacia catechu*	3	40	3.33	0.60	0.46	1.50	0.46	4.25	**0.83**	**2.17**
2	*Albizia procera*	3	20	1.67	0.60	0.46	1.50	0.46	2.58		
3	*Alstonia scholaris*	3	40	3.33	0.60	0.46	1.50	0.46	4.25		
4	*Amoora wallichii*	49	60	5.00	9.80	7.45	24.50	7.45	19.89		
5	*Bischofia javanica*	1	20	1.67	0.20	0.15	0.50	0.15	1.97		
6	*Bombax ceiba*	23	100	8.33	4.60	3.5	11.50	3.5	15.32		
7	*Callicarpa arborea*	72	100	8.33	14.40	10.9	36.00	10.9	30.22		
8	*Cordia myxa*	12	20	1.67	2.40	1.82	6.00	1.82	5.31		
9	*Dysoxylum binectarifolium*	140	60	5.00	28.00	21.3	70.00	21.3	47.55		
10	*Ficus carica*	1	20	1.67	0.20	0.15	0.50	0.15	1.97		
11	*Ficus religiosa*	1	20	1.67	0.20	0.15	0.50	0.15	1.97		
12	*Flacourtia jangomas*	3	20	1.67	0.60	0.46	1.50	0.46	2.58		
13	*Lagerstroemia parviflora*	6	60	5.00	1.20	0.91	3.00	0.91	6.82		
14	*Lagerstroemia speciosa*	58	100	8.33	11.60	8.81	29.00	8.81	25.96		
15	*Lannea coromandelica*	8	80	6.67	1.60	1.22	4.00	1.22	9.10		
16	*Mallotus nudiflorus*	210	100	8.33	42.00	31.9	105.00	31.9	72.16		
17	*Mallotus philippensis*	18	60	5.00	3.60	2.74	9.00	2.74	10.47		
18	*Neolamarckia cadamba*	15	20	1.67	3.00	2.28	7.50	2.28	6.23		
19	*Oroxylum indicum*	3	60	5.00	0.60	0.46	1.50	0.46	5.91		
20	*Premna bengalensis*	10	40	3.33	2.00	1.52	5.00	1.52	6.37		
21	*Stereospermum tetragonum*	4	40	3.33	0.80	0.61	2.00	0.61	4.55		
22	*Syzygium cumini*	1	20	1.67	0.20	0.15	0.50	0.15	1.97		
23	*Terminalia bellirica*	1	20	1.67	0.20	0.15	0.50	0.15	1.97		
24	*Terminalia myriocarpa*	10	60	5.00	2.00	1.52	5.00	1.52	8.04		
25	*Xylia xylocarpa*	3	20	1.67	0.60	0.46	1.50	0.46	2.58		

a. Tree Species:

Of all the 10 permanent plots in North Bengal Plains taken up for this study this permanent plot at Titi had the least number of 658 trees. The number of species of trees was also the lowest in this permanent plot comprising of only of 25 tree species.

The dominant species were *Mallotus nudiflorus* (IVI = 72.16) followed by *Dysoxylum binectarifolium* (IVI = 47.55), *Callicarpa arborea* (IVI = 30.22), *Lagerstroemia speciosa* (IVI = 25.96), *Amoora wallichii* (IVI = 19.89), *Bombax ceiba* (IVI = 15.32) and *Mallotus philippensis* (IVI = 10.47).

Mallotus nudiflorus recorded the maximum number of 210 trees followed by *Dysoxylum binectarifolium* with 140 trees. The other dominant species were *Callicarpa arborea* with 72 trees, *Lagerstroemia speciosa with* 58 trees and *Amoora wallichii* with 49 trees.

All the subplots sustained similar tree species diversity ranging from 11 to 14.

With highest frequency (100%) *Bombax ceiba, Callicarpa arborea, Lagerstroemia speciosa* and *Mallotus nudiflorus* were found in all the subplots.

Albizia procera, Bischofia javanica, Cordia myxa, Ficus carica, Ficus religiosa, Flacourtia jangomas, Neolamarckia cadamba, Syzygium cumini, Terminalia bellirica and *Xylia xylocarpa* having lowest frequency (20%), were found to exist in only single subplot.

In fact trees like *Bischofia javanica, Ficus carica, Ficus religiosa, Syzygium cumini* and *Terminalia bellirica* were documented with only a single individual tree in the plot wherever they occurred.

The Simpson's Diversity Index (0.83) and Shannon's Diversity Index (2.17) indicated moderate tree species richness and evenness. Simpson's Diversity index also explains that there is 83% chance that 2 individuals selected at random from this plot would be from different tree species.

Bombax ceiba was recorded as the tallest tree with a height of 68.67 m and a maximum GBH of 223.52 cm (subplot-9) and *Amoora wallichii* was recorded as the shortest tree with a height of 6.71 m and GBH of 38.10 cm (subplot-7).

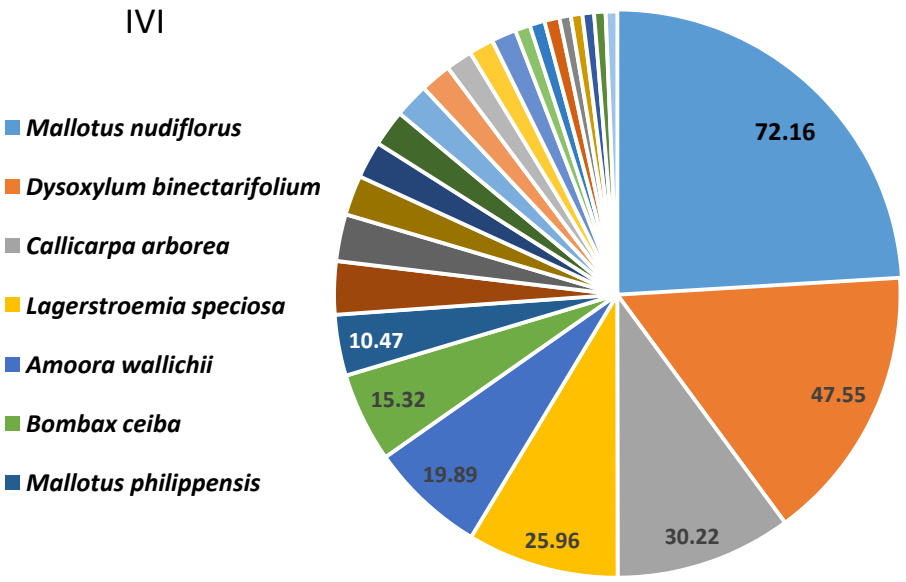


Figure 178: IVI Values of Dominant Tree Species in Titi

Table 334: Average Height and GBH data of all the subplots in Titi

Sl. No.	Scientific Name	SP 1		SP 2		SP 7		SP 9		SP 10	
		Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)	Avg Height (m)	Avg GBH (cm)
1	*Acacia catechu*			47.85	116.84					22.71	123.19
2	*Albizia procera*					40.34	216.75				
3	*Alstonia scholaris*	15.54	90.17					24.99	81.28		
4	*Amoora wallichii*			17.16	53.70	6.71	38.10	28.23	70.19		
5	*Bischofia javanica*	11.58	91.44								
6	*Bombax ceiba*	38.86	488.95	66.37	191.77	48.01	552.45	68.67	223.52	38.48	385.45
7	*Callicarpa arborea*	15.28	103.82	23.02	100.25	18.76	121.83	31.86	111.76	21.46	189.99
8	*Cordia myxa*			27.18	115.36						
9	*Dysoxylum binectariferum*	12.80	73.66			13.26	68.58			14.82	73.21
10	*Ficus carica*			59.74	142.24						
11	*Ficus religiosa*	32.00	233.68								
12	*Flacourtia jangomas*	17.58	113.45								
13	*Lagerstroemia parviflora*					35.05	233.68	48.46	218.44	33.53	214.00
14	*Lagerstroemia speciosa*	10.27	54.78	28.22	94.71	9.55	38.52	30.68	93.44	18.90	88.90
15	*Lannea coromandelica*	22.66	155.79	47.55	170.18	20.22	134.62			19.20	60.96
16	*Mallotus nudiflorus*	8.55	46.55	31.60	94.51	12.49	60.64	35.23	81.13	14.38	75.14
17	*Mallotus philippensis*	9.75	66.04			17.55	149.86			20.42	118.36
18	*Neolamarckia cadamba*			36.88	117.69						
19	*Oroxylum indicum*					23.16	121.92	47.55	119.38	23.16	106.68
20	*Premna bengalensis*			27.98	109.22			43.89	113.28		
21	*Stereospermum tetragonum*			33.12	152.40			38.71	142.24		
22	*Syzygium cumini*							45.11	170.18		
23	*Terminalia bellirica*	19.81	121.92								
24	*Terminalia myriocarpa*			38.97	106.32			47.85	177.80	18.75	116.84
25	*Xylia xylocarpa*			28.24	98.21						

Table 335: Documentation of Shrub species (including tree saplings) in all the Subplots in Titi

Sl. No.	Shrub Species	Common name	Sp2	Sp1	Sp10	Sp9	Sp7	Total
1	*Ageratum conyzoides*		316	244	117	0	167	**844**
2	*Clerodendrum viscosum*	Bhant	374	571	235	242	128	**1550**
3	*Coffea benghalensis*	Chhagolneri	0	44	68	90	0	**202**
4	*Lantana camara*	Putush	51	49	0	113	48	**261**
5	*Murraya koenigii*	Karipata	61	0	28	28	34	**151**
6	*Phyla nodiflora*		0	4	0	0	19	**23**
Total			**802**	**912**	**448**	**473**	**396**	**3031**

Table 336: Statistical analysis of all the Shrub Species (including tree saplings) in Titi

Sl. No.	Shrub Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ageratum conyzoides*	844	80	18.18	675.20	27.8	211.00	30.02	76.05	**0.65**	**1.28**
2	*Clerodendrum viscosum*	1550	100	22.73	1240.00	51.1	310.00	44.11	117.97		
3	*Coffea benghalensis*	202	60	13.64	161.60	6.66	67.33	9.58	29.88		
4	*Lantana camara*	261	80	18.18	208.80	8.61	65.25	9.28	36.08		
5	*Murraya koenigii*	151	80	18.18	120.80	4.98	37.75	5.37	28.53		
6	*Phyla nodiflora*	23	40	9.09	18.40	0.76	11.50	1.64	11.49		

b. Shrub Species:

A total number of 3031 individuals belonging to 6 species of shrubs were documented from this permanent plot. The vegetation was dominated by *Clerodendrum viscosum* (IVI = 117.97) and *Ageratum conyzoides* (IVI = 76.05). Maximum numbers of individuals were contributed by *Clerodendrum viscosum* (1550) and *Ageratum conyzoides* (844).

Clerodendrum viscosum was found to exist with highest frequency (100%) and found in all the subplots. Rest 5 species were found to exist with 40% to 80% frequency. *Phyla nodiflora* contributed the ground vegetation least with 23 individuals.

The Simpson's Diversity index (0.65) and Shannon's Diversity Index (1.28) indicated that the plot is moderately diverse with moderate richness and evenness of shrub species. Simpson's Diversity index also explains that there is 65% chance that 2 individuals selected at random from this plot would be from different shrub species.

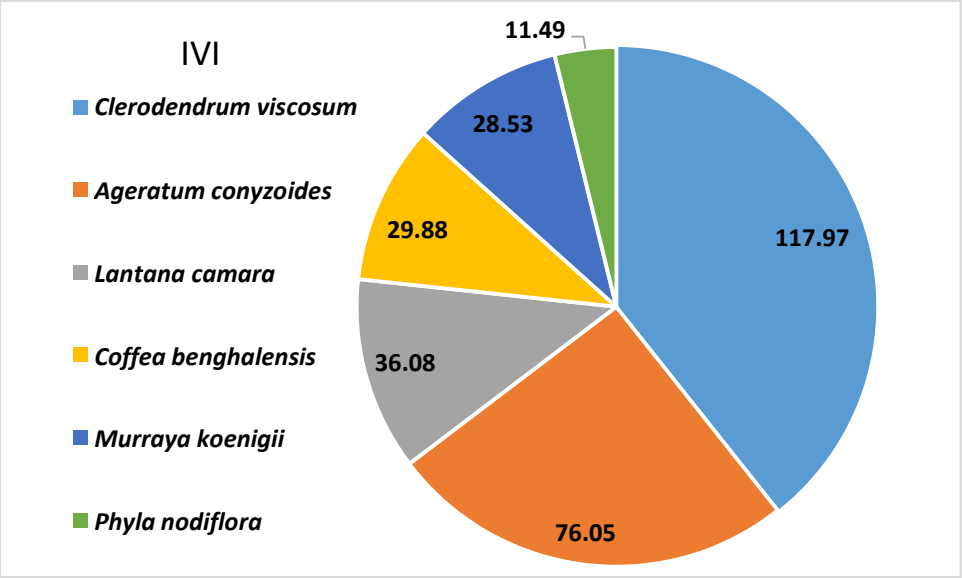


Figure 179: IVI Values of Dominant Shrubs (including tree saplings) in Titi

Table 337: Documentation of Liana species in all the Subplots in Titi

Sl. No.	Liana Species	Common name	Sp2	Sp1	Sp10	Sp9	Sp7	Total
1	*Ampelocissus latifolia*		0	0	0	81	0	**81**
2	*Hemidesmus indicus*	Anantamul	99	0	0	0	69	**168**
3	*Tinospora sinensis*		98	16	0	0	0	**114**
Total			**197**	**16**	**0**	**81**	**69**	**363**

Table 338: Statistical analysis of all the Liana species in Titi

Sl. No.	Liana Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Ampelocissus latifolia*	81	20	20	64.80	22.31	81	36.49	78.80	**0.64**	**1.05**
2	*Hemidesmus indicus*	168	40	40	134.40	46.28	84	37.84	124.12		
3	*Tinospora sinensis*	114	40	40	91.20	31.40	57	25.68	97.08		

c. Liana Species:

Only 363 individuals under 3 liana species were documented from this permanent plot. The vegetation was dominated by *Hemidesmus indicus* (IVI = 124.12). Maximum number of individuals was also contributed by *Hemidesmus indicus* (168).

All the liana species were found to have low frequency (20% - 40%) and documented from single subplot or two. Subplot 10 was devoid of any liana species.

The Simpson's Diversity index (0.64) and Shannon's Diversity Index (0.1.05) indicated that the plot sustained very moderate diversity with low richness and evenness of liana species. Simpson's Diversity index also explains that there is 64% chance that 2 individuals among lianas selected at random from this plot would be from different liana species.

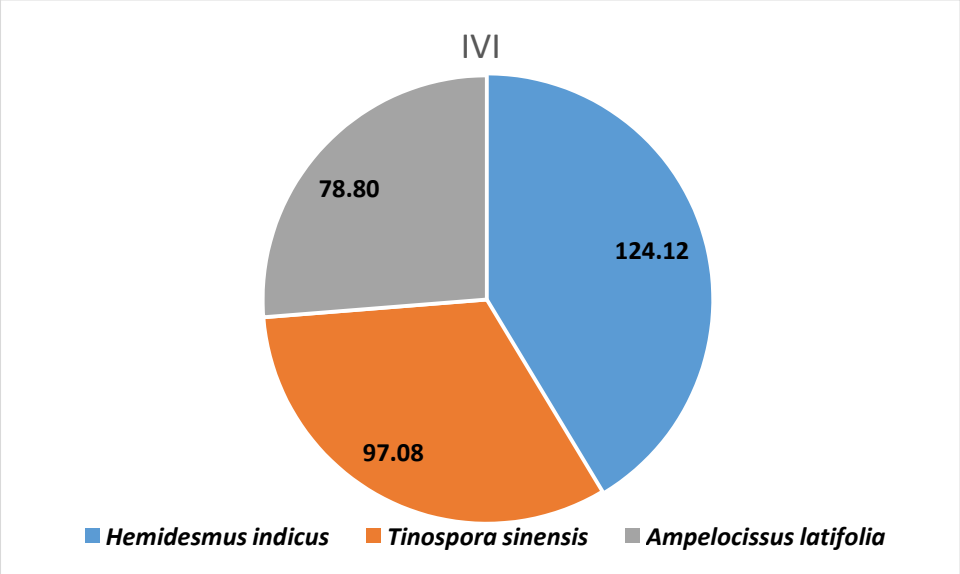


Figure 180: IVI Values of Dominant Woody climber Species in Titi

Table 339: Documentation of all Herb species in all the nested Subplots in Titi

Sl. No.	Herb Species	Common name	Sp2	Sp1	Sp10	Sp9	Sp7	Total
1	*Colocasia esculenta*	Kochu	26	26	0	290	0	**342**
2	*Cymbopogon pendulus*	Chorkanta	0	0	0	0	76	**76**
3	*Cynodon dactylon*		0	0	394	113	0	**507**
4	*Desmodium motorium*		22	0	0	0	0	**22**
5	*Diplazium esculentum*	Dhekia	604	217	584	314	0	**1719**
6	*Dryopteris sikkimensis*	Jongli Dhekia	535	0	553	317	547	**1952**
7	*Houttuynia cordata*		0	0	0	0	23	**23**
8	*Imperata cylindrica*		0	0	24	103	0	**127**
9	*Ipomoea pes-tigridis*		0	24	0	0	0	**24**
10	*Oxalis corniculata*	Amrul	215	0	0	0	61	**276**
11	*Oxalis debilis*	Beguni Amrul	296	0	0	0	397	**693**
12	*Persicaria chinensis*		0	128	74	49	0	**251**
13	*Polystichum lentum*		74	0	0	0	99	**173**
14	*Potentilla indica*	Jongli Strawberry	586	759	0	0	0	**1345**
15	*Pteris longifolia*		0	0	189	228	385	**802**
16	*Rottboellia cochinchinensis*	Gaighash	0	314	209	241	136	**900**
17	*Rungia pectinata*		82	0	38	40	54	**214**
18	*Urena lobata*		36	0	0	0	0	**36**
19	*Urtica dioica*	Chulkani pata	0	0	0	0	130	**130**
Total			**2476**	**1468**	**2065**	**1695**	**1908**	**9612**

Table 340: Statistical analysis of all the Herb Species in Titi

Sl. No.	Herb Species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Colocasia esculenta*	342	60	6.98	6840	3.56	114.00	3.23	13.76	**0.88**	**2.37**
2	*Cymbopogon pendulus*	76	20	2.33	1520	0.79	76.00	2.15	5.27		
3	*Cynodon dactylon*	507	40	4.65	10140	5.27	253.50	7.18	17.10		
4	*Desmodium motorium*	22	20	2.33	440	0.23	22.00	0.62	3.18		
5	*Diplazium esculentum*	1719	80	9.30	34380	17.88	429.75	12.16	39.35		
6	*Dryopteris sikkimensis*	1952	80	9.30	39040	20.31	488.00	13.81	43.42		
7	*Houttuynia cordata*	23	20	2.33	460	0.24	23.00	0.65	3.22		
8	*Imperata cylindrica*	127	40	4.65	2540	1.32	63.50	1.80	7.77		
9	*Ipomoea pes-tigridis*	24	20	2.33	480	0.25	24.00	0.68	3.25		
10	*Oxalis corniculata*	276	40	4.65	5520	2.87	138.00	3.91	11.43		
11	*Oxalis debilis*	693	40	4.65	13860	7.21	346.50	9.81	21.67		
12	*Persicaria chinensis*	251	60	6.98	5020	2.61	83.67	2.37	11.96		
13	*Polystichum lentum*	173	40	4.65	3460	1.80	86.50	2.45	8.90		
14	*Potentilla indica*	1345	40	4.65	26900	13.99	672.50	19.04	37.68		
15	*Pteris longifolia*	802	60	6.98	16040	8.34	267.33	7.57	22.89		
16	*Rottboellia cochinchinensis*	900	80	9.30	18000	9.36	225.00	6.37	25.03		
17	*Rungia pectinata*	214	80	9.30	4280	2.23	53.50	1.51	13.04		
18	*Urena lobata*	36	20	2.33	720	0.37	36.00	1.02	3.72		
19	*Urtica dioica*	130	20	2.33	2600	1.35	130.00	3.68	7.36		

d. Herb Species:

A total number of 9612 individuals belonging to 19 herbaceous species were documented from this permanent plot. The vegetation was co-dominated by *Dryopteris sikkimensis* (IVI = 43.42), *Diplazium esculentum* (IVI = 39.35), *Potentilla indica* (IVI = 37.68), *Rottboellia cochinchinensis* (IVI = 25.03), *Pteris longifolia* (IVI = 22.89) and *Oxalis debilis* (IVI = 21.67). Maximum number of individuals was contributed by *Dryopteris sikkimensis* (1952), *Diplazium esculentum* (1719) and *Potentilla indica* (1345).

None of the herbaceous species existed in the plot with maximum frequency (100%). With highest frequency (80%) *Diplazium esculentum, Dryopteris sikkimensis, Rottboellia cochinchinensis* and *Rungia pectinata* were found in 4 subplots. *Cymbopogon pendulus, Desmodium motorium, Houttuynia cordata, Ipomoea pes-tigridis, Urena lobata* and *Urtica dioica* were found to have least frequency (20%) and documented only from single subplot. *Desmodium motorium, Houttuynia cordata* and *Ipomoea pes-tigridis* contributed the vegetation least with 22, 23 and 24 individuals respectively.

The Simpson's Diversity index (0.88) and Shannon's Diversity Index (2.37) of herbaceous species indicated that the plot is highly diverse with moderate richness and evenness. Simpson's Diversity index also explains that there is 88% chance that 2 individuals selected at random from this plot would be from different herb species.

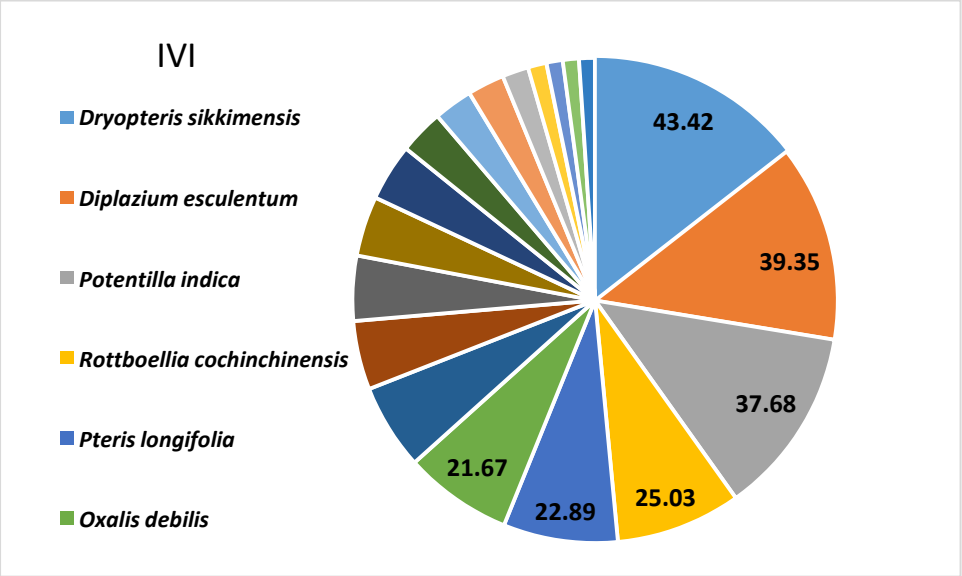


Figure 181: IVI Values of Dominant Herb Species in Titi

Table 341: Documentation of all Scrambler, creeper and twiner species in all the nested Subplots in Titi

Sl. No.	Scrambler, creeper and twiner species	Common name	Sp2	Sp1	Sp10	Sp9	Sp7	Total
1	*Asparagus racemosus*	Satamuli	0	0	53	0	0	**53**
2	*Coccinia cordifolia*	Telakucha	0	0	0	4	0	**4**
3	*Mikania micrantha*	Assamlata	0	65	0	0	88	**153**
4	*Piper betle*	Paan	189	171	0	96	104	**560**
Total			**189**	**236**	**53**	**100**	**192**	**770**

Table 342: Statistical analysis of all the Scrambler, creeper and twiner species in Titi

Sl. No.	Scrambler, creeper and twiner species	Total	F%	RF%	D/Ha.	RD%	A	RA%	IVI	SDI	H
1	*Asparagus racemosus*	53	20	12.50	1060	6.88	53.00	19.38	38.76	**0.43**	**0.76**
2	*Coccinia cordifolia*	4	20	12.50	80	0.52	4.00	1.46	14.48		
3	*Mikania micrantha*	153	40	25.00	3060	19.87	76.50	27.97	72.84		
4	*Piper betle*	560	80	50.00	11200	72.73	140.00	51.19	173.92		

e. Scrambler, creeper and twiner species:

A total number of 770 individuals under 4 climber species were documented from this permanent plot. The vegetation was dominated by *Piper betle* (IVI = 173.92) followed by *Mikania micrantha* (IVI = 72.84). Maximum number of individuals was also contributed by *Piper betle* (560).

None of the climber species existed in the plot with maximum frequency (100%). With maximum frequency (80%) *Piper betle* was found in 4 subplots. *Asparagus racemosus* and *Coccinia cordifolia,* with lowest frequency (20%) was documented from single subplot. *Coccinia cordifolia* contributed the vegetation with only 4 individuals.

The Simpson's Diversity index (0.43) and Shannon's Diversity Index (0.76) indicated much less diversity with low richness and evenness of climber species. Simpson's Diversity index also explains that there is 43% chance that 2 individuals selected at random from this plot would be from different climber species.

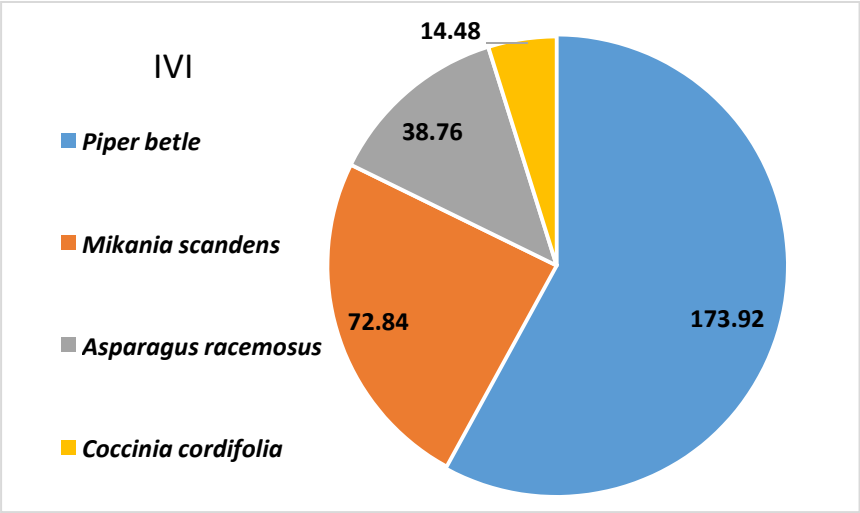


Figure 182: IVI Values of Dominant Scrambler, creeper and twiner species in Titi

6.10.4. Inventory of associated bird species

17 species of birds were documented in the selected subplots including some IUCN red listed species like Alexandrine Parakeet (NT) and Lesser adjutant (VU). All the species were tabulated subplot wise with individual numbers and tagged by GPS along with their habitat (Annexure 3).

Table 343: All Bird species documented Subplot wise in Titi

Sl no.	Common name	Scientific name	IUCN Status	Sighted
1	Alexandrine Parakeet	*Psittacula eupatria*	NT	Subplot 3, Adjacent to subplot 7
2	Black Crested Bulbul	*Pycnonotus flaviventris*	LC	Subplot 9
3	Black Hooded Oriole	*Oriolus xanthornus*	LC	Subplots 9, 10
4	Chestnut tailed starling	*Sturnia malabarica*	LC	Adjacent to subplot 7
5	Common Hill Mayna	*Gracula religiosa*	LC	Subplot 1
6	Greater racket tailed drongo	*Dicrurus paradiseus*	LC	Subplot 7
7	Green Imperial Pigeon	*Ducula aenea*	LC	Subplot 1
8	Indian Peafowl	*Pavo cristatus*	LC	Adjacent to subplot 10
9	Jungle Babler	*Turdoides striata*	LC	Subplot 5
10	Lesser adjutant	*Leptoptilos javanicus*	VU	Adjacent to subplot 10
11	Lesser Yellownape Woodpecker	*Picus chlorolophus*	LC	Subplot 10
12	Lineated Barbet	*Megalaima lineata*	LC	Subplots 1, 10
13	Oriental honey buzzard	*Pernis ptilorhynchus*	LC	Adjacent to subplot 9
14	Oriental Pied HornBill	*Anthracoceros albirostris*	LC	Adjacent to subplot 10
15	Red Jungle fowl	*Gallus gallus*	LC	Between subplot 9 and 10
16	Red Whiskered Bulbul	*Pycnonotus jocosus*	LC	Subplot 7
17	Spangled Drongo	*Dicrurus bracteatus*	LC	Subplot 3

7. Discussion

a. Tree Species:

Table 344: **Checklist of tree species of all the studied permanent plots of North Bengal Plains**

SL NO	SCIENTIFIC NAMES	FAMILY	VERNACULAR NAME	IUCN STATUS
1	*Acacia catechu*	Fabaceae	Khayer	NE
2	*Acer oblongum*	Sapindaceae	Hookka/Phirfire	CR
3	*Actinodaphne obovata*	Lauraceae	Mondola/Runche	NE
4	*Adina cordifolia*	Rubiaceae	Korom/ Holdu	NE
5	*Ailanthus integrifolia*	Simaroubaceae	Gokul/ Gokul Lali	LC
6	*Albizia chinensis*	Fabaceae	Sirish	NE
7	*Albizia lucidor*	Fabaceae	Potka Sirish	NE
8	*Albizia procera*	Fabaceae	Sada Sirish/Swet Sirish	LC
9	*Albizzia lebbec*	Fabaceae	Kala Sirish	LC
10	*Alstonia scholaris*	Apocynaceae	Chatiyan/Chatim	LC
11	*Amoora rohituka* **SYN** *Aphanamixis polystachya*	Meliaceae	Lasooni Lali/Rosuni Lali	LC
12	*Amoora wallichii* **SYN** *Aglaia spectabilis*	Meliaceae	Doodh Lali/ Lali/ Aare Lali/ Gota Lali/ Boro Lali	LC
13	*Andromeda elliptica*	Ericaceae	Angeri	NE
14	*Antidesma acidum*	Phyllanthaceae	Archal	LC
15	*Artocarpus chaplasha* **SYN** *Artocarpus chama*	Moraceae	Later/Lator	NE
16	*Artocarpus lacucha*	Moraceae	Bon Kathal	NE
17	*Azadirachta indica*	Meliaceae	Neem	LC
18	*Baccaurea ramiflora*	Phyllanthaceae	Notko/Lotka/Kusum	LC
19	*Balakata baccata*	Euphorbiaceae	Akhataru/Akhataruwa	LC
20	*Bauhinia malabarica*	Caesalpiniaceae	Karmai / Sada Karmai	LC
21	*Bischofia javanica*	Phyllanthaceae	Kainjal	LC
22	*Bombax ceiba*	Malvaceae	Simul	LC
23	*Bridelia retusa*	Phyllanthaceae	Kosai/ Gayo	LC
24	*Callicarpa arborea*	Lamiaceae	Bogdo/Gogdo/Goylo/Khodo	NE
25	*Careya arborea*	Lecythidaceae	Kumbhi	NE
26	*Casearia glomerata*	Salicaceae	Bandarkhaja	LC
27	*Casearia vareca*	Salicaceae	Sada Lali	NE
28	*Cassia fistula*	Fabaceae	Sonalu/ Bandarlathi	LC
29	*Castanopsis hystrix*	Fagaceae	Katus	NE
30	*Castanopsis indica*	Fagaceae	Kala Katus/Dhalney Katus	LC
31	*Castanopsis tribuloides*	Fagaceae	Masure Katus	NE
32	*Celtis tetrandra*	Ulmaceae	Kari/Kuri	LC
33	*Cephalanthus tetrandra*	Rubiaceae	Kali Kath	LC
34	*Chisocheton cumingianus*	Meliaceae	Fala Lali / Hara Lali/ Fata Lali	LC
35	*Chukrasia tabularis*	Meliaceae	Chikrasi/ Chekrasi	LC
36	*Cinnamomum bejolghota*	Lauraceae	Jungli Tejpata	LC
37	*Cinnamomum glaucescens*	Lauraceae	Malagiri	NE

38	*Cinnamomum tamala*	Lauraceae	Tejpat	LC
39	*Citrus indica*	Rutaceae	Ramsantala/ Junglee Komola	NE
40	*Cordia myxa*	Boraginaceae	Bodher	NE
41	*Dillenia indica*	Dilleniaceae	Chalta /Paachpholia/ Pachkol	LC
42	*Dillenia pentagyna*	Dilleniaceae	Tatari/Ray/Oxy/Bon Chalta	NE
43	*Dipterocarpus retusus*	Dipterocarpaceae	Holong	EN
44	*Duabanga grandiflora*	Lythraceae	Lampate	LC
45	*Dysoxylum binectarifolium*	Meliaceae	Lahasune/ Rasune	NE
46	*Dysoxylum procerum*	Meliaceae	Lahasune/Assam Lali	NE
47	*Elaeocarpus angustifolius*	Elaeocarpaceae	Rudraksha	LC
48	*Elaeocarpus aristatus*	Elaeocarpaceae	Dalchiurey	NE
49	*Elaeocarpus serratus*	Elaeocarpaceae	Jalpai	NE
50	*Elaeocarpus varuna*	Elaeocarpaceae	Bhadrase/ Lalpatey / Jungli Jalpai	NE
51	*Engelhardtia spicata*	Juglandaceae	Mahua	LC
52	*Ehretia wallichiana*	Boraginaceae	Bohori	NE
53	*Erythrina stricta*	Fabaceae	Madar	NE
54	*Eurya acuminata*	Pentaphylacaceae	Jhingney Katus/ Jhinjhini	NE
55	*Evodia fraxinifolia*	Rutaceae	Khanakpa	NE
56	*Ficus benghalensis*	Moraceae	Bot	NE
57	*Ficus carica*	Moraceae	Dumber	LC
58	*Ficus elastica*	Moraceae	Rubber	NE
59	*Ficus geniculata*	Moraceae	Futkol	NE
60	*Ficus nervosa*	Moraceae	Bagnal	LC
61	*Ficus racemosa*	Moraceae	Dumur	LC
62	*Ficus religiosa*	Moraceae	Pipal	NE
63	*Ficus semicordata*	Moraceae	Khasre/Kukath	LC
64	*Firmiana colorata*	Sterculiaceae	Phirphirey	NE
65	*Flacourtia jangomas*	Salicaceae	Pynal	NE
66	*Garuga pinnata*	Burseraceae	Dabdabey	NE
67	*Gmelina arborea*	Lamiaceae	Gamar/Gamari/Gambhir/Gamarchika	LC
68	*Gynocardia odorata*	Achariaceae	Gante	NE
69	*Holarrhena pubescens*	Apocynaceae	Kurchi/ Khirra	LC
70	*Ilex godajam*	Aquifoliaceae	Hatisura	LC
71	*Knema erratica*	Myristicaceae	Ramgua	NE
72	*Lagerstroemia parviflora*	Lythraceae	Sidha/ Baaje	NE
73	*Lagerstroemia speciosa*	Lythraceae	Jarul	NE
74	*Lannea coromandelica*	Anacardiaceae	Jiga / Jeol/ Jiya	LC
75	*Lasiococca symphyllifolia*	Euphorbiaceae	Jhakri/ Jhakrikath	NE
76	*Litsea glutinosa*	Lauraceae	Chimni/Dhada Kawla/Lyada/ Bokey	LC
77	*Litsea lancifolia*	Lauraceae	Mokai	LC
78	*Litsea monopetala*	Lauraceae	Kulkuli / Kutmero/ Kutmiro/ Bon Kathali	LC
79	*Litsea panamanja*	Lauraceae	Choto Kawla / Masuri Kawla	VU
80	*Macaranga denticulata*	Euphorbiaceae	Maleta/Malata	LC
81	*Machilus gamblei*	Lauraceae	Kawla/Ampate/ Ampate Kawla	LC
82	*Machilus glaucescens*	Lauraceae	Khagor/Bhale Kawla/Sada Khador	NE

83	*Magnolia cathcartii*	Magnoliaceae	Teeta Chaap	LC
84	*Magnolia champaca*	Magnoliaceae	Chaamp	LC
85	*Mallotus nudiflorus*	Euphorbiaceae	Pithali/Laddu / Goypokhna	LC
86	*Mallotus philippensis*	Euphorbiaceae	Sindoori/Sindure/Sindoor/Githi	LC
87	*Meliosma simplicifolia*	Sabiaceae	Patpatey	NE
88	*Michelia excelsa*	Magnoliaceae	Rani Chaap	DD
89	*Monoon simiarum*	Annonaceae	Laapche / Laapshi/ Khuti Kath / Chorok Chapa/ Sada Lapche	NE
90	*Morinda angustifolia*	Rubiaceae	Halde Kath/Koriphool	NE
91	*Morus indica*	Moraceae	Toonth/ Tunt	NE
92	*Mussaenda roxburghii*	Rubiaceae	Dhobi	NE
93	*Myrsine semiserrata*	Myrsinaceae	Phalame	LC
94	*Neolamarckia cadamba*	Rubiaceae	Kadam	NE
95	*Oroxylum indicum*	Bignoniaceae	Totola	NE
96	*Phoebe hainesiana*	Lauraceae	Angare	NE
97	*Phyllanthus emblica*	Phyllanthaceae	Amloki	LC
98	*Piliostigma malabaricum*	Fabaceae	Kanchan	NE
99	*Polyalthia simiarum*	Annonaceae	Bhutia Lapche	NE
100	*Pongamia pinnata*	Fabaceae	Koronj	LC
101	*Premna bengalensis*	Lamiaceae	Gidari/Gindari/Gandhali/ Ginari/Gidraj/Dhouli	NE
102	*Pterospermum acerifolium*	Malvaceae	Hatipyla/Hatipaila/Hatipile	LC
103	*Pterygota alata*	Malvaceae	Narkeli	NE
104	*Pyrus communis*	Rosaceae	Naspati	LC
105	*Quercus lanceaefolia*	Fagaceae	Patley Katoos	NE
106	*Randia dumetorum*	Rubiaceae	Mowkata	NE
107	*Randia longispina*	Rubiaceae	Moyna Kanta	NE
108	*Rhus chinensis*	Anacardiaceae	Pandey / Bhelua	LC
109	*Schima wallichii*	Theaceae	Chilauney/ Chilauney	LC
110	*Senna siamea*	Fabaceae	Minjiri	LC
111	*Shorea robusta*	Dipterocarpaceae	Sal	LC
112	*Sloanea sterculiacea*	Elaeocarpaceae	Kadam Katus/Bhaisi Katus/Gobrey Katus/Gol/Sada Katus/Ful Katus	NE
113	*Sterculia lanceifolia*	Malvaceae	Bakain/Bakane/Sada Bakain	NE
114	*Sterculia villosa*	Malvaceae	Udla / Odal	NE
115	*Stereospermum tetragonum*	Bignoniaceae	Parari	NE
116	*Symplocos theifolia*	Symplocaceae	Kharane	NE
117	*Syzygium cumini*	Myrtaceae	Jamun/Khude Jam/Kalo Jam/Jam/Lal Jamun	LC
118	*Syzygium formosum*	Myrtaceae	Jamuna	NE
119	*Syzygium jambolanum*	Myrtaceae	Goda Jam/Kada Jam/Loha Jam/Maina Jamun/Sada Jamun/Golap Jam/Sada Jam/ Choto Jam/Pani Jam/Kancha Jam	LC
120	*Syzygium kurzii*	Myrtaceae	Jongli Jam	NE
121	*Syzygium operculatum*	Myrtaceae	Kath Jam	NE
122	*Tamarindus indica*	Fabaceae	Tetul	LC
123	*Tectona grandis*	Lamiaceae	Teak/ Segun	NE
124	*Terminalia arjuna*	Combretaceae	Arjun	NE
125	*Terminalia bellirica*	Combretaceae	Bohera/Bhaola	NE

126	*Terminalia chebula*	Combretaceae	Horitoki/Harra	LC
127	*Terminalia crenulata*	Combretaceae	Pakasal/Akasaj	NE
128	*Terminalia myriocarpa*	Combretaceae	Panisal/Panisaj	NE
129	*Tetrameles nudiflora*	Tetramelaceae	Moyna/Sada Moyna	LC
130	*Toona hexandra*	Meliaceae	Toon/Tuni	LC
131	*Trema tomentosa*	Cannabaceae	Sada Gigni	LC
132	*Turpinia pomifera*	Aceraceae	Thali	LC
133	*Uvaria hamiltonii*	Annonaceae	Tilbiriyo/Chilberio	NE
134	*Vitex heterophylla*	Lamiaceae	Panchpate	NE
135	*Vitex peduncularis*	Lamiaceae	Charai Goura/Charai Garua	LC
136	*Wrightia tomentosa*	Apocynaceae	Doodhia	NE
137	*Xylia xylocarpa*	Fabaceae	Loha Kath	LC
138	*Zanthoxylum armatum*	Rutaceae	Timbur	LC
139	*Zanthoxylum budrunga*	Rutaceae	Timbur	LC
140	*Unidentified**		Laipanji	

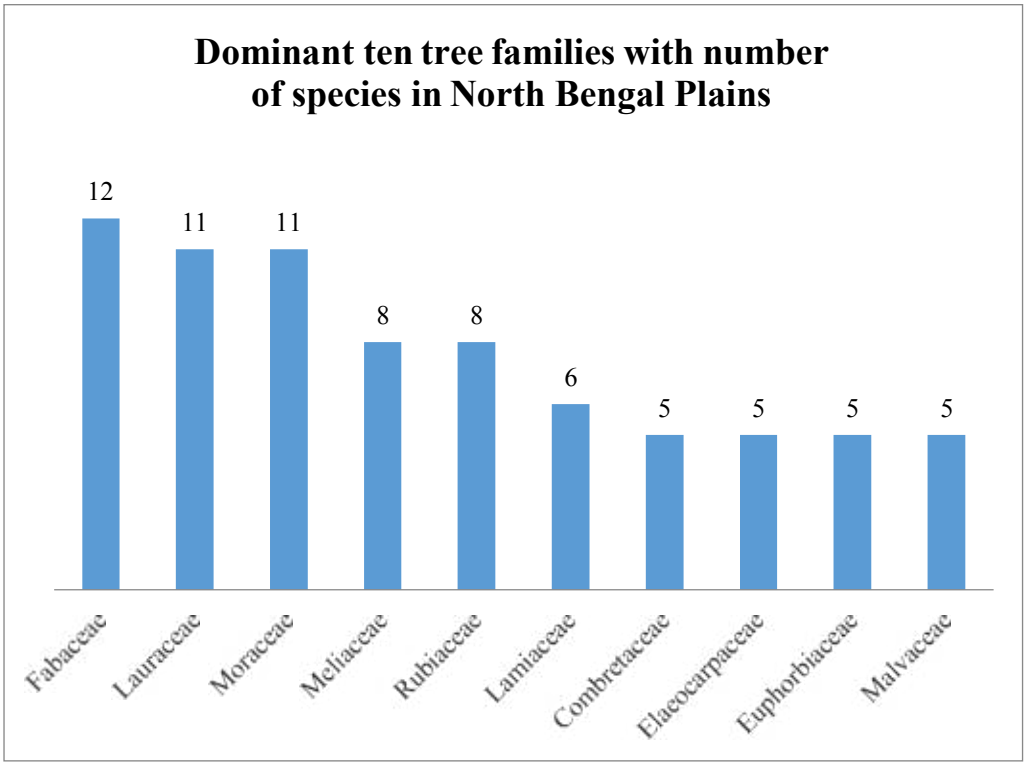


Figure 183: Dominant ten families with number of tree species documented in North Bengal Plain Plots

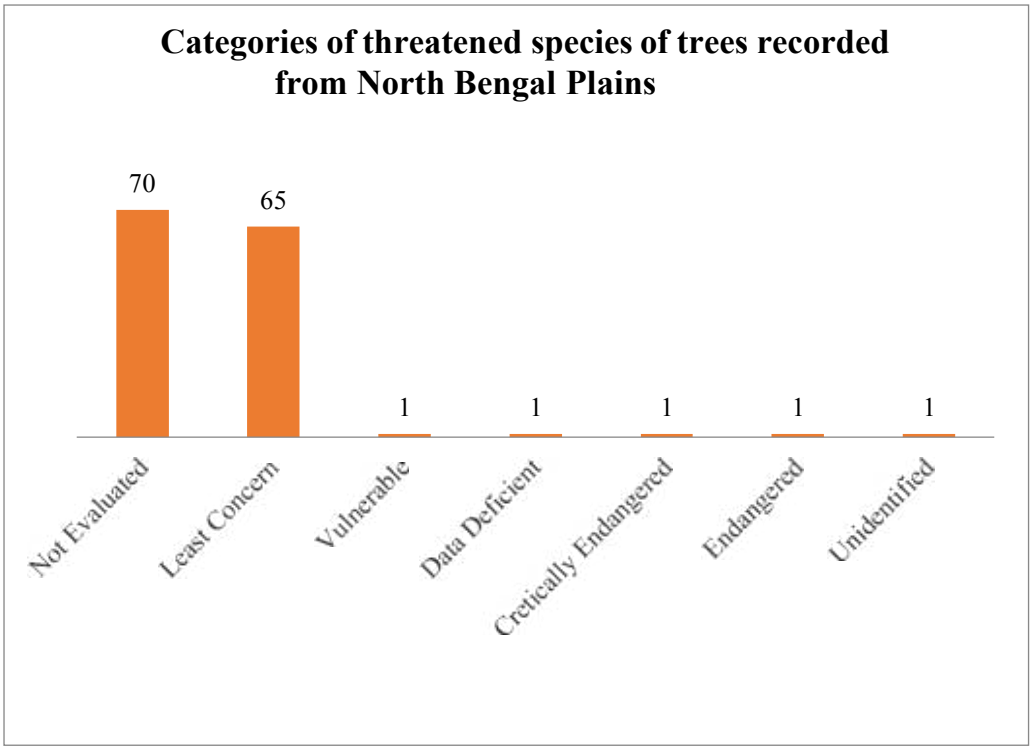


Figure 184: Categories of Threatened species of trees recorded in North Bengal Plain Plots

Table 345: Comparative tree species Diversity among all 10 permanent plots of North Bengal Plains

Sl. No.	Permanent Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status	Total Species	Total Individuals	Dominant Tree species
1	NRVK	0.94	3.37	High	75	1328	*Monoon simiarum*
2	Cheko	0.95	3.46	High	70	1437	*Lagerstroemia speciosa*
3	Sursuti	0.96	3.54	High	61	1478	*Wrightia tomentosa*
4	South Indong	0.94	3.28	High	58	1249	*Piliostigma malabaricum*
5	Barahati	0.96	3.41	High	55	1193	*Wrightia tomentosa*
6	Sealdoba	0.94	3.21	High	55	1432	*Firmiana colorata*
7	Santalabari	0.86	2.68	High	42	715	*Holarrhena pubescens*
8	Adma	0.84	2.50	High	50	1523	*Monoon simiarum*
9	Mendabari	0.94	3.27	High	50	789	*Sterculia villosa*
10	Titi	0.83	2.17	Moderate	25	658	*Mallotus nudiflorus*

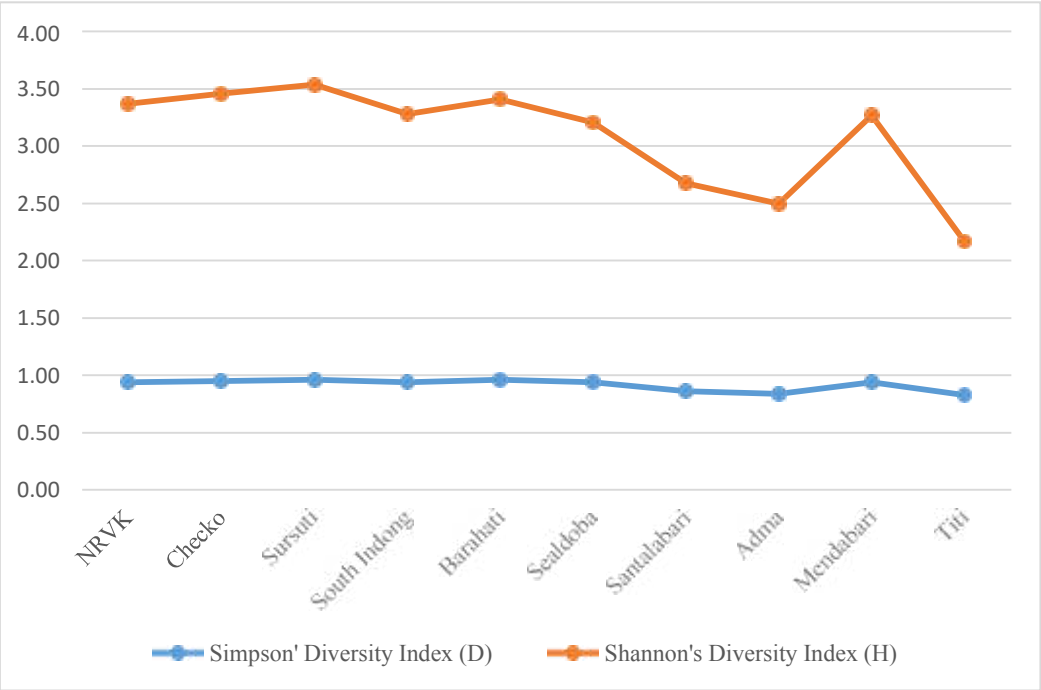


Figure 185: Comparison of tree species richness and various diversity indices

Findings:

A total of 11802 individuals of 140 tree species under 45 families (one unidentified) were recorded from North Bengal Plain permanent plots.

The maximum diversity (75) of tree species found in North Bengal Plains was seen in the permanent plot from NRVK (1328 individuals), followed by 70 species that was documented in Cheko (1437 individuals).

The third highest diversity of 61 species was seen in Susrsuti (1478 individuals). This was followed by South Indong (58 Species & 1249 individuals), Barahati (55 Species & 1193 individuals), Sealdoba (55 Species & 1432 individuals), Adma (50 Species & 1523 individuals), and Mendabari (51 Species & 789 individuals).

Titi was the least diverse of all the 10 plots in North Bengal Plains recording 25 tree species with 658 individuals.

Eight species of trees, *Alstonia scholaris, Amoora wallichii, Callicarpa arborea, Lagerstroemia parviflora, Mallotus nudiflorus, Oroxylum indicum, Syzygium cumini* and *Terminalia bellirica* were found in all the 10 permanent plots in all the locations at North Bengal Plains.

Monoon simiarum dominated in numbers and recorded a maximum of nearly 932 individuals followed by *Holarrhena pubescens* (606 individuals*), Mallotus nudiflorus* (597 individuals), *Amoora rohituka* (511 individuals), *Polyalthia simiarum* (502) and *Schima wallichii* (495 individuals).

The six species that occurred in nine plots were *Dillenia pentagyna* (103 individuals), *Lagerstroemia speciose* (356 individuals), *Machilus gamblei* (175 individuals*), Premna bengalensis* (132 individuals), *Schima wallichii* (495 individuals) and *Sterculia villosa* (198 individuals),

There were 34 instances of tree species which occurred only once in one of the plots in the different locations with individuals varying from 1 to 44.

The most dominating family in the tree-flora was Fabaceae represented by 12 species, followed by Lauraceae (11 spp), Moraceae (11 spp), Meliaceae (8 spp), Rubiaceae (8 spp), Lamiaceae (6 spp) etc.

Acer oblongum and *Dipterocarpus retusus* are noted to be Critically Endangered (CR) and Endangered (EN) respectively of IUCN red list. Other categories of threats include Vulnerable (01 spp), *Least Concern* (65 spp), *Data Deficient* (01 spp) and 70 species of trees were categorized as Not Evaluated. One Species was unidentified so it cannot be categorized.

b. Shrub Species:

Table 346: Checklist of shrub species of all the studied permanent plots of North Bengal Plains

SL. NO.	SCIENTIFIC NAME	VERNACULAR NAME	FAMIY	IUCN STATUS	REMARKS
1	*Abutilon grandifolium*		Malvaceae	NE	
2	*Abutilon indicum*		Malvaceae	NE	
3	*Alsophila gigantea*		Cyatheaceae	NE	Tree fern
4	*Amelanchier ovalis*		Rosaceae	NE	
5	*Asimina triloba*	Dudhia	Annonaceae	LC	
6	*Barleria cristata*	Jhati	Acanthaceae	NE	
7	*Boehmeria macrophylla*	Baghnokh Kata	Urticaceae	NE	
8	*Caesalpinia cucullata*	Kata lota	Fabaceae	NE	
9	*Calamus viminalis*	Bet	Arecaceae	NE	
10	*Calicarpa americana*	Khoskhosi pata	Lamiaceae	NE	
11	*Clematis vitalba*		Ranunculaceae	NE	
12	*Clematis zeylanica*		Ranunculaceae	NE	
13	*Clerodendrum infortunatum*		Lamiaceae	NE	Invasive Species
14	*Clerodendrum viscosum*	Bhant/Ghentu	Lamiaceae	NE	
15	*Coffea benghalensis*	Chhagol leri/Chhagolneri/Koriphool	Rubiaceae	LC	
16	*Colebrookea oppositifolia*	Khoskhosi	Lamiaceae	NE	
17	*Combretum decandrum*		Combretaceae	NE	
18	*Dicliptera brachiata*		Acanthaceae	NE	
19	*Glinus oppositifolius*		Molluginaceae	LC	
20	*Helicteres isora*		Malvaceae	NE	
21	*Hydrangea macrophylla*		Hydrangeaceae	NE	
22	*Jasminum scandens*	Sikto Lorang	Oleaceae	NE	
23	*Jatropha curcas*		Euphorbiaceae	LC	
24	*Justicia adhatoda*		Acanthaceae	NE	
25	*Justicia gendarussa*	Jawgotmadon	Acanthaceae	NE	
26	*Lantana camara*	Putushphool/Putush	Asteraceae	NE	Invasive Species
27	*Laurus nobilis*		Lauraceae	LC	
28	*Leea indica*	Hantu bhanga	Vitaceae	LC	Invasive Species
29	*Licania membranacea*		Chrysobalanaceae	LC	
30	*Lindera benzoin*	Loreng	Lauraceae	LC	

31	*Maianthemum racemosum*		Asparagaceae	NE	
32	*Melastoma malabathricum*	Jatrangi	Melastomataceae	NE	
33	*Mimosa pudica*	Lojjaboti	Fabaceae	LC	Invasive Species
34	*Mimosa quadrivalvis*		Fabaceae	LC	
35	*Mitracarpus hirtus*		Rubiaceae	NE	Tree Sapling
36	*Murraya koenigii*	Karipata	Rutaceae	NE	Shrub/Small tree
37	*Pentas lanceolata*		Rubiaceae	NE	
38	*Petiveria alliacea*		Phytolaccaceae	NE	
39	*Phlogacanthus thyrsiflorus*	Lal Bashok/Kalo Bashok/Ram Bashok	Acanthaceae	NE	
40	*Phyla nodiflora*		Verbenaceae	LC	
41	*Phyllanthus reticulatus*		Euphorbiaceae	LC	
42	*Poecilanthe hostmannii*		Fabaceae	LC	
43	*Psychotria microbotrys*		Rubiaceae	LC	
44	*Psychotria nervosa*		Rubiaceae	LC	
45	*Rauvolfia serpentina*	Shawrpogawndha	Apocynaceae	NE	
46	*Ricinus communis*	Ruri	Euphorbiaceae	NE	
47	*Siparuna guianensis*		Siparunaceae	LC	
48	*Solanum viarum*		Soloanaceae	LC	
49	*Tabernaemontana divaricata*		Apocynaceae	LC	
50	*Toxicodendron radicans*		Anacardiaceae	NE	
51	*Vinca difformis*		Apocynaceae	NE	
52	*Zyzyphus rugosa*	Bair kata	Rhamnaceae	NE	

Table 347: Plot wise Shrub species diversity with individual count of all 10 permanent plots in North Bengal Plains

Permanent Plot	No. of Shrub Species	No. of Shrub individuals
NRVK	8	12242
Cheko	12	6758
Sursuti	10	6755
South Indong	23	2917
Barahati	28	3788
Sealdoba	47	5124
Santalabari	8	4463
Adma	10	6013
Mendabari	8	3555
Titi	6	3031
Total		**54646**

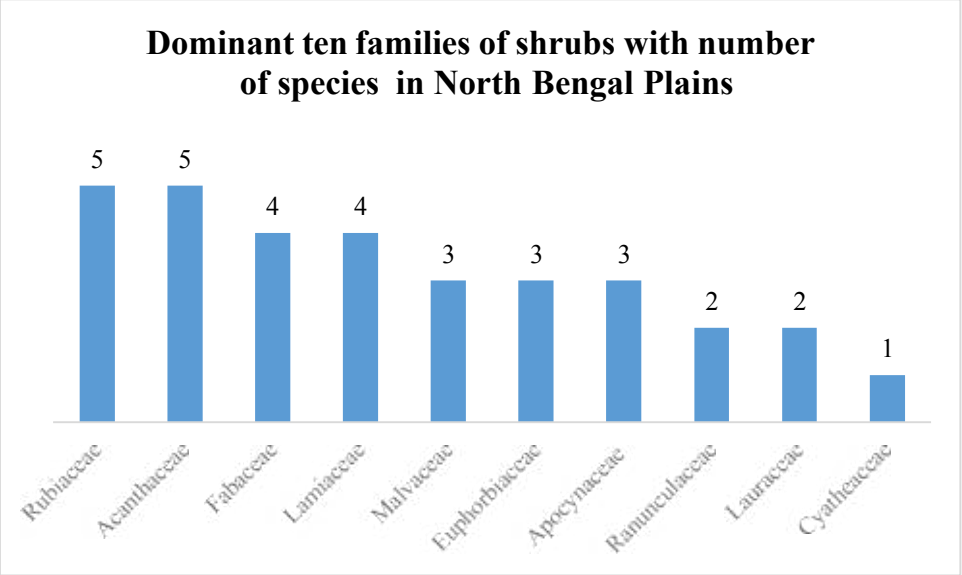


Figure 186: Dominant ten families with number of shrub species documented in North Bengal Plain Plots

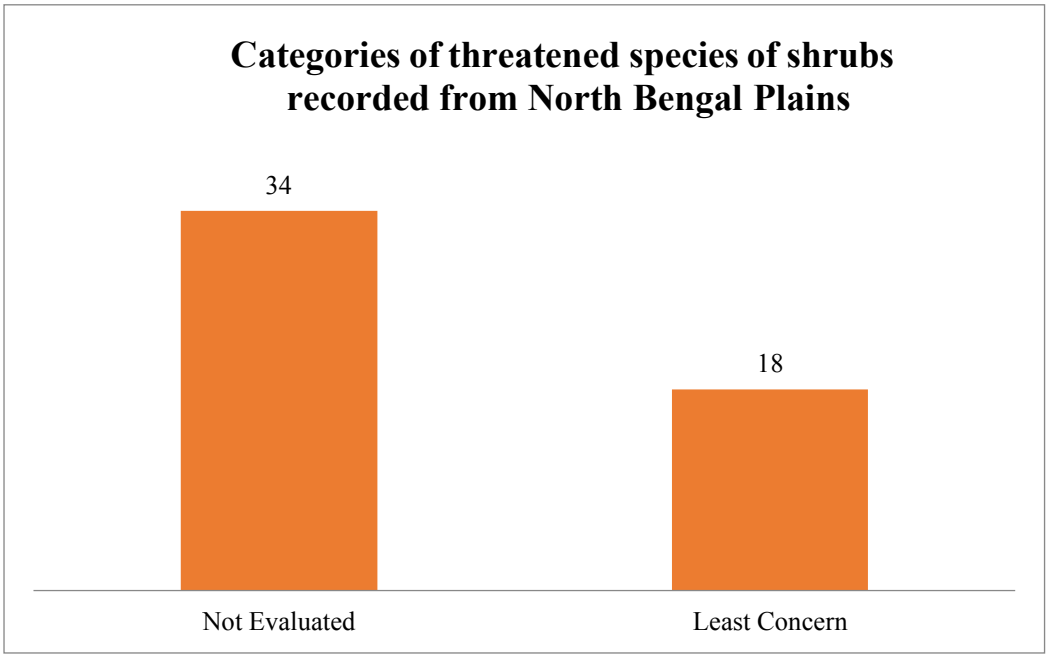


Figure 187: Categories of threatened species of shrubs recorded in North Bengal Plain Plots

Table 348: Comparative shrub species diversity among all 10 permanent plots of North Bengal Plains

Sl. No.	Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	NRVK	0.59	1.1	Low
2	Cheko	0.78	1.77	Moderate
3	Sursuti	0.67	1.41	Low

4	South Indong	0.78	1.98	Moderate
5	Barahati	0.6	1.55	Low
6	Sealdoba	0.92	3.02	High
7	Santalabari	0/79	1.65	Moderate
8	Adma	0.69	1.43	Low
9	Mendabari	0.59	1.09	Low
10	Titi	0.65	1.28	Low

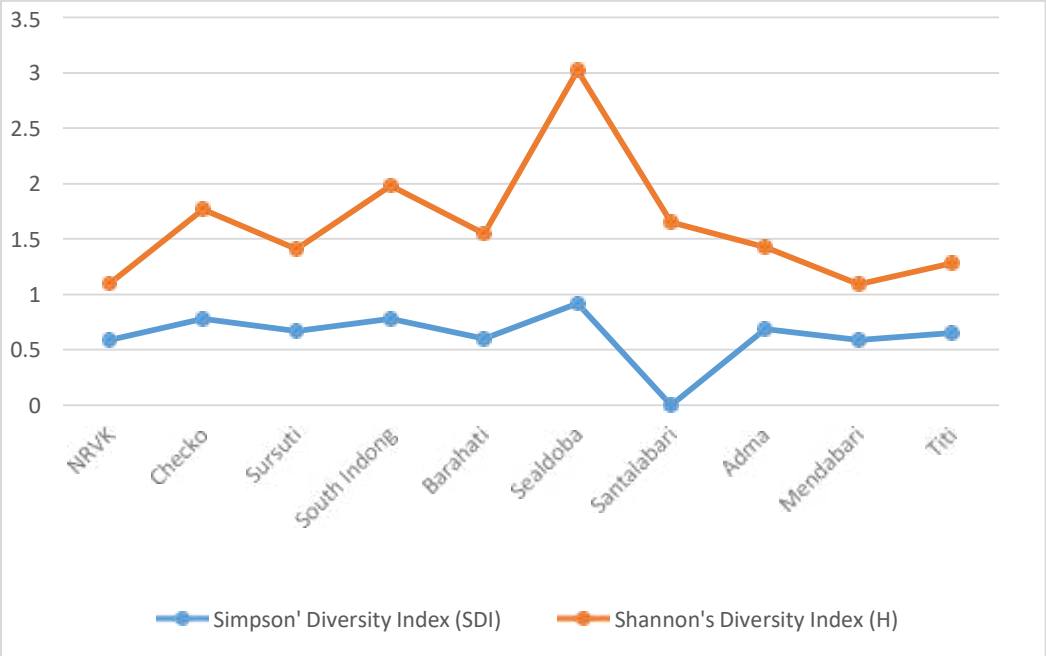


Figure 188: Comparison of shrub species richness and various diversity indices

Findings:

A total of 54646 individuals of 53 shrub species under 30 families were recorded from all the plots of North Bengal Plains.

Maximum number of shrub species (47) was recorded from the permanent plot at Sealdoba, whereas plot at Titi were found to sustain Minimum number of shrub species diversity (6). Maximum number of shrub individuals (12242) was recorded from NRVK and 2917 shrub individuals were recorded from South Indong which is the lowest among all.

The permanent plot Sealdoba was found to have high diversity of shrub species. Plots at Cheko, South Indong and Santalabari sustained moderate diversity of shrub species. On the other hand, plots at Sursuti, Barahati, Adma, Mendabari and Titi represented low diversity of shrub species.

The most dominating family in the shrub-flora was Rubiaceae represented by 5 species, followed by Acanthaceae (4spp), Fabaceae (4spp) and Lamiaceae (4spp).

The shrub species recorded from North Bengal Plains were categorised mainly in Not Evaluated (34) and Least Concern (18) of IUCN red list.

c. Liana Species:

Table 349: Checklist of Liana (woody climber) species of all the studied permanent plots of North Bengal Plains

SL. NO.	SCIENTIFIC NAME	VERNACULAR NAME	FAMIY	IUCN STATUS	REMARKS
1	*Ampelocissus latifolia*		Vitaceae	NE	Liana
2	*Cayratia pedata*		Vitaceae	VU	Liana
3	*Ficus pubigera*		Moraceae	LC	Struggler
4	*Gymnema sylvestre*	Gurmar	Apocynaceae	NE	Liana
5	*Ichnocarpus frutescens*	Dudhe lata	Apocynaceae	NE	Liana
6	*Ipomea obstructa*		Convolvulaceae	NE	Liana
7	*Mikania cordata*		Asteraceae	NE	Liana
8	*Mucuna pruriens*	Pako	Fabaceae	NE	Liana
9	*Robinia pseudoacacia*		Fabaceae	LC	Struggler
10	*Smilax macrophylla*	Kumarika	Smilacaceae	NE	Liana
11	*Smilax zeylanica*	Kumri	Smilacaceae	NE	Liana
12	*Tinospora cordifolia*		Menispermaceae	NE	Liana
13	*Tinospora sinensis*		Menispermaceae	NE	Liana
14	*Tylophora indica*		Apocynaceae	NE	Liana

Table 350: Plot wise Liana (Woody climber) species diversity with individual count of all 10 permanent plots in North Bengal Plains

Permanent Plot	No. of Woody climber Species	No. of individuals
NRVK	4	487
Cheko	2	129
Sursuti	3	105
South Indong	4	188
Barahati	6	582
Sealdoba	4	76
Santalabari	0	0
Adma	0	0
Mendabari	5	901
Titi	3	363
Total		**2831**

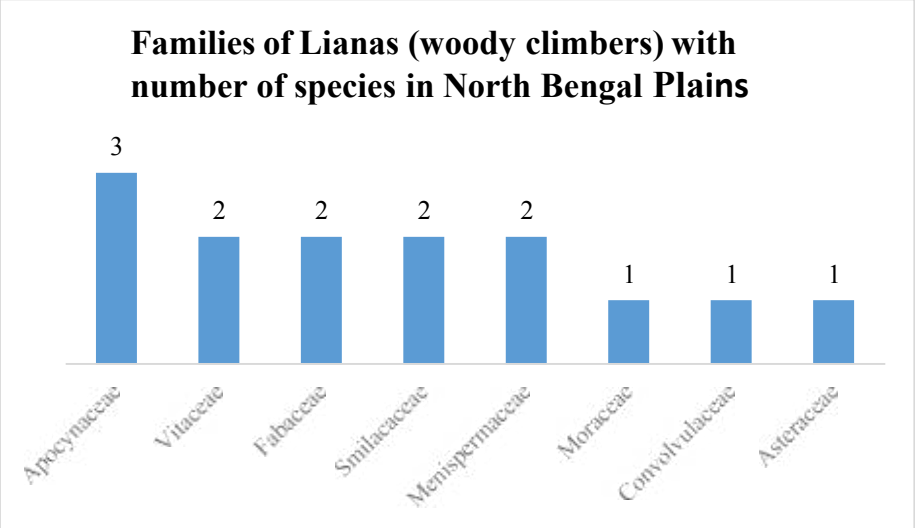


Figure 189: Families with number of Liana (woody climber) species documented in North Bengal Plain Plots

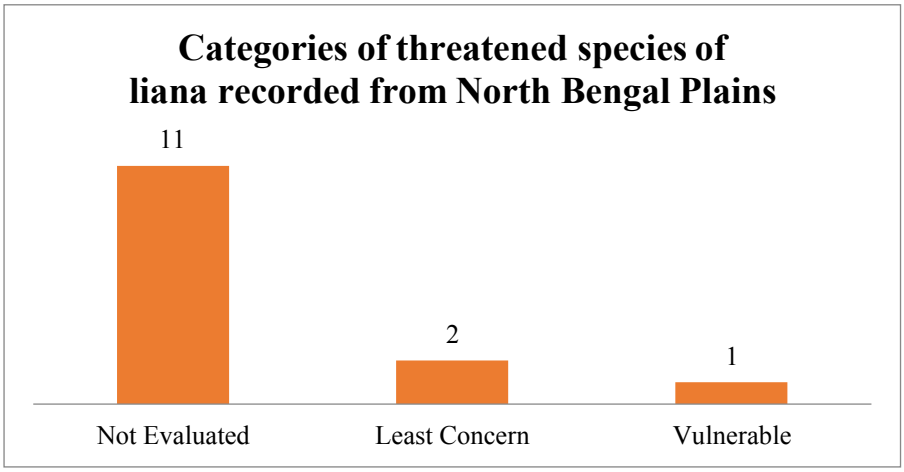


Figure 190: Categories of threatened species of liana recorded in North Bengal Plains Plots

Table 351: Comparative Liana (Woody climber) species diversity among all 10 permanent plots of North Bengal Plains

Sl. No.	Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	NRVK	0.71	1.31	Moderate
2	Cheko	0.44	0.63	Low
3	Sursuti	0.37	0.61	Low
4	South Indong	0.33	0.68	Low
5	Barahati	0.73	1.48	Moderate
6	Sealdoba	0.68	1.24	Low
7	Santalabari	0	0	
8	Adma	0	0	
9	Mendabari	0.38	0.81	Low
10	Titi	0.64	1.05	Low

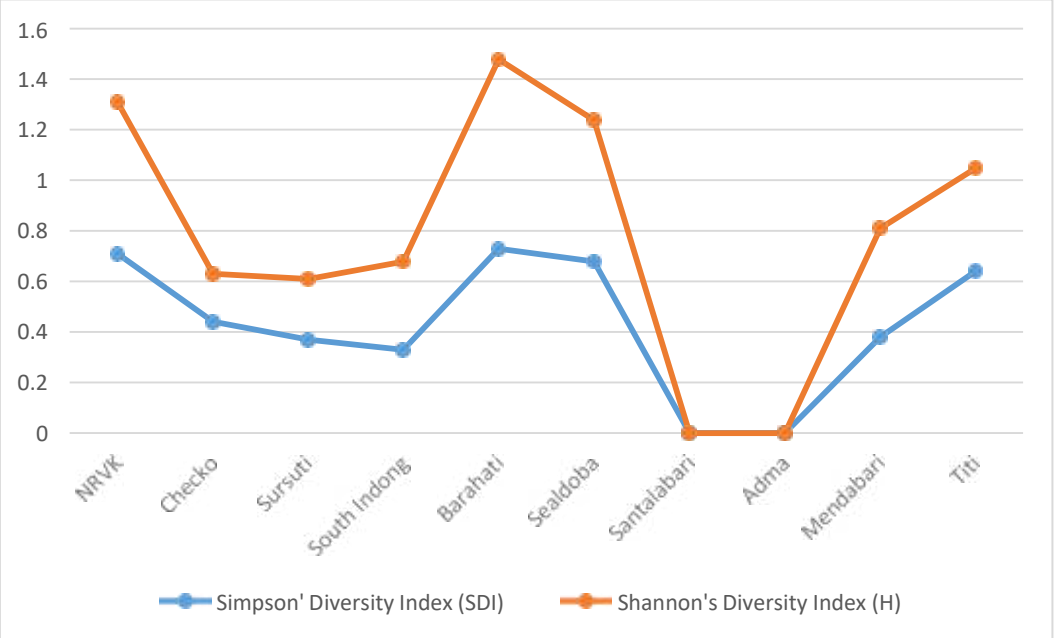


Figure 191: Comparison of liana (woody climber) species richness and various diversity indices

Findings:

A total of 2831 individuals of 14 Liana (woody climber) species under 8 families were recorded from all the plots of North Bengal Plains.

Maximum number of woody climber species (6) was recorded from the permanent plot at Barahati, whereas plot at Cheko was found to sustain Minimum number of woody climber species (2). The permanent plots at Santalabari and Adma were devoid of any woody climber species. Maximum number of woody climber individuals (901) was recorded from Mendabari and only 76 woody climber individuals were recorded from Sealdoba, which is the lowest among all.

The permanent plots at NRVK and Barahati were found to have moderate diversity of woody climber species. Rest of the plots represented low diversity of woody climber species.

The most dominating family in the Liana-flora was Apocynaceae represented by 3 species. Rest 5 families were represented by liana individuals at a range of 2-3.

Cayratia pedata was noted to be Vulnerable (VU) in IUCN Red List. Other categories of threats include Least Concern (2 spp) and 11 species of lianas were categorized as Not Evaluated.

d. Herb Species:

Table 352: Checklist of herb species of all the studied permanent plots of North Bengal Plains

SL. NO.	SCIENTIFIC NAME	VERNACULAR NAME	FAMIY	IUCN STATUS	REMARKS
1	*Ageratum conyzoides*		Asteraceae	NE	Invasive
2	*Alpinia nigra*	Purundi	Zingiberaceae	LC	
3	*Alpinia purpurata*		Zingiberaceae	NE	
4	*Amaranthus deflexus*		Amaranthaceae	NE	
5	*Ananas comosus*	Wild pineapple	Bromeliaceae	NE	
6	*Andrographis paniculata*	Kalmegh	Acanthaceae	NE	
7	*Angiopteris evecta*		Marattiaceae	NE	Fern
8	*Anisomeles ovata*		Lamiaceae	NE	
9	*Asparagus racemosus*	Shawtomool/Morobba	Asparagaceae	NE	
10	*Boerhavia repens*	Punarnaba	Nyctaginaceae	NE	
11	*Brachiaria ramosa*		Poaceae	LC	Grass
12	*Bromus hordeaceus*		Poaceae	NE	Grass
13	*Caryota mitis*		Arecaceae	LC	
14	*Cheilocostus speciosus*	Keu / Kemuk / Ketaki	Zingiberaceae	LC	
15	*Chelidonium majus*		Papaveraceae	NE	
16	*Chloranthus elatior*		Chloranthaceae	NE	
17	*Chromolaena odorata*	Bonmara	Asteraceae	NE	Invasive
18	*Chrysopogon aciculatus*	Chorkanta	Poaceae	NE	Grass
19	*Coccinia cordifolia*	Telakucho/Telakucha	Cucurbitaceae	NE	
20	*Colocasia esculenta*	Kochu	Araceae	LC	
21	*Commelina benghalensis*	Kansirey	Commilinaceae	LC	
22	*Crinum amoenum*	Junglee peyaj	Amaryllidaceae	NE	
23	*Croton bonplandianum*	Bon-tulsi	Euphorbiaceae	NE	
24	*Crozophora indica*		Euphorbiaceae	NE	
25	*Curcuma amada*	Am-ada	Zingiberaceae	NE	
26	*Curcuma longa*	Junglee Holud	Zingiberaceae	DD	
27	*Cymbopogon aciculatus*	Chorkanta	Poaceae	NE	Grass
28	*Cymbopogon pendulus*		Poaceae	NE	Grass
29	*Cynodon dactylon*		Poaceae	NE	Grass
30	*Cyperus rotundus*		Cyperaceae	LC	Grass
31	*Cystopteris tangutica*		Cystopteridaceae	NE	Fern
32	*Desmodium motorium*		Fabaceae	NE	
33	*Dicliptera bupleuroides*		Acanthaceae	NE	
34	*Digitaria sanguinalis*		Poaceae	LC	Grass
35	*Dioscorea pentaphylla*	Kham-alu	Dioscoreaceae	NE	
36	*Diplazium esculentum*	Dhekia	Athyriaceae	LC	Fern
37	*Drimia indica*		Asparagaceae	NE	
38	*Drymaria cordata*		Caryophyllaceae	NE	
39	*Drynaria quercifolia*		Polypodiaceae	NE	Fern
40	*Dryopteris filix-mas*		Dryopteridaceae	NE	Fern
41	*Dryopteris sikkimensis*	Jongli Dhekia	Dryopteridaceae	NE	
42	*Elatostema integrifolium*		Urticaceae	NE	

43	*Elatostema sessile*		Urticaceae	NE	
44	*Epilobium parviflorum*		Onagraceae	LC	
45	*Eragrostis spectabilis*		Poaceae	NE	Grass
46	*Eragrostis tenella*		Poaceae	NE	Grass
47	*Globba bulbifera*		Zingiberaceae	NE	
48	*Gomphrena celosioides*	Botamphool	Amaranthaceae	NE	
49	*Hedychium gracile*		Zingiberaceae	NE	
50	*Hemarthria altissima*	Baksha pata Ghas	Poaceae	LC	Grass
51	*Hetaeria oblongifolia*		Orchidaceae	NE	
52	*Houttuynia cordata*		Saururaceae	NE	
53	*Hygrophyla sculii*		Acanthaceae	NE	
54	*Hyptis suaveolens*		Lamiaceae	NE	
55	*Impatiens balsamina*		Balsaminaceae	NE	
56	*Impatiens parviflora*		Balsaminaceae	NE	
57	*Imperata cylindrica*		Poaceae	NE	Grass
58	*Ipomoea pes-tigridis*		Convolvulaceae	NE	
59	*Kyllinga nemoralis*		Cyperaceae	LC	Sedge
60	*Lasia spinosa*	Junglee kochu (Katasuli)	Araceae	LC	
61	*Leucas grandis*	Shwetodrone	Lamiaceae	NE	
62	*Lygodium flexuosum*		Lygodiaceae	NE	Fern
63	*Lygodium japonicum*		Lygodaceae	NE	Fern
64	*Lygodium microphyllum*		Lygodiaceae	LC	Fern
65	*Marsilea quadrifolia*	Shushni	Marsileaceae	LC	
66	*Medeola virginiana*		Liliaceae	NE	
67	*Microlepia speluncae*		Dennstaedtiaceae	NE	
68	*Molineria capitulata*		Hypoxidaceae	NE	
69	*Osmunda regalis*		Osmundaceae	LC	Fern
70	*Oxalis corniculata*	Aamrul	Oxalidaceae	NE	
71	*Oxalis debilis*	Beguni aamrul	Oxalidaceae	NE	
72	*Paederia foetida*	Padalipata/Gendalpata	Rubiaceae	NE	
73	*Panax pseudoginseng*	Himalaya Ginseng	Araliaceae	NE	
74	*Persicaria chinensis*		Polygonaceae	NE	
75	*Pharus latifolius*		Poaceae	LC	Grass
76	*Podophyllum hexandrum*		Berberidaceae	NE	
77	*Polygonum barbatum*	Tok ghas	Polygonaceae	LC	
78	*Polygonum nepalensis*		Polygonaceae	NE	
79	*Polystichum lentum*		Dryopteridaceae	NE	
80	*Polystichum acrostichoides*		Dryopteridaceae	NE	
81	*Potentilla indica*	Jongli Strawberry	Rosaceae	NE	
82	*Psychotria cupularis*		Rubiaceae	NE	
83	*Pteris longifolia*		Pteridaceae	NE	Fern
84	*Pteris vittata*		Pteridaceae	LC	Fern
85	*Pyrrosia flocculosa*		Polypodiaceae	NE	Fern
86	*Rottboellia cochinchinensis*	Gaighash	Poaceae	NE	Grass
87	*Rungia pectinata*		Acanthaceae	NE	
88	*Salvia officinalis*		Lamiaceae	LC	

89	*Scoparia dulcis*	Ghuma	Plantaginaceae	NE	
90	*Selaginella monospora*		Selaginellaceae	NE	
91	*Selaginella reticulata*		Selaginellaceae	NE	
92	*Sida acuta*		Malvaceae	NE	
93	*Sida rhombifolia*	Peet Berela	Malvaceae	NE	
94	*Solanum khasianum*		Solanaceae	NE	
95	*Solanum sisymbriifolium*	Kantikori	Solanaceae	NE	
96	*Stellaria media*		Caryophyllaceae	NE	
97	*Tropaeolum majus*		Tropaeolaceae	NE	
98	*Typhonium trilobatum*	Kharkone	Araceae	NE	
99	*Urena lobata*		Malvaceae	LC	
100	*Urtica dioica*	Chulkani pata	Malvaceae	LC	
101	*Verbena officinalis*		Verbenaceae	NE	
102	*Vernonia cinerea*		Asteraceae	NE	
103	*Zeuxine strateumatica*		Orchidaceae	LC	Orchid

Table 353: Plot wise Herb species diversity with individual count of all 10 permanent plots in North Bengal Plains

Permanent Plot	No. of Herb Species	No. of individuals
NRVK	19	3270
Cheko	21	2401
Sursuti	21	6413
South Indong	5	549
Barahati	11	380
Sealdoba	32	5017
Santalabari	10	2110
Adma	6	960
Mendabari	25	9531
Titi	19	9612
Total		**40243**

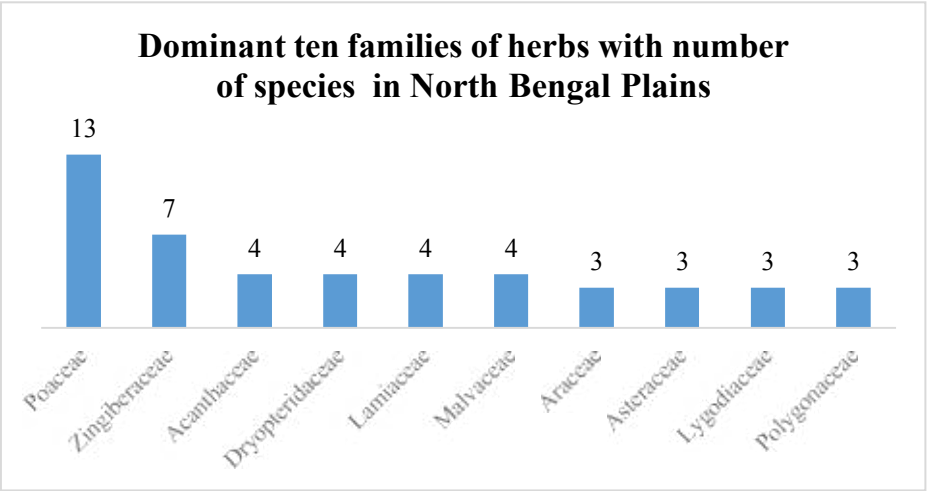


Figure 192: Dominant ten families with number of herb species documented in North Bengal Plain Plots

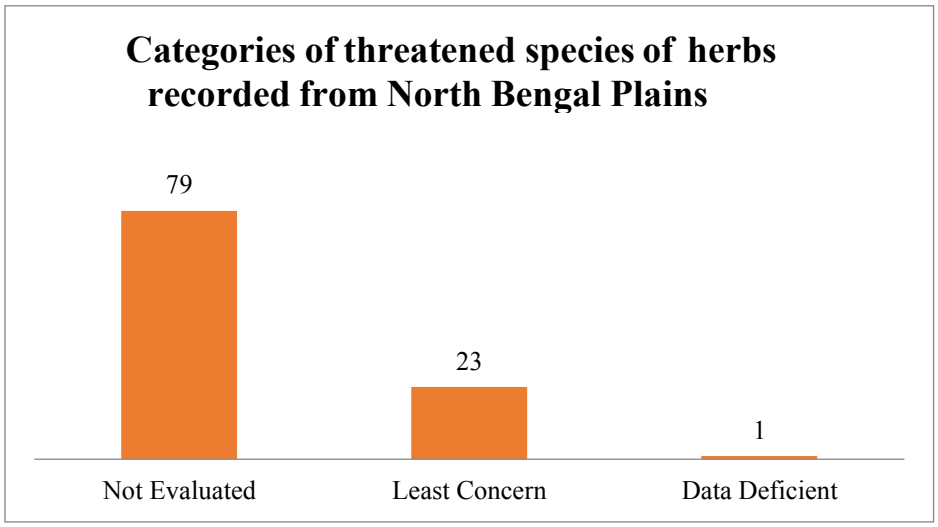


Figure 193: Categories of threatened species of shrubs recorded in North Bengal Plain Plots

Table 354: Comparative Herb species diversity among all 10 permanent plots of North Bengal Plains

Sl. No.	Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	NRVK	0.84	2.14	Moderate
2	Cheko	0.8	2.03	Moderate
3	Sursuti	0.88	2.41	Moderate
4	South Indong	0.5	0.9	Low
5	Barahati	0.65	1.52	Low
6	Sealdoba	0.93	2.97	High
7	Santalabari	0.8	1.84	Moderate
8	Adma	0.64	1.16	Low
9	Mendabari	0.89	2.54	High
10	Titi	0.88	2.37	Moderate

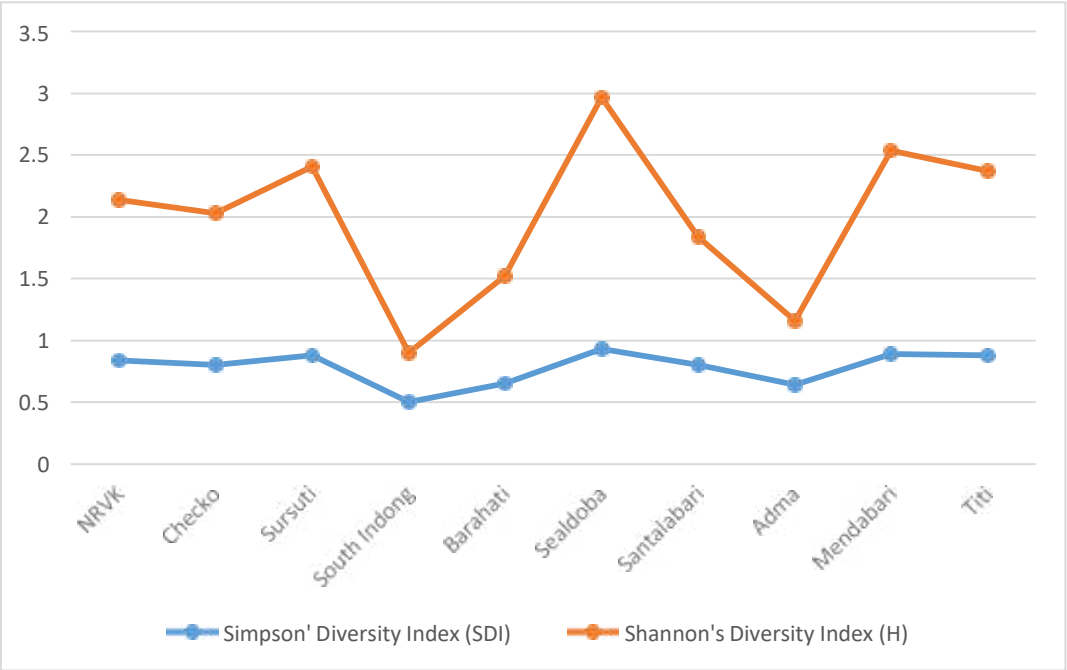


Figure 194: Comparison of herb species richness and various diversity indices

Findings:

A total of 40243 individuals of 102 herb species under 51 families were recorded from all the plots of North Bengal Plains.

Maximum number of herb species (32) was recorded from the permanent plot at Sealdoba, whereas plot at South Indong was found to sustain minimum number of herb species (5). Maximum number of herb individuals (9612) was recorded from Titi and only 380 herb individuals were recorded from Barahati which is the lowest among all.

The permanent plots at Sealdoba and Mendabari were found to have high diversity of herb species. On the other hand, plots at South Indong, Barahati and Adma represented low diversity of herb species. NRVK, Cheko, Sursuti, Santalabari and Titi sustained moderate diversity of shrub species.

The most dominating family in the herb-flora was Poaceae represented by 13 species, followed by Zinziberaceae (7spp). Rests of the families were represented by herb species at a range of 2-4.

All the species can be categorised in three threat list of IUCN, *viz.* Not Evaluated (79*),* Least Concern (23) and Data Deficient (01).

e. Scrambler, creeper and twiner species:

Table 355: Checklist of Scrambler, creeper and twiner species of all the studied permanent plots of North Bengal Plains

SL. NO.	SCIENTIFIC NAME	VERNACULAR NAME	FAMIY	IUCN STATUS	REMARKS
1	*Abrus pulchelus*	Mungi Loreng	Fabaceae	NE	
2	*Cayratia japonica*	Jhallota	Vitaceae	NE	
3	*Combretum indicum*		Combretaceae	NE	
4	*Dioscorea alata*		Dioscoreaceae	NE	
5	*Dioscorea bulbifera*		Dioscoreaceae	NE	
6	*Dioscorea esculanta*		Dioscoreaceae	NE	
7	*Hemidesmus indicus*		Apocynaceae	NE	Climbing herb
8	*Mikania micrantha*	Assam Lata	Asteraceae	NE	Invasive
9	*Passiflora foetida*		Passifloraceae	NE	
10	*Piper betle*	Paan	Piperaceae	NE	
11	*Piper boehmeriifolium*		Piperaceae	NE	
12	*Piper longum*	Bonmorich/Pipul	Piperaceae	NE	
13	*Piper nigrum*	Golmorich	Piperaceae	NE	
14	*Stephania japonica*		Menispermaceae	NE	
15	*Tetrastigma serrulata*	Jhal lota	Vitaceae	NE	
16	*Tragia involucrata*	Bichuti	Euphorbiaceae	NE	
17	*Trichosanthes cucumerina*		Cucurbitaceae	NE	
18	*Vitis trifolia*		Vitaceae	NE	

Table 356: Plot wise scrambler, creeper and twiner species diversity with individual count of all 10 permanent plots in North Bengal Plains

Permanent Plot	No. of woody climber Species	No. of individuals
NRVK	6	2059
Cheko	8	2247
Sursuti	8	4681
South Indong	0	0
Barahati	0	0
Sealdoba	15	2133
Santalabari	4	83
Adma	1	95
Mendabari	7	3180
Titi	4	770
Total		**15248**

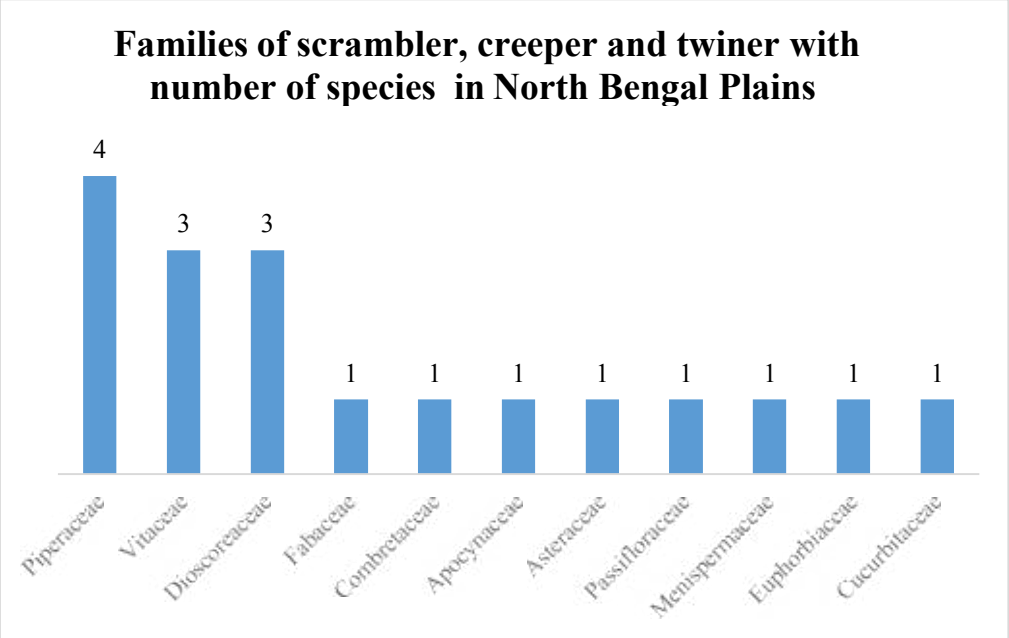


Figure 195: Families with number of Scrambler, creeper and twiner species documented in North Bengal Plain Plots

Table 357: Comparative scrambler, creeper and twiner species diversity among all 10 permanent plots of North Bengal Plains

Sl. No.	Plots	Simpson' Diversity Index (SDI)	Shannon's Diversity Index (H)	Diversity Status
1	NRVK	0.71	1.43	Moderate
2	Cheko	0.8	1.72	Moderate
3	Sursuti	0.7	1.5	Moderate
4	South Indong	0	0	
5	Barahati	0	0	
6	Sealdoba	0.77	1.88	Moderate
7	Santalabari	0.65	1.12	Low
8	Adma	0	0	
9	Mendabari	0.73	1.53	Moderate
10	Titi	0.43	0.76	Low

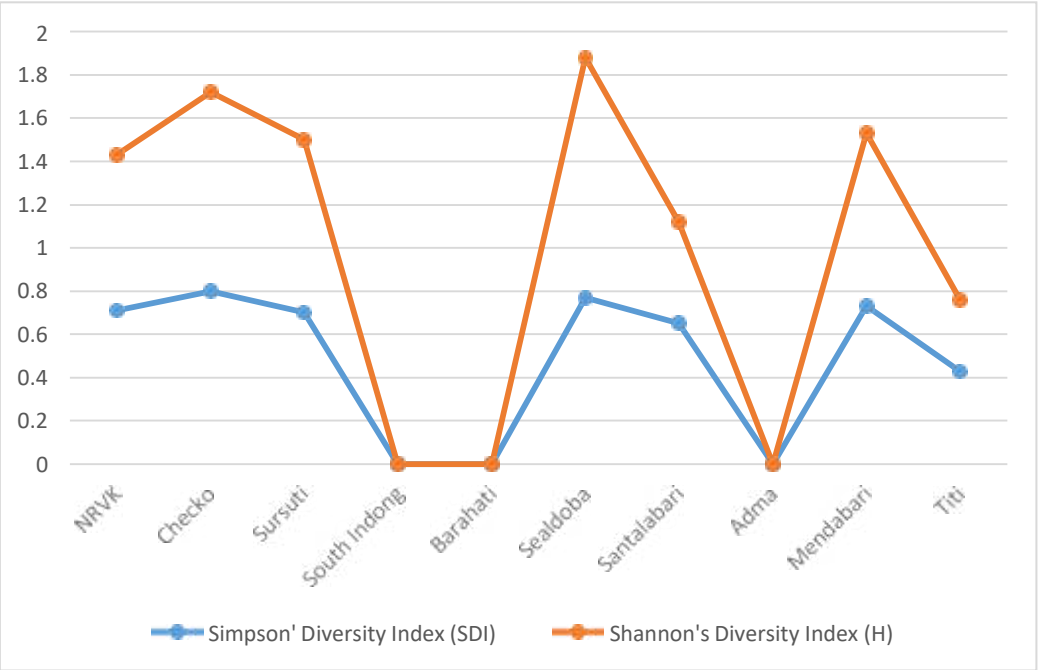


Figure 196: Comparison of Scrambler, creeper and twiner species richness and various diversity indices

Findings:

A total of 15248 individuals of 18 scrambler, creeper and twiner species under 11 families were recorded from all the plots of North Bengal Plains.

Maximum diversity of scrambler, creeper and twiner species (15) was recorded from the permanent plot at Sealdoba, whereas plot at Adma was found to sustain minimum number of scrambler, creeper and twiner species (1 each). Maximum number of weak climber individuals (4681) was recorded from Sursiti and only 83 weak climber individuals were recorded from Santalabari which is the lowest among all. The permanent plots at South Indong and Barahati were devoid of any scrambler, creeper and twiner species.

The permanent plots at NRVK, Cheko, Sursuti, Sealdoba and Mendabari were found to have moderate diversity of scrambler, creeper and twiner species. On the other hand, plots at Santalabari and Titi represented low diversity of scrambler, creeper and twiner species.

The most dominating family in the herb-flora was Piperaceae represented by 4 species, followed by Vitaceae and Dioscoreaceae with 3 individuals each. Rest of the families were represented by single scrambler, creeper and twiner species.

All the species belong to the same IUCN category *i.e.* Not Evaluated (NE).

β- Diversity:

Table 358: Jaccard similarity index between the permanent plots in North Bengal Plains

Plots	NRVK	Cheko	Susrsuti	South Indong	Barohati	Sealdoba	Santalabari	Adma	Mendabari	Titi
NRVK	1.00	0.48	0.51	0.27	0.27	0.25	0.32	0.31	0.37	0.21
Cheko	0.48	1.00	0.47	0.26	0.22	0.22	0.30	0.34	0.42	0.24
Susrsuti	0.51	0.47	1.00	0.33	0.27	0.24	0.27	0.27	0.49	0.29
South Indong	0.27	0.26	0.33	1.00	0.46	0.21	0.25	0.27	0.24	0.13
Barohati	0.27	0.22	0.27	0.46	1.00	0.22	0.25	0.23	0.24	0.14
Sealdoba	0.25	0.22	0.24	0.21	0.22	1.00	0.17	0.16	0.25	0.14
Santalabari	0.32	0.30	0.27	0.25	0.25	0.17	1.00	0.46	0.22	0.18
Adma	0.31	0.34	0.27	0.27	0.23	0.16	0.46	1.00	0.21	0.16
Mendabari	0.37	0.42	0.49	0.24	0.24	0.25	0.22	0.21	1.00	0.32
Titi	0.21	0.24	0.29	0.13	0.14	0.14	0.18	0.16	0.32	1.00

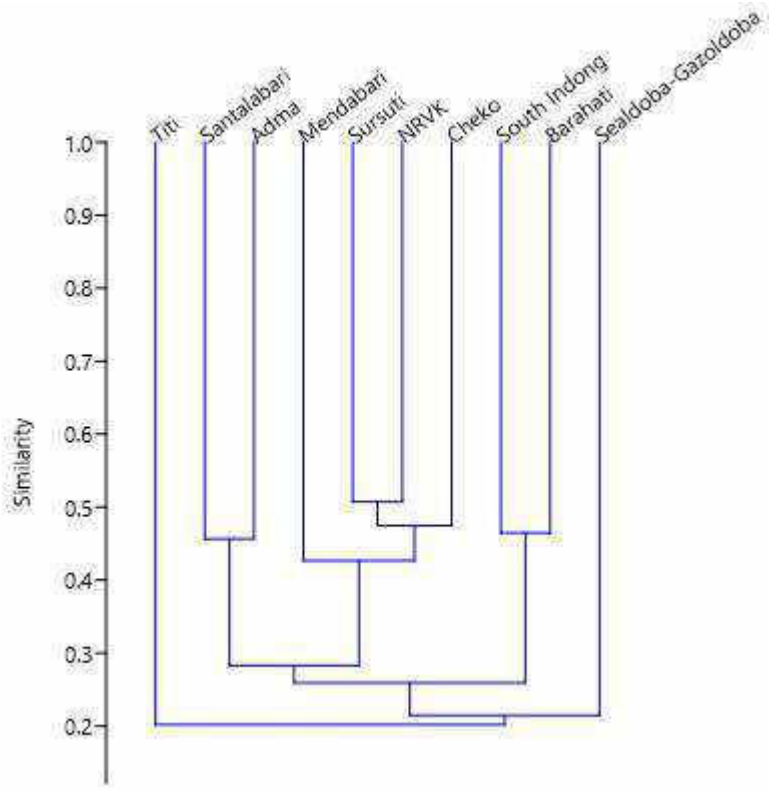
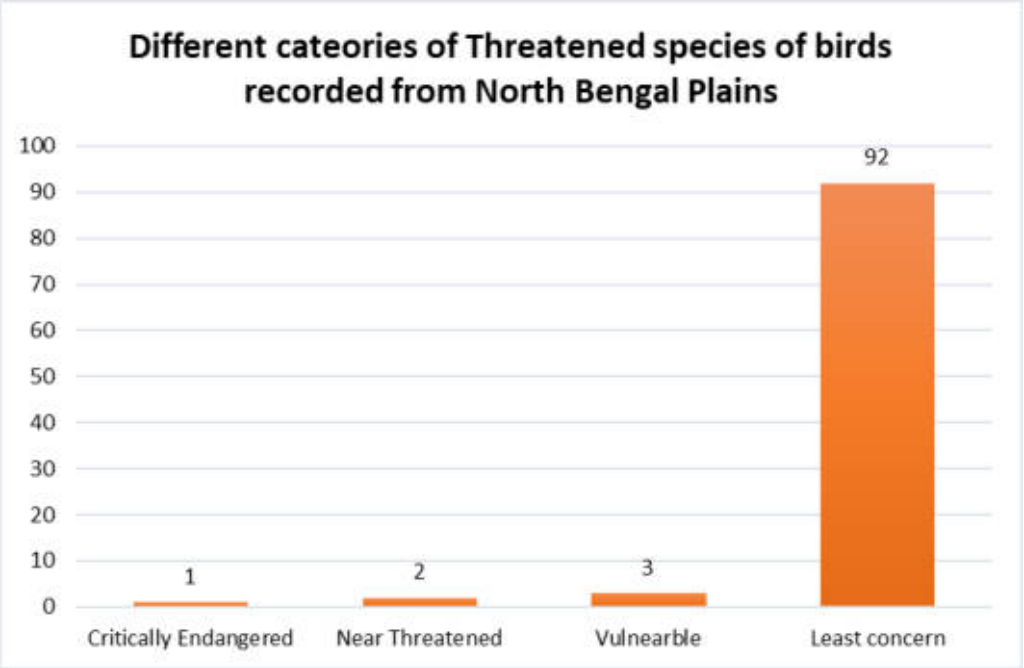


Figure 197: Dendogram showing vegetation similarity clustering among all the permanent plots in south West Bengal.

β-diversity analysis through Jaccard's similarity index revealed that the permanent plot at Titi and Sealdoba exhibited completely different forest vegetation than rest of the 8 permanent plots in North Bengal Plains. The dendogram also reflected that permanent plots at Santalabari, Mendabari, Adma, Sursuti, NRVK and Cheko shared similar type of vegetation (in close proximity in term of vegetation similarity). Permanent plots at South Indong and Barahati represented a fair bit of vegetation dissimilarity with other studied plots.

f. Associated Birds:



Findings:

A total of 98 bird species were documented from all the 10 permanent plots and adjacent areas in North Bengal Plains during this study. The Black hooded Oriole and Black Crested Bulbul were the most common bird occurring at all the plots. This was followed by the Lineated Barbet sighted at 9 plots and the Common Hill Mayna and Red Breasted Parakeet jointly documented at 8 plots. Of the total of 98 species of birds recorded from North Bengal Plains the highest number of species documented were from Adma (32), followed by Cheko and Sealdoba (30 each). The lowest numbers of bird species documented were at Titi (17). Among the 98 bird species the White Rumped Vulture is listed in IUCN as Critically Endangered (CR) which is documented in two places viz. Cheko and NRVK. Red Breasted Parakeet and Alexandrine Parakeet are listed in Near Threatened (NT) and the Great Indian Hornbill, Lesser Adjutant Stork and the River Lapwing are listed as Vulnerable (VU) while the 92 species are listed as Least Concern (LC).

D. GENERAL CONCLUSION:

In this research project we have documented a total number of 69110 Trees, 73654 Shrubs, 10713 Lianas, 58520 Herbs, 20158 Scramblers, creepers and twiners from 14 and 10 permanet plots of Lateritic South Bengal and North Bengal Plains. In all the plots vegetation were both qualitatively and quantitatively recorded along with the available avian fauna. In case of all the trees the height and GBH for every individulal tree found in these locations, were also documented.

Limitations:

- Due to Covid 19 Pandemic, a nationwide lockdown from March 2020 till rainy season was imposed, for which the study could not being carried out during the flowering seasons, resulting in difficulties to identify the species.
- Due to the ingress of elephants in Chandabila-Topoban, Kharagpur, one subplot out of the 5 randomised subplots could not be completed. Remaining 4 subplots were completed successfully.
- Incase of North Bengal Plains the terrain was difficult and the funds allotted was not adequate.

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ANNEXURE 1
PHOTO SECTION

SOUTH BENGAL

TREES

Dalbergia latifolia - **Vulnerable**

Aegle marmelos – **Near Threatened**

Pterocarpus marsupium – **Near Threatened**

Cleistanthus collinus – **Vulnerable**

Terminalia belerica

Lagerostromia parviflora

Morinda tomentosa

Adina cordifolia

Diospyros excelsa

Strichnos nux-vomica

Cochlospermum religiosum

Anogeissus latifolia

Acacia auriculiformis

Naringi crenulata

Cassia siamea

Casia fistula

Acassia catechu

Sympelocos recemosus

Albizia lebbeck

Soymida febrifuga

Terminalia tomentosa

SHRUBS AND LIANAS

Lantana camara

Ichnocarpus frutescens

Urena lobata

Ampelocissus latifolia

Ziziphus oenopolia

Smilax zeylanica

Mimosa rubicaulis

Carissa spinarum

Azanza lapus

Grewia helicterifolia

Desmodium gangeticum

Phoenix acaulis

Uraria lagopoides

Gardenia gummifera

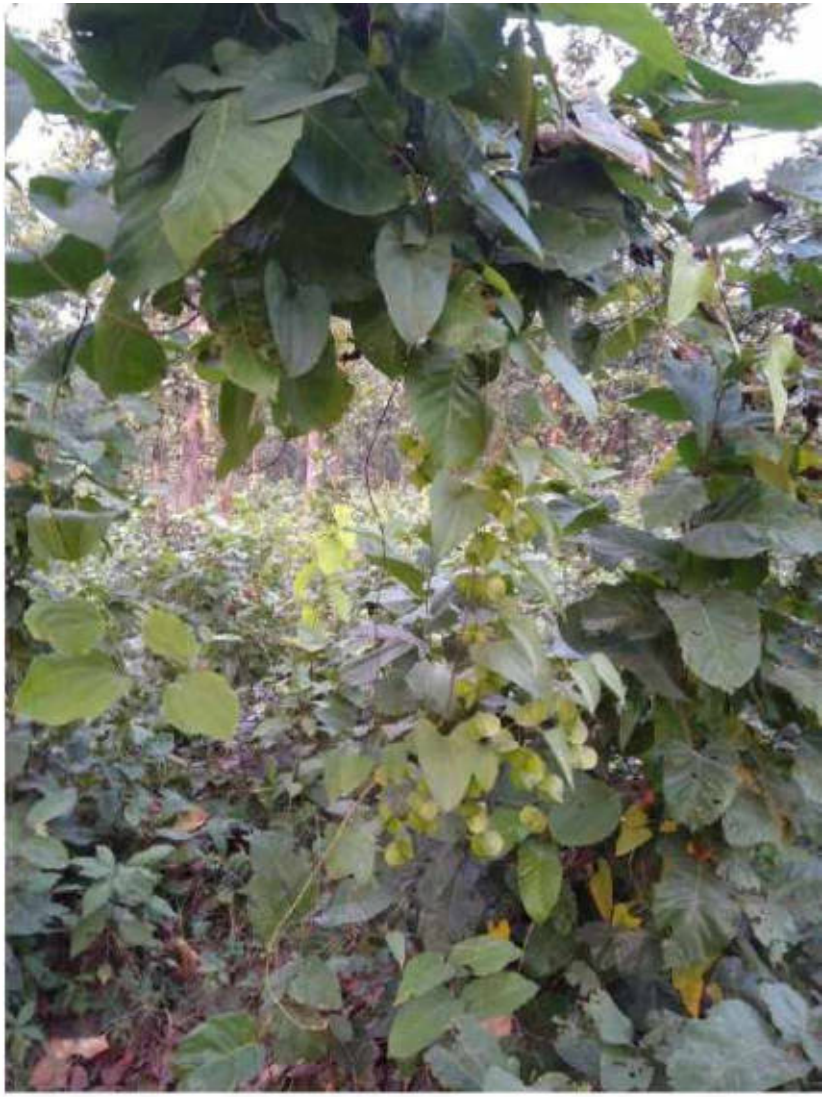
Ziziphus rugosa

Aristolochia indica

Combretum decandrum

Butea superba

Dioscorea bulbifera



Dioscorea esculenta

Ventilago denticulata

Argyrea speciosa

HERBS INCLUDING
SCRAMBLERS, CREEPERS
AND TWINERS

Evolvulus alsinoides

Spermacocie hispida

Phyllocephallum scabridum

Elephantopus scaber

Asparagus recemosus

Barleria cristata

Mucuna pruriens

Chromolena odorata

Anisomeles ovata

Cheilanthes tenuifolia

Andrographis Paniculata

Tacca leontopetaloides

Rungia pectinata

Rivea hypocatariformis

Lygodium flexuasum

Cajanus scarabaeoides

Vigna mungo

ASSOCIATED BIRDS

Black napped Oriole

Common lora

Jungle Babbler

Purple Sunbird

Grey Breasted Prinia

Indian Robin

Yellow eyed Babbler

Common Tailor bird

Verditer Flycatcher

Green Bee Eater

Spotted Dove

Red Whiskered Bulbul

NORTH BENGAL

TREES

Dillenia indica (Chalta)

Schima wallichii (Chilaune)

Dillenia pentagyna (Tatari)

Baccaurea ramiflora (Lotka/Notka/Kusum)

Bridelia retusa

Vitex peduncularis

Sloanea sterculiacea

Laipanji (Unidentified)

Macaranga denticulata

Pterospermum acerifolium (Hatipila)

Terminalia chebula (Haritaki)

SHRUBS AND LIANAS

Coffea benghalensis

Leea indica

Boehmeria macrophylla

Barleria cristata

Justicia gendarussa

Abutilon indicum

Murraya koenigii

Rauvolfia serpentina

HERBS INCLUDING SCRAMBLERS, CREEPERS AND TWINERS

Lasia spinosa

Crinum amoenum

Mikania micrantha

Ageratum conyzoides

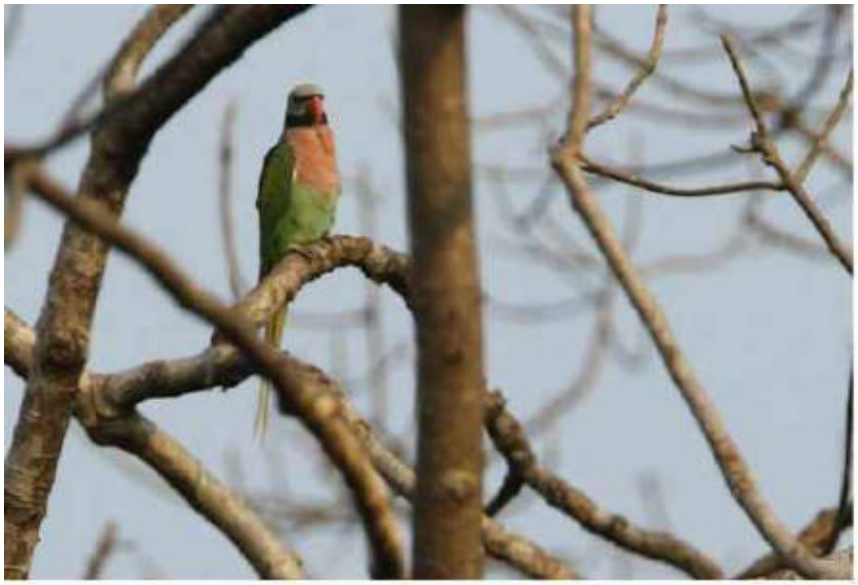
Hemarthria altissima

Alpina nigra

Cayratia japonica

Piper nigrum

ASSOCIATED BIRDS



Red Breasted Parakeet (NT)

Great Indian Hornbill (VU)

White rumped Vulture (CR)

Alexandrine parakeet (NT)

Little Pied Flycatcher

Collared Falconet

White rumped Shama

Asian Barred Owlet

Oriental White Eye

Slaty-backed Forktail

Grey Headed Canary Flycatcher

Plumbeous Water Redstart

ANNEXURE 2
TREE HEIGHT AND GBH RAW DATA

SOUTH BENGAL

ARABARI

Arabari SP 3

Syzygium jambolanum/ (Jaam)					*Acacia auriculiformis*/ (Akashmoni)				
	Height		Girth			Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)	Sl no.	(ft)	(m)	(inch)	(cm)
1	20	6.10	30	76.20	1	60	18.29	70	177.80
2	10	3.05	8	20.32	2	55	16.76	40	101.60
3	30	9.14	40	101.60	3	50	15.24	36	91.44
4	30	9.14	35	88.90	4	50	15.24	50	127.00
5	30	9.14	35	88.90	5	50	15.24	60	152.40
6	25	7.62	30	76.20	6	45	13.72	40	101.60
7	50	15.24	54	137.16	7	40	12.19	35	88.90
8	20	6.10	30	76.20	8	35	10.67	40	101.60
9	40	12.19	35	88.90	9	50	15.24	36	91.44
10	25	7.62	20	50.80	10	45	13.72	30	76.20
11	30	9.14	40	101.60	11	40	12.19	60	152.40
12	20	6.10	25	63.50	12	50	15.24	55	139.70
13	30	9.14	35	88.90	13	30	9.14	25	63.50
14	20	6.10	25	63.50	14	40	12.19	25	63.50
					15	50	15.24	35	88.90

Mitragyna parviflora/ (Kelikadam)					*Lannea coromandelica*/ (Kachmola)				
	Height		Girth			Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)	Sl no.	(ft)	(m)	(inch)	(cm)
1	25	7.62	18	45.72	1	20	6.10	12	30.48
2	40	12.19	24	60.96	2	25	7.62	24	60.96
3	20	6.10	18	45.72	3	40	12.19	35	88.90
4	30	9.14	24	60.96	4	30	9.14	35	88.90
5	55	16.76	42	106.68	5	30	9.14	30	76.20
6	20	6.10	15	38.10	6	35	10.67	25	63.50
7	15	4.57	10	25.40					
8	30	9.14	10	25.40					

Senna siamea/ (Minjiri)					*Azadirachta indica*/ (Neem)				
	Height		Girth			Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)	Sl no.	(ft)	(m)	(inch)	(cm)
1	50	15.24	36	91.44	1	30	9.14	20	50.80
2	50	15.24	45	114.30	2	25	7.62	20	50.80
3	48	14.63	50	127.00	3	25	7.62	45	114.30
4	25	7.62	40	101.60	4	35	10.67	30	76.20
5	50	15.24	35	88.90	5	30	9.14	20	50.80

Gmelina arborea/ (Gamar)					*Shorea robusta*/ (Sal)				
	Height		Girth			Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)	Sl no.	(ft)	(m)	(inch)	(cm)
1	40	12.19	35	88.90	1	30	9.14	10	25.40
2	40	12.19	25	63.50	2	35	10.67	15	38.10
3	45	13.72	40	101.60	3	25	7.62	15	38.10

ARABARI

Albizia lebbeck/ (Siris)					*Bridelia retusa*/ (Kosai)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	60	18.29	48	121.92	1	40	12.19	30	76.20

Lagerostromia parviflora/ (Sidha)					*Litsea glutinosa*/ (Leda)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	50	15.24	60	152.40	1	35	10.67	25	63.50

Pterocarpus marsupium/ (Piyasal)					*Terminalia arjuna*/ (Arjun)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	18	45.72	1	60	18.29	45	114.30

Trema orientalis				
Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	35	88.90

ARABARI

Arabari SP 5

Azadirachta indica/ (Neem)					*Terminalia arjuna*/ (Arjun)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	15	4.57	18	45.72	1	30	9.14	24	60.96
2	20	6.10	24	60.96	2	30	9.14	30	76.20
3	25	7.62	18	45.72	3	40	12.19	36	91.44
4	30	9.14	24	60.96	4	50	15.24	48	121.92
5	30	9.14	30	76.20	5	40	12.19	36	91.44
6	40	12.19	36	91.44	6	45	13.72	48	121.92
7	40	12.19	60	152.40	7	35	10.67	30	76.20
8	30	9.14	28	71.12					

Syzygium jambolanum / (Jaam)					*Pterocarpus marsupium* / (Piyasal)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	18	45.72	1	50	15.24	18	45.72
2	20	6.10	24	60.96	2	35	10.67	17	43.18

Lannea coromandelica / (Kachmola)					*Albizia lebbeck* / (Siris)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48	1	45	13.72	46	116.84
2	18	5.49	10	25.40	2	30	9.14	18	45.72

Acacia auriculiformis / (Akashmoni)					*Tectona grandis* / (Segun/Teak)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	30	76.20	1	30	9.14	24	60.96
2	60	18.29	48	121.92					

Senna siamea / (Minjiri)					*Shorea robusta* / (Sal)				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	**45**	**13.72**	**42**	**106.68**	1	**30**	**9.14**	**24**	**60.96**

Morinda tomentosa					*Strichnos nux-vomica / (Kuchila)*				
Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	**25**	**7.62**	**36**	**91.44**	1	**40**	**12.19**	**36**	**91.44**

ARABARI

Arabari SP 7

Tectona grandis/ (Segun/Teak)									
	Height		Girth		Sl no.	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	23	58.42	51	35	10.67	23	58.42
2	40	12.19	36	91.44	52	20	6.10	20	50.80
3	45	13.72	47	119.38	53	30	9.14	21	53.34
4	25	7.62	15	38.10	54	40	12.19	31	78.74
5	40	12.19	31	78.74	55	30	9.14	29	73.66
6	40	12.19	28	71.12	56	25	7.62	22	55.88
7	30	9.14	20	50.80	57	30	9.14	27	68.58
8	25	7.62	20	50.80	58	25	7.62	27	68.58
9	20	6.10	22	55.88	59	20	6.10	23	58.42
10	35	10.67	36	91.44	60	55	16.76	57	144.78
11	20	6.10	19	48.26	61	45	13.72	35	88.90
12	20	6.10	17	43.18	62	40	12.19	27	68.58
13	25	7.62	38	96.52					
14	35	10.67	19	48.26					
15	38	11.58	34	86.36					
16	40	12.19	33	83.82					
17	35	10.67	21	53.34					
18	35	10.67	23	58.42					
19	30	9.14	31	78.74					
20	40	12.19	32	81.28					
21	20	6.10	15	38.10					
22	35	10.67	20	50.80					
23	30	9.14	20	50.80					
24	30	9.14	20	50.80					
25	30	9.14	27	68.58					
26	20	6.10	14	35.56					
27	50	15.24	45	114.30					
28	40	12.19	40	101.60					
29	45	13.72	40	101.60					
30	40	12.19	35	88.90					
31	45	13.72	36	91.44					
32	35	10.67	19	48.26					
33	45	13.72	33	83.82					
34	40	12.19	23	58.42					
35	30	9.14	28	71.12					
36	35	10.67	29	73.66					
37	60	18.29	42	106.68					
38	35	10.67	23	58.42					
39	30	9.14	18	45.72					
40	40	12.19	25	63.50					
41	45	13.72	34	86.36					
42	35	10.67	20	50.80					
43	40	12.19	26	66.04					
44	45	13.72	28	71.12					
45	40	12.19	33	83.82					
46	40	12.19	54	137.16					
47	40	12.19	36	91.44					
48	35	10.67	28	71.12					
49	40	12.19	27	68.58					
50	30	9.14	23	58.42					

Terminalia arjuna/ (Arjun)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	25	7.62	27	68.58
2	35	10.67	46	116.84
3	40	12.19	42	106.68
4	30	9.14	26	66.04
5	40	12.19	38	96.52
6	45	13.72	34	86.36
7	40	12.19	45	114.30
8	45	13.72	34	86.36
9	40	12.19	36	91.44
10	20	6.10	16	40.64
11	30	9.14	24	60.96
12	40	12.19	39	99.06
13	35	10.67	24	60.96
14	45	13.72	27	68.58
15	40	12.19	37	93.98
16	25	7.62	26	66.04
17	45	13.72	30	76.20
18	30	9.14	42	106.68
19	35	10.67	30	76.20
20	40	12.19	48	121.92
21	40	12.19	30	76.20
22	45	13.72	32	81.28

Pterocarpus marsupium/ (Piyasal)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	42	12.80	26	66.04
2	65	19.81	46	116.84
3	50	15.24	30	76.20

ARABARI

Madhuca latifolia/ (Mohua)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	35	88.90
2	25	7.62	33	83.82
3	40	12.19	41	104.14
4	45	13.72	34	86.36
5	35	10.67	29	73.66
6	40	12.19	45	114.30
7	47	14.33	38	96.52
8	40	12.19	43	109.22
9	25	7.62	27	68.58
10	30	9.14	25	63.50
11	35	10.67	34	86.36
12	45	13.72	40	101.60
13	50	15.24	58	147.32
14	35	10.67	44	111.76
15	30	9.14	29	73.66
16	25	7.62	28	71.12

Senna siamea/ (Minjiri)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	40	12.19	35	88.90
2	42	12.80	39	99.06
3	35	10.67	36	91.44
4	40	12.19	46	116.84
5	30	9.14	45	114.30
6	35	10.67	46	116.84
7	30	9.14	33	83.82
8	30	9.14	35	88.90
9	60	18.29	50	127.00
10	45	13.72	41	104.14
11	45	13.72	40	101.60

Eucalyptus hybrida/ (Eucalyptus)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	60	18.29	42	106.68
2	50	15.24	24	60.96
3	62	18.90	60	152.40
4	50	15.24	34	86.36
5	45	13.72	31	78.74
6	60	18.29	27	68.58
7	45	13.72	21	53.34
8	50	15.24	38	96.52
9	55	16.76	38	96.52

Syzygium jambolanum / (Jaam)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	15	4.57	28	71.12
2	25	7.62	18	45.72

Albizia lebbeck/ (Siris)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	40	12.19	37	93.98
2	39	11.89	38	96.52
3	35	10.67	36	91.44
4	50	15.24	48	121.92
5	40	12.19	36	91.44
6	40	12.19	35	88.90
7	60	18.29	48	121.92
8	35	10.67	42	106.68

Azadirachta indica/ (Neem)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	20	6.10	28	71.12
2	35	10.67	27	68.58
3	35	10.67	23	58.42
4	30	9.14	27	68.58
5	30	9.14	34	86.36
6	30	9.14	30	76.20

Acacia auriculiformis/ (Akashmoni)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	35	10.67	24	60.96
2	40	12.19	37	93.98
3	45	13.72	40	101.60
4	40	12.19	20	50.80
5	50	15.24	42	106.68

Bridelia retusa/ (Kosai)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	18	5.49	18	45.72
2	20	6.10	30	76.20
3	40	12.19	43	109.22
4	35	10.67	37	93.98

Morinda tomentosa				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	12	3.66	19	48.26
2	15	4.57	35	88.90
3	15	4.57	19	48.26
4	20	6.10	16	40.64

Alstonia scholaris/ (Chhatim)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	45	13.72	80	203.20

ARABARI

Terminalia bellirica/ (Bohera/Bogra)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	50	15.24	50	127.00
2	40	12.19	29	73.66
3	40	12.19	34	86.36

Gmelina arborea/ (Gamar)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	35	10.67	25	63.50
2	40	12.19	25	63.50
3	40	12.19	23	58.42

Lannea coromandelica/ (Kachmola)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	45	13.716	33	83.82
2	30	9.144	48	121.92
3	35	10.668	34	86.36

Dalbargia latifolia/ (Setisal)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	35	10.67	25	63.50

Terminalia tomentosa/ (Ason)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	26	66.04

Holarrhena antidysenterica/ (Kurchi)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	20	6.10	23	58.42
2	25	7.62	25	63.50

Strichnos nux-vomica/ (Kuchila)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	29	73.66

ARABARI

Arabari SP 9

***Eucalyptus hybrida* / (Eucalyptus)**

Sl no	Height		Girth		Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	60	18.29	38	96.52	51	25	7.62	23	58.42
2	100	30.48	44	111.76	52	35	10.67	30	76.20
3	120	36.58	44	111.76	53	60	18.29	25	63.50
4	100	30.48	40	101.60	54	80	24.38	37	93.98
5	70	21.34	35	88.90	55	60	18.29	32	81.28
6	40	12.19	40	101.60	56	70	21.34	45	114.30
7	60	18.29	33	83.82	57	70	21.34	38	96.52
8	55	16.76	34	86.36	58	35	10.67	25	63.50
9	100	30.48	55	139.70	59	50	15.24	25	63.50
10	40	12.19	27	68.58	60	60	18.29	32	81.28
11	40	12.19	35	88.90	61	40	12.19	20	50.80
12	55	16.76	32	81.28	62	50	15.24	26	66.04
13	90	27.43	56	142.24	63	70	21.34	37	93.98
14	110	33.53	52	132.08	64	80	24.38	39	99.06
15	45	13.72	30	76.20	65	60	18.29	32	81.28
16	30	9.14	32	81.28	66	70	21.34	42	106.68
17	70	21.34	38	96.52	67	90	27.43	100	254.00
18	35	10.67	19	48.26	68	40	12.19	23	58.42
19	100	30.48	45	114.30	69	80	24.38	50	127.00
20	40	12.19	23	58.42	70	40	12.19	21	53.34
21	100	30.48	42	106.68	71	90	27.43	45	114.30
22	100	30.48	50	127.00	72	100	30.48	85	215.90
23	60	18.29	42	106.68	73	90	27.43	44	111.76
24	60	18.29	38	96.52	74	70	21.34	33	83.82
25	60	18.29	27	68.58	75	90	27.43	44	111.76
26	55	16.76	36	91.44	76	50	15.24	30	76.20
27	70	21.34	32	81.28	77	60	18.29	37	93.98
28	70	21.34	29	73.66	78	70	21.34	53	134.62
29	70	21.34	55	139.70	79	70	21.34	60	152.40
30	100	30.48	70	177.80	80	40	12.19	28	71.12
31	70	21.34	35	88.90	81	100	30.48	50	127.00
32	100	30.48	51	129.54	82	80	24.38	50	127.00
33	100	30.48	90	228.60	83	100	30.48	42	106.68
34	100	30.48	48	121.92	84	30	9.14	28	71.12
35	100	30.48	47	119.38	85	45	13.72	32	81.28
36	100	30.48	42	106.68	86	100	30.48	44	111.76
37	60	18.29	29	73.66	87	90	27.43	58	147.32
38	60	18.29	42	106.68	88	45	13.72	31	78.74
39	60	18.29	35	88.90	89	40	12.19	19	48.26
40	70	21.34	44	111.76	90	80	24.38	48	121.92
41	70	21.34	35	88.90	91	40	12.19	30	76.20
42	70	21.34	35	88.90	92	55	16.76	28	71.12
43	70	21.34	33	83.82	93	80	24.38	38	96.52
44	45	13.72	36	91.44	94	100	30.48	60	152.40
45	90	27.43	36	91.44	95	100	30.48	35	88.90
46	70	21.34	55	139.70	96	40	12.19	33	83.82
47	40	12.19	15	38.10	97	40	12.19	30	76.20
48	45	13.72	29	73.66	98	30	9.14	25	63.50
49	100	30.48	90	228.60	99	100	30.48	50	127.00
50	60	18.29	42	106.68					

ARABARI

***Tectona grandis*/ (Segun/Teak)**

Sl no	Height		Girth		Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	32	81.28	51	15	4.57	19	48.26
2	10	3.05	18	45.72	52	20	6.10	18	45.72
3	30	9.14	30	76.20	53	50	15.24	35	88.90
4	30	9.14	33	83.82	54	15	4.57	12	30.48
5	35	10.67	25	63.50	55	35	10.67	21	53.34
6	20	6.10	25	63.50	56	45	13.72	36	91.44
7	25	7.62	32	81.28	57	20	6.10	32	81.28
8	20	6.10	13	33.02	58	35	10.67	25	63.50
9	40	12.19	30	76.20	59	45	13.72	37	93.98
10	30	9.14	19	48.26	60	40	12.19	22	55.88
11	15	4.57	13	33.02	61	55	16.76	35	88.90
12	20	6.10	17	43.18	62	35	10.67	22	55.88
13	40	12.19	29	73.66	63	40	12.19	19	48.26
14	60	18.29	45	114.30	64	25	7.62	20	50.80
15	60	18.29	45	114.30	65	45	13.72	24	60.96
16	40	12.19	31	78.74	66	45	13.72	38	96.52
17	50	15.24	37	93.98	67	35	10.67	25	63.50
18	50	15.24	35	88.90	68	45	13.72	27	68.58
19	30	9.14	24	60.96	69	25	7.62	22	55.88
20	40	12.19	21	53.34	70	30	9.14	21	53.34
21	35	10.67	24	60.96	71	45	13.72	26	66.04
22	50	15.24	29	73.66	72	15	4.57	18	45.72
23	40	12.19	33	83.82	73	40	12.19	30	76.20
24	30	9.14	25	63.50	74	15	4.57	25	63.50
25	50	15.24	41	104.14	75	45	13.72	32	81.28
26	50	15.24	31	78.74	76	55	16.76	27	68.58
27	35	10.67	25	63.50	77	30	9.14	24	60.96
28	50	15.24	44	111.76	78	35	10.67	27	68.58
29	25	7.62	21	53.34	79	50	15.24	28	71.12
30	50	15.24	30	76.20	80	30	9.14	22	55.88
31	30	9.14	25	63.50	81	45	13.72	33	83.82
32	50	15.24	30	76.20	82	35	10.67	22	55.88
33	10	3.05	19	48.26	83	35	10.67	32	81.28
34	15	4.57	11	27.94	84	45	13.72	28	71.12
35	60	18.29	38	96.52	85	35	10.67	26	66.04
36	25	7.62	45	114.30	86	40	12.19	28	71.12
37	15	4.57	15	38.10	87	20	6.10	30	76.20
38	35	10.67	25	63.50	88	30	9.14	25	63.50
39	45	13.72	38	96.52	89	55	16.76	44	111.76
40	30	9.14	24	60.96	90	55	16.76	48	121.92
41	50	15.24	38	96.52	91	35	10.67	22	55.88
42	40	12.19	29	73.66	92	35	10.67	28	71.12
43	20	6.10	12	30.48	93	55	16.76	33	83.82
44	20	6.10	18	45.72	94	35	10.67	25	63.50
45	20	6.10	17	43.18	95	35	10.67	20	50.80
46	35	10.67	25	63.50	96	35	10.67	18	45.72
47	15	4.57	18	45.72	97	35	10.67	25	63.50
48	45	13.72	42	106.68					
49	30	9.14	25	63.50					
50	60	18.29	44	111.76					

ARABARI

***Terminalia bellirica*/ (Bohera/Bogra)**

Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	50	127.00
2	25	7.62	28	71.12
3	20	6.10	30	76.20
4	25	7.62	24	60.96
5	15	4.57	19	48.26
6	30	9.14	25	63.50
7	60	18.29	39	99.06
8	40	12.19	30	76.20
9	50	15.24	27	68.58
10	25	7.62	16	40.64
11	60	18.29	38	96.52
12	60	18.29	39	99.06
13	50	15.24	33	83.82
14	40	12.19	23	58.42
15	30	9.14	18	45.72
16	35	10.67	25	63.50
17	20	6.10	17	43.18
18	35	10.67	24	60.96
19	45	13.72	32	81.28
20	35	10.67	21	53.34
21	38	11.58	19	48.26
22	40	12.19	31	78.74
23	40	12.19	23	58.42
24	40	12.19	25	63.50
25	60	18.29	45	114.30
26	45	13.72	28	71.12

***Shorea robusta*/ (Sal)**

Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10
2	20	6.10	13	33.02
3	10	3.05	5	12.70
4	15	4.57	5	12.70
5	17	5.18	5	12.70
6	30	9.14	15	38.10
7	20	6.10	16	40.64
8	20	6.10	15	38.10
9	30	9.14	22	55.88
10	15	4.57	12	30.48
11	35	10.67	18	45.72
12	25	7.62	15	38.10
13	30	9.14	22	55.88
14	120	36.58	55	139.70
15	60	18.29	40	101.60
16	45	13.72	25	63.50
17	60	18.29	44	111.76
18	100	30.48	90	228.60
19	70	21.34	45	114.30
20	100	30.48	90	228.60
21	60	18.29	45	114.30

***Madhuca latifolia*/ (Mohua)**

Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	23	58.42
2	15	4.57	16	40.64
3	20	6.10	22	55.88
4	15	4.57	12	30.48
5	40	12.19	32	81.28
6	35	10.67	27	68.58
7	30	9.14	20	50.80
8	40	12.19	33	83.82
9	25	7.62	33	83.82
10	40	12.19	34	86.36
11	40	12.19	42	106.68
12	35	10.67	25	63.50
13	45	13.72	36	91.44
14	45	13.72	48	121.92
15	55	16.76	33	83.82
16	30	9.14	22	55.88
17	25	7.62	16	40.64
18	45	13.72	30	76.20

***Acacia auriculiformis*/ (Akashmoni)**

Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	28	71.12
2	30	9.14	30	76.20
3	30	9.14	22	55.88
4	30	9.14	35	88.90
5	40	12.19	30	76.20
6	40	12.19	27	68.58
7	35	10.67	22	55.88
8	45	13.72	28	71.12
9	55	16.76	44	111.76
10	35	10.67	28	71.12
11	35	10.67	25	63.50

ARABARI

Pterocarpus marsupium/ (Piyasal)					*Bridelia retusa*/ (Kosai)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	30	9.14	42	106.68	1	10	3.05	5	12.70
2	60	18.29	40	101.60	2	10	3.05	6	15.24
3	25	7.62	16	40.64	3	30	9.14	30	76.20
4	35	10.67	27	68.58	4	40	12.19	30	76.20
5	20	6.10	15	38.10	5	70	21.34	50	127.00
6	45	13.72	37	93.98	6	35	10.67	29	73.66
7	15	4.57	19	48.26	7	60	18.29	48	121.92
8	30	9.14	17	43.18	8	10	3.05	14	35.56
9	50	15.24	35	88.90	9	20	6.10	14	35.56
10	35	10.67	22	55.88	10	10	3.05	16	40.64
11	45	13.72	22	55.88	11	40	12.19	34	86.36

Senna siamea/ (Minjiri)					*Gmelina arborea* / (Gamar)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	40	12.19	33	83.82	1	10	3.05	15	38.10
2	50	15.24	38	96.52	2	20	6.10	22	55.88
3	20	6.10	39	99.06	3	15	4.57	18	45.72
4	55	16.76	54	137.16	4	30	9.14	26	66.04
5	65	19.81	56	142.24	5	30	9.14	18	45.72
6	70	21.34	55	139.70					
7	35	10.67	44	111.76					
8	45	13.72	35	88.90					

Holarrhena antidysenterica/ (Kurchi)					*Lannea coromandelica* / (Kachmola)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	25	7.62	26	66.04	1	25	7.62	22	55.88
2	25	7.62	24	60.96	2	45	13.72	35	88.90
3	30	9.14	35	88.90	3	30	9.14	22	55.88
4	40	12.19	28	71.12	4	20	6.10	18	45.72

Tamarindus indica/ (Tentul)					*Syzygium jambolanum* / (Jaam)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	30	9.14	23	58.42	1	60	18.29	45	114.30
2	40	12.19	34	86.36	2	16	4.88	20	50.80
3	50	15.24	39	99.06					

Adina cordifolia/ (Holdu)					*Semecarpus anacardium*/ (Vella)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	60	18.29	40	101.60	1	45	13.72	34	86.36
2	15	4.57	15	38.10	2	35	10.67	22	55.88

ARABARI

Cassia fistula/ (Bandorlathi)					*Morinda tomentosa*				
Sl no	Height		Girth		Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	38	96.52	1	10	3.05	17	43.18

Azadirachta indica / (Neem)					*Sapindus trifoliatus* / (Ritha)				
Sl no	Height		Girth		Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	29	73.66	1	30	9.14	22	55.88

Lagerostromia parviflora/ (Sidha)					*Peltophorum pterocarpum*/ (Radhachura)				
Sl no	Height		Girth		Sl no	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	55	16.76	35	88.90	1	55	16.76	86	218.44

Alstonia scholaris / (Chatim)					*Terminalia arjuna* / (Arjun)				
	Height		Girth			Height		Girth	
Sl no	(ft)	(m)	(inch)	(cm)	Sl no	(ft)	(m)	(inch)	(cm)
1	70	21.34	53	134.62	1	40	12.19	31	78.74

ARABARI

Arabari SP10

Tectona grandis/ (Segun/Teak)									
	Height		Girth			Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)	Sl no.	(ft)	(m)	(inch)	(cm)
1	25	7.62	22	55.88	51	40	12.19	19	48.26
2	35	10.67	28	71.12	52	55	16.76	30	76.20
3	35	10.67	24	60.96	53	40	12.19	22	55.88
4	55	16.76	35	88.90	54	55	16.76	27	68.58
5	60	18.29	29	73.66	55	70	21.34	32	81.28
6	35	10.67	25	63.50	56	55	16.76	26	66.04
7	45	13.72	32	81.28	57	80	24.38	44	111.76
8	15	4.57	10	25.40	58	65	19.81	27	68.58
9	20	6.10	17	43.18	59	80	24.38	30	76.20
10	60	18.29	32	81.28	60	55	16.76	24	60.96
11	50	15.24	29	73.66	61	80	24.38	34	86.36
12	25	7.62	16	40.64	62	30	9.14	26	66.04
13	60	18.29	27	68.58	63	60	18.29	29	73.66
14	40	12.19	24	60.96	64	80	24.38	41	104.14
15	40	12.19	31	78.74	65	35	10.67	23	58.42
16	40	12.19	16	40.64	66	25	7.62	17	43.18
17	15	4.57	12	30.48	67	40	12.19	26	66.04
18	60	18.29	29	73.66	68	55	16.76	29	73.66
19	40	12.19	25	63.50	69	65	19.81	35	88.90
20	40	12.19	22	55.88	70	35	10.67	18	45.72
21	25	7.62	16	40.64	71	55	16.76	30	76.20
22	70	21.34	42	106.68	72	60	18.29	28	71.12
23	40	12.19	28	71.12	73	60	18.29	45	114.30
24	50	15.24	27	68.58	74	60	18.29	35	88.90
25	70	21.34	35	88.90	75	30	9.14	22	55.88
26	30	9.14	25	63.50	76	45	13.72	29	73.66
27	60	18.29	45	114.30	77	70	21.34	30	76.20
28	40	12.19	22	55.88	78	60	18.29	25	63.50
29	30	9.14	15	38.10	79	20	6.10	16	40.64
30	55	16.76	40	101.60	80	55	16.76	36	91.44
31	60	18.29	38	96.52	81	40	12.19	22	55.88
32	55	16.76	32	81.28	82	45	13.72	27	68.58
33	30	9.14	19	48.26	83	20	6.10	14	35.56
34	50	15.24	26	66.04	84	45	13.72	31	78.74
35	30	9.14	27	68.58	85	70	21.34	45	114.30
36	30	9.14	27	68.58	86	30	9.14	24	60.96
37	40	12.19	25	63.50	87	35	10.67	26	66.04
38	40	12.19	27	68.58	88	55	16.76	22	55.88
39	60	18.29	28	71.12	89	55	16.76	25	63.50
40	55	16.76	33	83.82	90	60	18.29	33	83.82
41	60	18.29	30	76.20	91	35	10.67	23	58.42
42	55	16.76	33	83.82	92	90	27.43	40	101.60
43	25	7.62	18	45.72	93	40	12.19	22	55.88
44	55	16.76	26	66.04	94	15	4.57	27	68.58
45	60	18.29	32	81.28	95	55	16.76	27	68.58
46	55	16.76	28	71.12	96	40	12.19	23	58.42
47	45	13.72	22	55.88	97	55	16.76	22	55.88
48	55	16.76	30	76.20	98	40	12.19	17	43.18
49	70	21.34	30	76.20	99	40	12.19	25	63.50
50	60	18.29	37	93.98	100	40	12.19	21	53.34

ARABARI

***Tectona grandis*/ (Segun/Teak)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
101	40	12.19	23	58.42
102	55	16.76	31	78.74
103	65	19.81	45	114.30
104	50	15.24	23	58.42
105	40	12.19	32	81.28
106	35	10.67	26	66.04
107	35	10.67	26	66.04
108	40	12.19	18	45.72
109	70	21.34	40	101.60
110	55	16.76	31	78.74

***Holoptelea integrifolia*/ (Challa/Chakolta)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	50	127.00
2	70	21.34	26	66.04
3	20	6.10	28	71.12
4	25	7.62	18	45.72
5	90	27.43	45	114.30
6	55	16.76	42	106.68
7	20	6.10	17	43.18

***Madhuca latifolia*/ (Mahua)**

Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	60	18.29	45	114.30	38	35	10.67	19	48.26
2	30	9.14	18	45.72	39	55	16.76	35	88.90
3	40	12.19	26	66.04	40	25	7.62	28	71.12
4	30	9.14	16	40.64	41	55	16.76	31	78.74
5	50	15.24	33	83.82	42	45	13.72	26	66.04
6	35	10.67	16	40.64	43	30	9.14	19	48.26
7	55	16.76	28	71.12	44	60	18.29	25	63.50
8	55	16.76	35	88.90	45	70	21.34	37	93.98
9	45	13.72	22	55.88	46	80	24.38	50	127.00
10	25	7.62	17	43.18	47	25	7.62	15	38.10
11	35	10.67	22	55.88	48	55	16.76	36	91.44
12	30	9.14	22	55.88	49	60	18.29	33	83.82
13	50	15.24	35	88.90	50	80	24.38	44	111.76
14	55	16.76	35	88.90	51	35	10.67	18	45.72
15	60	18.29	44	111.76	52	35	10.67	25	63.50
16	60	18.29	32	81.28	53	40	12.19	29	73.66
17	35	10.67	32	81.28	54	70	21.34	50	127.00
18	35	10.67	30	76.20	55	40	12.19	37	93.98
19	45	13.72	25	63.50	56	70	21.34	35	88.90
20	50	15.24	27	68.58	57	70	21.34	34	86.36
21	55	16.76	25	63.50	58	55	16.76	28	71.12
22	55	16.76	35	88.90	59	60	18.29	28	71.12
23	60	18.29	40	101.60	60	60	18.29	30	76.20
24	60	18.29	35	88.90	61	55	16.76	24	60.96
25	35	10.67	25	63.50	62	20	6.10	16	40.64
26	45	13.72	35	88.90	63	35	10.67	22	55.88
27	35	10.67	28	71.12	64	90	27.43	80	203.20
28	30	9.14	18	45.72	65	60	18.29	42	106.68
29	40	12.19	44	111.76	66	40	12.19	36	91.44
30	50	15.24	35	88.90	67	45	13.72	28	71.12
31	35	10.67	22	55.88	68	60	18.29	32	81.28
32	25	7.62	18	45.72	69	90	27.43	88	223.52
33	35	10.67	22	55.88	70	60	18.29	33	83.82
34	60	18.29	35	88.90	71	60	18.29	29	73.66
35	55	16.76	28	71.12	72	55	16.76	38	96.52
36	70	21.34	46	116.84	73	35	10.67	17	43.18
37	55	16.76	24	60.96	74	30	9.14	38	96.52

ARABARI

***Madhuca latifolia*/ (Mahua)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
75	60	18.29	40	101.60
76	55	16.76	35	88.90
77	45	13.72	31	78.74
78	20	6.10	14	35.56
79	55	16.76	28	71.12
80	35	10.67	21	53.34
81	55	16.76	35	88.90
82	60	18.29	40	101.60
83	40	12.19	25	63.50
84	55	16.76	34	86.36
85	35	10.67	22	55.88
86	70	21.34	27	68.58
87	70	21.34	41	104.14
88	55	16.76	30	76.20
89	35	10.67	27	68.58
90	55	16.76	29	73.66
91	40	12.19	28	71.12
92	40	12.19	26	66.04
93	40	12.19	22	55.88
94	45	13.72	35	88.90
95	55	16.76	28	71.12
96	50	15.24	23	58.42
97	30	9.14	22	55.88
98	60	18.29	37	93.98
99	25	7.62	16	40.64
100	55	16.76	30	76.20
101	35	10.67	28	71.12
102	45	13.72	25	63.50
103	35	10.67	28	71.12
104	45	13.72	30	76.20
105	40	12.19	29	73.66
106	20	6.10	16	40.64
107	55	16.76	33	83.82
108	15	4.57	14	35.56
109	25	7.62	17	43.18

***Pterocarpus marsupium*/ (Piyasal)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	45	114.30
2	55	16.76	29	73.66
3	70	21.34	54	137.16
4	60	18.29	45	114.30
5	30	9.14	18	45.72
6	55	16.76	30	76.20
7	70	21.34	33	83.82
8	50	15.24	25	63.50
9	60	18.29	40	101.60
10	70	21.34	41	104.14
11	80	24.38	56	142.24
12	70	21.34	37	93.98
13	70	21.34	33	83.82
14	65	19.81	37	93.98
15	80	24.38	38	96.52
16	55	16.76	35	88.90
17	60	18.29	35	88.90
18	90	27.43	55	139.70
19	55	16.76	38	96.52
20	35	10.67	14	35.56
21	70	21.34	34	86.36
22	70	21.34	35	88.90
23	80	24.38	40	101.60
24	95	28.96	22	55.88
25	80	24.38	37	93.98
26	70	21.34	26	66.04
27	25	7.62	30	76.20

***Gmelina arborea*/ (Gamar)**

Sl no.	Height		Girth		Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	27	68.58	11	40	12.19	25	63.50
2	40	12.19	26	66.04	12	40	12.19	27	68.58
3	60	18.29	28	71.12	13	40	12.19	24	60.96
4	25	7.62	29	73.66	14	40	12.19	29	73.66
5	45	13.72	29	73.66	15	55	16.76	28	71.12
6	40	12.19	28	71.12	16	22	6.71	23	58.42
7	55	16.76	28	71.12	17	30	9.14	22	55.88
8	70	21.34	25	63.50	18	55	16.76	29	73.66
9	60	18.29	25	63.50	19	55	16.76	30	76.20
10	60	18.29	33	83.82					

ARABARI

***Peltophorum pterocarpum*/ (Radhachura)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	40	101.60
2	110	33.53	130	330.20
3	50	15.24	35	88.90
4	40	12.19	50	127.00
5	40	12.19	45	114.30
6	50	15.24	48	121.92
7	55	16.76	55	139.70
8	50	15.24	42	106.68
9	55	16.76	47	119.38
10	55	16.76	45	114.30
11	70	21.34	60	152.40
12	40	12.19	33	83.82
13	60	18.29	40	101.60
14	65	19.81	35	88.90
15	55	16.76	32	81.28
16	60	18.29	42	106.68
17	65	19.81	35	88.90
18	55	16.76	32	81.28
19	60	18.29	38	96.52

***Lannea coromandelica*/ (Kachmola)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	28	71.12
2	40	12.19	25	63.50
3	40	12.19	22	55.88
4	40	12.19	28	71.12
5	30	9.14	22	55.88
6	60	18.29	45	114.30
7	35	10.67	26	66.04
8	60	18.29	36	91.44
9	55	16.76	38	96.52
10	40	12.19	35	88.90
11	55	16.76	34	86.36
12	30	9.14	35	88.90
13	40	12.19	26	66.04
14	25	7.62	16	40.64

***Senna siamea*/ (Minjiri)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	35	88.90
2	40	12.19	36	91.44
3	40	12.19	33	83.82
4	60	18.29	45	114.30
5	90	27.43	60	152.40
6	100	30.48	70	177.80
7	40	12.19	36	91.44

***Bridelia retusa*/ (Kosai)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	33	83.82
2	70	21.34	50	127.00
3	35	10.67	23	58.42
4	40	12.19	39	99.06
5	40	12.19	22	55.88
6	35	10.67	32	81.28
7	40	12.19	23	58.42
8	35	10.67	22	55.88
9	80	24.38	60	152.40
10	60	18.29	30	76.20
11	40	12.19	25	63.50
12	55	16.76	40	101.60
13	65	19.81	45	114.30

***Eucalyptus hybrida*/ (Eucalyptus)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	42	106.68
2	90	27.43	40	101.60
3	110	33.53	88	223.52
4	120	36.58	90	228.60
5	70	21.34	22	55.88
6	80	24.38	45	114.30
7	120	36.58	200	508.00
8	110	33.53	90	228.60
9	100	30.48	50	127.00
10	70	21.34	33	83.82
11	60	18.29	40	101.60
12	70	21.34	50	127.00
13	70	21.34	45	114.30

***Terminalia bellirica*/ (Bohera/Bogra)**

Sl no.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	42	106.68
2	70	21.34	34	86.36
3	45	13.72	25	63.50
4	90	27.43	44	111.76
5	70	21.34	30	76.20
6	65	19.81	32	81.28
7	20	6.10	18	45.72
8	40	12.19	29	73.66
9	45	13.72	24	60.96
10	40	12.19	25	63.50
11	40	12.19	31	78.74

ARABARI

Acacia auriculiformis/ (Akashmoni)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	80	24.38	45	114.30
2	55	16.76	34	86.36
3	45	13.72	35	88.90
4	70	21.34	35	88.90
5	40	12.19	35	88.90
6	40	12.19	27	68.58

Shorea robusta/ (Sal)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	70	21.34	45	114.30
2	70	21.34	50	127.00
3	25	7.62	12	30.48
4	25	7.62	14	35.56
5	25	7.62	16	40.64

Holarrhena antidysenterica/ (Kurchi)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10
2	25	7.62	18	45.72
3	35	10.67	20	50.80
4	20	6.10	16	40.64

Alstonia scholaris/ (Chatim)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	90	27.43	55	139.70
2	30	9.14	44	111.76
3	70	21.34	50	127.00

Morinda tomentosa				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	20	6.10	18	45.72
2	40	12.19	22	55.88
3	35	10.67	25	63.50

Streblus asper/ (Saora)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	22	55.88
2	40	12.19	25	63.50

Azadirachta indica/ (Neem)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	20	6.10	18	45.72

Syzygium jambolanum/ (Jaam)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	30	9.14	31	78.74

Lagerostromia parviflora/ (Sidha)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	70	21.34	55	139.70

Bombax ceiba/ (Simul)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	55	16.76	29	73.66

Naringi crenulata/ (Bonomali)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	15	4.57	18	45.72

Albizia lebbeck/ (Siris)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	40	12.19	33	83.82

Aegle mermalos/ (Bel)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	60	18.29	50	127

Anogeissus latifolia/ (Dhaw)				
	Height		Girth	
Sl no.	(ft)	(m)	(inch)	(cm)
1	25	7.62	16	40.64

KANKRAJHORE

Kankrajhore SP 1

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	26	66.04	41	30	9.14	17	43.18	81	35	10.67	26	66.04
2	30	9.14	22	55.88	42	12	3.66	12	30.48	82	35	10.67	15	38.10
3	15	4.57	11	27.94	43	35	10.67	18	45.72	83	30	9.14	18	45.72
4	40	12.19	24	60.96	44	45	13.72	25	63.50	84	40	12.19	32	81.28
5	25	7.62	20	50.80	45	35	10.67	13	33.02	85	35	10.67	25	63.50
6	50	15.24	13	33.02	46	50	15.24	21	53.34	86	45	13.72	29	73.66
7	20	6.10	14	35.56	47	20	6.10	12	30.48	87	40	12.19	18	45.72
8	25	7.62	17	43.18	48	50	15.24	28	71.12	88	35	10.67	21	53.34
9	26	7.92	11	27.94	49	40	12.19	26	66.04	89	35	10.67	12	30.48
10	36	10.97	13	33.02	50	25	7.62	17	43.18	90	26	7.92	13	33.02
11	40	12.19	22	55.88	51	20	6.10	10	25.40	91	40	12.19	40	101.60
12	20	6.10	14	35.56	52	30	9.14	13	33.02	92	42	12.80	22	55.88
13	14	4.27	24	60.96	53	12	3.66	19	48.26	93	25	7.62	21	53.34
14	30	9.14	24	60.96	54	22	6.71	14	35.56	94	35	10.67	23	58.42
15	30	9.14	28	71.12	55	25	7.62	17	43.18	95	30	9.14	16	40.64
16	15	4.57	10	25.40	56	30	9.14	16	40.64	96	40	12.19	19	48.26
17	30	9.14	23	58.42	57	25	7.62	15	38.10	97	25	7.62	16	40.64
18	15	4.57	10	25.40	58	30	9.14	21	53.34	98	25	7.62	15	38.10
19	40	12.19	28	71.12	59	20	6.10	11	27.94	99	30	9.14	12	30.48
20	40	12.19	29	73.66	60	30	9.14	16	40.64	100	35	10.67	20	50.80
21	45	13.72	30	76.20	61	20	6.10	12	30.48	101	40	12.19	20	50.80
22	40	12.19	25	63.50	62	24	7.32	14	35.56	102	35	10.67	18	45.72
23	20	6.10	10	25.40	63	40	12.19	22	55.88	103	25	7.62	13	33.02
24	30	9.14	16	40.64	64	25	7.62	19	48.26	104	25	7.62	14	35.56
25	40	12.19	27	68.58	65	35	10.67	26	66.04	105	20	6.10	16	40.64
26	40	12.19	22	55.88	66	20	6.10	11	27.94	106	45	13.72	16	40.64
27	50	15.24	30	76.20	67	27	8.23	19	48.26	107	30	9.14	14	35.56
28	40	12.19	26	66.04	68	35	10.67	22	55.88	108	35	10.67	21	53.34
29	20	6.10	10	25.40	69	25	7.62	14	35.56	109	30	9.14	16	40.64
30	15	4.57	11	27.94	70	35	10.67	20	50.80	110	25	7.62	13	33.02
31	30	9.14	22	55.88	71	25	7.62	16	40.64	111	25	7.62	14	35.56
32	40	12.19	27	68.58	72	20	6.10	18	45.72	112	30	9.14	13	33.02
33	30	9.14	14	35.56	73	35	10.67	19	48.26	113	30	9.14	23	58.42
34	25	7.62	10	25.40	74	35	10.67	19	48.26	114	40	12.19	26	66.04
35	20	6.10	10	25.40	75	35	10.67	15	38.10	115	45	13.72	30	76.20
36	30	9.14	14	35.56	76	25	7.62	15	38.10	116	40	12.19	18	45.72
37	50	15.24	26	66.04	77	25	7.62	12	30.48	117	30	9.14	17	43.18
38	40	12.19	22	55.88	78	35	10.67	25	63.50	118	35	10.67	16	40.64
39	20	6.10	13	33.02	79	30	9.14	15	38.10	119	25	7.62	13	33.02
40	30	9.14	18	45.72	80	35	10.67	12	30.48	120	35	10.67	22	55.88

KANKRAJHORE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	50	15.24	33	83.82	161	55	16.76	58	147.32	201	30	9.14	13	33.02
122	55	16.76	24	60.96	162	45	13.72	25	63.50	202	40	12.19	36	91.44
123	32	9.75	16	40.64	163	30	9.14	16	40.64	203	35	10.67	17	43.18
124	25	7.62	18	45.72	164	40	12.19	28	71.12	204	40	12.19	28	71.12
125	50	15.24	25	63.50	165	45	13.72	27	68.58	205	24	7.32	17	43.18
126	25	7.62	13	33.02	166	35	10.67	21	53.34	206	50	15.24	28	71.12
127	55	16.76	31	78.74	167	35	10.67	12	30.48	207	30	9.14	13	33.02
128	25	7.62	15	38.10	168	30	9.14	20	50.80	208	25	7.62	12	30.48
129	35	10.67	27	68.58	169	35	10.67	18	45.72	209	30	9.14	17	43.18
130	40	12.19	23	58.42	170	25	7.62	18	45.72	210	65	19.81	30	76.20
131	18	5.49	14	35.56	171	40	12.19	32	81.28	211	35	10.67	25	63.50
132	35	10.67	22	55.88	172	30	9.14	23	58.42	212	45	13.72	38	96.52
133	20	6.10	13	33.02	173	35	10.67	22	55.88	213	50	15.24	32	81.28
134	25	7.62	14	35.56	174	40	12.19	15	38.10	214	25	7.62	20	50.80
135	35	10.67	19	48.26	175	45	13.72	15	38.10	215	23	7.01	20	50.80
136	35	10.67	23	58.42	176	35	10.67	20	50.80	216	32	9.75	25	63.50
137	20	6.10	12	30.48	177	50	15.24	27	68.58	217	18	5.49	13	33.02
138	35	10.67	30	76.20	178	30	9.14	13	33.02	218	35	10.67	16	40.64
139	40	12.19	18	45.72	179	32	9.75	22	55.88	219	36	10.97	18	45.72
140	35	10.67	21	53.34	180	45	13.72	20	50.80	220	56	17.07	31	78.74
141	35	10.67	15	38.10	181	30	9.14	17	43.18	221	25	7.62	24	60.96
142	35	10.67	39	99.06	182	30	9.14	17	43.18	222	40	12.19	19	48.26
143	35	10.67	21	53.34	183	30	9.14	17	43.18	223	35	10.67	24	60.96
144	35	10.67	16	40.64	184	45	13.72	21	53.34	224	40	12.19	19	48.26
145	60	18.29	34	86.36	185	35	10.67	18	45.72	225	42	12.80	31	78.74
146	25	7.62	23	58.42	186	35	10.67	19	48.26	226	45	13.72	22	55.88
147	35	10.67	24	60.96	187	35	10.67	20	50.80	227	44	13.41	20	50.80
148	30	9.14	24	60.96	188	35	10.67	17	43.18	228	35	10.67	19	48.26
149	35	10.67	22	55.88	189	40	12.19	20	50.80	229	50	15.24	24	60.96
150	30	9.14	15	38.10	190	60	18.29	25	63.50	230	52	15.85	24	60.96
151	50	15.24	20	50.80	191	50	15.24	21	53.34	231	25	7.62	15	38.10
152	50	15.24	17	43.18	192	30	9.14	17	43.18	232	38	11.58	23	58.42
153	45	13.72	25	63.50	193	35	10.67	17	43.18	233	55	16.76	27	68.58
154	20	6.10	27	68.58	194	35	10.67	17	43.18	234	63	19.20	27	68.58
155	35	10.67	16	40.64	195	30	9.14	14	35.56	235	22	6.71	10	25.40
156	35	10.67	16	40.64	196	36	10.97	18	45.72	236	35	10.67	16	40.64
157	30	9.14	13	33.02	197	17	5.18	40	101.60	237	30	9.14	22	55.88
158	45	13.72	21	53.34	198	26	7.92	40	101.60	238	20	6.10	11	27.94
159	45	13.72	30	76.20	199	40	12.19	16	40.64	239	35	10.67	18	45.72
160	35	10.67	20	50.80	200	40	12.19	19	48.26	240	30	9.14	16	40.64

KANKRAJHORE

Shorea robusta / (Sal)										*Terminalia bellirica* / (Bohera)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	20	6.10	15	38.10	281	35	10.67	20	50.80	1	20	6.10	17	43.18
242	35	10.67	19	48.26	282	32	9.75	22	55.88	2	25	7.62	12	30.48
243	35	10.67	21	53.34	283	24	7.32	14	35.56	3	35	10.67	19	48.26
244	30	9.14	16	40.64	284	38	11.58	34	86.36	4	35	10.67	12	30.48
245	25	7.62	13	33.02	285	30	9.14	16	40.64					
246	45	13.72	20	50.80	286	26	7.92	13	33.02					
247	40	12.19	17	43.18	287	30	9.14	18	45.72					
248	25	7.62	15	38.10	288	30	9.14	26	66.04	*Terminalia tomentosa* / (Ason)				
249	37	11.28	17	43.18	289	20	6.10	16	40.64	SL. NO.	Height		Girth	
250	42	12.80	25	63.50	290	23	7.01	17	43.18		ft	m	inch	cm
251	50	15.24	23	58.42	291	35	10.67	21	53.34	1	25	7.62	14	35.56
252	32	9.75	19	48.26	292	30	9.14	17	43.18	2	6	1.83	15	38.10
253	35	10.67	13	33.02	293	32	9.75	20	50.80	3	30	9.14	27	68.58
254	30	9.14	35	88.90	294	31	9.45	21	53.34	4	20	6.10	10	25.40
255	45	13.72	20	50.80	295	32	9.75	15	38.10	5	35	10.67	17	43.18
256	30	9.14	28	71.12	296	21	6.40	15	38.10	6	40	12.19	19	48.26
257	35	10.67	20	50.80	297	25	7.62	17	43.18	7	20	6.10	14	35.56
258	25	7.62	12	30.48	298	27	8.23	14	35.56	8	30	9.14	16	40.64
259	25	7.62	14	35.56	299	42	12.80	23	58.42	9	30	9.14	16	40.64
260	30	9.14	23	58.42	300	51	15.54	46	116.84	10	35	10.67	18	45.72
261	25	7.62	11	27.94	301	27	8.23	15	38.10	11	45	13.72	14	35.56
262	30	9.14	19	48.26	302	25	7.62	13	33.02	12	35	10.67	19	48.26
263	30	9.14	16	40.64	303	32	9.75	27	68.58	13	20	6.10	12	30.48
264	25	7.62	13	33.02	304	20	6.10	13	33.02	14	35	10.67	14	35.56
265	25	7.62	16	40.64	305	40	12.19	34	86.36	15	25	7.62	12	30.48
266	35	10.67	26	66.04	306	32	9.75	16	40.64	16	40	12.19	23	58.42
267	30	9.14	20	50.80	307	35	10.67	19	48.26	17	35	10.67	26	66.04
268	20	6.10	25	63.50	308	30	9.14	24	60.96	18	20	6.10	12	30.48
269	24	7.32	15	38.10	309	40	12.19	22	55.88					
270	32	9.75	20	50.80	310	32	9.75	22	55.88					
271	20	6.10	30	76.20	311	45	13.72	19	48.26					
272	25	7.62	18	45.72	312	29	8.84	16	40.64	*Terminalia chebula* / (Horitoki)				
273	20	6.10	11	27.94						SL. NO.	Height		Girth	
274	22	6.71	11	27.94							ft	m	inch	cm
275	30	9.14	20	50.80						1	25	7.62	18	45.72
276	19	5.79	12	30.48	*Adina cordifolia* / (Karam/Holdu)					2	32	9.75	19	48.26
277	25	7.62	17	43.18	SL. NO.	Height		Girth		3	35	10.67	12	30.48
278	30	9.14	19	48.26		ft	m	inch	cm	4	35	10.67	24	60.96
279	30	9.14	18	45.72	1	25	7.62	12	30.48	5	25	7.62	27	68.58
280	20	6.10	12	30.48	2	12	3.66	20	50.80	6	26	7.92	17	43.18

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Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	10	25.40
2	12	3.66	18	45.72
3	20	6.10	13	33.02
4	40	12.19	34	86.36
5	12	3.66	15	38.10
6	20	6.10	11	27.94
7	15	4.57	18	45.72
8	45	13.72	49	124.46
9	15	4.57	10	25.40
10	25	7.62	12	30.48
11	25	7.62	21	53.34
12	50	15.24	28	71.12
13	50	15.24	36	91.44
14	60	18.29	50	127.00
15	60	18.29	44	111.76
16	25	7.62	37	93.98
17	25	7.62	16	40.64
18	55	16.76	46	116.84
19	35	10.67	47	119.38
20	20	6.10	12	30.48
21	35	10.67	45	114.30
22	15	4.57	15	38.10
23	12	3.66	10	25.40
24	40	12.19	37	93.98
25	52	15.85	41	104.14
26	35	10.67	39	99.06

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48
2	35	10.67	15	38.10
3	32	9.75	27	68.58
4	15	4.57	9	22.86
5	25	7.62	12	30.48
6	30	9.14	13	33.02
7	30	9.14	34	86.36
8	17	5.18	19	48.26

Ixora arborea / (Lohajangi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	10	25.40
2	20	6.10	12	30.48
3	20	6.10	16	40.64

Madhuca latifolia / (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	14	35.56
2	30	9.14	15	38.10
3	35	10.67	40	101.60
4	40	12.19	45	114.30
5	35	10.67	14	35.56
6	35	10.67	28	71.12
7	40	12.19	38	96.52
8	20	6.10	15	38.10
9	32	9.75	23	58.42
10	40	12.19	18	45.72
11	22	6.71	17	43.18

Careya arborea / (Astha/Kumbhi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	14	35.56
2	35	10.67	22	55.88
3	35	10.67	20	50.80
4	45	13.72	28	71.12
5	35	10.67	13	33.02
6	40	12.19	14	35.56
7	25	7.62	16	40.64
8	25	7.62	14	35.56
9	25	7.62	14	35.56

Holarrhena antidysenterica / (Kurchi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	11	27.94

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56
2	35	10.67	10	25.40
3	40	12.19	17	43.18
4	20	6.10	10	25.40
5	30	9.14	21	53.34
6	30	9.14	34	86.36
7	30	9.14	16	40.64
8	30	9.14	12	30.48
9	25	7.62	15	38.10
10	35	10.67	17	43.18
11	30	9.14	21	53.34
12	25	7.62	17	43.18
13	25	7.62	15	38.10
14	24	7.32	17	43.18
15	30	9.14	16	40.64
16	35	10.67	30	76.20
17	20	6.10	14	35.56
18	35	10.67	24	60.96
19	22	6.71	10	25.40
20	25	7.62	16	40.64
21	18	5.49	12	30.48
22	24	7.32	16	40.64
23	30	9.14	19	48.26
24	25	7.62	16	40.64
25	45	13.72	24	60.96
26	20	6.10	11	27.94
27	25	7.62	14	35.56
28	20	6.10	16	40.64
29	25	7.62	11	27.94
30	30	9.14	17	43.18
31	25	7.62	14	35.56
32	28	8.53	11	27.94
33	34	10.36	17	43.18
34	30	9.14	12	30.48
35	30	9.14	16	40.64
36	25	7.62	14	35.56
37	25	7.62	13	33.02
38	30	9.14	16	40.64
39	24	7.32	15	38.10
40	32	9.75	21	53.34

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***Buchanania lanzan* / (Piyal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
41	35	10.67	20	50.80
42	35	10.67	25	63.50
43	22	6.71	17	43.18
44	32	9.75	25	63.50

***Semecarpas anacardium* / (Vella)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	21	53.34
2	25	7.62	13	33.02
3	26	7.92	10	25.40
4	18	5.49	10	25.40
5	45	13.72	15	38.10
6	40	12.19	14	35.56
7	35	10.67	15	38.10
8	25	7.62	13	33.02
9	30	9.14	26	66.04
10	35	10.67	18	45.72
11	20	6.10	14	35.56
12	25	7.62	13	33.02
13	35	10.67	14	35.56
14	32	9.75	16	40.64
15	24	7.32	10	25.40
16	35	10.67	16	40.64
17	25	7.62	13	33.02
18	24	7.32	10	25.40
19	32	9.75	11	27.94

***Albizia lebbeck* / (Sada Siria/ Siris)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	30	76.20
2	40	12.19	29	73.66

***Lannea coromandelica* / (Jeol/ Doka)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	20	6.10	12	30.48
3	25	7.62	14	35.56
4	15	4.57	12	30.48
5	35	10.67	24	60.96
6	35	10.67	28	71.12
7	30	9.14	18	45.72
8	30	9.14	17	43.18
9	40	12.19	26	66.04
10	35	10.67	23	58.42
11	25	7.62	15	38.10
12	25	7.62	18	45.72
13	35	10.67	19	48.26
14	20	6.10	11	27.94
15	20	6.10	15	38.10
16	35	10.67	30	76.20
17	35	10.67	21	53.34
18	40	12.19	27	68.58
19	26	7.92	15	38.10
20	35	10.67	20	50.80
21	30	9.14	22	55.88
22	40	12.19	23	58.42
23	25	7.62	18	45.72
24	25	7.62	16	40.64
25	30	9.14	19	48.26
26	40	12.19	17	43.18
27	35	10.67	18	45.72
28	35	10.67	26	66.04
29	18	5.49	14	35.56
30	30	9.14	18	45.72
31	25	7.62	13	33.02
32	25	7.62	13	33.02
33	18	5.49	11	27.94
34	25	7.62	17	43.18
35	20	6.10	16	40.64
36	20	6.10	15	38.10
37	26	7.92	14	35.56
38	25	7.62	24	60.96
39	25	7.62	16	40.64
40	15	4.57	10	25.40

SL. NO.	Height		Girth	
	ft	m	inch	cm
41	30	9.14	13	33.02
42	35	10.67	20	50.80
43	24	7.32	16	40.64
44	25	7.62	16	40.64
45	40	12.19	24	60.96
46	25	7.62	17	43.18
47	19	5.79	15	38.10
48	18	5.49	15	38.10
49	30	9.14	22	55.88

***Anogeissus latifolia* / (Dhaw)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	27	8.23	12	30.48

***Soymida febrifuga* / (Rohora)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	15	38.10
2	40	12.19	26	66.04
3	22	6.71	11	27.94
4	35	10.67	20	50.80
5	40	12.19	19	48.26
6	30	9.14	16	40.64
7	20	6.10	13	33.02
8	17	5.18	12	30.48
9	32	9.75	15	38.10
10	25	7.62	12	30.48

***Mitragyna parviflora* / (Kelikadam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	32	9.75	16	40.64	41	31	9.45	17	43.18	81	30	9.14	27	68.58
2	35	10.67	17	43.18	42	46	14.02	21	53.34	82	28	8.53	15	38.10
3	35	10.67	14	35.56	43	35	10.67	13	33.02	83	28	8.53	16	40.64
4	30	9.14	14	35.56	44	38	11.58	17	43.18	84	30	9.14	12	30.48
5	35	10.67	21	53.34	45	26	7.92	10	25.40	85	35	10.67	24	60.96
6	30	9.14	10	25.40	46	16	4.88	10	25.40	86	42	12.80	26	66.04
7	22	6.71	10	25.40	47	28	8.53	16	40.64	87	40	12.19	19	48.26
8	27	8.23	17	43.18	48	25	7.62	17	43.18	88	45	13.72	25	63.50
9	40	12.19	24	60.96	49	22	6.71	11	27.94	89	28	8.53	14	35.56
10	35	10.67	19	48.26	50	20	6.10	10	25.40	90	15	4.57	12	30.48
11	30	9.14	22	55.88	51	17	5.18	10	25.40	91	30	9.14	14	35.56
12	32	9.75	19	48.26	52	30	9.14	16	40.64	92	40	12.19	19	48.26
13	22	6.71	11	27.94	53	22	6.71	10	25.40	93	28	8.53	10	25.40
14	33	10.06	20	50.80	54	35	10.67	20	50.80	94	35	10.67	20	50.80
15	26	7.92	16	40.64	55	32	9.75	18	45.72	95	25	7.62	15	38.10
16	36	10.97	20	50.80	56	30	9.14	15	38.10	96	35	10.67	15	38.10
17	23	7.01	10	25.40	57	32	9.75	15	38.10	97	40	12.19	24	60.96
18	26	7.92	14	35.56	58	29	8.84	16	40.64	98	50	15.24	26	66.04
19	27	8.23	15	38.10	59	42	12.80	23	58.42	99	28	8.53	16	40.64
20	35	10.67	18	45.72	60	26	7.92	14	35.56	100	35	10.67	26	66.04
21	35	10.67	23	58.42	61	40	12.19	24	60.96	101	42	12.80	25	63.50
22	32	9.75	20	50.80	62	45	13.72	20	50.80	102	42	12.80	26	66.04
23	32	9.75	16	40.64	63	50	15.24	23	58.42	103	40	12.19	18	45.72
24	28	8.53	13	33.02	64	40	12.19	19	48.26	104	40	12.19	15	38.10
25	32	9.75	23	58.42	65	18	5.49	10	25.40	105	42	12.80	24	60.96
26	27	8.23	11	27.94	66	46	14.02	26	66.04	106	38	11.58	17	43.18
27	23	7.01	12	30.48	67	35	10.67	21	53.34	107	39	11.89	16	40.64
28	42	12.80	24	60.96	68	40	12.19	20	50.80	108	25	7.62	10	25.40
29	35	10.67	17	43.18	69	40	12.19	15	38.10	109	50	15.24	25	63.50
30	50	15.24	24	60.96	70	25	7.62	10	25.40	110	40	12.19	12	30.48
31	40	12.19	21	53.34	71	40	12.19	20	50.80	111	30	9.14	16	40.64
32	42	12.80	17	43.18	72	38	11.58	21	53.34	112	60	18.29	40	101.60
33	40	12.19	15	38.10	73	25	7.62	11	27.94	113	34	10.36	16	40.64
34	30	9.14	15	38.10	74	30	9.14	11	27.94	114	30	9.14	17	43.18
35	30	9.14	12	30.48	75	40	12.19	22	55.88	115	32	9.75	17	43.18
36	42	12.80	20	50.80	76	35	10.67	20	50.80	116	31	9.45	18	45.72
37	36	10.97	22	55.88	77	20	6.10	10	25.40	117	30	9.14	19	48.26
38	35	10.67	15	38.10	78	27	8.23	10	25.40	118	26	7.92	15	38.10
39	50	15.24	28	71.12	79	40	12.19	14	35.56	119	30	9.14	10	25.40
40	26	7.92	12	30.48	80	40	12.19	21	53.34	120	45	13.72	38	96.52

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	32	9.75	19	48.26	161	30	9.14	18	45.72	201	32	9.75	17	43.18
122	30	9.14	13	33.02	162	35	10.67	15	38.10	202	42	12.80	19	48.26
123	32	9.75	28	71.12	163	20	6.10	12	30.48	203	40	12.19	21	53.34
124	30	9.14	20	50.80	164	30	9.14	17	43.18	204	53	16.15	31	78.74
125	40	12.19	23	58.42	165	20	6.10	10	25.40	205	27	8.23	10	25.40
126	33	10.06	25	63.50	166	40	12.19	19	48.26	206	31	9.45	15	38.10
127	30	9.14	17	43.18	167	35	10.67	20	50.80	207	60	18.29	25	63.50
128	29	8.84	11	27.94	168	30	9.14	12	30.48	208	21	6.40	12	30.48
129	38	11.58	20	50.80	169	40	12.19	15	38.10	209	20	6.10	12	30.48
130	30	9.14	13	33.02	170	30	9.14	17	43.18	210	38	11.58	17	43.18
131	25	7.62	10	25.40	171	30	9.14	16	40.64	211	40	12.19	16	40.64
132	42	12.80	35	88.90	172	30	9.14	20	50.80	212	36	10.97	19	48.26
133	25	7.62	10	25.40	173	40	12.19	24	60.96	213	25	7.62	20	50.80
134	26	7.92	11	27.94	174	25	7.62	12	30.48	214	35	10.67	24	60.96
135	22	6.71	14	35.56	175	15	4.57	10	25.40	215	40	12.19	16	40.64
136	30	9.14	11	27.94	176	20	6.10	12	30.48	216	38	11.58	25	63.50
137	29	8.84	16	40.64	177	22	6.71	14	35.56	217	14	4.27	10	25.40
138	30	9.14	13	33.02	178	35	10.67	20	50.80	218	42	12.80	17	43.18
139	22	6.71	10	25.40	179	32	9.75	21	53.34	219	40	12.19	15	38.10
140	14	4.27	12	30.48	180	26	7.92	12	30.48	220	45	13.72	18	45.72
141	24	7.32	10	25.40	181	30	9.14	11	27.94	221	20	6.10	10	25.40
142	30	9.14	16	40.64	182	20	6.10	10	25.40	222	35	10.67	21	53.34
143	25	7.62	12	30.48	183	23	7.01	12	30.48	223	48	14.63	24	60.96
144	30	9.14	19	48.26	184	32	9.75	18	45.72	224	40	12.19	21	53.34
145	35	10.67	16	40.64	185	14	4.27	10	25.40	225	12	3.66	17	43.18
146	20	6.10	10	25.40	186	40	12.19	19	48.26	226	20	6.10	9	22.86
147	30	9.14	16	40.64	187	20	6.10	13	33.02	227	30	9.14	12	30.48
148	40	12.19	21	53.34	188	33	10.06	24	60.96	228	20	6.10	14	35.56
149	20	6.10	15	38.10	189	25	7.62	14	35.56	229	27	8.23	23	58.42
150	30	9.14	23	58.42	190	42	12.80	21	53.34	230	35	10.67	17	43.18
151	30	9.14	16	40.64	191	22	6.71	12	30.48	231	22	6.71	14	35.56
152	50	15.24	21	53.34	192	32	9.75	15	38.10	232	25	7.62	12	30.48
153	50	15.24	26	66.04	193	25	7.62	11	27.94	233	20	6.10	13	33.02
154	35	10.67	21	53.34	194	30	9.14	14	35.56	234	30	9.14	18	45.72
155	22	6.71	15	38.10	195	25	7.62	28	71.12	235	32	9.75	16	40.64
156	20	6.10	10	25.40	196	30	9.14	17	43.18	236	30	9.14	17	43.18
157	45	13.72	16	40.64	197	35	10.67	12	30.48	237	32	9.75	17	43.18
158	23	7.01	10	25.40	198	35	10.67	21	53.34	238	28	8.53	20	50.80
159	15	4.57	10	25.40	199	40	12.19	22	55.88	239	20	6.10	12	30.48
160	50	15.24	25	63.50	200	45	13.72	39	99.06	240	28	8.53	14	35.56

KANKRAJHORE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	22	6.71	14	35.56	281	35	10.67	16	40.64	321	25	7.62	11	27.94
242	38	11.58	24	60.96	282	27	8.23	10	25.40	322	30	9.14	15	38.10
243	32	9.75	15	38.10	283	20	6.10	11	27.94	323	25	7.62	17	43.18
244	40	12.19	18	45.72	284	17	5.18	11	27.94	324	18	5.49	10	25.40
245	30	9.14	15	38.10	285	35	10.67	14	35.56	325	25	7.62	9	22.86
246	25	7.62	13	33.02	286	45	13.72	32	81.28	326	25	7.62	11	27.94
247	50	15.24	28	71.12	287	24	7.32	19	48.26	327	25	7.62	19	48.26
248	30	9.14	10	25.40	288	28	8.53	15	38.10	328	35	10.67	20	50.80
249	45	13.72	24	60.96	289	40	12.19	27	68.58	329	30	9.14	19	48.26
250	42	12.80	26	66.04	290	27	8.23	12	30.48	330	20	6.10	12	30.48
251	23	7.01	14	35.56	291	35	10.67	19	48.26	331	40	12.19	25	63.50
252	35	10.67	19	48.26	292	32	9.75	20	50.80	332	10	3.05	23	58.42
253	30	9.14	14	35.56	293	40	12.19	25	63.50	333	25	7.62	13	33.02
254	30	9.14	12	30.48	294	22	6.71	10	25.40	334	42	12.80	17	43.18
255	35	10.67	18	45.72	295	18	5.49	10	25.40	335	20	6.10	10	25.40
256	40	12.19	24	60.96	296	25	7.62	15	38.10	336	27	8.23	20	50.80
257	32	9.75	14	35.56	297	20	6.10	10	25.40	337	40	12.19	19	48.26
258	40	12.19	31	78.74	298	23	7.01	19	48.26	338	25	7.62	17	43.18
259	20	6.10	10	25.40	299	20	6.10	11	27.94	339	18	5.49	10	25.40
260	25	7.62	15	38.10	300	45	13.72	31	78.74	340	15	4.57	8	20.32
261	22	6.71	16	40.64	301	25	7.62	9	22.86	341	20	6.10	10	25.40
262	33	10.06	22	55.88	302	24	7.32	9	22.86	342	25	7.62	14	35.56
263	19	5.79	12	30.48	303	15	4.57	17	43.18	343	35	10.67	15	38.10
264	42	12.80	25	63.50	304	21	6.40	10	25.40	344	48	14.63	22	55.88
265	38	11.58	19	48.26	305	30	9.14	22	55.88	345	30	9.14	15	38.10
266	26	7.92	11	27.94	306	40	12.19	20	50.80	346	35	10.67	14	35.56
267	22	6.71	15	38.10	307	35	10.67	24	60.96	347	28	8.53	15	38.10
268	22	6.71	10	25.40	308	40	12.19	20	50.80	348	30	9.14	12	30.48
269	21	6.40	19	48.26	309	38	11.58	17	43.18	349	40	12.19	20	50.80
270	35	10.67	15	38.10	310	35	10.67	21	53.34	350	23	7.01	10	25.40
271	33	10.06	13	33.02	311	38	11.58	23	58.42	351	16	4.88	9	22.86
272	22	6.71	10	25.40	312	21	6.40	10	25.40	352	17	5.18	10	25.40
273	45	13.72	17	43.18	313	36	10.97	17	43.18	353	30	9.14	21	53.34
274	25	7.62	13	33.02	314	38	11.58	22	55.88	354	18	5.49	14	35.56
275	30	9.14	14	35.56	315	35	10.67	20	50.80	355	28	8.53	16	40.64
276	21	6.40	9	22.86	316	45	13.72	27	68.58	356	35	10.67	16	40.64
277	25	7.62	22	55.88	317	25	7.62	14	35.56	357	34	10.36	20	50.80
278	40	12.19	16	40.64	318	22	6.71	18	45.72	358	28	8.53	10	25.40
279	30	9.14	20	50.80	319	20	6.10	11	27.94	359	10	3.05	12	30.48
280	32	9.75	16	40.64	320	33	10.06	13	33.02	360	40	12.19	16	40.64

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Shorea robusta / (Sal)					*Buchanania lanzan* / (Piyal)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	42	12.80	22	55.88	1	37	11.28	17	43.18	41	30	9.14	16	40.64
362	35	10.67	23	58.42	2	17	5.18	12	30.48	42	28	8.53	25	63.50
363	27	8.23	10	25.40	3	14	4.27	12	30.48	43	18	5.49	11	27.94
364	30	9.14	18	45.72	4	20	6.10	15	38.10	44	38	11.58	21	53.34
365	16	4.88	11	27.94	5	20	6.10	10	25.40	45	32	9.75	27	68.58
366	22	6.71	10	25.40	6	18	5.49	10	25.40	46	41	12.50	32	81.28
367	30	9.14	18	45.72	7	40	12.19	18	45.72	47	20	6.10	11	27.94
368	20	6.10	10	25.40	8	40	12.19	19	48.26	48	30	9.14	21	53.34
369	32	9.75	17	43.18	9	30	9.14	15	38.10	49	26	7.92	20	50.80
370	30	9.14	19	48.26	10	14	4.27	10	25.40	50	20	6.10	10	25.40
371	30	9.14	18	45.72	11	36	10.97	13	33.02	51	30	9.14	13	33.02
372	25	7.62	12	30.48	12	26	7.92	12	30.48	52	26	7.92	20	50.80
373	32	9.75	14	35.56	13	40	12.19	19	48.26	53	20	6.10	10	25.40
374	22	6.71	9	22.86	14	27	8.23	11	27.94	54	30	9.14	13	33.02
375	20	6.10	9	22.86	15	18	5.49	10	25.40	55	30	9.14	12	30.48
376	47	14.33	26	66.04	16	22	6.71	10	25.40	56	20	6.10	10	25.40
377	35	10.67	22	55.88	17	22	6.71	10	25.40	57	22	6.71	9	22.86
378	22	6.71	13	33.02	18	30	9.14	13	33.02	58	30	9.14	12	30.48
379	42	12.80	23	58.42	19	35	10.67	13	33.02	59	18	5.49	9	22.86
380	25	7.62	9	22.86	20	30	9.14	16	40.64	60	32	9.75	20	50.80
381	32	9.75	19	48.26	21	25	7.62	13	33.02	61	20	6.10	11	27.94
382	37	11.28	15	38.10	22	30	9.14	12	30.48	62	14	4.27	9	22.86
383	42	12.80	19	48.26	23	30	9.14	15	38.10	63	20	6.10	11	27.94
384	40	12.19	21	53.34	24	30	9.14	15	38.10	64	20	6.10	10	25.40
385	42	12.80	18	45.72	25	25	7.62	10	25.40	65	25	7.62	13	33.02
386	23	7.01	11	27.94	26	28	8.53	16	40.64	66	21	6.40	20	50.80
387	25	7.62	15	38.10	27	25	7.62	11	27.94	67	20	6.10	12	30.48
388	22	6.71	8	20.32	28	36	10.97	14	35.56	68	22	6.71	10	25.40
389	35	10.67	21	53.34	29	36	10.97	19	48.26	69	30	9.14	18	45.72
390	34	10.36	20	50.80	30	21	6.40	10	25.40	70	25	7.62	17	43.18
391	28	8.53	15	38.10	31	20	6.10	12	30.48	71	26	7.92	18	45.72
392	28	8.53	13	33.02	32	15	4.57	10	25.40	72	25	7.62	15	38.10
393	25	7.62	12	30.48	33	25	7.62	14	35.56	73	23	7.01	11	27.94
394	40	12.19	24	60.96	34	25	7.62	15	38.10	74	22	6.71	10	25.40
395	32	9.75	24	60.96	35	12	3.66	10	25.40	75	20	6.10	15	38.10
					36	30	9.14	10	25.40	76	35	10.67	24	60.96
					37	15	4.57	10	25.40	77	20	6.10	11	27.94
					38	20	6.10	10	25.40	78	30	9.14	19	48.26
					39	22	6.71	10	25.40	79	30	9.14	17	43.18
					40	25	7.62	13	33.02	80	12	3.66	10	25.40

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Buchanania lanzan / (Piyal)					*Terminalia tomentosa* / (Ason)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
81	42	12.80	24	60.96	1	30	9.14	17	43.18	41	22	6.71	13	33.02
82	36	10.97	27	68.58	2	25	7.62	10	25.40	42	18	5.49	9	22.86
83	32	9.75	17	43.18	3	10	3.05	20	50.80	43	25	7.62	16	40.64
84	27	8.23	10	25.40	4	30	9.14	14	35.56	44	22	6.71	9	22.86
85	30	9.14	20	50.80	5	27	8.23	14	35.56	45	29	8.84	14	35.56
86	16	4.88	8	20.32	6	27	8.23	16	40.64	46	13	3.96	10	25.40
87	21	6.40	12	30.48	7	25	7.62	12	30.48	47	15	4.57	9	22.86
88	22	6.71	11	27.94	8	37	11.28	17	43.18	48	36	10.97	22	55.88
89	28	8.53	14	35.56	9	28	8.53	12	30.48	49	18	5.49	10	25.40
90	22	6.71	12	30.48	10	27	8.23	12	30.48	50	34	10.36	14	35.56
91	18	5.49	8	20.32	11	20	6.10	10	25.40	51	25	7.62	13	33.02
92	22	6.71	10	25.40	12	30	9.14	14	35.56	52	12	3.66	12	30.48
93	36	10.97	15	38.10	13	40	12.19	20	50.80	53	42	12.80	20	50.80
94	38	11.58	17	43.18	14	25	7.62	11	27.94	54	20	6.10	10	25.40
95	35	10.67	26	66.04	15	29	8.84	15	38.10	55	10	3.05	8	20.32
96	34	10.36	15	38.10	16	35	10.67	14	35.56	56	31	9.45	10	25.40
97	21	6.40	10	25.40	17	41	12.50	20	50.80	57	28	8.53	10	25.40
98	35	10.67	17	43.18	18	30	9.14	13	33.02	58	27	8.23	17	43.18
99	19	5.79	8	20.32	19	20	6.10	11	27.94	59	22	6.71	8	20.32
100	15	4.57	12	30.48	20	40	12.19	18	45.72	60	20	6.10	10	25.40
101	20	6.10	14	35.56	21	22	6.71	12	30.48	61	20	6.10	9	22.86
102	28	8.53	9	22.86	22	20	6.10	10	25.40					
103	28	8.53	12	30.48	23	22	6.71	10	25.40					
					24	30	9.14	18	45.72					
					25	15	4.57	10	25.40					
					26	21	6.40	15	38.10					
Lagerstroemia parviflora / (Sidha)					27	23	7.01	10	25.40					
SL. NO.	Height		Girth		28	45	13.72	20	50.80					
	ft	m	inch	cm	29	35	10.67	17	43.18					
1	24	7.32	14	35.56	30	27	8.23	17	43.18					
2	28	8.53	14	35.56	31	26	7.92	14	35.56					
3	28	8.53	21	53.34	32	22	6.71	10	25.40					
4	23	7.01	10	25.40	33	22	6.71	13	33.02					
5	18	5.49	11	27.94	34	23	7.01	10	25.40					
6	15	4.57	10	25.40	35	24	7.32	11	27.94					
7	14	4.27	8	20.32	36	21	6.40	12	30.48					
8	12	3.66	8	20.32	37	38	11.58	20	50.80					
9	22	6.71	10	25.40	38	20	6.10	11	27.94					
10	18	5.49	9	22.86	39	15	4.57	8	20.32					
11	20	6.10	9	22.86	40	23	7.01	9	22.86					

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	19	48.26
2	15	4.57	11	27.94
3	42	12.80	21	53.34
4	15	4.57	10	25.40
5	32	9.75	17	43.18
6	16	4.88	10	25.40
7	19	5.79	10	25.40
8	12	3.66	11	27.94
9	42	12.80	18	45.72
10	15	4.57	9	22.86
11	18	5.49	8	20.32
12	18	5.49	9	22.86
13	32	9.75	15	38.10

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Soymida febrifuga / (Rohora)										*Diospyros excelsa* / (Kendu)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	21	6.40	10	25.40	41	17	5.18	10	25.40	1	50	15.24	48	121.92
2	15	4.57	10	25.40	42	17	5.18	11	27.94	2	20	6.10	10	25.40
3	20	6.10	11	27.94	43	38	11.58	18	45.72	3	52	15.85	44	111.76
4	17	5.18	10	25.40	44	20	6.10	14	35.56	4	60	18.29	41	104.14
5	25	7.62	13	33.02	45	18	5.49	14	35.56	5	62	18.90	60	152.40
6	30	9.14	13	33.02	46	25	7.62	13	33.02	6	63	19.20	56	142.24
7	26	7.92	14	35.56	47	17	5.18	12	30.48	7	50	15.24	35	88.90
8	30	9.14	18	45.72	48	46	14.02	20	50.80	8	30	9.14	15	38.10
9	35	10.67	17	43.18	49	42	12.80	25	63.50	9	15	4.57	12	30.48
10	30	9.14	15	38.10	50	22	6.71	12	30.48	10	15	4.57	10	25.40
11	20	6.10	13	33.02	51	24	7.32	10	25.40	11	14	4.27	10	25.40
12	30	9.14	11	27.94	52	25	7.62	15	38.10	12	15	4.57	10	25.40
13	35	10.67	14	35.56	53	22	6.71	14	35.56	13	20	6.10	12	30.48
14	25	7.62	10	25.40	54	12	3.66	9	22.86	14	15	4.57	10	25.40
15	20	6.10	10	25.40	55	25	7.62	13	33.02	15	18	5.49	11	27.94
16	20	6.10	9	22.86	56	10	3.05	16	40.64	16	10	3.05	10	25.40
17	25	7.62	16	40.64	57	20	6.10	12	30.48	17	20	6.10	16	40.64
18	20	6.10	10	25.40	58	30	9.14	16	40.64	18	13	3.96	10	25.40
19	30	9.14	12	30.48	59	22	6.71	11	27.94	19	19	5.79	10	25.40
20	40	12.19	19	48.26	60	22	6.71	12	30.48	20	48	14.63	35	88.90
21	35	10.67	19	48.26	61	30	9.14	19	48.26	21	43	13.11	72	182.88
22	25	7.62	14	35.56	62	21	6.40	9	22.86	22	41	12.50	46	116.84
23	25	7.62	13	33.02	63	28	8.53	18	45.72	23	14	4.27	10	25.40
24	25	7.62	11	27.94	64	18	5.49	9	22.86	24	20	6.10	9	22.86
25	28	8.53	10	25.40	65	20	6.10	9	22.86	25	14	4.27	10	25.40
26	32	9.75	13	33.02	66	43	13.11	21	53.34	26	22	6.71	15	38.10
27	18	5.49	9	22.86	67	15	4.57	9	22.86	27	15	4.57	9	22.86
28	19	5.79	11	27.94	68	23	7.01	10	25.40	28	12	3.66	9	22.86
29	32	9.75	17	43.18	69	30	9.14	10	25.40	29	21	6.40	13	33.02
30	35	10.67	13	33.02						30	15	4.57	10	25.40
31	20	6.10	10	25.40						31	18	5.49	10	25.40
32	23	7.01	9	22.86						32	16	4.88	10	25.40
33	30	9.14	12	30.48	*Ougeinia oojeinensis* / (Panjan)					33	15	4.57	10	25.40
34	32	9.75	16	40.64	SL. NO.	Height		Girth		34	20	6.10	7	17.78
35	15	4.57	12	30.48		ft	m	inch	cm	35	17	5.18	11	27.94
36	20	6.10	14	35.56	1	20	6.10	10	25.40	36	10	3.05	7	17.78
37	18	5.49	13	33.02	2	18	5.49	10	25.40	37	12	3.66	8	20.32
38	14	4.27	10	25.40	3	23	7.01	17	43.18	38	13	3.96	7	17.78
39	27	8.23	16	40.64	4	14	4.27	10	25.40	39	40	12.19	34	86.36
40	25	7.62	12	30.48	5	23	7.01	9	22.86	40	33	10.06	15	38.10

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Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	15	4.57	11	27.94
42	19	5.79	8	20.32
43	12	3.66	8	20.32
44	12	3.66	8	20.32
45	17	5.18	9	22.86

Madhuca latifolia / (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	37	93.98
2	40	12.19	29	73.66
3	30	9.14	16	40.64
4	25	7.62	10	25.40
5	18	5.49	10	25.40
6	47	14.33	37	93.98
7	35	10.67	18	45.72
8	35	10.67	33	83.82
9	20	6.10	10	25.40
10	30	9.14	16	40.64
11	27	8.23	25	63.50
12	40	12.19	35	88.90
13	18	5.49	12	30.48

Careya arborea / (Astha/Kumbhi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	17	43.18
2	14	4.27	11	27.94
3	25	7.62	19	48.26

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**10**	**3.05**	**13**	**33.02**

Lannea coromandelica / (Jeol/ Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	15	4.57	11	27.94
3	25	7.62	16	40.64
4	12	3.66	10	25.40
5	17	5.18	12	30.48
6	30	9.14	13	33.02
7	40	12.19	19	48.26
8	36	10.97	21	53.34
9	8	2.44	10	25.40
10	40	12.19	19	48.26
11	40	12.19	24	60.96
12	22	6.71	14	35.56
13	33	10.06	18	45.72
14	32	9.75	17	43.18
15	12	3.66	8	20.32
16	32	9.75	18	45.72
17	20	6.10	17	43.18
18	35	10.67	17	43.18
19	32	9.75	21	53.34
20	28	8.53	15	38.10
21	37	11.28	11	27.94
22	13	3.96	8	20.32
23	25	7.62	8	20.32
24	35	10.67	21	53.34

Syzygium jambolanum/ (Jam/Boro Jam/ Topa Jam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	25	63.50
2	23	7.01	9	22.86
3	22	6.71	17	43.18

Mangifera indica / (Aam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**21**	**6.40**	**20**	**50.80**

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	14	35.56
2	30	9.14	18	45.72
3	22	6.71	14	35.56
4	22	6.71	11	27.94
5	25	7.62	10	25.40
6	25	7.62	10	25.40
7	35	10.67	13	33.02
8	32	9.75	14	35.56
9	18	5.49	10	25.40
10	25	7.62	12	30.48
11	30	9.14	11	27.94
12	27	8.23	10	25.40
13	26	7.92	16	40.64
14	26	7.92	15	38.10
15	20	6.10	11	27.94
16	20	6.10	10	25.40
17	15	4.57	10	25.40
18	25	7.62	13	33.02
19	20	6.10	10	25.40
20	26	7.92	10	25.40
21	18	5.49	11	27.94
22	25	7.62	12	30.48
23	15	4.57	7	17.78
24	23	7.01	12	30.48

Cleistanthus collinus / (Parasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	10	25.40
2	12	3.66	8	20.32
3	17	5.18	10	25.40
4	18	5.49	9	22.86
5	20	6.10	11	27.94
6	15	4.57	10	25.40
7	15	4.57	10	25.40

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***Ixora arborea* / (Lohajangi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	23	7.01	15	38.10
2	25	7.62	13	33.02
3	12	3.66	9	22.86
4	15	4.57	8	20.32
5	30	9.14	21	53.34
6	22	6.71	15	38.10
7	20	6.10	15	38.10

***Terminalia chebula* / (Horitoki)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	15	4.57	12	30.48
3	20	6.10	10	25.40
4	22	6.71	15	38.10
5	26	7.92	11	27.94
6	16	4.88	8	20.32

***Trewia nudiflora* / (Petali)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	24	60.96
2	22	6.71	23	58.42
3	15	4.57	10	25.40
4	10	3.05	11	27.94
5	15	4.57	9	22.86
6	14	4.27	8	20.32

***Cassia fistula* / (Bandorlathi/Sonalu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	13	33.02
2	30	9.14	12	30.48
3	18	5.49	13	33.02
4	17	5.18	8	20.32

***Adina cordifolia* / (Karam/Holdu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	33	10.06	12	30.48
3	18	5.49	9	22.86
4	30	9.14	15	38.10

***Albizia lebbeck* / (Sada Siria/ Siris)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	21	53.34
2	45	13.72	28	71.12

***Holarrhena antidysenterica* / (Kurchi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	19	5.79	8	20.32
2	21	6.40	9	22.86

***Gardenia latifolia* / (Domvurru)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**15**	**4.57**	**10**	**25.40**

***Terminalia bellirica*/ (Bohera)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**32**	**9.75**	**14**	**35.56**

***Bauhinia purpurea* / (Kanchon)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	8	20.32

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	13	33.02	41	35	10.67	23	58.42	81	35	10.67	20	50.80
2	25	7.62	13	33.02	42	25	7.62	15	38.10	82	32	9.75	18	45.72
3	25	7.62	11	27.94	43	30	9.14	18	45.72	83	30	9.14	17	43.18
4	35	10.67	21	53.34	44	25	7.62	11	27.94	84	30	9.14	16	40.64
5	20	6.10	15	38.10	45	30	9.14	18	45.72	85	20	6.10	11	27.94
6	30	9.14	18	45.72	46	25	7.62	21	53.34	86	40	12.19	17	43.18
7	30	9.14	19	48.26	47	25	7.62	12	30.48	87	39	11.89	16	40.64
8	20	6.10	14	35.56	48	35	10.67	22	55.88	88	26	7.92	17	43.18
9	25	7.62	12	30.48	49	30	9.14	18	45.72	89	40	12.19	20	50.80
10	30	9.14	17	43.18	50	30	9.14	19	48.26	90	40	12.19	19	48.26
11	28	8.53	15	38.10	51	27	8.23	15	38.10	91	35	10.67	23	58.42
12	25	7.62	14	35.56	52	25	7.62	14	35.56	92	31	9.45	22	55.88
13	30	9.14	16	40.64	53	28	8.53	14	35.56	93	25	7.62	17	43.18
14	30	9.14	12	30.48	54	29	8.84	13	33.02	94	20	6.10	12	30.48
15	25	7.62	11	27.94	55	20	6.10	14	35.56	95	20	6.10	16	40.64
16	15	4.57	10	25.40	56	25	7.62	15	38.10	96	38	11.58	25	63.50
17	20	6.10	13	33.02	57	30	9.14	17	43.18	97	30	9.14	18	45.72
18	25	7.62	21	53.34	58	33	10.06	14	35.56	98	25	7.62	15	38.10
19	30	9.14	15	38.10	59	30	9.14	17	43.18	99	30	9.14	14	35.56
20	35	10.67	22	55.88	60	15	4.57	12	30.48	100	18	5.49	11	27.94
21	30	9.14	16	40.64	61	30	9.14	20	50.80	101	33	10.06	16	40.64
22	30	9.14	15	38.10	62	30	9.14	19	48.26	102	24	7.32	24	60.96
23	25	7.62	20	50.80	63	35	10.67	20	50.80	103	21	6.40	14	35.56
24	35	10.67	15	38.10	64	25	7.62	16	40.64	104	25	7.62	11	27.94
25	30	9.14	16	40.64	65	35	10.67	15	38.10	105	35	10.67	14	35.56
26	30	9.14	17	43.18	66	35	10.67	17	43.18	106	25	7.62	15	38.10
27	30	9.14	16	40.64	67	35	10.67	15	38.10	107	35	10.67	17	43.18
28	15	4.57	19	48.26	68	31	9.45	13	33.02	108	35	10.67	20	50.80
29	20	6.10	13	33.02	69	30	9.14	15	38.10	109	25	7.62	16	40.64
30	35	10.67	27	68.58	70	40	12.19	19	48.26	110	35	10.67	18	45.72
31	20	6.10	15	38.10	71	35	10.67	21	53.34	111	40	12.19	15	38.10
32	35	10.67	15	38.10	72	25	7.62	18	45.72	112	35	10.67	15	38.10
33	25	7.62	17	43.18	73	30	9.14	15	38.10	113	40	12.19	23	58.42
34	30	9.14	18	45.72	74	40	12.19	24	60.96	114	35	10.67	22	55.88
35	30	9.14	19	48.26	75	30	9.14	12	30.48	115	35	10.67	19	48.26
36	20	6.10	11	27.94	76	25	7.62	15	38.10	116	30	9.14	16	40.64
37	25	7.62	11	27.94	77	20	6.10	17	43.18	117	25	7.62	15	38.10
38	30	9.14	24	60.96	78	21	6.40	17	43.18	118	25	7.62	16	40.64
39	25	7.62	22	55.88	79	35	10.67	22	55.88	119	25	7.62	15	38.10
40	30	9.14	17	43.18	80	30	9.14	17	43.18	120	20	6.10	13	33.02

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	35	10.67	18	45.72	161	25	7.62	15	38.10	201	40	12.19	17	43.18
122	25	7.62	13	33.02	162	30	9.14	16	40.64	202	23	7.01	11	27.94
123	35	10.67	20	50.80	163	25	7.62	12	30.48	203	40	12.19	21	53.34
124	30	9.14	19	48.26	164	30	9.14	24	60.96	204	40	12.19	23	58.42
125	25	7.62	12	30.48	165	30	9.14	22	55.88	205	35	10.67	13	33.02
126	30	9.14	11	27.94	166	40	12.19	20	50.80	206	40	12.19	15	38.10
127	25	7.62	11	27.94	167	25	7.62	23	58.42	207	42	12.80	29	73.66
128	30	9.14	11	27.94	168	30	9.14	18	45.72	208	22	6.71	13	33.02
129	30	9.14	15	38.10	169	35	10.67	24	60.96	209	25	7.62	12	30.48
130	20	6.10	11	27.94	170	30	9.14	15	38.10	210	22	6.71	11	27.94
131	30	9.14	14	35.56	171	35	10.67	22	55.88	211	40	12.19	23	58.42
132	25	7.62	13	33.02	172	35	10.67	16	40.64	212	40	12.19	14	35.56
133	35	10.67	17	43.18	173	35	10.67	17	43.18	213	38	11.58	15	38.10
134	25	7.62	15	38.10	174	28	8.53	15	38.10	214	35	10.67	12	30.48
135	46	14.02	23	58.42	175	15	4.57	13	33.02	215	40	12.19	18	45.72
136	40	12.19	26	66.04	176	28	8.53	16	40.64	216	42	12.80	20	50.80
137	40	12.19	21	53.34	177	30	9.14	14	35.56	217	30	9.14	14	35.56
138	40	12.19	21	53.34	178	29	8.84	11	27.94	218	42	12.80	17	43.18
139	35	10.67	18	45.72	179	35	10.67	19	48.26	219	47	14.33	21	53.34
140	35	10.67	12	30.48	180	30	9.14	12	30.48	220	35	10.67	12	30.48
141	35	10.67	23	58.42	181	35	10.67	16	40.64	221	40	12.19	15	38.10
142	35	10.67	20	50.80	182	30	9.14	13	33.02	222	44	13.41	23	58.42
143	20	6.10	21	53.34	183	35	10.67	20	50.80	223	40	12.19	21	53.34
144	20	6.10	12	30.48	184	40	12.19	26	66.04	224	39	11.89	23	58.42
145	25	7.62	11	27.94	185	35	10.67	18	45.72	225	21	6.40	11	27.94
146	20	6.10	10	25.40	186	30	9.14	15	38.10	226	22	6.71	10	25.40
147	30	9.14	17	43.18	187	31	9.45	13	33.02	227	21	6.40	10	25.40
148	30	9.14	11	27.94	188	36	10.97	19	48.26	228	40	12.19	18	45.72
149	20	6.10	11	27.94	189	20	6.10	14	35.56	229	40	12.19	18	45.72
150	25	7.62	14	35.56	190	32	9.75	14	35.56	230	24	7.32	14	35.56
151	30	9.14	16	40.64	191	42	12.80	21	53.34	231	38	11.58	21	53.34
152	25	7.62	14	35.56	192	40	12.19	17	43.18	232	20	6.10	15	38.10
153	30	9.14	15	38.10	193	29	8.84	14	35.56	233	18	5.49	12	30.48
154	20	6.10	11	27.94	194	18	5.49	10	25.40	234	20	6.10	14	35.56
155	35	10.67	14	35.56	195	30	9.14	14	35.56	235	15	4.57	11	27.94
156	30	9.14	14	35.56	196	25	7.62	10	25.40	236	20	6.10	12	30.48
157	30	9.14	16	40.64	197	30	9.14	16	40.64	237	35	10.67	18	45.72
158	25	7.62	11	27.94	198	30	9.14	11	27.94	238	36	10.97	17	43.18
159	25	7.62	14	35.56	199	30	9.14	13	33.02	239	40	12.19	15	38.10
160	25	7.62	11	27.94	200	42	12.80	29	73.66	240	40	12.19	16	40.64

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Shorea robusta / (Sal)										*Terminalia bellirica* / (Bohera)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	48	14.63	23	58.42	281	40	12.19	17	43.18	1	40	12.19	19	48.26
242	53	16.15	26	66.04	282	30	9.14	16	40.64	2	35	10.67	18	45.72
243	25	7.62	14	35.56	283	40	12.19	17	43.18	3	40	12.19	21	53.34
244	38	11.58	26	66.04	284	47	14.33	35	88.90	4	26	7.92	15	38.10
245	28	8.53	12	30.48	285	48	14.63	15	38.10					
246	35	10.67	19	48.26	286	50	15.24	28	71.12					
247	41	12.50	18	45.72	287	38	11.58	10	25.40					
248	43	13.11	19	48.26	288	27	8.23	11	27.94	*Adina cordifolia* / (Karam/Holdu)				
249	32	9.75	16	40.64	289	28	8.53	14	35.56	SL. NO.	Height		Girth	
250	42	12.80	26	66.04	290	45	13.72	19	48.26		ft	m	inch	cm
251	45	13.72	23	58.42	291	53	16.15	25	63.50	1	15	4.57	10	25.40
252	47	14.33	33	83.82	292	30	9.14	15	38.10	2	28	8.53	17	43.18
253	28	8.53	11	27.94	293	48	14.63	16	40.64					
254	28	8.53	14	35.56	294	47	14.33	19	48.26					
255	52	15.85	30	76.20	295	30	9.14	14	35.56					
256	39	11.89	18	45.72	296	32	9.75	15	38.10	*Madhuca latifolia* / (Mahua)				
257	25	7.62	13	33.02	297	30	9.14	14	35.56	SL. NO.	Height		Girth	
258	28	8.53	15	38.10	298	38	11.58	17	43.18		ft	m	inch	cm
259	35	10.67	18	45.72	299	40	12.19	16	40.64	1	25	7.62	11	27.94
260	26	7.92	12	30.48	300	38	11.58	21	53.34	2	35	10.67	22	55.88
261	45	13.72	18	45.72	301	41	12.50	25	63.50	3	25	7.62	13	33.02
262	47	14.33	21	53.34	302	35	10.67	19	48.26	4	30	9.14	19	48.26
263	42	12.80	25	63.50	303	30	9.14	17	43.18	5	20	6.10	12	30.48
264	44	13.41	25	63.50	304	40	12.19	20	50.80	6	40	12.19	16	40.64
265	26	7.92	17	43.18	305	28	8.53	12	30.48	7	25	7.62	10	25.40
266	32	9.75	20	50.80						8	40	12.19	25	63.50
267	48	14.63	29	73.66						9	35	10.67	29	73.66
268	40	12.19	21	53.34						10	25	7.62	12	30.48
269	38	11.58	23	58.42	*Diospyros excelsa* / (Kendu)					11	26	7.92	17	43.18
270	28	8.53	16	40.64	SL. NO.	Height		Girth		12	45	13.72	20	50.80
271	29	8.84	15	38.10		ft	m	inch	cm	13	38	11.58	20	50.80
272	40	12.19	22	55.88	1	20	6.10	19	48.26	14	38	11.58	14	35.56
273	40	12.19	17	43.18	2	40	12.19	44	111.76					
274	30	9.14	16	40.64	3	42	12.80	46	116.84					
275	30	9.14	14	35.56	4	40	12.19	36	91.44	*Holarrhena antidysenterica* / (Kurchi)				
276	35	10.67	16	40.64	5	15	4.57	10	25.40					
277	48	14.63	19	48.26	6	50	15.24	41	104.14	SL. NO.	Height		Girth	
278	40	12.19	17	43.18	7	60	18.29	48	121.92		ft	m	inch	cm
279	50	15.24	24	60.96	8	58	17.68	40	101.60	1	20	6.10	10	25.40
280	40	12.19	20	50.80	9	65	19.81	52	132.08	2	22	6.71	13	33.02

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Buchanania lanzan / (Piyal)					*Terminalia tomentosa* / (Ason)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	14	35.56	1	30	9.14	15	38.10	41	28	8.53	12	30.48
2	25	7.62	13	33.02	2	25	7.62	14	35.56	42	60	18.29	26	66.04
3	25	7.62	15	38.10	3	25	7.62	12	30.48	43	28	8.53	10	25.40
4	40	12.19	22	55.88	4	35	10.67	13	33.02	44	39	11.89	20	50.80
5	30	9.14	17	43.18	5	30	9.14	13	33.02					
6	25	7.62	10	25.40	6	25	7.62	14	35.56					
7	40	12.19	21	53.34	7	22	6.71	11	27.94					
8	35	10.67	17	43.18	8	20	6.10	12	30.48	*Careya arborea* / (Astha/Kumbhi)				
9	25	7.62	15	38.10	9	25	7.62	11	27.94	SL. NO.	Height		Girth	
10	12	3.66	10	25.40	10	30	9.14	13	33.02		ft	m	inch	cm
11	25	7.62	13	33.02	11	25	7.62	11	27.94	1	30	9.14	12	30.48
12	20	6.10	10	25.40	12	11	3.35	15	38.10	2	25	7.62	14	35.56
13	16	4.88	11	27.94	13	25	7.62	12	30.48	3	40	12.19	18	45.72
14	25	7.62	18	45.72	14	20	6.10	11	27.94					
15	25	7.62	13	33.02	15	30	9.14	11	27.94					
16	25	7.62	11	27.94	16	25	7.62	11	27.94	*Lannea coromandelica* / (Jeol/ Doka)				
17	25	7.62	20	50.80	17	35	10.67	13	33.02					
18	30	9.14	15	38.10	18	25	7.62	14	35.56	SL. NO.	Height		Girth	
19	25	7.62	16	40.64	19	20	6.10	12	30.48		ft	m	inch	cm
20	40	12.19	23	58.42	20	35	10.67	20	50.80	1	20	6.10	11	27.94
21	25	7.62	12	30.48	21	23	7.01	13	33.02	2	30	9.14	19	48.26
22	20	6.10	11	27.94	22	35	10.67	15	38.10	3	33	10.06	19	48.26
23	18	5.49	10	25.40	23	30	9.14	12	30.48	4	20	6.10	15	38.10
24	15	4.57	13	33.02	24	30	9.14	11	27.94	5	38	11.58	25	63.50
25	25	7.62	12	30.48	25	40	12.19	15	38.10	6	37	11.28	17	43.18
26	25	7.62	13	33.02	26	25	7.62	14	35.56					
27	32	9.75	12	30.48	27	32	9.75	15	38.10					
28	40	12.19	22	55.88	28	22	6.71	20	50.80					
29	21	6.40	12	30.48	29	22	6.71	11	27.94	*Gmelia arborea* / (Gamar)				
30	27	8.23	11	27.94	30	38	11.58	12	30.48		Height		Girth	
31	32	9.75	20	50.80	31	40	12.19	18	45.72	SL. NO.	ft	m	inch	cm
32	26	7.92	14	35.56	32	28	8.53	16	40.64	1	35	10.67	15	38.10
33	28	8.53	17	43.18	33	25	7.62	13	33.02	2	30	9.14	11	27.94
34	27	8.23	12	30.48	34	19	5.79	17	43.18					
35	28	8.53	15	38.10	35	45	13.72	25	63.50					
					36	40	12.19	16	40.64					
					37	43	13.11	21	53.34	*Mitragyna parviflora* / (Kelikadam)				
					38	40	12.19	21	53.34	SL. NO.	Height		Girth	
					39	42	12.80	22	55.88		ft	m	inch	cm
					40	50	15.24	21	53.34	1	26	7.92	10	25.40

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Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	35	10.67	13	33.02
3	33	10.06	14	35.56
4	25	7.62	13	33.02
5	40	12.19	16	40.64
6	30	9.14	14	35.56
7	25	7.62	15	38.10
8	40	12.19	21	53.34
9	41	12.50	21	53.34
10	38	11.58	13	33.02
11	32	9.75	12	30.48
12	35	10.67	14	35.56
13	42	12.80	18	45.72
14	40	12.19	15	38.10

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02
2	15	4.57	10	25.40
3	35	10.67	13	33.02
4	30	9.14	14	35.56
5	20	6.10	13	33.02
6	25	7.62	17	43.18
7	35	10.67	22	55.88
8	30	9.14	15	38.10
9	32	9.75	18	45.72
10	30	9.14	14	35.56
11	30	9.14	13	33.02
12	42	12.80	21	53.34
13	38	11.58	19	48.26

Erythrina indica / (Vurkund)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	22	6.71	12	30.48

Terminalia chebula / (Horitoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	25	7.62	11	27.94
3	30	9.14	16	40.64
4	25	7.62	12	30.48
5	38	11.58	20	50.80

Soymida febrifuga / (Rohora)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	25	7.62	13	33.02
3	40	12.19	18	45.72
4	30	9.14	17	43.18
5	30	9.14	19	48.26
6	32	9.75	21	53.34
7	30	9.14	12	30.48
8	23	7.01	12	30.48
9	20	6.10	10	25.40
10	16	4.88	10	25.40
11	21	6.40	12	30.48
12	42	12.80	29	73.66
13	25	7.62	12	30.48
14	30	9.14	12	30.48
15	40	12.19	24	60.96
16	25	7.62	15	38.10
17	26	7.92	20	50.80

Phyllanthus embelica / (Amloki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40

Ougeinia oojeinensis / (Panjan)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	20	6.10	10	25.40

Cleistanthus collinus / (Porasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48
2	25	7.62	10	25.40
3	16	4.88	10	25.40
4	15	4.57	10	25.40
5	17	5.18	11	27.94
6	15	4.57	10	25.40
7	20	6.10	10	25.40
8	20	6.10	11	27.94
9	20	6.10	10	25.40
10	15	4.57	12	30.48
11	23	7.01	10	25.40
12	30	9.14	16	40.64
13	20	6.10	10	25.40
14	22	6.71	11	27.94
15	27	8.23	13	33.02
16	20	6.10	10	25.40
17	25	7.62	10	25.40

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40

Albizia lebbeck / (Sada Siria/ Siris)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56
2	37	11.28	18	45.72
3	25	7.62	15	38.10

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	45	13.72	30	76.20	41	23	7.01	12	30.48	81	22	6.71	10	25.40
2	25	7.62	11	27.94	42	30	9.14	14	35.56	82	28	8.53	23	58.42
3	22	6.71	13	33.02	43	31	9.45	15	38.10	83	22	6.71	12	30.48
4	27	8.23	15	38.10	44	30	9.14	17	43.18	84	23	7.01	12	30.48
5	31	9.45	18	45.72	45	25	7.62	12	30.48	85	28	8.53	16	40.64
6	25	7.62	12	30.48	46	40	12.19	18	45.72	86	27	8.23	21	53.34
7	32	9.75	14	35.56	47	42	12.80	18	45.72	87	29	8.84	15	38.10
8	47	14.33	20	50.80	48	38	11.58	16	40.64	88	30	9.14	22	55.88
9	17	5.18	20	50.80	49	42	12.80	19	48.26	89	32	9.75	19	48.26
10	19	5.79	18	45.72	50	28	8.53	12	30.48	90	40	12.19	30	76.20
11	27	8.23	13	33.02	51	28	8.53	17	43.18	91	30	9.14	16	40.64
12	25	7.62	12	30.48	52	20	6.10	14	35.56	92	45	13.72	31	78.74
13	32	9.75	19	48.26	53	24	7.32	14	35.56	93	28	8.53	12	30.48
14	35	10.67	20	50.80	54	30	9.14	21	53.34	94	28	8.53	15	38.10
15	20	6.10	12	30.48	55	42	12.80	20	50.80	95	50	15.24	41	104.14
16	30	9.14	17	43.18	56	35	10.67	21	53.34	96	32	9.75	14	35.56
17	35	10.67	19	48.26	57	26	7.92	11	27.94	97	30	9.14	16	40.64
18	30	9.14	14	35.56	58	40	12.19	21	53.34	98	32	9.75	18	45.72
19	24	7.32	13	33.02	59	26	7.92	21	53.34	99	40	12.19	22	55.88
20	25	7.62	15	38.10	60	26	7.92	13	33.02	100	30	9.14	16	40.64
21	27	8.23	20	50.80	61	28	8.53	18	45.72	101	42	12.80	28	71.12
22	37	11.28	20	50.80	62	28	8.53	11	27.94	102	40	12.19	21	53.34
23	35	10.67	17	43.18	63	25	7.62	13	33.02	103	40	12.19	23	58.42
24	30	9.14	14	35.56	64	23	7.01	17	43.18	104	25	7.62	10	25.40
25	25	7.62	16	40.64	65	30	9.14	18	45.72	105	30	9.14	16	40.64
26	27	8.23	21	53.34	66	24	7.32	13	33.02	106	28	8.53	17	43.18
27	28	8.53	22	55.88	67	27	8.23	11	27.94	107	28	8.53	14	35.56
28	28	8.53	16	40.64	68	30	9.14	17	43.18	108	40	12.19	20	50.80
29	52	15.85	17	43.18	69	30	9.14	22	55.88	109	40	12.19	22	55.88
30	28	8.53	37	93.98	70	25	7.62	13	33.02	110	38	11.58	18	45.72
31	32	9.75	15	38.10	71	30	9.14	14	35.56	111	40	12.19	29	73.66
32	30	9.14	17	43.18	72	31	9.45	16	40.64	112	28	8.53	21	53.34
33	50	15.24	14	35.56	73	32	9.75	14	35.56	113	35	10.67	21	53.34
34	38	11.58	19	48.26	74	30	9.14	15	38.10	114	41	12.50	32	81.28
35	27	8.23	29	73.66	75	27	8.23	11	27.94	115	35	10.67	21	53.34
36	38	11.58	13	33.02	76	30	9.14	14	35.56	116	36	10.97	15	38.10
37	29	8.84	19	48.26	77	32	9.75	21	53.34	117	41	12.50	17	43.18
38	29	8.84	16	40.64	78	20	6.10	13	33.02	118	28	8.53	13	33.02
39	45	13.72	23	58.42	79	30	9.14	15	38.10	119	28	8.53	14	35.56
40	30	9.14	12	30.48	80	30	9.14	13	33.02	120	35	10.67	16	40.64

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Shorea robusta / (Sal)										*Soymida febrifuga* / (Rohora)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	25	7.62	12	30.48	161	30	9.14	17	43.18	1	35	10.67	13	33.02
122	25	7.62	15	38.10	162	30	9.14	16	40.64	2	38	11.58	17	43.18
123	23	7.01	16	40.64	163	38	11.58	19	48.26	3	26	7.92	13	33.02
124	26	7.92	15	38.10	164	28	8.53	17	43.18	4	20	6.10	10	25.40
125	27	8.23	15	38.10	165	40	12.19	18	45.72	5	28	8.53	16	40.64
126	31	9.45	18	45.72	166	23	7.01	19	48.26	6	35	10.67	20	50.80
127	28	8.53	11	27.94						7	38	11.58	25	63.50
128	28	8.53	21	53.34						8	30	9.14	17	43.18
129	30	9.14	14	35.56						9	25	7.62	13	33.02
130	31	9.45	33	83.82	*Madhuca latifolia* / (Mahua)					10	17	5.18	16	40.64
131	38	11.58	29	73.66	SL. NO.	Height		Girth		11	23	7.01	18	45.72
132	22	6.71	11	27.94		ft	m	inch	cm	12	25	7.62	15	38.10
133	20	6.10	11	27.94	1	30	9.14	13	33.02	13	25	7.62	10	25.40
134	30	9.14	18	45.72	2	40	12.19	30	76.20	14	20	6.10	10	25.40
135	30	9.14	25	63.50	3	27	8.23	19	48.26	15	20	6.10	14	35.56
136	22	6.71	17	43.18	4	32	9.75	19	48.26	16	32	9.75	20	50.80
137	40	12.19	22	55.88	5	20	6.10	10	25.40	17	38	11.58	20	50.80
138	38	11.58	15	38.10	6	22	6.71	10	25.40	18	15	4.57	10	25.40
139	40	12.19	22	55.88	7	25	7.62	10	25.40	19	35	10.67	19	48.26
140	30	9.14	15	38.10	8	25	7.62	13	33.02	20	28	8.53	16	40.64
141	28	8.53	12	30.48	9	30	9.14	18	45.72	21	28	8.53	17	43.18
142	31	9.45	18	45.72	10	30	9.14	15	38.10	22	25	7.62	11	27.94
143	30	9.14	12	30.48	11	40	12.19	32	81.28	23	26	7.92	15	38.10
144	30	9.14	14	35.56	12	45	13.72	42	106.68	24	53	16.15	29	73.66
145	32	9.75	10	25.40	13	20	6.10	12	30.48	25	25	7.62	12	30.48
146	27	8.23	12	30.48	14	32	9.75	18	45.72	26	27	8.23	16	40.64
147	30	9.14	13	33.02	15	30	9.14	19	48.26					
148	25	7.62	13	33.02	16	28	8.53	12	30.48					
149	29	8.84	14	35.56	17	26	7.92	10	25.40	*Lannea coromandelica* / (Jeol/ Doka)				
150	30	9.14	14	35.56	18	27	8.23	10	25.40	SL. NO.	Height		Girth	
151	31	9.45	11	27.94	19	27	8.23	12	30.48		ft	m	inch	cm
152	30	9.14	13	33.02	20	28	8.53	11	27.94	1	25	7.62	12	30.48
153	42	12.80	18	45.72	21	27	8.23	10	25.40	2	39	11.89	21	53.34
154	35	10.67	15	38.10	22	21	6.40	10	25.40	3	35	10.67	19	48.26
155	25	7.62	12	30.48	23	30	9.14	24	60.96					
156	38	11.58	22	55.88	24	26	7.92	15	38.10					
157	37	11.28	15	38.10	25	42	12.80	20	50.80	*Albizia lebbeck* / (Sada Siria/ Siris)				
158	32	9.75	14	35.56	26	40	12.19	22	55.88	SL. NO.	Height		Girth	
159	35	10.67	11	27.94	27	30	9.14	12	30.48		ft	m	inch	cm
160	38	11.58	16	40.64	28	18	5.49	22	55.88	1	**38**	**11.58**	**26**	**66.04**

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Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	16	40.64
2	27	8.23	16	40.64
3	22	6.71	10	25.40
4	20	6.10	10	25.40
5	22	6.71	10	25.40
6	25	7.62	14	35.56
7	35	10.67	16	40.64
8	38	11.58	19	48.26
9	28	8.53	12	30.48
10	31	9.45	20	50.80
11	26	7.92	10	25.40
12	27	8.23	15	38.10
13	23	7.01	11	27.94
14	38	11.58	21	53.34
15	27	8.23	11	27.94
16	28	8.53	21	53.34
17	26	7.92	10	25.40
18	22	6.71	11	27.94
19	28	8.53	14	35.56
20	40	12.19	21	53.34

Cleistanthus collinus / (Porasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94
2	14	4.27	10	25.40
3	27	8.23	10	25.40
4	25	7.62	14	35.56
5	20	6.10	11	27.94
6	10	3.05	10	25.40
7	20	6.10	10	25.40

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	11	27.94
2	30	9.14	17	43.18

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	46	116.84
2	30	9.14	20	50.80
3	48	14.63	41	104.14
4	52	15.85	38	96.52
5	40	12.19	29	73.66
6	45	13.72	39	99.06
7	60	18.29	38	96.52
8	45	13.72	42	106.68
9	47	14.33	36	91.44
10	41	12.50	33	83.82
11	27	8.23	23	58.42
12	60	18.29	38	96.52
13	30	9.14	27	68.58
14	39	11.89	35	88.90
15	67	20.42	60	152.40
16	32	9.75	26	66.04
17	42	12.80	32	81.28

Terminalia bellirica / (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	16	40.64
2	48	14.63	26	66.04
3	40	12.19	22	55.88
4	30	9.14	27	68.58
5	35	10.67	20	50.80

Terminalia chebula / (Horitoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**30**	**9.14**	**12**	**30.48**

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**28**	**8.53**	**11**	**27.94**

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	17	43.18
2	29	8.84	20	50.80
3	26	7.92	10	25.40
4	30	9.14	20	50.80
5	26	7.92	12	30.48
6	20	6.10	12	30.48
7	28	8.53	20	50.80
8	20	6.10	11	27.94
9	28	8.53	11	27.94
10	22	6.71	12	30.48
11	25	7.62	12	30.48
12	27	8.23	13	33.02
13	15	4.57	12	30.48
14	28	8.53	14	35.56
15	30	9.14	20	50.80

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	23	7.01	12	30.48
2	35	10.67	17	43.18
3	27	8.23	13	33.02
4	28	8.53	10	25.40
5	26	7.92	14	35.56
6	28	8.53	14	35.56
7	22	6.71	16	40.64
8	22	6.71	12	30.48
9	30	9.14	14	35.56
10	28	8.53	10	25.40
11	28	8.53	11	27.94
12	42	12.80	19	48.26
13	30	9.14	12	30.48

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**25**	**7.62**	**10**	**25.40**

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Gardenia latifolia / (Domvurru)					*Flacourtia indica* / (Choto Boichi)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm
1	**13**	**3.96**	**10**	**25.40**	1	**28**	**8.53**	**11**	**27.94**

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	25	7.62	34	86.36	41	30	9.14	17	43.18	81	28	8.53	31	78.74
2	20	6.10	12	30.48	42	12	3.66	17	43.18	82	28	8.53	26	66.04
3	20	6.10	11	27.94	43	25	7.62	14	35.56	83	22	6.71	12	30.48
4	40	12.19	23	58.42	44	20	6.10	11	27.94	84	43	13.11	20	50.80
5	40	12.19	18	45.72	45	25	7.62	12	30.48	85	40	12.19	15	38.10
6	12	3.66	14	35.56	46	40	12.19	25	63.50	86	15	4.57	23	58.42
7	30	9.14	15	38.10	47	42	12.80	23	58.42	87	39	11.89	23	58.42
8	35	10.67	20	50.80	48	10	3.05	33	83.82	88	47	14.33	19	48.26
9	25	7.62	10	25.40	49	25	7.62	13	33.02	89	20	6.10	13	33.02
10	15	4.57	11	27.94	50	10	3.05	20	50.80	90	25	7.62	14	35.56
11	30	9.14	14	35.56	51	48	14.63	26	66.04	91	35	10.67	23	58.42
12	20	6.10	11	27.94	52	35	10.67	20	50.80	92	34	10.36	23	58.42
13	35	10.67	17	43.18	53	48	14.63	20	50.80	93	28	8.53	17	43.18
14	40	12.19	18	45.72	54	56	17.07	27	68.58	94	40	12.19	23	58.42
15	40	12.19	18	45.72	55	55	16.76	21	53.34	95	25	7.62	15	38.10
16	15	4.57	17	43.18	56	60	18.29	18	45.72	96	40	12.19	27	68.58
17	25	7.62	13	33.02	57	18	5.49	22	55.88	97	45	13.72	20	50.80
18	20	6.10	10	25.40	58	40	12.19	18	45.72	98	45	13.72	18	45.72
19	30	9.14	17	43.18	59	30	9.14	17	43.18	99	50	15.24	23	58.42
20	20	6.10	19	48.26	60	50	15.24	19	48.26	100	20	6.10	11	27.94
21	40	12.19	24	60.96	61	45	13.72	19	48.26	101	24	7.32	14	35.56
22	45	13.72	15	38.10	62	37	11.28	24	60.96	102	30	9.14	18	45.72
23	50	15.24	27	68.58	63	40	12.19	18	45.72	103	26	7.92	13	33.02
24	25	7.62	12	30.48	64	45	13.72	13	33.02	104	36	10.97	28	71.12
25	10	3.05	21	53.34	65	60	18.29	30	76.20	105	34	10.36	12	30.48
26	45	13.72	22	55.88	66	22	6.71	10	25.40	106	25	7.62	12	30.48
27	25	7.62	13	33.02	67	20	6.10	13	33.02	107	30	9.14	15	38.10
28	30	9.14	15	38.10	68	32	9.75	18	45.72	108	30	9.14	26	66.04
29	20	6.10	12	30.48	69	37	11.28	20	50.80	109	20	6.10	11	27.94
30	30	9.14	20	50.80	70	36	10.97	17	43.18	110	35	10.67	22	55.88
31	35	10.67	20	50.80	71	30	9.14	16	40.64	111	28	8.53	15	38.10
32	15	4.57	22	55.88	72	20	6.10	11	27.94	112	30	9.14	15	38.10
33	14	4.27	18	45.72	73	30	9.14	22	55.88	113	40	12.19	29	73.66
34	32	9.75	18	45.72	74	32	9.75	17	43.18	114	25	7.62	19	48.26
35	24	7.32	14	35.56	75	34	10.36	14	35.56	115	20	6.10	10	25.40
36	40	12.19	21	53.34	76	17	5.18	11	27.94	116	30	9.14	15	38.10
37	42	12.80	21	53.34	77	30	9.14	16	40.64	117	30	9.14	14	35.56
38	28	8.53	12	30.48	78	20	6.10	11	27.94	118	30	9.14	24	60.96
39	25	7.62	16	40.64	79	30	9.14	16	40.64	119	15	4.57	10	25.40
40	12	3.66	15	38.10	80	18	5.49	14	35.56	120	20	6.10	13	33.02

KANKRAJHORE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	25	7.62	14	35.56	161	22	6.71	14	35.56	201	40	12.19	21	53.34
122	30	9.14	14	35.56	162	35	10.67	26	66.04	202	35	10.67	19	48.26
123	25	7.62	11	27.94	163	25	7.62	16	40.64	203	28	8.53	14	35.56
124	34	10.36	16	40.64	164	30	9.14	12	30.48	204	30	9.14	16	40.64
125	30	9.14	10	25.40	165	36	10.97	15	38.10	205	45	13.72	29	73.66
126	32	9.75	25	63.50	166	20	6.10	10	25.40	206	25	7.62	14	35.56
127	35	10.67	17	43.18	167	30	9.14	14	35.56	207	35	10.67	23	58.42
128	30	9.14	11	27.94	168	20	6.10	12	30.48	208	30	9.14	14	35.56
129	28	8.53	13	33.02	169	35	10.67	23	58.42	209	17	5.18	35	88.90
130	30	9.14	14	35.56	170	18	5.49	14	35.56	210	25	7.62	12	30.48
131	36	10.97	16	40.64	171	30	9.14	12	30.48	211	45	13.72	24	60.96
132	36	10.97	20	50.80	172	38	11.58	21	53.34	212	20	6.10	28	71.12
133	40	12.19	23	58.42	173	20	6.10	30	76.20	213	28	8.53	14	35.56
134	36	10.97	18	45.72	174	17	5.18	12	30.48	214	30	9.14	16	40.64
135	30	9.14	16	40.64	175	30	9.14	15	38.10	215	25	7.62	12	30.48
136	20	6.10	26	66.04	176	18	5.49	10	25.40	216	35	10.67	18	45.72
137	35	10.67	27	68.58	177	16	4.88	22	55.88	217	30	9.14	15	38.10
138	30	9.14	16	40.64	178	40	12.19	21	53.34	218	25	7.62	15	38.10
139	18	5.49	14	35.56	179	25	7.62	14	35.56	219	20	6.10	25	63.50
140	20	6.10	25	63.50	180	20	6.10	17	43.18	220	25	7.62	10	25.40
141	30	9.14	23	58.42	181	35	10.67	21	53.34	221	30	9.14	19	48.26
142	26	7.92	16	40.64	182	42	12.80	30	76.20	222	30	9.14	18	45.72
143	36	10.97	37	93.98	183	18	5.49	10	25.40	223	25	7.62	11	27.94
144	30	9.14	17	43.18	184	25	7.62	12	30.48	224	45	13.72	24	60.96
145	55	16.76	30	76.20	185	26	7.92	11	27.94	225	35	10.67	21	53.34
146	35	10.67	25	63.50	186	30	9.14	11	27.94	226	20	6.10	10	25.40
147	15	4.57	24	60.96	187	35	10.67	13	33.02	227	18	5.49	15	38.10
148	45	13.72	23	58.42	188	35	10.67	17	43.18	228	17	5.18	27	68.58
149	25	7.62	16	40.64	189	18	5.49	11	27.94	229	25	7.62	16	40.64
150	30	9.14	22	55.88	190	35	10.67	18	45.72	230	35	10.67	25	63.50
151	30	9.14	14	35.56	191	30	9.14	14	35.56	231	35	10.67	17	43.18
152	35	10.67	16	40.64	192	40	12.19	15	38.10	232	48	14.63	30	76.20
153	30	9.14	17	43.18	193	35	10.67	17	43.18	233	25	7.62	22	55.88
154	35	10.67	17	43.18	194	30	9.14	20	50.80	234	45	13.72	20	50.80
155	25	7.62	18	45.72	195	30	9.14	17	43.18	235	20	6.10	15	38.10
156	12	3.66	23	58.42	196	25	7.62	11	27.94	236	30	9.14	20	50.80
157	20	6.10	12	30.48	197	35	10.67	20	50.80	237	25	7.62	11	27.94
158	30	9.14	13	33.02	198	25	7.62	14	35.56	238	18	5.49	28	71.12
159	25	7.62	12	30.48	199	45	13.72	23	58.42	239	35	10.67	28	71.12
160	30	9.14	17	43.18	200	36	10.97	18	45.72	240	25	7.62	10	25.40

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	30	9.14	12	30.48	281	25	7.62	14	35.56	321	30	9.14	15	38.10
242	35	10.67	27	68.58	282	28	8.53	14	35.56	322	25	7.62	13	33.02
243	25	7.62	12	30.48	283	26	7.92	12	30.48	323	20	6.10	12	30.48
244	50	15.24	30	76.20	284	30	9.14	20	50.80	324	35	10.67	29	73.66
245	48	14.63	34	86.36	285	30	9.14	12	30.48	325	30	9.14	19	48.26
246	25	7.62	16	40.64	286	35	10.67	14	35.56	326	41	12.50	20	50.80
247	25	7.62	12	30.48	287	30	9.14	14	35.56	327	23	7.01	13	33.02
248	20	6.10	13	33.02	288	35	10.67	20	50.80	328	42	12.80	30	76.20
249	20	6.10	13	33.02	289	25	7.62	15	38.10	329	23	7.01	19	48.26
250	25	7.62	13	33.02	290	25	7.62	15	38.10	330	22	6.71	20	50.80
251	38	11.58	20	50.80	291	25	7.62	15	38.10	331	35	10.67	20	50.80
252	40	12.19	18	45.72	292	35	10.67	23	58.42	332	22	6.71	13	33.02
253	50	15.24	22	55.88	293	20	6.10	12	30.48	333	35	10.67	18	45.72
254	46	14.02	23	58.42	294	42	12.80	26	66.04	334	30	9.14	17	43.18
255	45	13.72	24	60.96	295	20	6.10	11	27.94	335	28	8.53	16	40.64
256	25	7.62	27	68.58	296	50	15.24	27	68.58	336	43	13.11	19	48.26
257	15	4.57	10	25.40	297	25	7.62	23	58.42	337	25	7.62	12	30.48
258	21	6.40	15	38.10	298	30	9.14	19	48.26	338	30	9.14	16	40.64
259	42	12.80	25	63.50	299	25	7.62	16	40.64	339	35	10.67	23	58.42
260	49	14.94	37	93.98	300	20	6.10	19	48.26	340	22	6.71	21	53.34
261	45	13.72	30	76.20	301	35	10.67	21	53.34	341	22	6.71	12	30.48
262	23	7.01	12	30.48	302	36	10.97	17	43.18	342	35	10.67	24	60.96
263	30	9.14	21	53.34	303	40	12.19	26	66.04	343	25	7.62	10	25.40
264	42	12.80	18	45.72	304	25	7.62	14	35.56	344	30	9.14	21	53.34
265	25	7.62	16	40.64	305	30	9.14	15	38.10	345	25	7.62	11	27.94
266	45	13.72	20	50.80	306	40	12.19	23	58.42	346	20	6.10	11	27.94
267	32	9.75	30	76.20	307	20	6.10	29	73.66	347	47	14.33	25	63.50
268	25	7.62	11	27.94	308	40	12.19	23	58.42	348	50	15.24	20	50.80
269	26	7.92	18	45.72	309	55	16.76	34	86.36	349	35	10.67	18	45.72
270	28	8.53	18	45.72	310	40	12.19	17	43.18	350	40	12.19	17	43.18
271	40	12.19	23	58.42	311	40	12.19	24	60.96	351	18	5.49	12	30.48
272	25	7.62	23	58.42	312	35	10.67	17	43.18	352	35	10.67	18	45.72
273	50	15.24	26	66.04	313	19	5.79	15	38.10	353	36	10.97	30	76.20
274	30	9.14	18	45.72	314	15	4.57	20	50.80	354	40	12.19	19	48.26
275	28	8.53	14	35.56	315	25	7.62	15	38.10	355	30	9.14	16	40.64
276	37	11.28	21	53.34	316	24	7.32	14	35.56	356	38	11.58	18	45.72
277	50	15.24	37	93.98	317	40	12.19	21	53.34	357	25	7.62	23	58.42
278	15	4.57	12	30.48	318	22	6.71	18	45.72	358	30	9.14	13	33.02
279	45	13.72	23	58.42	319	35	10.67	20	50.80	359	45	13.72	33	83.82
280	30	9.14	13	33.02	320	25	7.62	18	45.72	360	40	12.19	28	71.12

KANKRAJHORE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	25	7.62	25	63.50	401	42	12.80	19	48.26	441	35	10.67	12	30.48
362	35	10.67	18	45.72	402	45	13.72	19	48.26	442	30	9.14	15	38.10
363	20	6.10	11	27.94	403	50	15.24	29	73.66	443	25	7.62	10	25.40
364	16	4.88	20	50.80	404	25	7.62	14	35.56	444	42	12.80	21	53.34
365	32	9.75	28	71.12	405	40	12.19	20	50.80	445	35	10.67	18	45.72
366	25	7.62	15	38.10	406	20	6.10	10	25.40	446	20	6.10	11	27.94
367	48	14.63	23	58.42	407	45	13.72	35	88.90	447	35	10.67	18	45.72
368	40	12.19	22	55.88	408	30	9.14	16	40.64	448	20	6.10	15	38.10
369	52	15.85	27	68.58	409	40	12.19	26	66.04	449	25	7.62	11	27.94
370	50	15.24	28	71.12	410	35	10.67	18	45.72	450	25	7.62	15	38.10
371	40	12.19	16	40.64	411	40	12.19	18	45.72	451	20	6.10	23	58.42
372	40	12.19	28	71.12	412	30	9.14	15	38.10	452	30	9.14	16	40.64
373	25	7.62	12	30.48	413	40	12.19	20	50.80	453	35	10.67	17	43.18
374	20	6.10	18	45.72	414	45	13.72	17	43.18	454	38	11.58	20	50.80
375	45	13.72	30	76.20	415	30	9.14	12	30.48	455	35	10.67	17	43.18
376	20	6.10	14	35.56	416	35	10.67	22	55.88	456	35	10.67	13	33.02
377	25	7.62	17	43.18	417	20	6.10	12	30.48	457	25	7.62	14	35.56
378	35	10.67	17	43.18	418	25	7.62	13	33.02	458	30	9.14	15	38.10
379	30	9.14	15	38.10	419	30	9.14	23	58.42	459	40	12.19	14	35.56
380	35	10.67	21	53.34	420	30	9.14	13	33.02	460	25	7.62	10	25.40
381	20	6.10	25	63.50	421	25	7.62	12	30.48	461	45	13.72	20	50.80
382	30	9.14	21	53.34	422	40	12.19	15	38.10	462	40	12.19	18	45.72
383	40	12.19	21	53.34	423	40	12.19	19	48.26	463	50	15.24	18	45.72
384	35	10.67	25	63.50	424	40	12.19	22	55.88	464	15	4.57	10	25.40
385	35	10.67	17	43.18	425	50	15.24	23	58.42	465	25	7.62	17	43.18
386	45	13.72	25	63.50	426	25	7.62	14	35.56	466	35	10.67	19	48.26
387	40	12.19	20	50.80	427	30	9.14	16	40.64	467	30	9.14	11	27.94
388	26	7.92	16	40.64	428	30	9.14	16	40.64	468	35	10.67	17	43.18
389	40	12.19	18	45.72	429	25	7.62	16	40.64	469	25	7.62	13	33.02
390	30	9.14	17	43.18	430	25	7.62	13	33.02	470	25	7.62	11	27.94
391	35	10.67	18	45.72	431	55	16.76	29	73.66	471	20	6.10	10	25.40
392	35	10.67	23	58.42	432	30	9.14	12	30.48	472	32	9.75	15	38.10
393	40	12.19	26	66.04	433	25	7.62	14	35.56	473	45	13.72	21	53.34
394	25	7.62	25	63.50	434	40	12.19	26	66.04	474	30	9.14	17	43.18
395	25	7.62	15	38.10	435	50	15.24	25	63.50	475	20	6.10	12	30.48
396	28	8.53	18	45.72	436	25	7.62	14	35.56	476	40	12.19	18	45.72
397	30	9.14	18	45.72	437	20	6.10	14	35.56	477	35	10.67	12	30.48
398	45	13.72	25	63.50	438	25	7.62	10	25.40	478	30	9.14	16	40.64
399	40	12.19	23	58.42	439	35	10.67	18	45.72	479	30	9.14	11	27.94
400	40	12.19	17	43.18	440	60	18.29	30	76.20	480	40	12.19	16	40.64

KANKRAJHORE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	45	13.72	20	50.80	521	35	10.67	19	48.26	561	30	9.14	29	73.66
482	35	10.67	14	35.56	522	30	9.14	12	30.48	562	45	13.72	17	43.18
483	25	7.62	11	27.94	523	40	12.19	15	38.10	563	35	10.67	15	38.10
484	25	7.62	9	22.86	524	25	7.62	10	25.40	564	35	10.67	17	43.18
485	35	10.67	17	43.18	525	30	9.14	15	38.10	565	30	9.14	11	27.94
486	60	18.29	35	88.90	526	35	10.67	14	35.56	566	40	12.19	16	40.64
487	30	9.14	23	58.42	527	40	12.19	12	30.48	567	35	10.67	15	38.10
488	52	15.85	30	76.20	528	25	7.62	14	35.56	568	35	10.67	18	45.72
489	29	8.84	14	35.56	529	35	10.67	14	35.56	569	25	7.62	10	25.40
490	30	9.14	19	48.26	530	30	9.14	14	35.56	570	35	10.67	19	48.26
491	35	10.67	18	45.72	531	40	12.19	24	60.96	571	40	12.19	26	66.04
492	30	9.14	17	43.18	532	25	7.62	18	45.72	572	40	12.19	21	53.34
493	35	10.67	25	63.50	533	30	9.14	18	45.72	573	35	10.67	12	30.48
494	30	9.14	14	35.56	534	25	7.62	20	50.80	574	42	12.80	20	50.80
495	35	10.67	16	40.64	535	44	13.41	21	53.34	575	35	10.67	19	48.26
496	30	9.14	16	40.64	536	30	9.14	17	43.18	576	40	12.19	18	45.72
497	40	12.19	19	48.26	537	35	10.67	20	50.80	577	25	7.62	12	30.48
498	42	12.80	20	50.80	538	25	7.62	12	30.48	578	35	10.67	28	71.12
499	35	10.67	24	60.96	539	30	9.14	17	43.18	579	35	10.67	28	71.12
500	45	13.72	28	71.12	540	20	6.10	15	38.10	580	25	7.62	18	45.72
501	30	9.14	14	35.56	541	30	9.14	11	27.94	581	40	12.19	18	45.72
502	30	9.14	12	30.48	542	25	7.62	12	30.48	582	45	13.72	21	53.34
503	35	10.67	23	58.42	543	35	10.67	18	45.72	583	35	10.67	13	33.02
504	20	6.10	10	25.40	544	25	7.62	11	27.94	584	40	12.19	14	35.56
505	30	9.14	16	40.64	545	28	8.53	12	30.48	585	25	7.62	12	30.48
506	35	10.67	20	50.80	546	30	9.14	19	48.26	586	35	10.67	19	48.26
507	25	7.62	20	50.80	547	25	7.62	11	27.94	587	35	10.67	16	40.64
508	35	10.67	26	66.04	548	35	10.67	27	68.58	588	30	9.14	16	40.64
509	30	9.14	15	38.10	549	30	9.14	15	38.10	589	35	10.67	12	30.48
510	42	12.80	31	78.74	550	25	7.62	12	30.48	590	40	12.19	22	55.88
511	48	14.63	35	88.90	551	40	12.19	20	50.80	591	45	13.72	32	81.28
512	30	9.14	12	30.48	552	35	10.67	22	55.88	592	35	10.67	15	38.10
513	20	6.10	11	27.94	553	35	10.67	17	43.18	593	31	9.45	17	43.18
514	35	10.67	20	50.80	554	25	7.62	13	33.02	594	30	9.14	20	50.80
515	35	10.67	20	50.80	555	32	9.75	22	55.88	595	35	10.67	12	30.48
516	27	8.23	13	33.02	556	25	7.62	10	25.40	596	40	12.19	22	55.88
517	30	9.14	11	27.94	557	30	9.14	14	35.56	597	35	10.67	22	55.88
518	35	10.67	12	30.48	558	30	9.14	14	35.56	598	30	9.14	25	63.50
519	17	5.18	10	25.40	559	35	10.67	20	50.80	599	25	7.62	10	25.40
520	35	10.67	22	55.88	560	40	12.19	27	68.58	600	35	10.67	21	53.34

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Shorea robusta / (Sal)										*Terminalia tomentosa* / (Ason)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
601	30	9.14	17	43.18	641	40	12.19	24	60.96	1	60	18.29	45	114.30
602	39	11.89	21	53.34	642	15	4.57	30	76.20	2	15	4.57	9	22.86
603	30	9.14	14	35.56	643	25	7.62	12	30.48	3	18	5.49	22	55.88
604	25	7.62	10	25.40	644	35	10.67	22	55.88	4	12	3.66	15	38.10
605	35	10.67	24	60.96	645	30	9.14	18	45.72	5	15	4.57	11	27.94
606	35	10.67	15	38.10	646	30	9.14	15	38.10	6	20	6.10	13	33.02
607	40	12.19	16	40.64	647	30	9.14	16	40.64	7	16	4.88	19	48.26
608	25	7.62	20	50.80	648	45	13.72	30	76.20	8	25	7.62	16	40.64
609	35	10.67	29	73.66	649	35	10.67	17	43.18	9	15	4.57	11	27.94
610	30	9.14	18	45.72	650	30	9.14	15	38.10	10	15	4.57	12	30.48
611	25	7.62	15	38.10	651	35	10.67	19	48.26	11	15	4.57	10	25.40
612	20	6.10	13	33.02	652	25	7.62	13	33.02	12	50	15.24	32	81.28
613	25	7.62	10	25.40	653	30	9.14	14	35.56	13	20	6.10	12	30.48
614	35	10.67	12	30.48	654	35	10.67	18	45.72	14	25	7.62	14	35.56
615	30	9.14	17	43.18	655	25	7.62	11	27.94	15	30	9.14	14	35.56
616	35	10.67	18	45.72	656	30	9.14	14	35.56	16	35	10.67	19	48.26
617	35	10.67	23	58.42	657	25	7.62	29	73.66	17	25	7.62	15	38.10
618	30	9.14	15	38.10	658	25	7.62	10	25.40	18	10	3.05	12	30.48
619	45	13.72	24	60.96	659	35	10.67	21	53.34	19	28	8.53	13	33.02
620	30	9.14	15	38.10	660	40	12.19	23	58.42	20	23	7.01	13	33.02
621	25	7.62	16	40.64	661	45	13.72	31	78.74	21	35	10.67	20	50.80
622	40	12.19	26	66.04	662	25	7.62	13	33.02	22	15	4.57	18	45.72
623	35	10.67	20	50.80	663	25	7.62	12	30.48	23	25	7.62	20	50.80
624	35	10.67	20	50.80	664	35	10.67	12	30.48	24	20	6.10	10	25.40
625	15	4.57	13	33.02	665	39	11.89	26	66.04	25	25	7.62	11	27.94
626	30	9.14	15	38.10	666	30	9.14	15	38.10	26	25	7.62	30	76.20
627	25	7.62	16	40.64	667	25	7.62	27	68.58	27	20	6.10	23	58.42
628	35	10.67	24	60.96	668	45	13.72	36	91.44	28	25	7.62	13	33.02
629	30	9.14	25	63.50	669	35	10.67	21	53.34	29	15	4.57	20	50.80
630	35	10.67	22	55.88	670	35	10.67	28	71.12	30	17	5.18	20	50.80
631	30	9.14	21	53.34	671	41	12.50	29	73.66	31	32	9.75	19	48.26
632	35	10.67	11	27.94	672	45	13.72	30	76.20	32	15	4.57	12	30.48
633	35	10.67	17	43.18	673	30	9.14	16	40.64	33	12	3.66	20	50.80
634	30	9.14	15	38.10	674	35	10.67	12	30.48	34	17	5.18	16	40.64
635	25	7.62	13	33.02	675	30	9.14	18	45.72	35	18	5.49	15	38.10
636	39	11.89	22	55.88						36	20	6.10	10	25.40
637	25	7.62	10	25.40						37	20	6.10	15	38.10
638	30	9.14	13	33.02						38	25	7.62	11	27.94
639	40	12.19	15	38.10						39	20	6.10	17	43.18
640	32	9.75	12	30.48						40	25	7.62	14	35.56

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Terminalia tomentosa / (Ason)										*Cleistanthus collinus* / (Porasi)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	17	5.18	12	30.48	81	25	7.62	10	25.40	1	15	4.57	13	33.02
42	19	5.79	11	27.94	82	30	9.14	16	40.64	2	25	7.62	10	25.40
43	18	5.49	13	33.02	83	25	7.62	10	25.40	3	15	4.57	10	25.40
44	20	6.10	17	43.18	84	17	5.18	10	25.40	4	20	6.10	7	17.78
45	25	7.62	10	25.40	85	25	7.62	23	58.42	5	15	4.57	7	17.78
46	20	6.10	20	50.80	86	25	7.62	10	25.40	6	15	4.57	8	20.32
47	20	6.10	18	45.72	87	25	7.62	13	33.02	7	14	4.27	7	17.78
48	15	4.57	14	35.56	88	20	6.10	12	30.48	8	12	3.66	7	17.78
49	20	6.10	14	35.56	89	30	9.14	18	45.72	9	10	3.05	8	20.32
50	20	6.10	23	58.42	90	25	7.62	21	53.34	10	13	3.96	11	27.94
51	17	5.18	14	35.56	91	30	9.14	12	30.48	11	13	3.96	10	25.40
52	25	7.62	25	63.50	92	30	9.14	16	40.64	12	14	4.27	6	15.24
53	20	6.10	16	40.64	93	35	10.67	12	30.48	13	22	6.71	10	25.40
54	45	13.72	26	66.04						14	13	3.96	12	30.48
55	30	9.14	12	30.48						15	20	6.10	13	33.02
56	20	6.10	16	40.64						16	15	4.57	13	33.02
57	20	6.10	22	55.88	*Anogeissus latifolia* / (Dhaw)					17	12	3.66	7	17.78
58	25	7.62	14	35.56	SL. NO.	Height		Girth		18	20	6.10	12	30.48
59	20	6.10	13	33.02		ft	m	inch	cm	19	15	4.57	8	20.32
60	18	5.49	14	35.56	1	35	10.67	24	60.96	20	20	6.10	11	27.94
61	25	7.62	20	50.80	2	35	10.67	20	50.80	21	14	4.27	6	15.24
62	20	6.10	16	40.64	3	35	10.67	16	40.64	22	18	5.49	14	35.56
63	20	6.10	12	30.48	4	42	12.80	24	60.96	23	14	4.27	8	20.32
64	15	4.57	12	30.48	5	28	8.53	17	43.18	24	20	6.10	11	27.94
65	30	9.14	58	147.32	6	30	9.14	13	33.02	25	17	5.18	12	30.48
66	20	6.10	25	63.50	7	30	9.14	16	40.64	26	16	4.88	13	33.02
67	25	7.62	14	35.56	8	20	6.10	13	33.02	27	15	4.57	8	20.32
68	25	7.62	19	48.26	9	25	7.62	11	27.94	28	22	6.71	15	38.10
69	10	3.05	15	38.10	10	30	9.14	14	35.56	29	30	9.14	12	30.48
70	25	7.62	11	27.94	11	40	12.19	19	48.26	30	18	5.49	11	27.94
71	30	9.14	18	45.72	12	25	7.62	12	30.48	31	15	4.57	10	25.40
72	30	9.14	16	40.64	13	25	7.62	20	50.80	32	17	5.18	12	30.48
73	25	7.62	13	33.02	14	25	7.62	14	35.56	33	16	4.88	11	27.94
74	30	9.14	20	50.80	15	15	4.57	10	25.40	34	25	7.62	13	33.02
75	25	7.62	12	30.48	16	25	7.62	10	25.40	35	20	6.10	10	25.40
76	25	7.62	12	30.48	17	25	7.62	10	25.40	36	17	5.18	12	30.48
77	25	7.62	13	33.02	18	40	12.19	14	35.56	37	25	7.62	13	33.02
78	20	6.10	17	43.18	19	25	7.62	17	43.18	38	23	7.01	13	33.02
79	17	5.18	15	38.10						39	13	3.96	14	35.56
80	25	7.62	16	40.64						40	17	5.18	10	25.40

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Cleistanthus collinus / (Porasi)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	28	8.53	15	38.10	81	25	7.62	12	30.48	1	40	12.19	20	50.80
42	25	7.62	11	27.94	82	25	7.62	10	25.40	2	20	6.10	10	25.40
43	25	7.62	16	40.64	83	20	6.10	11	27.94	3	35	10.67	14	35.56
44	22	6.71	16	40.64	84	25	7.62	10	25.40	4	20	6.10	30	76.20
45	18	5.49	10	25.40	85	25	7.62	14	35.56	5	35	10.67	22	55.88
46	20	6.10	15	38.10	86	25	7.62	11	27.94	6	40	12.19	18	45.72
47	25	7.62	13	33.02						7	28	8.53	12	30.48
48	20	6.10	16	40.64						8	50	15.24	31	78.74
49	17	5.18	10	25.40						9	32	9.75	20	50.80
50	17	5.18	10	25.40	*Terminalia chebula* / (Horitoki)					10	45	13.72	30	76.20
51	24	7.32	12	30.48	SL. NO.	Height		Girth		11	35	10.67	20	50.80
52	17	5.18	12	30.48		ft	m	inch	cm	12	25	7.62	13	33.02
53	25	7.62	15	38.10	1	25	7.62	16	40.64	13	25	7.62	17	43.18
54	20	6.10	13	33.02	2	20	6.10	13	33.02	14	25	7.62	15	38.10
55	35	10.67	24	60.96	3	25	7.62	21	53.34	15	35	10.67	20	50.80
56	20	6.10	15	38.10	4	24	7.32	11	27.94	16	40	12.19	27	68.58
57	20	6.10	14	35.56	5	30	9.14	15	38.10	17	18	5.49	11	27.94
58	15	4.57	10	25.40	6	25	7.62	13	33.02	18	25	7.62	11	27.94
59	15	4.57	11	27.94	7	22	6.71	11	27.94	19	40	12.19	25	63.50
60	20	6.10	12	30.48	8	15	4.57	13	33.02	20	25	7.62	14	35.56
61	20	6.10	15	38.10	9	25	7.62	12	30.48	21	25	7.62	15	38.10
62	20	6.10	12	30.48	10	25	7.62	11	27.94	22	25	7.62	16	40.64
63	15	4.57	12	30.48	11	30	9.14	17	43.18	23	35	10.67	24	60.96
64	25	7.62	12	30.48	12	35	10.67	19	48.26	24	20	6.10	11	27.94
65	25	7.62	14	35.56						25	33	10.06	17	43.18
66	15	4.57	8	20.32						26	17	5.18	10	25.40
67	20	6.10	12	30.48						27	22	6.71	12	30.48
68	17	5.18	12	30.48	*Cordia Myxa* / (Baharkuri)					28	30	9.14	16	40.64
69	25	7.62	15	38.10	SL. NO.	Height		Girth		29	30	9.14	18	45.72
70	20	6.10	12	30.48		ft	m	inch	cm	30	30	9.14	16	40.64
71	20	6.10	10	25.40	1	35	10.67	25	63.50	31	35	10.67	26	66.04
72	25	7.62	12	30.48	2	20	6.10	15	38.10	32	42	12.80	15	38.10
73	30	9.14	10	25.40	3	40	12.19	18	45.72	33	15	4.57	8	20.32
74	25	7.62	12	30.48						34	20	6.10	11	27.94
75	25	7.62	11	27.94						35	12	3.66	10	25.40
76	25	7.62	10	25.40						36	30	9.14	16	40.64
77	30	9.14	12	30.48	*Albizia lebbeck* / (Sada Siria/ Siris)					37	35	10.67	18	45.72
78	15	4.57	11	27.94	SL. NO.	Height		Girth		38	30	9.14	11	27.94
79	20	6.10	13	33.02		ft	m	inch	cm	39	40	12.19	38	96.52
80	30	9.14	16	40.64	1	**30**	**9.14**	**17**	**43.18**	40	26	7.92	10	25.40

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Madhuca latifolia / (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	35	10.67	18	45.72
42	25	7.62	14	35.56
43	35	10.67	18	45.72
44	35	10.67	12	30.48
45	25	7.62	10	25.40
46	25	7.62	11	27.94
47	25	7.62	10	25.40
48	25	7.62	10	25.40
49	35	10.67	26	66.04
50	45	13.72	31	78.74
51	25	7.62	22	55.88

Lannea coromandelica / (Jeol/ Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	27	68.58
2	38	11.58	27	68.58
3	35	10.67	23	58.42
4	28	8.53	18	45.72
5	25	7.62	16	40.64
6	45	13.72	31	78.74
7	35	10.67	27	68.58
8	25	7.62	12	30.48

Terminalia bellirica/ (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	25	63.50
2	38	11.58	20	50.80

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	20	50.80

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56
2	45	13.72	25	63.50
3	40	12.19	29	73.66
4	25	7.62	20	50.80
5	20	6.10	12	30.48
6	36	10.97	20	50.80
7	30	9.14	21	53.34
8	30	9.14	18	45.72
9	35	10.67	18	45.72
10	30	9.14	16	40.64
11	28	8.53	16	40.64
12	15	4.57	12	30.48
13	30	9.14	15	38.10
14	35	10.67	19	48.26
15	30	9.14	18	45.72
16	20	6.10	13	33.02
17	26	7.92	20	50.80
18	31	9.45	20	50.80
19	20	6.10	14	35.56
20	27	8.23	19	48.26
21	30	9.14	18	45.72
22	25	7.62	20	50.80
23	35	10.67	16	40.64
24	20	6.10	14	35.56
25	26	7.92	17	43.18
26	35	10.67	16	40.64
27	25	7.62	12	30.48
28	35	10.67	20	50.80
29	26	7.92	16	40.64
30	30	9.14	15	38.10
31	30	9.14	16	40.64
32	25	7.62	21	53.34
33	40	12.19	24	60.96
34	25	7.62	10	25.40
35	30	9.14	15	38.10
36	35	10.67	21	53.34
37	25	7.62	11	27.94
38	20	6.10	10	25.40
39	35	10.67	17	43.18
40	25	7.62	11	27.94

Soymida febrifuga / (Rohora)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48
2	20	6.10	16	40.64
3	15	4.57	11	27.94
4	10	3.05	19	48.26
5	20	6.10	16	40.64
6	8	2.44	15	38.10
7	37	11.28	23	58.42
8	22	6.71	15	38.10
9	15	4.57	12	30.48
10	20	6.10	13	33.02
11	35	10.67	28	71.12
12	18	5.49	22	55.88
13	28	8.53	16	40.64
14	16	4.88	12	30.48
15	34	10.36	22	55.88
16	22	6.71	15	38.10
17	18	5.49	12	30.48
18	14	4.27	20	50.80
19	30	9.14	18	45.72
20	20	6.10	12	30.48
21	15	4.57	11	27.94
22	25	7.62	15	38.10
23	20	6.10	14	35.56
24	35	10.67	21	53.34
25	30	9.14	14	35.56
26	20	6.10	13	33.02
27	17	5.18	11	27.94
28	40	12.19	29	73.66
29	25	7.62	18	45.72
30	20	6.10	15	38.10
31	40	12.19	26	66.04
32	35	10.67	24	60.96
33	25	7.62	17	43.18
34	35	10.67	20	50.80

Ougeinia oojeinensis / (Panjan)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	13	33.02

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Diospyros excelsa / (Kendu)					*Buchanania lanzan* / (Piyal)					*Mitragyna parviflora* / (Kelikadam)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	42	12.80	49	124.46	1	30	9.14	16	40.64	1	10	3.05	12	30.48
2	45	13.72	40	101.60	2	40	12.19	20	50.80	2	18	5.49	12	30.48
3	55	16.76	48	121.92	3	20	6.10	9	22.86	3	15	4.57	8	20.32
4	20	6.10	10	25.40	4	23	7.01	13	33.02	4	17	5.18	10	25.4
5	50	15.24	38	96.52	5	25	7.62	13	33.02	5	14	4.27	13	33.02
6	40	12.19	34	86.36	6	34	10.36	17	43.18					
7	42	12.80	34	86.36	7	22	6.71	14	35.56					
8	64	19.51	52	132.08	8	28	8.53	22	55.88					
9	58	17.68	37	93.98	9	20	6.10	14	35.56	*Lagerstroemia parviflora* / (Sidha)				
10	55	16.76	42	106.68	10	15	4.57	19	48.26	SL. NO.	Height		Girth	
11	52	15.85	50	127.00	11	35	10.67	17	43.18		ft	m	inch	cm
12	48	14.63	40	101.60	12	28	8.53	14	35.56	1	25	7.62	13	33.02
13	45	13.72	38	96.52	13	20	6.10	12	30.48	2	30	9.14	12	30.48
14	40	12.19	29	73.66	14	30	9.14	14	35.56	3	15	4.57	12	30.48
15	35	10.67	30	76.20	15	18	5.49	10	25.40	4	15	4.57	11	27.94
16	55	16.76	37	93.98	16	26	7.92	19	48.26					
17	35	10.67	30	76.20	17	28	8.53	11	27.94					
18	65	19.81	51	129.54	18	25	7.62	12	30.48					
19	52	15.85	39	99.06	19	20	6.10	11	27.94	*Gmelia arborea/* (Gamar)				
20	55	16.76	32	81.28	20	25	7.62	18	45.72	SL. NO.	Height		Girth	
21	45	13.72	32	81.28	21	30	9.14	14	35.56		ft	m	inch	cm
22	55	16.76	35	88.90	22	20	6.10	9	22.86	1	12	3.66	27	68.58
23	55	16.76	60	152.40	23	35	10.67	22	55.88	2	30	9.14	14	35.56
24	65	19.81	42	106.68	24	15	4.57	9	22.86					
25	50	15.24	10	25.40	25	25	7.62	18	45.72					
26	45	13.72	31	78.74	26	15	4.57	10	25.40					
27	40	12.19	38	96.52	27	35	10.67	22	55.88	*Adina cordifolia* / (Karam/Holdu)				
28	40	12.19	32	81.28	28	25	7.62	17	43.18	SL. NO.	Height		Girth	
29	35	10.67	28	71.12	29	30	9.14	16	40.64		ft	m	inch	cm
30	15	4.57	12	30.48	30	17	5.18	10	25.40	1	15	4.57	17	43.18
31	60	18.29	57	144.78	31	35	10.67	18	45.72					
32	25	7.62	11	27.94	32	25	7.62	13	33.02					
					33	25	7.62	18	45.72					

Bridelia retusa / (Kosai)					*Syzygium jambolanum*/ (Jam/Boro Jam/ Topa Jam)					*Dalbergia sissoo* / (Sissoo)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	45	13.72	36	91.44	1	16	4.88	12	30.48	1	62	18.90	29	73.66
2	32	9.75	16	40.64	2	12	3.66	14	35.56					

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Shorea robusta/ (Sal)														
Sl. No	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**
1	32	9.75	18	45.72	41	35	10.67	21	53.34	81	20	6.10	11	27.94
2	20	6.10	11	27.94	42	20	6.10	12	30.48	82	36	10.97	24	60.96
3	25	7.62	14	35.56	43	50	15.24	22	55.88	83	18	5.49	10	25.40
4	40	12.19	24	60.96	44	32	9.75	12	30.48	84	30	9.14	13	33.02
5	65	19.81	26	66.04	45	47	14.33	20	50.80	85	17	5.18	9	22.86
6	50	15.24	22	55.88	46	25	7.62	14	35.56	86	18	5.49	10	25.40
7	45	13.72	26	66.04	47	20	6.10	10	25.40	87	18	5.49	11	27.94
8	12	3.66	11	27.94	48	55	16.76	32	81.28	88	13	3.96	14	35.56
9	18	5.49	10	25.40	49	55	16.76	22	55.88	89	35	10.67	18	45.72
10	35	10.67	18	45.72	50	60	18.29	32	81.28	90	42	12.80	20	50.80
11	45	13.72	14	35.56	51	55	16.76	15	38.10	91	16	4.88	9	22.86
12	50	15.24	17	43.18	52	43	13.11	14	35.56	92	38	11.58	15	38.10
13	28	8.53	11	27.94	53	44	13.41	13	33.02	93	18	5.49	9	22.86
14	45	13.72	18	45.72	54	40	12.19	14	35.56	94	38	11.58	14	35.56
15	30	9.14	12	30.48	55	32	9.75	17	43.18	95	18	5.49	10	25.40
16	40	12.19	14	35.56	56	45	13.72	16	40.64	96	30	9.14	12	30.48
17	50	15.24	19	48.26	57	38	11.58	16	40.64	97	35	10.67	15	38.10
18	35	10.67	21	53.34	58	62	18.90	26	66.04	98	51	15.54	32	81.28
19	45	13.72	18	45.72	59	55	16.76	18	45.72	99	32	9.75	12	30.48
20	55	16.76	22	55.88	60	18	5.49	10	25.40	100	23	7.01	11	27.94
21	46	14.02	19	48.26	61	22	6.71	10	25.40	101	38	11.58	18	45.72
22	50	15.24	28	71.12	62	55	16.76	22	55.88	102	30	9.14	13	33.02
23	37	11.28	14	35.56	63	57	17.37	21	53.34	103	20	6.10	10	25.40
24	30	9.14	16	40.64	64	55	16.76	24	60.96	104	18	5.49	10	25.40
25	55	16.76	20	50.80	65	45	13.72	16	40.64	105	25	7.62	11	27.94
26	48	14.63	18	45.72	66	25	7.62	14	35.56	106	20	6.10	9	22.86
27	35	10.67	18	45.72	67	40	12.19	21	53.34	107	35	10.67	16	40.64
28	30	9.14	13	33.02	68	30	9.14	12	30.48	108	30	9.14	14	35.56
29	18	5.49	15	38.10	69	55	16.76	22	55.88	109	22	6.71	12	30.48
30	25	7.62	16	40.64	70	30	9.14	13	33.02	110	50	15.24	18	45.72
31	48	14.63	15	38.10	71	20	6.10	11	27.94	111	25	7.62	10	25.40
32	35	10.67	14	35.56	72	23	7.01	11	27.94	112	18	5.49	12	30.48
33	48	14.63	17	43.18	73	60	18.29	30	76.20	113	16	4.88	10	25.40
34	50	15.24	21	53.34	74	25	7.62	11	27.94	114	50	15.24	15	38.10
35	25	7.62	11	27.94	75	20	6.10	12	30.48	115	40	12.19	18	45.72
36	28	8.53	11	27.94	76	30	9.14	10	25.40	116	18	5.49	10	25.40
37	40	12.19	18	45.72	77	65	19.81	24	60.96	117	18	5.49	12	30.48
38	28	8.53	11	27.94	78	45	13.72	21	53.34	118	35	10.67	13	33.02
39	25	7.62	13	33.02	79	20	6.10	11	27.94	119	45	13.72	19	48.26
40	30	9.14	12	30.48	80	30	9.14	15	38.10	120	52	15.85	20	50.80

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Shorea robusta/ (Sal)														
Sl. No	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**
121	35	10.67	12	30.48	161	56	17.07	29	73.66	201	50	15.24	20	50.80
122	20	6.10	13	33.02	162	50	15.24	18	45.72	202	25	7.62	10	25.40
123	30	9.14	11	27.94	163	30	9.14	12	30.48	203	35	10.67	12	30.48
124	15	4.57	11	27.94	164	50	15.24	21	53.34	204	30	9.14	13	33.02
125	20	6.10	10	25.40	165	67	20.42	35	88.90	205	45	13.72	16	40.64
126	51	15.54	23	58.42	166	20	6.10	15	38.10	206	40	12.19	14	35.56
127	17	5.18	12	30.48	167	45	13.72	18	45.72	207	15	4.57	10	25.40
128	40	12.19	16	40.64	168	30	9.14	14	35.56	208	35	10.67	14	35.56
129	20	6.10	15	38.10	169	40	12.19	12	30.48	209	15	4.57	11	27.94
130	32	9.75	13	33.02	170	35	10.67	12	30.48	210	50	15.24	18	45.72
131	50	15.24	20	50.80	171	25	7.62	10	25.40	211	55	16.76	19	48.26
132	45	13.72	17	43.18	172	35	10.67	14	35.56	212	36	10.97	11	27.94
133	20	6.10	11	27.94	173	35	10.67	13	33.02	213	35	10.67	13	33.02
134	30	9.14	15	38.10	174	35	10.67	17	43.18	214	15	4.57	10	25.40
135	35	10.67	13	33.02	175	47	14.33	18	45.72	215	55	16.76	18	45.72
136	36	10.97	17	43.18	176	50	15.24	16	40.64	216	50	15.24	14	35.56
137	42	12.80	19	48.26	177	35	10.67	12	30.48	217	46	14.02	21	53.34
138	40	12.19	20	50.80	178	20	6.10	14	35.56	218	38	11.58	19	48.26
139	30	9.14	12	30.48	179	30	9.14	15	38.10	219	45	13.72	15	38.10
140	35	10.67	15	38.10	180	20	6.10	11	27.94	220	30	9.14	16	40.64
141	20	6.10	12	30.48	181	25	7.62	13	33.02	221	30	9.14	16	40.64
142	40	12.19	20	50.80	182	40	12.19	26	66.04	222	30	9.14	21	53.34
143	45	13.72	18	45.72	183	20	6.10	12	30.48	223	35	10.67	13	33.02
144	35	10.67	12	30.48	184	25	7.62	14	35.56	224	55	16.76	21	53.34
145	35	10.67	12	30.48	185	58	17.68	16	40.64	225	35	10.67	13	33.02
146	40	12.19	18	45.72	186	30	9.14	12	30.48	226	45	13.72	18	45.72
147	30	9.14	12	30.48	187	15	4.57	10	25.40	227	20	6.10	10	25.40
148	35	10.67	14	35.56	188	65	19.81	18	45.72	228	20	6.10	10	25.40
149	50	15.24	16	40.64	189	70	21.34	35	88.90	229	30	9.14	13	33.02
150	30	9.14	13	33.02	190	50	15.24	20	50.80	230	12	3.66	8	20.32
151	35	10.67	12	30.48	191	30	9.14	15	38.10	231	30	9.14	14	35.56
152	35	10.67	15	38.10	192	30	9.14	14	35.56	232	20	6.10	10	25.40
153	25	7.62	10	25.40	193	40	12.19	18	45.72	233	30	9.14	12	30.48
154	56	17.07	28	71.12	194	15	4.57	11	27.94	234	35	10.67	15	38.10
155	50	15.24	22	55.88	195	15	4.57	12	30.48	235	35	10.67	14	35.56
156	35	10.67	14	35.56	196	45	13.72	18	45.72	236	25	7.62	12	30.48
157	45	13.72	15	38.10	197	60	18.29	28	71.12	237	28	8.53	13	33.02
158	30	9.14	14	35.56	198	55	16.76	18	45.72	238	30	9.14	10	25.40
159	45	13.72	20	50.80	199	40	12.19	14	35.56	239	38	11.58	14	35.56
160	25	7.62	10	25.40	200	65	19.81	16	40.64	240	45	13.72	13	33.02

BUNDWAN

Shorea robusta/ (Sal)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	40	12.19	15	38.10	281	36	10.97	14	35.56	321	35	10.67	17.5	44.45
242	38	11.58	13	33.02	282	17	5.18	10	25.40	322	25	7.62	10	25.40
243	40	12.19	12	30.48	283	30	9.14	13	33.02	323	45	13.72	26	66.04
244	45	13.72	21	53.34	284	30	9.14	12	30.48	324	30	9.14	10	25.40
245	35	10.67	14	35.56	285	40	12.19	18	45.72	325	30	9.14	16	40.64
246	50	15.24	24	60.96	286	35	10.67	14	35.56	326	25	7.62	22	55.88
247	30	9.14	13	33.02	287	40	12.19	17	43.18	327	20	6.10	12	30.48
248	35	10.67	17	43.18	288	30	9.14	13	33.02	328	30	9.14	12	30.48
249	35	10.67	10	25.40	289	40	12.19	24	60.96	329	57	17.37	28	71.12
250	30	9.14	12	30.48	290	40	12.19	30	76.20	330	45	13.72	20	50.80
251	52	15.85	23	58.42	291	30	9.14	14	35.56	331	17	5.18	10	25.40
252	25	7.62	10	25.40	292	40	12.19	12	30.48	332	23	7.01	17	43.18
253	45	13.72	20.5	52.07	293	45	13.72	16	40.64	333	26	7.92	15	38.10
254	30	9.14	10	25.40	294	15	4.57	10	25.40	334	35	10.67	15	38.10
255	40	12.19	18	45.72	295	42	12.80	18	45.72	335	20	6.10	12	30.48
256	20	6.10	10	25.40	296	35	10.67	16	40.64	336	25	7.62	12	30.48
257	30	9.14	11	27.94	297	30	9.14	12	30.48	337	48	14.63	23	58.42
258	45	13.72	19	48.26	298	45	13.72	22	55.88	338	20	6.10	13	33.02
259	30	9.14	11	27.94	299	20	6.10	10	25.40	339	20	6.10	13	33.02
260	20	6.10	10	25.40	300	30	9.14	12	30.48	340	26	7.92	13	33.02
261	15	4.57	19.5	49.53	301	40	12.19	16	40.64	341	30	9.14	10	25.40
262	45	13.72	21.5	54.61	302	35	10.67	12	30.48	342	40	12.19	28	71.12
263	35	10.67	15	38.10	303	25	7.62	10	25.40	343	40	12.19	19	48.26
264	35	10.67	13	33.02	304	22	6.71	10	25.40	344	20	6.10	10	25.40
265	40	12.19	18	45.72	305	35	10.67	13	33.02	345	26	7.92	12	30.48
266	30	9.14	10	25.40	306	16	4.88	14	35.56	346	22	6.71	10	25.40
267	65	19.81	29	73.66	307	46	14.02	22	55.88	347	25	7.62	12	30.48
268	25	7.62	12.5	31.75	308	25	7.62	10	25.40	348	36	10.97	18	45.72
269	35	10.67	10	25.40	309	20	6.10	10	25.40	349	28	8.53	23	58.42
270	32	9.75	12	30.48	310	25	7.62	12	30.48	350	55	16.76	26	66.04
271	25	7.62	10	25.40	311	35	10.67	14	35.56	351	25	7.62	10	25.40
272	45	13.72	19.5	49.53	312	35	10.67	15	38.10	352	28	8.53	10	25.40
273	35	10.67	12	30.48	313	20	6.10	12	30.48	353	26	7.92	13	33.02
274	50	15.24	35	88.90	314	47	14.33	23	58.42	354	30	9.14	10	25.40
275	30	9.14	12	30.48	315	37	11.28	14	35.56	355	20	6.10	14	35.56
276	35	10.67	12	30.48	316	20	6.10	12	30.48	356	30	9.14	16	40.64
277	45	13.72	20	50.80	317	45	13.72	22	55.88	357	25	7.62	15	38.10
278	20	6.10	12	30.48	318	35	10.67	18	45.72	358	48	14.63	18	45.72
279	25	7.62	10	25.40	319	27	8.23	10	25.40	359	25	7.62	10	25.40
280	30	9.14	12	30.48	320	30	9.14	12	30.48	360	20	6.10	12.5	31.75

BUNDWAN

Shorea robusta/ (Sal)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	25	7.62	15	38.10	401	50	15.24	18	45.72	441	50	15.24	21	53.34
362	50	15.24	21	53.34	402	48	14.63	15	38.10	442	25	7.62	10	25.40
363	30	9.14	15	38.10	403	36	10.97	13	33.02	443	50	15.24	17	43.18
364	50	15.24	22	55.88	404	35	10.67	12	30.48	444	45	13.72	20	50.80
365	20	6.10	11	27.94	405	45	13.72	15.5	39.37	445	50	15.24	22	55.88
366	41	12.50	15	38.10	406	25	7.62	15	38.10	446	35	10.67	12	30.48
367	32	9.75	17	43.18	407	55	16.76	18	45.72	447	30	9.14	10.5	26.67
368	50	15.24	19.5	49.53	408	25	7.62	15	38.10	448	25	7.62	12	30.48
369	20	6.10	10	25.40	409	35	10.67	22	55.88	449	50	15.24	24	60.96
370	20	6.10	10	25.40	410	35	10.67	11	27.94	450	25	7.62	22	55.88
371	47	14.33	21	53.34	411	45	13.72	13	33.02	451	40	12.19	14	35.56
372	30	9.14	10	25.40	412	50	15.24	15.5	39.37	452	55	16.76	21	53.34
373	25	7.62	13.5	34.29	413	51	15.54	22	55.88	453	35	10.67	12	30.48
374	25	7.62	8.5	21.59	414	50	15.24	27	68.58	454	50	15.24	18	45.72
375	30	9.14	12	30.48	415	20	6.10	13	33.02	455	50	15.24	19	48.26
376	25	7.62	12	30.48	416	25	7.62	10	25.40	456	55	16.76	21	53.34
377	30	9.14	12	30.48	417	50	15.24	24	60.96	457	50	15.24	20	50.80
378	20	6.10	15	38.10	418	35	10.67	14	35.56	458	60	18.29	22	55.88
379	50	15.24	21	53.34	419	20	6.10	14	35.56	459	45	13.72	16.5	41.91
380	47	14.33	19	48.26	420	30	9.14	12	30.48	460	50	15.24	18	45.72
381	55	16.76	21	53.34	421	20	6.10	10	25.40	461	50	15.24	19	48.26
382	30	9.14	15	38.10	422	61	18.59	20	50.80	462	35	10.67	15	38.10
383	50	15.24	11	27.94	423	30	9.14	12	30.48	463	35	10.67	15.5	39.37
384	30	9.14	13	33.02	424	35	10.67	15	38.10	464	50	15.24	25	63.50
385	35	10.67	12	30.48	425	25	7.62	12	30.48	465	50	15.24	17	43.18
386	30	9.14	10	25.40	426	20	6.10	10	25.40	466	40	12.19	15	38.10
387	41	12.50	16	40.64	427	26	7.92	12	30.48	467	25	7.62	12	30.48
388	35	10.67	13	33.02	428	50	15.24	17	43.18	468	60	18.29	26	66.04
389	15	4.57	8.5	21.59	429	25	7.62	23	58.42	469	35	10.67	13	33.02
390	40	12.19	17	43.18	430	40	12.19	23	58.42	470	25	7.62	17	43.18
391	15	4.57	10	25.40	431	35	10.67	14	35.56	471	55	16.76	21	53.34
392	30	9.14	13	33.02	432	25	7.62	10	25.40	472	50	15.24	20	50.80
393	15	4.57	10	25.40	433	25	7.62	11	27.94	473	35	10.67	17.5	44.45
394	27	8.23	12.5	31.75	434	55	16.76	19	48.26	474	25	7.62	10.5	26.67
395	20	6.10	10	25.40	435	45	13.72	19	48.26	475	50	15.24	19	48.26
396	40	12.19	19	48.26	436	65	19.81	22	55.88	476	50	15.24	16	40.64
397	53	16.15	24	60.96	437	55	16.76	19	48.26	477	45	13.72	14	35.56
398	40	12.19	18.5	46.99	438	35	10.67	18	45.72	478	35	10.67	13	33.02
399	20	6.10	10	25.40	439	45	13.72	20	50.80	479	20	6.10	10	25.40
400	35	10.67	15	38.10	440	35	10.67	10	25.40	480	50	15.24	18	45.72

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth			Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)	Sl. No	(ft)	(m)	(inch)	(cm)
481	25	7.62	18	45.72	521	23	7.01	11	27.94	561	35	10.67	18	45.72
482	40	12.19	16	40.64	522	35	10.67	20	50.80	562	25	7.62	13	33.02
483	18	5.49	10	25.40	523	25	7.62	13	33.02	563	26	7.92	12	30.48
484	35	10.67	20	50.80	524	25	7.62	11	27.94	564	22	6.71	13	33.02
485	15	4.57	10	25.40	525	35	10.67	15	38.10	565	38	11.58	16	40.64
486	55	16.76	18	45.72	526	20	6.10	12	30.48	566	25	7.62	11	27.94
487	45	13.72	20	50.80	527	25	7.62	12	30.48	567	20	6.10	9	22.86
488	40	12.19	18	45.72	528	18	5.49	11	27.94	568	25	7.62	11	27.94
489	25	7.62	10	25.40	529	32	9.75	14	35.56	569	19	5.79	10	25.40
490	25	7.62	14	35.56	530	40	12.19	18	45.72	570	20	6.10	10	25.40
491	40	12.19	13	33.02	531	35	10.67	15	38.10	571	22	6.71	11	27.94
492	25	7.62	10	25.40	532	40	12.19	21	53.34	572	40	12.19	15	38.10
493	20	6.10	12	30.48	533	22	6.71	11	27.94	573	24	7.32	11	27.94
494	60	18.29	22	55.88	534	25	7.62	13	33.02	574	35	10.67	23	58.42
495	50	15.24	22	55.88	535	28	8.53	14	35.56	575	20	6.10	13	33.02
496	45	13.72	21	53.34	536	25	7.62	11	27.94	576	15	4.57	11	27.94
497	20	6.10	14	35.56	537	40	12.19	21	53.34	577	25	7.62	12	30.48
498	25	7.62	10	25.40	538	18	5.49	11	27.94	578	22	6.71	10	25.40
499	40	12.19	15	38.10	539	35	10.67	14	35.56	579	42	12.80	24	60.96
500	50	15.24	21	53.34	540	25	7.62	11	27.94	580	15	4.57	22	55.88
501	50	15.24	24	60.96	541	35	10.67	14	35.56	581	30	9.14	11	27.94
502	45	13.72	17	43.18	542	40	12.19	21	53.34	582	25	7.62	11	27.94
503	25	7.62	15	38.10	543	16	4.88	11	27.94	583	40	12.19	21	53.34
504	40	12.19	15	38.10	544	20	6.10	11	27.94	584	28	8.53	14	35.56
505	20	6.10	10	25.40	545	31	9.45	13	33.02	585	23	7.01	11	27.94
506	20	6.10	11	27.94	546	35	10.67	21	53.34	586	30	9.14	13	33.02
507	18	5.49	12	30.48	547	21	6.40	10	25.40	587	38	11.58	17	43.18
508	60	18.29	31	78.74	548	40	12.19	17	43.18	588	17	5.18	16	40.64
509	30	9.14	10	25.40	549	35	10.67	13	33.02	589	25	7.62	13	33.02
510	40	12.19	17	43.18	550	20	6.10	10	25.40	590	22	6.71	10	25.40
511	35	10.67	13	33.02	551	22	6.71	12	30.48	591	30	9.14	14	35.56
512	35	10.67	10	25.40	552	40	12.19	18	45.72	592	20	6.10	10	25.40
513	45	13.72	21	53.34	553	35	10.67	16	40.64	593	22	6.71	11	27.94
514	35	10.67	13	33.02	554	32	9.75	16	40.64	594	30	9.14	13	33.02
515	25	7.62	10.5	26.67	555	22	6.71	17	43.18	595	26	7.92	16	40.64
516	50	15.24	17	43.18	556	23	7.01	14	35.56	596	20	6.10	12	30.48
517	25	7.62	8	20.32	557	31	9.45	24	60.96	597	18	5.49	10	25.40
518	28	8.53	14	35.56	558	22	6.71	14	35.56	598	45	13.72	22	55.88
519	20	6.10	11	27.94	559	18	5.49	15	38.10	599	22	6.71	11	27.94
520	15	4.57	12	30.48	560	15	4.57	11	27.94	600	19	5.79	11	27.94

BUNDWAN

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
601	25	7.62	11	27.94
602	18	5.49	11	27.94
603	40	12.19	21	53.34
604	25	7.62	13	33.02
605	45	13.72	24	60.96
606	40	12.19	26	66.04
607	30	9.14	12	30.48

***Terminalia bellirica*/ (Bohera)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	13	33.02
2	25	7.62	16	40.64
3	35	10.67	11	27.94
4	12	3.66	7	17.78
5	15	4.57	6.5	16.51

***Terminalia chebula*/ (Haritoki)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	8	20.32
2	15	4.57	13	33.02
3	15	4.57	26	66.04

***Nyctanthes arbortritis*/ (Seuli)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	9	22.86

***Madhuca latifolia*/ (Mahua)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	48	14.63	23	58.42
3	28	8.53	13	33.02
4	25	7.62	12	30.48
5	40	12.19	22	55.88
6	45	13.72	20	50.80
7	40	12.19	21	53.34
8	43	13.11	21	53.34
9	35	10.67	15	38.10
10	40	12.19	15	38.10
11	35	10.67	16	40.64
12	25	7.62	11	27.94
13	40	12.19	18	45.72
14	26	7.92	16	40.64
15	20	6.10	8	20.32
16	45	13.72	22	55.88
17	50	15.24	19	48.26
18	35	10.67	10	25.40
19	25	7.62	12	30.48
20	35	10.67	17	43.18
21	20	6.10	19	48.26
22	50	15.24	28	71.12
23	25	7.62	12	30.48
24	50	15.24	21	53.34
25	10	3.05	7	17.78
26	40	12.19	18	45.72
27	21	6.40	15	38.10
28	15	4.57	7	17.78
29	15	4.57	8	20.32
30	18	5.49	9.5	24.13
31	15	4.57	18	45.72
32	35	10.67	12	30.48
33	25	7.62	12	30.48
34	15	4.57	9	22.86
35	20	6.10	7	17.78
36	20	6.10	7	17.78
37	17	5.18	11	27.94
38	25	7.62	12	30.48
39	22	6.71	11	27.94
40	35	10.67	31	78.74

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	15	4.57	11	27.94
42	25	7.62	12	30.48
43	17	5.18	11	27.94
44	22	6.71	11	27.94
45	24	7.32	13	33.02
46	40	12.19	24	60.96
47	20	6.10	10	25.40
48	22	6.71	11	27.94
49	30	9.14	26	66.04
50	20	6.10	13	33.02
51	20	6.10	11	27.94
52	25	7.62	13	33.02
53	17	5.18	9	22.86
54	35	10.67	25	63.50
55	20	6.10	11	27.94
56	16	4.88	11	27.94
57	20	6.10	12	30.48
58	18	5.49	11	27.94
59	20	6.10	12	30.48
60	21	6.40	10	25.40
61	20	6.10	13	33.02
62	35	10.67	16	40.64
63	17	5.18	10	25.40
64	30	9.14	13	33.02
65	20	6.10	11	27.94
66	17	5.18	9	22.86
67	14	4.27	9	22.86
68	15	4.57	8	20.32
69	21	6.40	11	27.94
70	19	5.79	10	25.40
71	26	7.92	12	30.48
72	35	10.67	18	45.72
73	20	6.10	8	20.32
74	20	6.10	11	27.94
75	22	6.71	10	25.40
76	32	9.75	15	38.10
77	35	10.67	15	38.10
78	40	12.19	19	48.26
79	41	12.50	17	43.18
80	17	5.18	11	27.94

BUNDWAN

Madhuca latifolia/ (Mahua)										*Buchanania lanzan*/ (Piyal)				
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
81	20	6.10	10	25.40	121	20	6.10	12	30.48	1	18	5.49	9	22.86
82	15	4.57	10	25.40	122	25	7.62	9	22.86	2	14	4.27	9	22.86
83	15	4.57	8	20.32	123	30	9.14	12	30.48	3	30	9.14	14	35.56
84	20	6.10	11	27.94	124	35	10.67	22	55.88	4	30	9.14	14	35.56
85	40	12.19	15	38.10	125	20	6.10	8	20.32	5	37	11.28	14	35.56
86	35	10.67	21	53.34	126	25	7.62	10	25.40	6	20	6.10	11	27.94
87	47	14.33	24	60.96	127	20	6.10	10	25.40	7	25	7.62	12	30.48
88	40	12.19	13	33.02	128	12	3.66	8	20.32	8	26	7.92	13	33.02
89	20	6.10	11	27.94	129	14	4.27	8	20.32	9	14	4.27	20	50.80
90	46	14.02	21	53.34	130	30	9.14	8	20.32	10	43	13.11	15	38.10
91	40	12.19	18	45.72	131	12	3.66	8	20.32	11	45	13.72	14	35.56
92	50	15.24	20	50.80	132	28	8.53	10	25.40	12	50	15.24	33	83.82
93	51	15.54	20	50.80	133	55	16.76	27	68.58	13	25	7.62	11	27.94
94	25	7.62	12	30.48	134	30	9.14	12	30.48	14	35	10.67	14	35.56
95	40	12.19	15	38.10	135	40	12.19	16	40.64	15	50	15.24	17	43.18
96	20	6.10	18	45.72	136	15	4.57	8	20.32	16	40	12.19	18	45.72
97	20	6.10	10	25.40	137	20	6.10	8.5	21.59	17	35	10.67	12	30.48
98	40	12.19	15	38.10	138	20	6.10	11	27.94	18	25	7.62	10	25.40
99	31	9.45	26	66.04	139	15	4.57	8.5	21.59	19	40	12.19	14	35.56
100	40	12.19	16	40.64	140	20	6.10	10	25.40	20	35	10.67	12	30.48
101	20	6.10	10	25.40	141	15	4.57	8	20.32	21	25	7.62	10	25.40
102	42	12.80	21	53.34	142	36	10.97	16	40.64	22	40	12.19	15	38.10
103	20	6.10	11	27.94	143	20	6.10	7.5	19.05	23	45	13.72	20	50.80
104	25	7.62	12	30.48	144	21	6.40	10	25.40	24	12	3.66	8	20.32
105	35	10.67	9	22.86	145	12	3.66	8	20.32	25	60	18.29	26	66.04
106	25	7.62	10	25.40	146	20	6.10	10	25.40	26	50	15.24	24	60.96
107	45	13.72	15	38.10	147	35	10.67	10	25.40	27	25	7.62	22	55.88
108	50	15.24	19	48.26	148	20	6.10	10	25.40	28	20	6.10	9	22.86
109	40	12.19	16	40.64	149	25	7.62	9	22.86	29	50	15.24	18	45.72
110	67	20.42	32	81.28	150	35	10.67	14	35.56	30	55	16.76	19	48.26
111	30	9.14	10	25.40	151	50	15.24	22.5	57.15	31	50	15.24	18	45.72
112	40	12.19	15	38.10	152	35	10.67	13	33.02	32	15	4.57	8	20.32
113	20	6.10	8	20.32	153	25	7.62	10	25.40	33	50	15.24	19	48.26
114	25	7.62	15	38.10	154	35	10.67	12	30.48	34	20	6.10	10	25.40
115	35	10.67	10	25.40	155	40	12.19	15	38.10	35	25	7.62	11	27.94
116	30	9.14	13	33.02	156	46	14.02	22	55.88	36	25	7.62	19	48.26
117	40	12.19	14	35.56	157	26	7.92	11.5	29.21	37	50	15.24	23	58.42
118	45	13.72	24	60.96	158	17	5.18	10	25.40	38	20	6.10	7	17.78
119	30	9.14	10	25.40	159	20	6.10	14	35.56	39	45	13.72	18	45.72
120	12	3.66	8	20.32	160	20	6.10	9	22.86	40	30	9.14	15	38.10
					161	41	12.50	21	53.34					

BUNDWAN

***Buchanania lanzan*/ (Piyal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
41	30	9.14	18	45.72	81	25	7.62	10	25.40	121	35	10.67	13.5	34.29
42	32	9.75	13	33.02	82	40	12.19	12	30.48	122	30	9.14	16	40.64
43	37	11.28	15	38.10	83	35	10.67	23	58.42	123	15	4.57	9.5	24.13
44	40	12.19	18	45.72	84	36	10.97	14	35.56	124	50	15.24	15	38.10
45	30	9.14	14	35.56	85	20	6.10	10	25.40	125	30	9.14	22	55.88
46	18	5.49	11	27.94	86	35	10.67	15	38.10	126	50	15.24	19	48.26
47	28	8.53	16	40.64	87	45	13.72	21	53.34	127	30	9.14	11	27.94
48	25	7.62	14	35.56	88	35	10.67	10	25.40	128	50	15.24	23	58.42
49	24	7.32	13	33.02	89	15	4.57	8	20.32	129	35	10.67	17.5	44.45
50	21	6.40	11	27.94	90	30	9.14	13	33.02	130	35	10.67	17	43.18
51	23	7.01	12	30.48	91	35	10.67	15	38.10	131	52	15.85	19	48.26
52	20	6.10	11	27.94	92	15	4.57	10	25.40	132	51	15.54	16	40.64
53	20	6.10	13	33.02	93	35	10.67	14	35.56	133	35	10.67	15	38.10
54	26	7.92	17	43.18	94	45	13.72	25	63.50	134	20	6.10	12	30.48
55	35	10.67	23	58.42	95	12	3.66	10	25.40					
56	38	11.58	14	35.56	96	20	6.10	12	30.48					
57	40	12.19	16	40.64	97	25	7.62	10	25.40					
58	40	12.19	16	40.64	98	30	9.14	13	33.02					
59	32	9.75	15	38.10	99	35	10.67	14	35.56					
60	22	6.71	12	30.48	100	15	4.57	10	25.40					
61	18	5.49	10	25.40	101	35	10.67	16	40.64					
62	32	9.75	15	38.10	102	30	9.14	10	25.40					
63	25	7.62	11	27.94	103	35	10.67	12	30.48					
64	45	13.72	14	35.56	104	20	6.10	9	22.86					
65	45	13.72	19	48.26	105	30	9.14	15	38.10					
66	30	9.14	13	33.02	106	42	12.80	15	38.10					
67	30	9.14	14	35.56	107	36	10.97	19.5	49.53					
68	45	13.72	19	48.26	108	30	9.14	10	25.40					
69	19	5.79	10	25.40	109	31	9.45	18.5	46.99					
70	35	10.67	20	50.80	110	25	7.62	15	38.10					
71	15	4.57	10	25.40	111	16	4.88	10	25.40					
72	40	12.19	15	38.10	112	35	10.67	15	38.10					
73	45	13.72	18	45.72	113	31	9.45	17	43.18					
74	15	4.57	8	20.32	114	12	3.66	10	25.40					
75	25	7.62	10	25.40	115	27	8.23	14	35.56					
76	25	7.62	18	45.72	116	50	15.24	16	40.64					
77	25	7.62	10	25.40	117	15	4.57	12	30.48					
78	12	3.66	8	20.32	118	56	17.07	20	50.80					
79	14	4.27	8	20.32	119	45	13.72	20	50.80					
80	30	9.14	12	30.48	120	30	9.14	13	33.02					

***Soymida febrifuga*/ (Rahora)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	9	22.86
2	12	3.66	6	15.24
3	12	3.66	9	22.86
4	20	6.10	13	33.02
5	15	4.57	22	55.88
6	15	4.57	10	25.40

***Gardenia latifolia*/ (Dombhurru)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	9	22.86

***Pterocarpus marsupium*/ (Piyasal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	6	1.83	10	25.40

BUNDWAN

Semecarpas anacardium/ (Vella)									
Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	50	15.24	22	55.88	41	47	14.33	25	63.50
2	22	6.71	9	22.86	42	30	9.14	13	33.02
3	30	9.14	11	27.94	43	52	15.85	28	71.12
4	32	9.75	18	45.72	44	40	12.19	13	33.02
5	42	12.80	16	40.64	45	40	12.19	14	35.56
6	28	8.53	14	35.56	46	35	10.67	10	25.40
7	35	10.67	18	45.72	47	15	4.57	10	25.40
8	45	13.72	17	43.18	48	20	6.10	14	35.56
9	25	7.62	11.5	29.21	49	15	4.57	10	25.40
10	20	6.10	10	25.40	50	25	7.62	10	25.40
11	50	15.24	14	35.56	51	15	4.57	9	22.86
12	40	12.19	11	27.94	52	35	10.67	12	30.48
13	25	7.62	17	43.18	53	30	9.14	13	33.02
14	45	13.72	16	40.64	54	20	6.10	10	25.40
15	20	6.10	9	22.86	55	50	15.24	20	50.80
16	20	6.10	11	27.94	56	40	12.19	15	38.10
17	50	15.24	14	35.56	57	20	6.10	10	25.40
18	35	10.67	14	35.56	58	30	9.14	14	35.56
19	30	9.14	14	35.56	59	35	10.67	11	27.94
20	18	5.49	11	27.94	60	35	10.67	13	33.02
21	25	7.62	12	30.48	61	55	16.76	24	60.96
22	20	6.10	12	30.48	62	30	9.14	14	35.56
23	35	10.67	14	35.56	63	30	9.14	14	35.56
24	30	9.14	13	33.02	64	25	7.62	10	25.40
25	32	9.75	14	35.56	65	25	7.62	10	25.40
26	17	5.18	9	22.86	66	30	9.14	12	30.48
27	18	5.49	13	33.02	67	25	7.62	10	25.40
28	14	4.27	11	27.94	68	16	4.88	7	17.78
29	20	6.10	10	25.40	69	20	6.10	10	25.40
30	17	5.18	8	20.32	70	37	11.28	16	40.64
31	24	7.32	12	30.48	71	30	9.14	17	43.18
32	25	7.62	12	30.48	72	35	10.67	15	38.10
33	30	9.14	12	30.48	73	30	9.14	10	25.40
34	20	6.10	11	27.94	74	25	7.62	11	27.94
35	30	9.14	14	35.56	75	20	6.10	7	17.78
36	20	6.10	8	20.32	76	30	9.14	9.5	24.13
37	25	7.62	11	27.94					
38	28	8.53	12	30.48					
39	25	7.62	10	25.40					
40	50	15.24	17	43.18					

Terminalia tomentosa/ (Ason)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	15	4.57	10	25.40
3	15	4.57	9	22.86
4	25	7.62	11	27.94
5	17	5.18	10	25.40
6	15	4.57	15	38.10
7	30	9.14	10	25.40
8	15	4.57	8	20.32
9	55	16.76	39	99.06
10	25	7.62	10	25.40
11	18	5.49	12	30.48
12	16	4.88	22	55.88
13	17	5.18	9	22.86
14	19	5.79	9	22.86
15	15	4.57	12	30.48
16	30	9.14	12	30.48
17	32	9.75	16	40.64
18	15	4.57	7.5	19.05
19	55	16.76	20	50.80
20	25	7.62	12	30.48
21	18	5.49	8	20.32
22	20	6.10	15	38.10
23	30	9.14	12	30.48
24	11	3.35	12.5	31.75

Albizia lebbeck/ (Sada Siris/Siris)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94
2	42	12.80	14	35.56
3	35	10.67	21	53.34

Phyllanthus embelica / (Amloki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	9	22.86
2	15	4.57	7	17.78

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***Lannea coromandelica*/ (Geol/Doka)**

Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94	41	10	3.05	8	20.32
2	42	12.80	14	35.56	42	40	12.19	15	38.10
3	35	10.67	21	53.34					
4	35	10.67	18	45.72					
5	22	6.71	12	30.48					
6	35	10.67	13	33.02					
7	25	7.62	10	25.40					
8	40	12.19	22	55.88					
9	35	10.67	14	35.56					
10	35	10.67	13.5	34.29					
11	45	13.72	15	38.10					
12	15	4.57	6	15.24					
13	25	7.62	10	25.40					
14	21	6.40	11	27.94					
15	25	7.62	13	33.02					
16	25	7.62	13	33.02					
17	24	7.32	13	33.02					
18	16	4.88	9	22.86					
19	45	13.72	19	48.26					
20	25	7.62	13	33.02					
21	53	16.15	20	50.80					
22	51	15.54	28	71.12					
23	40	12.19	21	53.34					
24	35	10.67	18	45.72					
25	35	10.67	14	35.56					
26	20	6.10	9	22.86					
27	30	9.14	14	35.56					
28	20	6.10	14	35.56					
29	17	5.18	12	30.48					
30	45	13.72	20	50.80					
31	40	12.19	17	43.18					
32	30	9.14	14	35.56					
33	30	9.14	18	45.72					
34	12	3.66	7	17.78					
35	25	7.62	12	30.48					
36	14	4.27	8	20.32					
37	35	10.67	21	53.34					
38	20	6.10	10	25.40					
39	16	4.88	10	25.40					
40	17	5.18	12	30.48					

***Diospyros excelsa*/ (Kendu)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	9	22.86
2	12	3.66	6	15.24
3	12	3.66	9	22.86
4	20	6.10	13	33.02
5	15	4.57	22	55.88
6	15	4.57	10	25.40
7	20	6.10	8	20.32
8	12	3.66	8	20.32
9	14	4.27	9	22.86
10	13	3.96	10	25.40
11	7	2.13	11	27.94
12	15	4.57	11	27.94
13	18	5.49	9	22.86
14	12	3.66	11	27.94
15	17	5.18	10	25.40
16	27	8.23	12	30.48
17	15	4.57	10	25.40
18	14	4.27	18	45.72
19	12	3.66	10	25.40
20	15	4.57	10	25.40
21	12	3.66	10	25.40
22	13	3.96	9	22.86
23	12	3.66	8	20.32
24	16	4.88	10	25.40
25	20	6.10	10	25.40
26	15	4.57	10	25.40
27	15	4.57	12	30.48
28	15	4.57	9.5	24.13
29	16	4.88	8	20.32

***Flacourtia indica*/ (Choto Boichi)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	27	68.58
2	6	1.83	10	25.40
3	12	3.66	8	20.32

***Dillenia indica*/ (Chalta)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64
2	15	4.57	16	40.64
3	25	7.62	12	30.48
4	10	3.05	12	30.48

***Cleistanthus collinus*/ (Parasi)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	8	20.32

***Cochlospermum religiosum*/ (Galgali/Bandorpichla)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	45	13.72	23	58.42
3	20	6.10	16	40.64

***Morinda citrifolia*/ (Choili/Noni/Auch)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	13	33.02
2	10	3.05	12	30.48
3	15	4.57	12	30.48
4	9	2.74	13	33.02

***Anogeissus latifolia*/ (Dhaw)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	13	33.02
2	12	3.66	12	30.48
3	13	3.96	10	25.40
4	30	9.14	12	30.48
5	12	3.66	11	27.94
6	7	2.13	10	25.40
7	14	4.27	9	22.86
8	12	3.66	7	17.78
9	15	4.57	10	25.40
10	12	3.66	10	25.40

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***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	16	40.64	41	25	7.62	11	27.94	81	25	7.62	11	27.94
2	40	12.19	17	43.18	42	40	12.19	12	30.48	82	35	10.67	14	35.56
3	32	9.75	13	33.02	43	62	18.90	25	63.50	83	28	8.53	13	33.02
4	30	9.14	11	27.94	44	35	10.67	14	35.56	84	45	13.72	22	55.88
5	40	12.19	15	38.10	45	30	9.14	11	27.94	85	25	7.62	11	27.94
6	25	7.62	10	25.40	46	25	7.62	11	27.94	86	32	9.75	18	45.72
7	40	12.19	14	35.56	47	40	12.19	18	45.72	87	20	6.10	11	27.94
8	35	10.67	19	48.26	48	42	12.80	17	43.18	88	14	4.27	11	27.94
9	26	7.92	16	40.64	49	65	19.81	34	86.36	89	30	9.14	13	33.02
10	35	10.67	16	40.64	50	50	15.24	16	40.64	90	25	7.62	13	33.02
11	30	9.14	14	35.56	51	40	12.19	24	60.96	91	40	12.19	15	38.10
12	30	9.14	13	33.02	52	45	13.72	26	66.04	92	60	18.29	24	60.96
13	40	12.19	16	40.64	53	35	10.67	18	45.72	93	40	12.19	19	48.26
14	42	12.80	17	43.18	54	52	15.85	20	50.80	94	28	8.53	13	33.02
15	48	14.63	19	48.26	55	45	13.72	26	66.04	95	35	10.67	16	40.64
16	20	6.10	16	40.64	56	42	12.80	22	55.88	96	40	12.19	16	40.64
17	40	12.19	16	40.64	57	30	9.14	13	33.02	97	38	11.58	17	43.18
18	50	15.24	18	45.72	58	17	5.18	10	25.40	98	36	10.97	18	45.72
19	52	15.85	20	50.80	59	46	14.02	18	45.72	99	40	12.19	22	55.88
20	25	7.62	11	27.94	60	40	12.19	17	43.18	100	40	12.19	18	45.72
21	28	8.53	11	27.94	61	45	13.72	16	40.64	101	30	9.14	12	30.48
22	40	12.19	19	48.26	62	30	9.14	14	35.56	102	15	4.57	17	43.18
23	32	9.75	12	30.48	63	50	15.24	26	66.04	103	60	18.29	23	58.42
24	48	14.63	14	35.56	64	46	14.02	21	53.34	104	47	14.33	14	35.56
25	52	15.85	16	40.64	65	40	12.19	17	43.18	105	20	6.10	9	22.86
26	35	10.67	18	45.72	66	42	12.80	14	35.56	106	18	5.49	11	27.94
27	30	9.14	12	30.48	67	30	9.14	14	35.56	107	52	15.85	25	63.50
28	51	15.54	21	53.34	68	40	12.19	15	38.10	108	40	12.19	22	55.88
29	45	13.72	22	55.88	69	30	9.14	11	27.94	109	42	12.80	20	50.80
30	35	10.67	18	45.72	70	42	12.80	17	43.18	110	41	12.50	20	50.80
31	50	15.24	17	43.18	71	24	7.32	12	30.48	111	36	10.97	23	58.42
32	48	14.63	13	33.02	72	30	9.14	15	38.10	112	32	9.75	13	33.02
33	24	7.32	11	27.94	73	38	11.58	12	30.48	113	40	12.19	17	43.18
34	39	11.89	16	40.64	74	35	10.67	16	40.64	114	45	13.72	18	45.72
35	25	7.62	22	55.88	75	32	9.75	11	27.94	115	26	7.92	12	30.48
36	25	7.62	12	30.48	76	40	12.19	13	33.02	116	40	12.19	17	43.18
37	17	5.18	11	27.94	77	30	9.14	11	27.94	117	28	8.53	13	33.02
38	45	13.72	22	55.88	78	35	10.67	15	38.10	118	24	7.32	11	27.94
39	30	9.14	13	33.02	79	33	10.06	15	38.10	119	45	13.72	18	45.72
40	40	12.19	17	43.18	80	30	9.14	11	27.94	120	25	7.62	12	30.48

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	26	7.92	14	35.56	161	15	4.57	11	27.94	201	36	10.97	18	45.72
122	30	9.14	13	33.02	162	52	15.85	27	68.58	202	45	13.72	22	55.88
123	45	13.72	18	45.72	163	30	9.14	14	35.56	203	46	14.02	15	38.10
124	22	6.71	11	27.94	164	25	7.62	11	27.94	204	50	15.24	20	50.80
125	20	6.10	11	27.94	165	30	9.14	11	27.94	205	42	12.80	14	35.56
126	40	12.19	19	48.26	166	40	12.19	16	40.64	206	52	15.85	18	45.72
127	18	5.49	12	30.48	167	25	7.62	11	27.94	207	50	15.24	17	43.18
128	25	7.62	12	30.48	168	42	12.80	23	58.42	208	45	13.72	18	45.72
129	52	15.85	22	55.88	169	20	6.10	11	27.94	209	25	7.62	11	27.94
130	50	15.24	25	63.50	170	22	6.71	11	27.94	210	35	10.67	18	45.72
131	30	9.14	14	35.56	171	50	15.24	26	66.04	211	25	7.62	13	33.02
132	30	9.14	16	40.64	172	45	13.72	22	55.88	212	35	10.67	15	38.10
133	38	11.58	16	40.64	173	38	11.58	16	40.64	213	45	13.72	18	45.72
134	36	10.97	12	30.48	174	55	16.76	24	60.96	214	22	6.71	10	25.40
135	36	10.97	17	43.18	175	35	10.67	18	45.72	215	27	8.23	11	27.94
136	30	9.14	11	27.94	176	30	9.14	12	30.48	216	60	18.29	25	63.50
137	38	11.58	14	35.56	177	35	10.67	22	55.88	217	55	16.76	25	63.50
138	40	12.19	19	48.26	178	45	13.72	26	66.04	218	14	4.27	9	22.86
139	13	3.96	28	71.12	179	40	12.19	18	45.72	219	30	9.14	17	43.18
140	38	11.58	14	35.56	180	25	7.62	11	27.94	220	55	16.76	21	53.34
141	36	10.97	25	63.50	181	30	9.14	11	27.94	221	35	10.67	16	40.64
142	45	13.72	24	60.96	182	30	9.14	10	25.40	222	52	15.85	24	60.96
143	10	3.05	15	38.10	183	40	12.19	16	40.64	223	42	12.80	22	55.88
144	32	9.75	15	38.10	184	28	8.53	13	33.02	224	32	9.75	11	27.94
145	20	6.10	11	27.94	185	45	13.72	22	55.88	225	25	7.62	12	30.48
146	40	12.19	15	38.10	186	30	9.14	13	33.02	226	45	13.72	13	33.02
147	32	9.75	13	33.02	187	40	12.19	16	40.64	227	50	15.24	22	55.88
148	32	9.75	13	33.02	188	32	9.75	12	30.48	228	30	9.14	11	27.94
149	35	10.67	17	43.18	189	50	15.24	18	45.72	229	30	9.14	14	35.56
150	32	9.75	14	35.56	190	27	8.23	12	30.48	230	30	9.14	13	33.02
151	25	7.62	15	38.10	191	35	10.67	13	33.02	231	50	15.24	16	40.64
152	30	9.14	15	38.10	192	50	15.24	21	53.34	232	17	5.18	11	27.94
153	40	12.19	18	45.72	193	36	10.97	18	45.72	233	55	16.76	22	55.88
154	45	13.72	22	55.88	194	30	9.14	13	33.02	234	50	15.24	18	45.72
155	45	13.72	22	55.88	195	45	13.72	21	53.34	235	25	7.62	14	35.56
156	60	18.29	25	63.50	196	40	12.19	13	33.02	236	48	14.63	24	60.96
157	50	15.24	21	53.34	197	32	9.75	16	40.64	237	60	18.29	22	55.88
158	30	9.14	12	30.48	198	28	8.53	12	30.48	238	50	15.24	22	55.88
159	20	6.10	11	27.94	199	17	5.18	11	27.94	239	50	15.24	17	43.18
160	46	14.02	21	53.34	200	45	13.72	22	55.88	240	50	15.24	16	40.64

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	55	16.76	20	50.80	281	27	8.23	11	27.94	321	40	12.19	16	40.64
242	35	10.67	16	40.64	282	35	10.67	12	30.48	322	30	9.14	12	30.48
243	53	16.15	18	45.72	283	45	13.72	21	53.34	323	20	6.10	14	35.56
244	40	12.19	17	43.18	284	28	8.53	12	30.48	324	20	6.10	11	27.94
245	63	19.20	20	50.80	285	30	9.14	15	38.10	325	45	13.72	17	43.18
246	55	16.76	18	45.72	286	45	13.72	18	45.72	326	35	10.67	24	60.96
247	35	10.67	12	30.48	287	28	8.53	11	27.94	327	40	12.19	13	33.02
248	32	9.75	13	33.02	288	32	9.75	10	25.40	328	20	6.10	15	38.10
249	20	6.10	10	25.40	289	50	15.24	28	71.12	329	42	12.80	18	45.72
250	14	4.27	11	27.94	290	45	13.72	22	55.88	330	52	15.85	17	43.18
251	63	19.20	26	66.04	291	61	18.59	20	50.80	331	49	14.94	16	40.64
252	16	4.88	11	27.94	292	50	15.24	18	45.72	332	40	12.19	22	55.88
253	35	10.67	16	40.64	293	25	7.62	19	48.26	333	35	10.67	22	55.88
254	45	13.72	18	45.72	294	17	5.18	12	30.48	334	65	19.81	21	53.34
255	55	16.76	22	55.88	295	40	12.19	14	35.56	335	62	18.90	26	66.04
256	47	14.33	13	33.02	296	17	5.18	11	27.94	336	35	10.67	17	43.18
257	20	6.10	8	20.32	297	25	7.62	11	27.94	337	25	7.62	10	25.40
258	22	6.71	9	22.86	298	50	15.24	14	35.56	338	55	16.76	20	50.80
259	25	7.62	9	22.86	299	45	13.72	22	55.88	339	32	9.75	16	40.64
260	60	18.29	21	53.34	300	30	9.14	11	27.94	340	40	12.19	16	40.64
261	20	6.10	8	20.32	301	45	13.72	22	55.88	341	35	10.67	15	38.10
262	26	7.92	11	27.94	302	55	16.76	23	58.42	342	40	12.19	17	43.18
263	22	6.71	11	27.94	303	36	10.97	18	45.72	343	45	13.72	16	40.64
264	25	7.62	10	25.40	304	40	12.19	20	50.80	344	25	7.62	11	27.94
265	35	10.67	12	30.48	305	50	15.24	23	58.42	345	40	12.19	16	40.64
266	30	9.14	10	25.40	306	35	10.67	17	43.18	346	25	7.62	11	27.94
267	20	6.10	8	20.32	307	40	12.19	13	33.02	347	28	8.53	13	33.02
268	15	4.57	10	25.40	308	35	10.67	12	30.48	348	30	9.14	12	30.48
269	55	16.76	21	53.34	309	15	4.57	8	20.32	349	28	8.53	13	33.02
270	26	7.92	10	25.40	310	25	7.62	11	27.94	350	50	15.24	17	43.18
271	60	18.29	25	63.50	311	50	15.24	23	58.42	351	15	4.57	11	27.94
272	45	13.72	18	45.72	312	13	3.96	8	20.32	352	35	10.67	21	53.34
273	40	12.19	18	45.72	313	55	16.76	22	55.88	353	20	6.10	11	27.94
274	32	9.75	12	30.48	314	45	13.72	21	53.34	354	35	10.67	26	66.04
275	30	9.14	10	25.40	315	62	18.90	24	60.96	355	22	6.71	11	27.94
276	45	13.72	21	53.34	316	30	9.14	11	27.94	356	35	10.67	17	43.18
277	27	8.23	12	30.48	317	38	11.58	22	55.88	357	50	15.24	27	68.58
278	30	9.14	30	76.20	318	50	15.24	23	58.42	358	55	16.76	31	78.74
279	22	6.71	9	22.86	319	56	17.07	21	53.34	359	52	15.85	21	53.34
280	25	7.62	11	27.94	320	45	13.72	23	58.42	360	26	7.92	12	30.48

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	55	16.76	24	60.96	401	30	9.14	11	27.94	441	35	10.67	20	50.80
362	35	10.67	16	40.64	402	30	9.14	12	30.48	442	46	14.02	20	50.80
363	22	6.71	12	30.48	403	30	9.14	14	35.56	443	15	4.57	10	25.40
364	15	4.57	11	27.94	404	40	12.19	20	50.80	444	40	12.19	21	53.34
365	27	8.23	11	27.94	405	50	15.24	23	58.42	445	30	9.14	12	30.48
366	30	9.14	12	30.48	406	42	12.80	15	38.10	446	60	18.29	30	76.20
367	40	12.19	18	45.72	407	40	12.19	16	40.64	447	21	6.40	10	25.40
368	35	10.67	17	43.18	408	40	12.19	19	48.26	448	55	16.76	28	71.12
369	23	7.01	11	27.94	409	46	14.02	15	38.10	449	20	6.10	12	30.48
370	17	5.18	10	25.40	410	30	9.14	14	35.56	450	32	9.75	21	53.34
371	50	15.24	18	45.72	411	40	12.19	16	40.64	451	40	12.19	15	38.10
372	55	16.76	24.5	62.23	412	40	12.19	17	43.18	452	30	9.14	11	27.94
373	22	6.71	10.5	26.67	413	25	7.62	12	30.48	453	38	11.58	11	27.94
374	25	7.62	10	25.40	414	55	16.76	35	88.90	454	40	12.19	12	30.48
375	45	13.72	13	33.02	415	20	6.10	11	27.94	455	35	10.67	10	25.40
376	55	16.76	26	66.04	416	50	15.24	27	68.58	456	55	16.76	29	73.66
377	35	10.67	11.5	29.21	417	55	16.76	22	55.88	457	40	12.19	18	45.72
378	35	10.67	12	30.48	418	15	4.57	10	25.40	458	30	9.14	11	27.94
379	55	16.76	20	50.80	419	30	9.14	19	48.26	459	35	10.67	17	43.18
380	45	13.72	19	48.26	420	20	6.10	10	25.40	460	30	9.14	17	43.18
381	20	6.10	14	35.56	421	40	12.19	21	53.34	461	30	9.14	13	33.02
382	30	9.14	10	25.40	422	35	10.67	21	53.34	462	40	12.19	19	48.26
383	35	10.67	11	27.94	423	15	4.57	10	25.40	463	35	10.67	18	45.72
384	40	12.19	14	35.56	424	43	13.11	20	50.80	464	30	9.14	17	43.18
385	40	12.19	17	43.18	425	52	15.85	22	55.88	465	45	13.72	20	50.80
386	35	10.67	14	35.56	426	34	10.36	17	43.18	466	30	9.14	12	30.48
387	45	13.72	20	50.80	427	30	9.14	11	27.94	467	35	10.67	15	38.10
388	42	12.80	19	48.26	428	35	10.67	12	30.48	468	40	12.19	21	53.34
389	36	10.97	17	43.18	429	40	12.19	22	55.88	469	40	12.19	18	45.72
390	55	16.76	29	73.66	430	35	10.67	15	38.10	470	35	10.67	20	50.80
391	41	12.50	20	50.80	431	42	12.80	21	53.34	471	42	12.80	20	50.80
392	35	10.67	15	38.10	432	30	9.14	11	27.94	472	50	15.24	21	53.34
393	40	12.19	17	43.18	433	40	12.19	16	40.64	473	35	10.67	17	43.18
394	30	9.14	15	38.10	434	20	6.10	10	25.40	474	40	12.19	21	53.34
395	25	7.62	11	27.94	435	35	10.67	13	33.02	475	30	9.14	14	35.56
396	35	10.67	13	33.02	436	30	9.14	14	35.56	476	40	12.19	19	48.26
397	30	9.14	12	30.48	437	25	7.62	13	33.02	477	35	10.67	17	43.18
398	30	9.14	19	48.26	438	30	9.14	12	30.48	478	40	12.19	21	53.34
399	40	12.19	17	43.18	439	45	13.72	17	43.18	479	35	10.67	20	50.80
400	40	12.19	17	43.18	440	55	16.76	27	68.58	480	25	7.62	13	33.02

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	35	10.67	15	38.10	521	55	16.76	25	63.50	561	45	13.72	23	58.42
482	40	12.19	20	50.80	522	45	13.72	23	58.42	562	47	14.33	26	66.04
483	35	10.67	15	38.10	523	35	10.67	17	43.18	563	55	16.76	25	63.50
484	20	6.10	11	27.94	524	35	10.67	22	55.88	564	50	15.24	12.5	31.75
485	35	10.67	16	40.64	525	56	17.07	27	68.58	565	50	15.24	17	43.18
486	20	6.10	13	33.02	526	21	6.40	10	25.40	566	55	16.76	22	55.88
487	35	10.67	10	25.40	527	30	9.14	11	27.94	567	45	13.72	26	66.04
488	35	10.67	20	50.80	528	35	10.67	14	35.56	568	50	15.24	19	48.26
489	30	9.14	9	22.86	529	40	12.19	22	55.88	569	41	12.50	15	38.10
490	40	12.19	18	45.72	530	25	7.62	10	25.40	570	55	16.76	21	53.34
491	15	4.57	12	30.48	531	20	6.10	14	35.56	571	30	9.14	14	35.56
492	45	13.72	18	45.72	532	35	10.67	10	25.40	572	25	7.62	10	25.40
493	35	10.67	19	48.26	533	58	17.68	25	63.50	573	55	16.76	25	63.50
494	40	12.19	18	45.72	534	47	14.33	22	55.88	574	56	17.07	21	53.34
495	30	9.14	14	35.56	535	35	10.67	18	45.72	575	58	17.68	27	68.58
496	48	14.63	24	60.96	536	30	9.14	16	40.64	576	35	10.67	16	40.64
497	37	11.28	15	38.10	537	25	7.62	10	25.40	577	55	16.76	24	60.96
498	50	15.24	20	50.80	538	25	7.62	12	30.48	578	26	7.92	12	30.48
499	25	7.62	12	30.48	539	30	9.14	13	33.02	579	55	16.76	28	71.12
500	30	9.14	12	30.48	540	45	13.72	21	53.34	580	38	11.58	18	45.72
501	55	16.76	28	71.12	541	20	6.10	12	30.48	581	35	10.67	12	30.48
502	35	10.67	14	35.56	542	35	10.67	18	45.72	582	56	17.07	27	68.58
503	30	9.14	12	30.48	543	30	9.14	15	38.10	583	25	7.62	10	25.40
504	30	9.14	13	33.02	544	40	12.19	21	53.34	584	55	16.76	26	66.04
505	35	10.67	14	35.56	545	30	9.14	18	45.72	585	58	17.68	23	58.42
506	36	10.97	15	38.10	546	56	17.07	25	63.50	586	57	17.37	26	66.04
507	40	12.19	18	45.72	547	35	10.67	12	30.48	587	45	13.72	22	55.88
508	25	7.62	14	35.56	548	30	9.14	10	25.40	588	46	14.02	19	48.26
509	17	5.18	10	25.40	549	22	6.71	10	25.40					
510	42	12.80	19	48.26	550	35	10.67	12	30.48					
511	30	9.14	17	43.18	551	37	11.28	19	48.26					
512	35	10.67	14	35.56	552	55	16.76	29	73.66					
513	40	12.19	19	48.26	553	22	6.71	10	25.40					
514	35	10.67	18	45.72	554	40	12.19	23	58.42					
515	20	6.10	8	20.32	555	45	13.72	22	55.88					
516	50	15.24	23	58.42	556	40	12.19	20	50.80					
517	57	17.37	24	60.96	557	36	10.97	22	55.88					
518	52	15.85	25	63.50	558	55	16.76	26	66.04					
519	38	11.58	11	27.94	559	20	6.10	17	43.18					
520	41	12.50	18	45.72	560	25	7.62	10	25.40					

Holarrhena antidysenterica/ (Kurchi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	15	4.57	10	25.40

BUNDWAN

Buchanania lanzan/ (Piyal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94	41	35	10.67	16	40.64	81	25	7.62	13	33.02
2	17	5.18	9	22.86	42	27	8.23	15	38.10	82	36	10.97	14	35.56
3	21	6.40	11	27.94	43	25	7.62	11	27.94	83	20	6.10	14	35.56
4	25	7.62	13	33.02	44	19	5.79	10	25.40	84	25	7.62	14	35.56
5	45	13.72	22	55.88	45	20	6.10	10	25.40	85	27	8.23	13	33.02
6	35	10.67	18	45.72	46	35	10.67	15	38.10	86	25	7.62	12	30.48
7	38	11.58	19	48.26	47	20	6.10	13	33.02	87	49	14.94	24	60.96
8	20	6.10	11	27.94	48	56	17.07	19	48.26	88	45	13.72	22	55.88
9	35	10.67	14	35.56	49	30	9.14	11	27.94	89	55	16.76	21	53.34
10	28	8.53	12	30.48	50	25	7.62	11	27.94	90	35	10.67	19	48.26
11	20	6.10	11	27.94	51	20	6.10	9	22.86	91	40	12.19	17	43.18
12	30	9.14	11	27.94	52	40	12.19	14	35.56	92	20	6.10	10	25.40
13	35	10.67	22	55.88	53	35	10.67	12	30.48	93	30	9.14	12	30.48
14	25	7.62	11	27.94	54	40	12.19	13	33.02	94	22	6.71	12	30.48
15	17	5.18	16	40.64	55	35	10.67	12	30.48	95	40	12.19	19	48.26
16	32	9.75	14	35.56	56	17	5.18	11	27.94	96	36	10.97	11	27.94
17	32	9.75	12	30.48	57	20	6.10	12	30.48	97	35	10.67	17	43.18
18	30	9.14	12	30.48	58	40	12.19	15	38.10	98	36	10.97	13	33.02
19	35	10.67	18	45.72	59	27	8.23	10	25.40	99	35	10.67	16	40.64
20	30	9.14	16	40.64	60	32	9.75	12	30.48	100	20	6.10	10	25.40
21	42	12.80	17	43.18	61	30	9.14	10	25.40	101	30	9.14	15	38.10
22	25	7.62	14	35.56	62	25	7.62	12	30.48	102	35	10.67	20	50.80
23	27	8.23	11	27.94	63	21	6.40	9	22.86	103	30	9.14	15	38.10
24	25	7.62	12	30.48	64	40	12.19	13	33.02	104	36	10.97	19	48.26
25	25	7.62	11	27.94	65	25	7.62	8	20.32	105	35	10.67	18	45.72
26	25	7.62	12	30.48	66	26	7.92	9	22.86	106	32	9.75	15	38.10
27	25	7.62	12	30.48	67	32	9.75	12	30.48	107	43	13.11	17	43.18
28	17	5.18	11	27.94	68	20	6.10	8	20.32	108	20	6.10	11	27.94
29	28	8.53	12	30.48	69	40	12.19	13	33.02	109	12	3.66	14	35.56
30	22	6.71	9	22.86	70	22	6.71	9	22.86	110	26	7.92	14	35.56
31	32	9.75	13	33.02	71	45	13.72	15	38.10	111	20	6.10	8	20.32
32	28	8.53	12	30.48	72	35	10.67	17	43.18	112	30	9.14	9	22.86
33	15	4.57	11	27.94	73	30	9.14	11	27.94	113	20	6.10	18	45.72
34	20	6.10	11	27.94	74	32	9.75	12	30.48	114	20	6.10	9	22.86
35	25	7.62	12	30.48	75	22	6.71	11	27.94	115	35	10.67	14	35.56
36	30	9.14	12	30.48	76	25	7.62	12	30.48	116	30	9.14	13	33.02
37	25	7.62	13	33.02	77	14	4.27	9	22.86	117	35	10.67	19	48.26
38	25	7.62	11	27.94	78	35	10.67	16	40.64	118	30	9.14	15	38.10
39	45	13.72	18	45.72	79	32	9.75	13	33.02	119	45	13.72	24	60.96
40	38	11.58	15	38.10	80	22	6.71	10	25.40	120	35	10.67	18	45.72

BUNDWAN

***Buchanania lanzan* / (Piyal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
121	32	9.75	18	45.72
122	40	12.19	15	38.10
123	30	9.14	10	25.40
124	15	4.57	9	22.86
125	28	8.53	11	27.94
126	25	7.62	7	17.78
127	45	13.72	26	66.04
128	40	12.19	22	55.88
129	25	7.62	8	20.32
130	40	12.19	16	40.64
131	46	14.02	18	45.72
132	37	11.28	15	38.10
133	35	10.67	12	30.48
134	55	16.76	27	68.58

***Pterocarpus marsupium*/ (Piyasal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	8	20.32
2	20	6.10	12	30.48
3	12	3.66	8	20.32

***Terminalia bellirica*/ (Bohera)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	18	45.72
2	20	6.10	8	20.32
3	15	4.57	8.5	21.59
4	25	7.62	10	25.40
5	46	14.02	15	38.10
6	25	7.62	11	27.94
7	43	13.11	21	53.34
8	35	10.67	12	30.48

***Madhuca latifolia*/ (Mahua)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	22	55.88
2	20	6.10	12	30.48
3	35	10.67	15	38.10
4	25	7.62	11	27.94
5	30	9.14	12	30.48
6	35	10.67	13	33.02
7	25	7.62	11	27.94
8	15	4.57	10	25.40
9	36	10.97	24	60.96
10	25	7.62	14	35.56
11	18	5.49	9	22.86
12	17	5.18	10	25.40
13	26	7.92	12	30.48
14	20	6.10	11	27.94
15	35	10.67	20	50.80
16	45	13.72	18	45.72
17	35	10.67	12	30.48
18	30	9.14	13	33.02
19	25	7.62	11	27.94
20	20	6.10	11	27.94
21	40	12.19	18	45.72
22	30	9.14	15	38.10
23	26	7.92	13	33.02
24	27	8.23	13	33.02
25	17	5.18	10	25.40
26	42	12.80	22	55.88
27	42	12.80	11	27.94
28	45	13.72	20	50.80
29	17	5.18	11	27.94
30	25	7.62	12	30.48
31	36	10.97	14	35.56
32	27	8.23	11	27.94
33	25	7.62	13	33.02
34	35	10.67	18	45.72
35	25	7.62	12	30.48
36	24	7.32	13	33.02
37	24	7.32	11	27.94
38	32	9.75	13	33.02
39	35	10.67	13	33.02
40	48	14.63	20	50.80

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	28	8.53	13	33.02
42	26	7.92	13	33.02
43	20	6.10	11	27.94
44	27	8.23	13	33.02
45	30	9.14	15	38.10
46	24	7.32	11	27.94
47	42	12.80	15	38.10
48	25	7.62	12	30.48
49	40	12.19	24	60.96
50	42	12.80	20	50.80
51	18	5.49	11	27.94
52	32	9.75	15	38.10
53	25	7.62	16	40.64
54	45	13.72	22	55.88
55	26	7.92	11	27.94
56	36	10.97	18	45.72
57	25	7.62	11	27.94
58	28	8.53	11	27.94
59	15	4.57	8	20.32
60	15	4.57	7	17.78
61	20	6.10	10	25.40
62	22	6.71	10	25.40
63	37	11.28	16	40.64
64	40	12.19	14	35.56
65	25	7.62	10	25.40
66	52	15.85	18	45.72
67	25	7.62	11	27.94
68	16	4.88	10	25.40
69	21	6.40	11	27.94
70	35	10.67	15	38.10
71	42	12.80	16	40.64
72	40	12.19	16	40.64
73	25	7.62	11	27.94
74	40	12.19	13	33.02
75	35	10.67	16	40.64
76	20	6.10	11	27.94
77	15	4.57	7	17.78
78	20	6.10	8	20.32
79	30	9.14	18	45.72
80	45	13.72	22	55.88

BUNDWAN

Madhuca latifolia/ (Mahua)										*Semecarpas anacardium*/ (Vella)				
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
81	15	4.57	16	40.64	121	15	4.57	9	22.86	1	30	9.14	18	45.72
82	30	9.14	19	48.26	122	56	17.07	20	50.80	2	17	5.18	10	25.40
83	50	15.24	28	71.12	123	26	7.92	13	33.02	3	30	9.14	14	35.56
84	55	16.76	20	50.80	124	38	11.58	12	30.48	4	40	12.19	24	60.96
85	55	16.76	22	55.88	125	50	15.24	35	88.90	5	32	9.75	15	38.10
86	15	4.57	7	17.78	126	35	10.67	10	25.40	6	25	7.62	10	25.40
87	30	9.14	12	30.48	127	37	11.28	10	25.40	7	20	6.10	9	22.86
88	15	4.57	8	20.32	128	55	16.76	23	58.42	8	20	6.10	10	25.40
89	25	7.62	12	30.48	129	55	16.76	30	76.20	9	25	7.62	11	27.94
90	20	6.10	10	25.40						10	30	9.14	11	27.94
91	12	3.66	8	20.32						11	35	10.67	12	30.48
92	57	17.37	20	50.80						12	40	12.19	19	48.26
93	35	10.67	21	53.34	*Cochlospermum religiosum*/ (Galgali/Bandorpichla)					13	35	10.67	13	33.02
94	30	9.14	15	38.10	Sl. No	Height		Girth		14	15	4.57	10	25.40
95	25	7.62	11	27.94		(ft)	(m)	(inch)	(cm)	15	30	9.14	13	33.02
96	30	9.14	14	35.56	1	22	6.71	14	35.56	16	40	12.19	16	40.64
97	20	6.10	8	20.32	2	15	4.57	8	20.32	17	30	9.14	13	33.02
98	25	7.62	10	25.40	3	35	10.67	11	27.94	18	30	9.14	11	27.94
99	30	9.14	13	33.02	4	35	10.67	10	25.40	19	40	12.19	12	30.48
100	35	10.67	15	38.10						20	25	7.62	13	33.02
101	20	6.10	10	25.40						21	30	9.14	11	27.94
102	25	7.62	15	38.10						22	37	11.28	16	40.64
103	20	6.10	7	17.78	*Aegle mermalos*/ (Bel)					23	32	9.75	13	33.02
104	35	10.67	11	27.94	Sl. No	Height		Girth		24	32	9.75	13	33.02
105	15	4.57	8	20.32		(ft)	(m)	(inch)	(cm)	25	30	9.14	13	33.02
106	45	13.72	28	71.12	1	40	12.19	35	88.90	26	32	9.75	11	27.94
107	15	4.57	7	17.78						27	30	9.14	15	38.10
108	15	4.57	8	20.32						28	28	8.53	10	25.40
109	25	7.62	8	20.32						29	17	5.18	11	27.94
110	12	3.66	8	20.32	*Flacourtia indica*/ (Choto Boichi)					30	30	9.14	15	38.10
111	45	13.72	23	58.42	Sl. No	Height		Girth		31	15	4.57	9	22.86
112	25	7.62	12	30.48		(ft)	(m)	(inch)	(cm)	32	13	3.96	6	15.24
113	56	17.07	28	71.12	1	10	3.05	8	20.32	33	17	5.18	10	25.40
114	12	3.66	7	17.78	2	16	4.88	12	30.48	34	18	5.49	9	22.86
115	18	5.49	12	30.48						35	35	10.67	12	30.48
116	42	12.80	18	45.72						36	22	6.71	12	30.48
117	20	6.10	8	20.32						37	25	7.62	10	25.40
118	56	17.07	19	48.26						38	25	7.62	11	27.94
119	15	4.57	9	22.86						39	40	12.19	15	38.10
120	36	10.97	24	60.96						40	26	7.92	12	30.48

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Semecarpas anacardium/ (Vella)										*Anogeissus latifolia*/ (Dhaw)				
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
41	36	10.97	26	66.04	81	15	4.57	10	25.40	1	15	4.57	11	27.94
42	30	9.14	18	45.72	82	20	6.10	11	27.94	2	20	6.10	11	27.94
43	18	5.49	10	25.40	83	26	7.92	12	30.48	3	15	4.57	10	25.40
44	28	8.53	16	40.64	84	25	7.62	9.5	24.13	4	25	7.62	11	27.94
45	26	7.92	11	27.94						5	30	9.14	15	38.10
46	30	9.14	11	27.94						6	20	6.10	9	22.86
47	32	9.75	13	33.02						7	14	4.27	12	30.48
48	20	6.10	8	20.32	*Bridelia retusa*/ (Kosai)					8	17	5.18	12	30.48
49	35	10.67	21	53.34	Sl. No	Height		Girth		9	20	6.10	8	20.32
50	30	9.14	12	30.48		(ft)	(m)	(inch)	(cm)	10	20	6.10	11	27.94
51	25	7.62	13	33.02	1	20	6.10	10	25.40	11	26	7.92	11	27.94
52	41	12.50	18	45.72	2	17	5.18	11	27.94	12	25	7.62	11	27.94
53	25	7.62	10	25.40						13	12	3.66	7	17.78
54	20	6.10	8	20.32						14	15	4.57	7	17.78
55	35	10.67	11	27.94						15	25	7.62	9	22.86
56	40	12.19	15	38.10	*Mitragyna parviflora*/ (Keli Kadam)					16	18	5.49	8	20.32
57	45	13.72	18	45.72	Sl. No	Height		Girth		17	50	15.24	37	93.98
58	25	7.62	8	20.32		(ft)	(m)	(inch)	(cm)	18	18	5.49	11	27.94
59	16	4.88	8	20.32	1	18	5.49	12	30.48	19	13	3.96	7	17.78
60	20	6.10	10	25.40	2	12	3.66	11	27.94	20	42	12.80	15	38.10
61	35	10.67	12	30.48						21	22	6.71	10	25.40
62	20	6.10	7	17.78						22	40	12.19	18	45.72
63	25	7.62	12	30.48						23	17	5.18	9	22.86
64	30	9.14	10	25.40	*Soymida febrifuga*/ (Rahora)					24	13	3.96	10	25.40
65	20	6.10	10	25.40	Sl. No	Height		Girth		25	37	11.28	13	33.02
66	25	7.62	12	30.48		(ft)	(m)	(inch)	(cm)	26	17	5.18	9	22.86
67	35	10.67	13	33.02	1	17	5.18	11	27.94	27	14	4.27	11	27.94
68	12	3.66	8	20.32	2	55	16.76	27	68.58	28	15	4.57	11	27.94
69	20	6.10	10	25.40						29	15	4.57	9	22.86
70	35	10.67	14	35.56	*Ougeinia oojeinensis*/ (Panjan)					30	20	6.10	15	38.10
71	42	12.80	20	50.80	Sl. No	Height		Girth		31	25	7.62	23	58.42
72	30	9.14	8	20.32		(ft)	(m)	(inch)	(cm)	32	17	5.18	11	27.94
73	25	7.62	11	27.94	1	15	4.57	7	17.78	33	22	6.71	10	25.40
74	20	6.10	8	20.32						34	17	5.18	11	27.94
75	47	14.33	14	35.56						35	18	5.49	12	30.48
76	50	15.24	13	33.02						36	22	6.71	11	27.94
77	55	16.76	22	55.88						37	25	7.62	28	71.12
78	26	7.92	15	38.10						38	25	7.62	14	35.56
79	52	15.85	21	53.34						39	24	7.32	11	27.94
80	43	13.11	17	43.18						40	18	5.49	11	27.94

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***Anogeissus latifolia*/ (Dhaw)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	17	5.18	11	27.94
42	17	5.18	13	33.02
43	25	7.62	15	38.10
44	25	7.62	12	30.48
45	20	6.10	13	33.02
46	15	4.57	12	30.48
47	20	6.10	19	48.26
48	15	4.57	7	17.78
49	17	5.18	7	17.78
50	43	13.11	20	50.80
51	20	6.10	13	33.02
52	21	6.40	8	20.32
53	35	10.67	7	17.78
54	15	4.57	20	50.80
55	10	3.05	8	20.32
56	40	12.19	19.5	49.53
57	16	4.88	8	20.32
58	10	3.05	8	20.32
59	28	8.53	15	38.10
60	55	16.76	17	43.18
61	12	3.66	7	17.78
62	45	13.72	23	58.42
63	55	16.76	20	50.80
64	20	6.10	10	25.40
65	20	6.10	16	40.64
66	12	3.66	9	22.86
67	15	4.57	8	20.32

***Cassia fistula* / (Bandorlathi/Sonalu)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	27	8.23	12	30.48

***Terminalia tomentosa*/ (Ason)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	31	78.74
2	17	5.18	18	45.72
3	25	7.62	11	27.94
4	30	9.14	13	33.02
5	30	9.14	24	60.96
6	15	4.57	10	25.40
7	20	6.10	10	25.40
8	25	7.62	11	27.94
9	25	7.62	11	27.94
10	15	4.57	8	20.32
11	25	7.62	11	27.94
12	19	5.79	11	27.94
13	30	9.14	11	27.94
14	40	12.19	22	55.88
15	17	5.18	9	22.86
16	15	4.57	11	27.94
17	22	6.71	9	22.86
18	40	12.19	18	45.72
19	15	4.57	9	22.86
20	15	4.57	11	27.94
21	15	4.57	11	27.94
22	25	7.62	9	22.86
23	17	5.18	9	22.86
24	21	6.40	10	25.40
25	30	9.14	10	25.40
26	20	6.10	11	27.94
27	20	6.10	11	27.94
28	23	7.01	11	27.94
29	20	6.10	15	38.10
30	20	6.10	10	25.40
31	25	7.62	17	43.18
32	25	7.62	15	38.10
33	35	10.67	13	33.02
34	30	9.14	14	35.56
35	15	4.57	8	20.32
36	22	6.71	21	53.34
37	35	10.67	14	35.56
38	20	6.10	18	45.72
39	18	5.49	8	20.32
40	20	6.10	10	25.40

***Morinda citrifolia* / (Choili/Noni/Auch)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	13	3.96	6	15.24
3	17	5.18	14	35.56
4	15	4.57	13	33.02
5	14	4.27	10	25.40
6	14	4.27	7	17.78
7	16	4.88	10	25.40
8	14	4.27	11	27.94
9	15	4.57	12	30.48
10	7	2.13	9	22.86
11	18	5.49	10	25.40
12	15	4.57	10	25.40
13	17	5.18	10	25.40
14	25	7.62	20	50.80

***Phyllanthus embelica*/ (Amloki)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	24	7.32	11	27.94
3	32	9.75	13	33.02
4	20	6.10	10	25.40

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***Diospyros excelsa*/ (Kendu)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	9	2.74	7	17.78
2	20	6.10	7	17.78
3	27	8.23	12	30.48
4	10	3.05	6	15.24
5	15	4.57	9	22.86
6	15	4.57	9	22.86
7	20	6.10	11	27.94
8	25	7.62	15	38.10
9	17	5.18	11	27.94
10	25	7.62	22	55.88
11	16	4.88	9	22.86
12	17	5.18	11	27.94
13	25	7.62	12	30.48
14	12	3.66	9	22.86
15	10	3.05	11	27.94
16	16	4.88	10	25.40
17	12	3.66	9	22.86
18	22	6.71	11	27.94
19	12	3.66	7	17.78
20	14	4.27	10	25.40
21	45	13.72	12	30.48
22	15	4.57	9	22.86
23	15	4.57	8	20.32
24	12	3.66	10	25.40
25	23	7.01	12	30.48
26	15	4.57	8	20.32
27	12	3.66	10	25.40
28	16	4.88	8	20.32
29	12	3.66	8	20.32
30	20	6.10	9	22.86
31	10	3.05	7	17.78
32	12	3.66	8	20.32
33	20	6.10	12	30.48
34	54	16.46	43	109.22
35	12	3.66	8	20.32
36	17	5.18	12	30.48

***Lannea coromandelica*/ (Geol/Doka)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56
2	35	10.67	12	30.48
3	30	9.14	14	35.56
4	35	10.67	19	48.26
5	26	7.92	12	30.48
6	35	10.67	24	60.96
7	48	14.63	33	83.82
8	40	12.19	16	40.64
9	30	9.14	14	35.56
10	12	3.66	11	27.94
11	17	5.18	12	30.48
12	47	14.33	27	68.58
13	45	13.72	20	50.80
14	32	9.75	15	38.10
15	35	10.67	14	35.56
16	50	15.24	19	48.26
17	28	8.53	14	35.56
18	45	13.72	27	68.58
19	40	12.19	21	53.34
20	20	6.10	11	27.94
21	50	15.24	16	40.64
22	35	10.67	18	45.72
23	36	10.97	16	40.64
24	12	3.66	8	20.32
25	20	6.10	12	30.48
26	35	10.67	15	38.10

***Gardenia latifolia*/ (Dombhurru)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	10	25.40
2	7	2.13	8	20.32

***Cleistanthus collinus*/ (Parasi)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	11	27.94
2	14	4.27	9	22.86
3	20	6.10	11	27.94
4	15	4.57	9	22.86
5	18	5.49	6	15.24
6	15	4.57	9	22.86
7	17	5.18	9	22.86
8	17	5.18	9	22.86
9	14	4.27	9	22.86
10	18	5.49	9	22.86
11	15	4.57	9	22.86
12	14	4.27	9	22.86
13	15	4.57	9	22.86
14	12	3.66	8	20.32
15	15	4.57	9	22.86
16	10	3.05	7	17.78
17	15	4.57	10	25.40
18	12	3.66	8	20.32
19	16	4.88	8	20.32
20	31	9.45	12	30.48
21	15	4.57	8	20.32

***Oroxylum indicum*/ (Bhaluk Shakti)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	26	7.92	17	43.18

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***Terminalia chebula*/ (Haritoki)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	20	50.80
2	32	9.75	30	76.20
3	22	6.71	9	22.86
4	17	5.18	9	22.86
5	18	5.49	10	25.40
6	18	5.49	8	20.32
7	18	5.49	14	35.56
8	18	5.49	12	30.48
9	30	9.14	11	27.94
10	24	7.32	11	27.94
11	20	6.10	7	17.78
12	15	4.57	8	20.32
13	35	10.67	16	40.64
14	55	16.76	12	30.48
15	15	4.57	7	17.78
16	45	13.72	19	48.26
17	20	6.10	12	30.48
18	28	8.53	50	127.00

***Albizia lebbeck*/ (Sada Siris/Siris)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	21	6.40	11	27.94
2	45	13.72	18	45.72
3	50	15.24	27	68.58
4	50	15.24	24	60.96
5	45	13.72	22	55.88
6	53	16.15	22	55.88
7	50	15.24	17	43.18
8	61	18.59	38	96.52
9	17	5.18	10	25.40
10	55	16.76	31.5	80.01
11	42	12.80	21	53.34
12	20	6.10	10	25.40
13	40	12.19	17	43.18
14	48	14.63	24	60.96
15	47	14.33	24	60.96
16	33	10.06	18	45.72
17	40	12.19	16	40.64
18	35	10.67	19	48.26
19	45	13.72	26	66.04
20	45	13.72	22	55.88
21	35	10.67	15	38.10
22	63	19.20	35	88.90
23	55	16.76	22	55.88
24	55	16.76	26	66.04

***Ficus bengalensis*/ (Bot)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	49	14.94	20	50.80

***Nyctanthes arbortritis*/ (Seuli)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	8	20.32

***Dillenia indica*/ (Chalta)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	9	22.86
2	12	3.66	8	20.32

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***Shorea robusta*/ (Sal)**

Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	36	10.97	19	48.26	41	20	6.10	11	27.94	81	45	13.72	15	38.10
2	40	12.19	17	43.18	42	42	12.80	18	45.72	82	55	16.76	25	63.50
3	29	8.84	13	33.02	43	25	7.62	14	35.56	83	42	12.80	19	48.26
4	48	14.63	23	58.42	44	62	18.90	27	68.58	84	32	9.75	17	43.18
5	50	15.24	22	55.88	45	30	9.14	14	35.56	85	15	4.57	9	22.86
6	47	14.33	21	53.34	46	55	16.76	26	66.04	86	35	10.67	12	30.48
7	30	9.14	11	27.94	47	50	15.24	16	40.64	87	50	15.24	27	68.58
8	55	16.76	27	68.58	48	32	9.75	22	55.88	88	55	16.76	29	73.66
9	40	12.19	15	38.10	49	40	12.19	16	40.64	89	18	5.49	11	27.94
10	60	18.29	30	76.20	50	25	7.62	30	76.20	90	20	6.10	12	30.48
11	40	12.19	18	45.72	51	30	9.14	14	35.56	91	23	7.01	9	22.86
12	32	9.75	14	35.56	52	35	10.67	19	48.26	92	25	7.62	12	30.48
13	22	6.71	10	25.40	53	35	10.67	14	35.56	93	35	10.67	14	35.56
14	25	7.62	9	22.86	54	60	18.29	31	78.74	94	45	13.72	20	50.80
15	52	15.85	24	60.96	55	62	18.90	24	60.96	95	35	10.67	11	27.94
16	45	13.72	16	40.64	56	30	9.14	14	35.56	96	40	12.19	14	35.56
17	40	12.19	18	45.72	57	25	7.62	12	30.48	97	50	15.24	23	58.42
18	20	6.10	14	35.56	58	30	9.14	14	35.56	98	22	6.71	9	22.86
19	50	15.24	18	45.72	59	25	7.62	11	27.94	99	45	13.72	21	53.34
20	50	15.24	18	45.72	60	40	12.19	18	45.72	100	45	13.72	17	43.18
21	48	14.63	15	38.10	61	30	9.14	14	35.56	101	45	13.72	22	55.88
22	50	15.24	26	66.04	62	35	10.67	12	30.48	102	25	7.62	18	45.72
23	55	16.76	22	55.88	63	55	16.76	20	50.80	103	45	13.72	23	58.42
24	30	9.14	12	30.48	64	50	15.24	19	48.26	104	55	16.76	23	58.42
25	35	10.67	15	38.10	65	25	7.62	11	27.94	105	35	10.67	13	33.02
26	50	15.24	24	60.96	66	20	6.10	11	27.94	106	38	11.58	13	33.02
27	42	12.80	18	45.72	67	25	7.62	11	27.94	107	35	10.67	12	30.48
28	62	18.90	26	66.04	68	40	12.19	16	40.64	108	38	11.58	11	27.94
29	32	9.75	17	43.18	69	30	9.14	11	27.94	109	56	17.07	25	63.50
30	42	12.80	24	60.96	70	42	12.80	14	35.56	110	45	13.72	17	43.18
31	30	9.14	11	27.94	71	40	12.19	17	43.18	111	46	14.02	23	58.42
32	25	7.62	12	30.48	72	42	12.80	18	45.72	112	40	12.19	15	38.10
33	30	9.14	13	33.02	73	62	18.90	34	86.36	113	35	10.67	14	35.56
34	50	15.24	34	86.36	74	28	8.53	13	33.02	114	18	5.49	9	22.86
35	40	12.19	11	27.94	75	30	9.14	12	30.48	115	45	13.72	20	50.80
36	35	10.67	16	40.64	76	30	9.14	14	35.56	116	50	15.24	20	50.80
37	45	13.72	16	40.64	77	45	13.72	20	50.80	117	35	10.67	16	40.64
38	40	12.19	16	40.64	78	45	13.72	13	33.02	118	45	13.72	19	48.26
39	40	12.19	12	30.48	79	46	14.02	16	40.64	119	30	9.14	14	35.56
40	55	16.76	36	91.44	80	50	15.24	22	55.88	120	45	13.72	16	40.64

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	45	13.72	17	43.18	161	35	10.67	12	30.48	201	45	13.72	19	48.26
122	40	12.19	14	35.56	162	30	9.14	18	45.72	202	27	8.23	14	35.56
123	32	9.75	12	30.48	163	18	5.49	7.5	19.05	203	45	13.72	18	45.72
124	55	16.76	25.5	64.77	164	15	4.57	10	25.40	204	47	14.33	21	53.34
125	35	10.67	13	33.02	165	45	13.72	20	50.80	205	45	13.72	17	43.18
126	45	13.72	14	35.56	166	42	12.80	16	40.64	206	25	7.62	15	38.10
127	55	16.76	30	76.20	167	55	16.76	21.5	54.61	207	50	15.24	17	43.18
128	25	7.62	11	27.94	168	42	12.80	20	50.80	208	32	9.75	14	35.56
129	35	10.67	20	50.80	169	35	10.67	12	30.48	209	31	9.45	10	25.40
130	35	10.67	14	35.56	170	48	14.63	29	73.66	210	45	13.72	19	48.26
131	37	11.28	14	35.56	171	48	14.63	17	43.18	211	40	12.19	17	43.18
132	45	13.72	20	50.80	172	18	5.49	10	25.40	212	45	13.72	20	50.80
133	50	15.24	20	50.80	173	42	12.80	13	33.02	213	50	15.24	16	40.64
134	55	16.76	21	53.34	174	32	9.75	12	30.48	214	40	12.19	15	38.10
135	45	13.72	19.5	49.53	175	20	6.10	10	25.40	215	55	16.76	23	58.42
136	32	9.75	11.5	29.21	176	40	12.19	13	33.02	216	35	10.67	14	35.56
137	25	7.62	18	45.72	177	45	13.72	12	30.48	217	42	12.80	12	30.48
138	42	12.80	14	35.56	178	55	16.76	24	60.96	218	30	9.14	12	30.48
139	35	10.67	18.5	46.99	179	18	5.49	11	27.94	219	25	7.62	10.5	26.67
140	55	16.76	28	71.12	180	45	13.72	20	50.80	220	25	7.62	10	25.40
141	42	12.80	14	35.56	181	45	13.72	17	43.18	221	20	6.10	15	38.10
142	35	10.67	18	45.72	182	15	4.57	16	40.64	222	45	13.72	18	45.72
143	45	13.72	17	43.18	183	25	7.62	15	38.10	223	26	7.92	18	45.72
144	35	10.67	16	40.64	184	45	13.72	13	33.02	224	35	10.67	15	38.10
145	45	13.72	10	25.40	185	45	13.72	24	60.96	225	50	15.24	24	60.96
146	38	11.58	18	45.72	186	35	10.67	12	30.48	226	60	18.29	24	60.96
147	55	16.76	22	55.88	187	55	16.76	22	55.88	227	25	7.62	12.5	31.75
148	40	12.19	19	48.26	188	35	10.67	22	55.88	228	30	9.14	11	27.94
149	42	12.80	21	53.34	189	35	10.67	20.5	52.07	229	55	16.76	26	66.04
150	35	10.67	16	40.64	190	25	7.62	11	27.94	230	25	7.62	10.5	26.67
151	55	16.76	22	55.88	191	26	7.92	16.5	41.91	231	50	15.24	16	40.64
152	45	13.72	15	38.10	192	12	3.66	9	22.86	232	50	15.24	18	45.72
153	53	16.15	22	55.88	193	25	7.62	12.5	31.75	233	54	16.46	25	63.50
154	45	13.72	16	40.64	194	45	13.72	19	48.26	234	45	13.72	20	50.80
155	42	12.80	17	43.18	195	25	7.62	17	43.18	235	57	17.37	25	63.50
156	20	6.10	45	114.30	196	30	9.14	11	27.94	236	60	18.29	19	48.26
157	46	14.02	17	43.18	197	60	18.29	21	53.34	237	35	10.67	11.5	29.21
158	48	14.63	20	50.80	198	35	10.67	19	48.26	238	50	15.24	27	68.58
159	58	17.68	30	76.20	199	15	4.57	11.5	29.21	239	56	17.07	24	60.96
160	45	13.72	15	38.10	200	50	15.24	19.5	49.53	240	45	13.72	14	35.56

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	30	9.14	16	40.64	281	22	6.71	24	60.96	321	35	10.67	20	50.80
242	40	12.19	14	35.56	282	35	10.67	12	30.48	322	40	12.19	23	58.42
243	35	10.67	14.5	36.83	283	20	6.10	11	27.94	323	25	7.62	11	27.94
244	45	13.72	18	45.72	284	37	11.28	18	45.72	324	45	13.72	28	71.12
245	56	17.07	24	60.96	285	32	9.75	12	30.48	325	40	12.19	22	55.88
246	42	12.80	17	43.18	286	25	7.62	11	27.94	326	15	4.57	11	27.94
247	55	16.76	24	60.96	287	40	12.19	25	63.50	327	20	6.10	11	27.94
248	45	13.72	14	35.56	288	35	10.67	18	45.72	328	35	10.67	23	58.42
249	25	7.62	15	38.10	289	48	14.63	20	50.80	329	23	7.01	11	27.94
250	35	10.67	14	35.56	290	22	6.71	11	27.94	330	20	6.10	11	27.94
251	25	7.62	15	38.10	291	30	9.14	12	30.48	331	20	6.10	11	27.94
252	35	10.67	12.5	31.75	292	35	10.67	12	30.48	332	40	12.19	22	55.88
253	55	16.76	17	43.18	293	40	12.19	12	30.48	333	30	9.14	12	30.48
254	42	12.80	14	35.56	294	40	12.19	18	45.72	334	35	10.67	26	66.04
255	50	15.24	17	43.18	295	38	11.58	16	40.64	335	30	9.14	14	35.56
256	50	15.24	20.5	52.07	296	40	12.19	15	38.10	336	25	7.62	10	25.40
257	25	7.62	10.5	26.67	297	45	13.72	15	38.10	337	35	10.67	16	40.64
258	30	9.14	12	30.48	298	30	9.14	14	35.56	338	40	12.19	17	43.18
259	25	7.62	13	33.02	299	45	13.72	18	45.72	339	35	10.67	13	33.02
260	30	9.14	13	33.02	300	30	9.14	12	30.48	340	20	6.10	12	30.48
261	35	10.67	17	43.18	301	55	16.76	29	73.66	341	30	9.14	12	30.48
262	55	16.76	28	71.12	302	15	4.57	12	30.48	342	25	7.62	14	35.56
263	40	12.19	18	45.72	303	35	10.67	15	38.10	343	40	12.19	15	38.10
264	45	13.72	22	55.88	304	27	8.23	12	30.48	344	50	15.24	16	40.64
265	50	15.24	28	71.12	305	25	7.62	12	30.48	345	50	15.24	17	43.18
266	25	7.62	12	30.48	306	20	6.10	12	30.48	346	41	12.50	19	48.26
267	35	10.67	19	48.26	307	15	4.57	15	38.10	347	35	10.67	13	33.02
268	45	13.72	22	55.88	308	18	5.49	10	25.40	348	65	19.81	25	63.50
269	40	12.19	15	38.10	309	25	7.62	12	30.48	349	40	12.19	14	35.56
270	40	12.19	18	45.72	310	18	5.49	10	25.40	350	50	15.24	22	55.88
271	55	16.76	22	55.88	311	25	7.62	12	30.48	351	17	5.18	10	25.40
272	35	10.67	18	45.72	312	18	5.49	10	25.40	352	25	7.62	14	35.56
273	30	9.14	12	30.48	313	25	7.62	22	55.88	353	55	16.76	31	78.74
274	35	10.67	12	30.48	314	30	9.14	13	33.02	354	25	7.62	15	38.10
275	40	12.19	11	27.94	315	25	7.62	14	35.56	355	42	12.80	16	40.64
276	40	12.19	26	66.04	316	30	9.14	15	38.10	356	38	11.58	17	43.18
277	35	10.67	14	35.56	317	40	12.19	16	40.64	357	30	9.14	16	40.64
278	25	7.62	15	38.10	318	48	14.63	21	53.34	358	60	18.29	22	55.88
279	62	18.90	32	81.28	319	35	10.67	14	35.56	359	32	9.75	20	50.80
280	25	7.62	10	25.40	320	30	9.14	12	30.48	360	23	7.01	12	30.48

BUNDWAN

Shorea robusta/ (Sal)													
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	48	14.63	18	45.72	401	20	6.10	10	25.40	441	40	12.19	15	38.10
362	45	13.72	22	55.88	402	34	10.36	13	33.02	442	40	12.19	12	30.48
363	20	6.10	11	27.94	403	63	19.20	22	55.88					
364	55	16.76	22	55.88	404	35	10.67	14	35.56					
365	50	15.24	28	71.12	405	30	9.14	13	33.02					
366	42	12.80	18	45.72	406	22	6.71	9	22.86					
367	50	15.24	22	55.88	407	48	14.63	16	40.64					
368	55	16.76	25	63.50	408	32	9.75	15	38.10					
369	42	12.80	16	40.64	409	45	13.72	18	45.72					
370	40	12.19	11	27.94	410	55	16.76	24	60.96					
371	56	17.07	24	60.96	411	40	12.19	20	50.80					
372	22	6.71	10	25.40	412	25	7.62	11	27.94					
373	50	15.24	14	35.56	413	30	9.14	14	35.56					
374	30	9.14	16	40.64	414	35	10.67	14	35.56					
375	55	16.76	27	68.58	415	34	10.36	13	33.02					
376	35	10.67	14	35.56	416	45	13.72	24	60.96					
377	30	9.14	14	35.56	417	40	12.19	18	45.72					
378	50	15.24	20	50.80	418	35	10.67	14	35.56					
379	25	7.62	12	30.48	419	50	15.24	16	40.64					
380	27	8.23	12	30.48	420	50	15.24	14	35.56					
381	40	12.19	16	40.64	421	50	15.24	24	60.96					
382	40	12.19	14	35.56	422	30	9.14	14	35.56					
383	52	15.85	20	50.80	423	50	15.24	17	43.18					
384	59	17.98	19	48.26	424	35	10.67	17	43.18					
385	55	16.76	21	53.34	425	63	19.20	30	76.20					
386	57	17.37	21	53.34	426	45	13.72	13	33.02					
387	40	12.19	17	43.18	427	50	15.24	22.5	57.15					
388	30	9.14	11	27.94	428	25	7.62	14	35.56					
389	40	12.19	14	35.56	429	18	5.49	10	25.40					
390	25	7.62	12	30.48	430	45	13.72	18	45.72					
391	30	9.14	13	33.02	431	40	12.19	13	33.02					
392	45	13.72	15	38.10	432	45	13.72	19	48.26					
393	57	17.37	25	63.50	433	60	18.29	24	60.96					
394	30	9.14	17	43.18	434	55	16.76	22	55.88					
395	35	10.67	17	43.18	435	51	15.54	20	50.80					
396	48	14.63	14	35.56	436	25	7.62	12	30.48					
397	45	13.72	22	55.88	437	55	16.76	24	60.96					
398	35	10.67	12	30.48	438	40	12.19	16	40.64					
399	60	18.29	22	55.88	439	42	12.80	21	53.34					
400	27	8.23	11	27.94	440	35	10.67	17	43.18					

Cassia fistula/ (Bandorlathi/Sonalu)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	13	33.02
2	42	12.80	12.5	31.75

Flacourtia indica/ (Choto Boichi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	13	33.02

Morinda citrifolia/ (Choili/Noni/Auch)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10.5	26.67

Lagerstroemia parviflora/ (Sidha)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86

BUNDWAN

Buchanania lanzan/ (Piyal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	22	55.88	41	28	8.53	15	38.10	81	22	6.71	9	22.86
2	25	7.62	9	22.86	42	32	9.75	16	40.64	82	15	4.57	12	30.48
3	37	11.28	14	35.56	43	20	6.10	11	27.94	83	40	12.19	22	55.88
4	22	6.71	10	25.40	44	40	12.19	16	40.64	84	20	6.10	11	27.94
5	40	12.19	23	58.42	45	25	7.62	13	33.02	85	55	16.76	22	55.88
6	25	7.62	10	25.40	46	20	6.10	12	30.48	86	35	10.67	12	30.48
7	40	12.19	28	71.12	47	12	3.66	8	20.32	87	20	6.10	8	20.32
8	32	9.75	14	35.56	48	18	5.49	10	25.40	88	18	5.49	10	25.40
9	35	10.67	15	38.10	49	25	7.62	14	35.56	89	20	6.10	12	30.48
10	25	7.62	12	30.48	50	25	7.62	11	27.94	90	17	5.18	10	25.40
11	40	12.19	20	50.80	51	20	6.10	11	27.94	91	26	7.92	19	48.26
12	25	7.62	9	22.86	52	22	6.71	10	25.40	92	32	9.75	9.5	24.13
13	20	6.10	9	22.86	53	25	7.62	13	33.02	93	35	10.67	12	30.48
14	37	11.28	15	38.10	54	25	7.62	11	27.94	94	25	7.62	11	27.94
15	30	9.14	14	35.56	55	50	15.24	20	50.80	95	25	7.62	10	25.40
16	30	9.14	12	30.48	56	30	9.14	18	45.72	96	45	13.72	15	38.10
17	40	12.19	19	48.26	57	12	3.66	11	27.94	97	45	13.72	19.5	49.53
18	25	7.62	10	25.40	58	36	10.97	16	40.64	98	25	7.62	11	27.94
19	40	12.19	14	35.56	59	18	5.49	11	27.94	99	20	6.10	9	22.86
20	45	13.72	25	63.50	60	25	7.62	12	30.48	100	22	6.71	11	27.94
21	20	6.10	16	40.64	61	38	11.58	15	38.10	101	50	15.24	23	58.42
22	40	12.19	18	45.72	62	18	5.49	13	33.02	102	20	6.10	9	22.86
23	30	9.14	13	33.02	63	20	6.10	11	27.94	103	25	7.62	12	30.48
24	40	12.19	15	38.10	64	30	9.14	17	43.18	104	42	12.80	13	33.02
25	42	12.80	18	45.72	65	17	5.18	10	25.40	105	46	14.02	18	45.72
26	25	7.62	13	33.02	66	30	9.14	14	35.56	106	25	7.62	15	38.10
27	25	7.62	11	27.94	67	20	6.10	10	25.40	107	20	6.10	11	27.94
28	25	7.62	16	40.64	68	20	6.10	11	27.94	108	15	4.57	9	22.86
29	25	7.62	9	22.86	69	15	4.57	10	25.40	109	45	13.72	16.5	41.91
30	36	10.97	22	55.88	70	25	7.62	20	50.80	110	40	12.19	13	33.02
31	35	10.67	15	38.10	71	25	7.62	12	30.48	111	45	13.72	25	63.50
32	30	9.14	17	43.18	72	23	7.01	21	53.34	112	30	9.14	22	55.88
33	25	7.62	12	30.48	73	17	5.18	11	27.94	113	35	10.67	11	27.94
34	36	10.97	17	43.18	74	40	12.19	22	55.88	114	25	7.62	18	45.72
35	40	12.19	23	58.42	75	15	4.57	10	25.40	115	45	13.72	15	38.10
36	15	4.57	9	22.86	76	20	6.10	13	33.02	116	30	9.14	14	35.56
37	20	6.10	14	35.56	77	50	15.24	14	35.56	117	45	13.72	14	35.56
38	21	6.40	13	33.02	78	20	6.10	8	20.32	118	20	6.10	8	20.32
39	35	10.67	15	38.10	79	18	5.49	8	20.32	119	50	15.24	24	60.96
40	30	9.14	16	40.64	80	35	10.67	17	43.18	120	36	10.97	11	27.94

BUNDWAN

Buchanania lanzan/ (Piyal)										*Anogeissus latifolia*/ (Dhaw)				
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	15	4.57	7	17.78	161	40	12.19	16	40.64	1	20	6.10	11	27.94
122	30	9.14	10	25.40	162	25	7.62	11	27.94	2	18	5.49	9	22.86
123	55	16.76	18	45.72	163	22	6.71	11	27.94	3	15	4.57	10	25.40
124	45	13.72	14	35.56						4	25	7.62	7	17.78
125	50	15.24	16	40.64						5	22	6.71	14	35.56
126	45	13.72	12	30.48						6	25	7.62	9	22.86
127	40	12.19	12	30.48						7	20	6.10	10	25.40
128	40	12.19	19	48.26						8	28	8.53	11	27.94
129	50	15.24	22	55.88						9	30	9.14	12	30.48
130	35	10.67	14.5	36.83	*Soymida febrifuga*/ (Rahora)					10	42	12.80	19	48.26
131	30	9.14	14	35.56	Sl. No.	Height		Girth		11	40	12.19	21	53.34
132	20	6.10	10	25.40		(ft)	(m)	(inch)	(cm)	12	17	5.18	12	30.48
133	30	9.14	13	33.02	1	10	3.05	13	33.02	13	30	9.14	14	35.56
134	30	9.14	12	30.48	2	35	10.67	17	43.18	14	20	6.10	9	22.86
135	30	9.14	12	30.48	3	14	4.27	10	25.40	15	30	9.14	13	33.02
136	28	8.53	13	33.02	4	20	6.10	16	40.64	16	38	11.58	14	35.56
137	20	6.10	10	25.40	5	12	3.66	8	20.32	17	19	5.79	10	25.40
138	42	12.80	16	40.64	6	10	3.05	8	20.32	18	19	5.79	10	25.40
139	40	12.19	22	55.88	7	13	3.96	8	20.32	19	25	7.62	9	22.86
140	25	7.62	13	33.02	8	20	6.10	8	20.32	20	15	4.57	9	22.86
141	38	11.58	14	35.56	9	18	5.49	7	17.78	21	17	5.18	9	22.86
142	40	12.19	19	48.26	10	5	1.52	9	22.86	22	25	7.62	9	22.86
143	25	7.62	13	33.02	11	29	8.84	11	27.94	23	20	6.10	11	27.94
144	40	12.19	14	35.56	12	18	5.49	11	27.94	24	35	10.67	19	48.26
145	35	10.67	14	35.56	13	45	13.72	19	48.26	25	20	6.10	9	22.86
146	17	5.18	13	33.02	14	12	3.66	6	15.24	26	17	5.18	10	25.40
147	42	12.80	20	50.80	15	30	9.14	14	35.56	27	15	4.57	9	22.86
148	25	7.62	16	40.64						28	17	5.18	10	25.40
149	20	6.10	11	27.94						29	15	4.57	12	30.48
150	17	5.18	11	27.94						30	18	5.49	10	25.40
151	28	8.53	13	33.02						31	15	4.57	7	17.78
152	40	12.19	16	40.64						32	30	9.14	12	30.48
153	25	7.62	12	30.48						33	25	7.62	10	25.40
154	25	7.62	14	35.56						34	25	7.62	10	25.40
155	32	9.75	14	35.56						35	18	5.49	10	25.40
156	15	4.57	10	25.40						36	25	7.62	11	27.94
157	20	6.10	11	27.94						37	25	7.62	11	27.94
158	20	6.10	12	30.48						38	40	12.19	14	35.56
159	18	5.49	10	25.40						39	21	6.40	9	22.86
160	25	7.62	10	25.40						40	17	5.18	9	22.86

BUNDWAN

Anogeissus latifolia/ (Dhaw)										*Cleistanthus collinus*/ (Parasi)				
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
41	25	7.62	10	25.40	81	12	3.66	14	35.56	1	17	5.18	10	25.40
42	24	7.32	14	35.56	82	15	4.57	8.5	21.59	2	15	4.57	9	22.86
43	25	7.62	9	22.86	83	15	4.57	7.5	19.05	3	17	5.18	9	22.86
44	25	7.62	10	25.40	84	15	4.57	9.5	24.13	4	13	3.96	8	20.32
45	15	4.57	9	22.86	85	15	4.57	8	20.32	5	12	3.66	8	20.32
46	20	6.10	14	35.56	86	20	6.10	7.5	19.05	6	10	3.05	8	20.32
47	34	10.36	14	35.56	87	20	6.10	8	20.32	7	12	3.66	10	25.40
48	17	5.18	8	20.32	88	15	4.57	8	20.32	8	12	3.66	8	20.32
49	15	4.57	9	22.86	89	25	7.62	9	22.86	9	17	5.18	9	22.86
50	17	5.18	9	22.86	90	14	4.27	10	25.40	10	13	3.96	8	20.32
51	25	7.62	12	30.48	91	30	9.14	12	30.48	11	10	3.05	8	20.32
52	20	6.10	11	27.94	92	15	4.57	13	33.02	12	15	4.57	9	22.86
53	17	5.18	10	25.40	93	20	6.10	7.5	19.05	13	10	3.05	8	20.32
54	15	4.57	9	22.86	94	25	7.62	10.5	26.67	14	12	3.66	10	25.40
55	15	4.57	10	25.40	95	50	15.24	16	40.64	15	14	4.27	8	20.32
56	15	4.57	9	22.86	96	30	9.14	14	35.56	16	13	3.96	8	20.32
57	25	7.62	11	27.94	97	25	7.62	9	22.86	17	15	4.57	9	22.86
58	30	9.14	11	27.94	98	40	12.19	15	38.10	18	15	4.57	9	22.86
59	15	4.57	9	22.86	99	50	15.24	16	40.64	19	14	4.27	11	27.94
60	36	10.97	18	45.72	100	32	9.75	12	30.48	20	14	4.27	7	17.78
61	15	4.57	9	22.86	101	25	7.62	11	27.94	21	20	6.10	9	22.86
62	40	12.19	18	45.72	102	20	6.10	10	25.40	22	12	3.66	9	22.86
63	22	6.71	10	25.40	103	15	4.57	10	25.40	23	13	3.96	7	17.78
64	25	7.62	9	22.86	104	20	6.10	9	22.86	24	15	4.57	8	20.32
65	30	9.14	12	30.48	105	35	10.67	21	53.34	25	17	5.18	9	22.86
66	22	6.71	10	25.40	106	20	6.10	12	30.48	26	15	4.57	9	22.86
67	35	10.67	14	35.56						27	16	4.88	7	17.78
68	20	6.10	11	27.94						28	13	3.96	7	17.78
69	13	3.96	9	22.86						29	12	3.66	6	15.24
70	18	5.49	12	30.48	*Litsea glutinosa*/ (Leda)					30	12	3.66	9	22.86
71	25	7.62	11	27.94	Sl. No.	Height		Girth		31	13	3.96	9	22.86
72	25	7.62	9	22.86		(ft)	(m)	(inch)	(cm)	32	12	3.66	9	22.86
73	20	6.10	10	25.40	1	25	7.62	20	50.80	33	20	6.10	9	22.86
74	23	7.01	10	25.40						34	18	5.49	8	20.32
75	22	6.71	9	22.86						35	13	3.96	7	17.78
76	15	4.57	10	25.40						36	15	4.57	8	20.32
77	12	3.66	7	17.78						37	14	4.27	8	20.32
78	15	4.57	7	17.78						38	12	3.66	6	15.24
79	18	5.49	22	55.88						39	13	3.96	7	17.78
80	15	4.57	6	15.24						40	18	5.49	9	22.86

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Cleistanthus collinus/ (Parasi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	20	6.10	8	20.32
42	20	6.10	6	15.24
43	15	4.57	9	22.86
44	15	4.57	10	25.40
45	20	6.10	9	22.86
46	19	5.79	10	25.40
47	15	4.57	10	25.40
48	18	5.49	8	20.32
49	15	4.57	8	20.32
50	12	3.66	8	20.32
51	15	4.57	7	17.78
52	15	4.57	6	15.24
53	15	4.57	7	17.78
54	12	3.66	9	22.86
55	15	4.57	9.5	24.13
56	16	4.88	9	22.86
57	12	3.66	8	20.32
58	12	3.66	9	22.86
59	12	3.66	8	20.32
60	16	4.88	7	17.78
61	12	3.66	7	17.78
62	12	3.66	8	20.32

Mitragyna parviflora/ (Keli Kadam)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	12	30.48

Madhuca latifolia/ (Mahua)												
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40	41	25	7.62	12	30.48					
2	28	8.53	12	30.48	42	35	10.67	12	30.48					
3	25	7.62	12	30.48	43	40	12.19	20	50.80					
4	17	5.18	10	25.40	44	30	9.14	13	33.02					
5	46	14.02	23	58.42	45	30	9.14	13	33.02					
6	40	12.19	11	27.94	46	30	9.14	13	33.02					
7	32	9.75	12	30.48	47	25	7.62	12	30.48					
8	40	12.19	16	40.64	48	45	13.72	16	40.64					
9	40	12.19	20	50.80	49	32	9.75	20	50.80					
10	36	10.97	14	35.56	50	22	6.71	18	45.72					
11	15	4.57	10	25.40	51	25	7.62	13	33.02					
12	40	12.19	26	66.04	52	18	5.49	9	22.86					
13	28	8.53	13	33.02	53	35	10.67	11	27.94					
14	25	7.62	11	27.94	54	40	12.19	24	60.96					
15	25	7.62	12	30.48	55	20	6.10	15	38.10					
16	40	12.19	18	45.72	56	25	7.62	19	48.26					
17	36	10.97	19	48.26	57	35	10.67	15	38.10					
18	40	12.19	21	53.34	58	36	10.97	15	38.10					
19	35	10.67	18	45.72	59	35	10.67	27	68.58					
20	20	6.10	12	30.48	60	20	6.10	9	22.86					
21	25	7.62	21	53.34	61	35	10.67	16	40.64					
22	30	9.14	12	30.48	62	35	10.67	15	38.10					
23	32	9.75	16	40.64	63	45	13.72	14	35.56					
24	45	13.72	31	78.74	64	22	6.71	11.5	29.21					
25	20	6.10	10	25.40	65	16	4.88	14	35.56					
26	35	10.67	23	58.42	66	20	6.10	11	27.94					
27	42	12.80	16	40.64	67	40	12.19	15.5	39.37					
28	20	6.10	11	27.94	68	12	3.66	7.5	19.05					
29	41	12.50	14	35.56	69	45	13.72	21	53.34					
30	20	6.10	9	22.86	70	20	6.10	11	27.94					
31	15	4.57	9	22.86	71	30	9.14	15	38.10					
32	45	13.72	22	55.88	72	40	12.19	19	48.26					
33	20	6.10	12	30.48	73	45	13.72	22	55.88					
34	30	9.14	16	40.64	74	20	6.10	10	25.40					
35	27	8.23	12	30.48	75	32	9.75	15	38.10					
36	35	10.67	22	55.88	76	25	7.62	13	33.02					
37	35	10.67	15	38.10	77	5	1.52	11	27.94					
38	40	12.19	20	50.80	78	42	12.80	14	35.56					
39	25	7.62	15	38.10	79	50	15.24	15	38.10					
40	20	6.10	9	22.86	80	20	6.10	11	27.94					

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Madhuca latifolia/ (Mahua)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
81	25	7.62	15	38.10
82	20	6.10	9	22.86
83	20	6.10	8	20.32
84	25	7.62	14	35.56
85	20	6.10	10	25.40
86	25	7.62	13	33.02
87	27	8.23	12	30.48
88	30	9.14	12	30.48
89	26	7.92	13.5	34.29
90	25	7.62	8.5	21.59
91	15	4.57	8	20.32
92	20	6.10	8	20.32

Terminalia chebula/ (Haritoki)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86
2	13	3.96	10	25.40
3	20	6.10	10	25.40
4	15	4.57	11	27.94
5	25	7.62	11	27.94
6	25	7.62	12	30.48
7	25	7.62	11	27.94
8	22	6.71	10	25.40
9	20	6.10	7	17.78
10	25	7.62	10	25.40

Dillenia indica/ (Chalta)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02

Terminalia tomentosa/ (Ason)													
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	9	22.86	41	25	7.62	10	25.40	81	25	7.62	15	38.10
2	25	7.62	11	27.94	42	30	9.14	16	40.64	82	20	6.10	9	22.86
3	40	12.19	18	45.72	43	40	12.19	14	35.56	83	20	6.10	8	20.32
4	35	10.67	16	40.64	44	35	10.67	16	40.64	84	25	7.62	14	35.56
5	45	13.72	18	45.72	45	28	8.53	9	22.86	85	20	6.10	10	25.40
6	30	9.14	14	35.56	46	20	6.10	11	27.94	86	25	7.62	13	33.02
7	25	7.62	11	27.94	47	32	9.75	13	33.02	87	27	8.23	12	30.48
8	35	10.67	11	27.94	48	10	3.05	6	15.24	88	30	9.14	12	30.48
9	40	12.19	16	40.64	49	15	4.57	7	17.78	89	26	7.92	13.5	34.29
10	20	6.10	14	35.56	50	35	10.67	13	33.02	90	25	7.62	8.5	21.59
11	35	10.67	12	30.48	51	25	7.62	9	22.86	91	15	4.57	8	20.32
12	20	6.10	11	27.94	52	15	4.57	7	17.78	92	20	6.10	8	20.32
13	43	13.11	22	55.88	53	22	6.71	14	35.56					
14	15	4.57	11	27.94	54	45	13.72	18	45.72					
15	22	6.71	11	27.94	55	15	4.57	8	20.32					
16	30	9.14	10	25.40	56	35	10.67	12	30.48					
17	35	10.67	15	38.10	57	25	7.62	9	22.86					
18	40	12.19	11	27.94	58	35	10.67	14	35.56					
19	16	4.88	10	25.40	59	20	6.10	16	40.64					
20	30	9.14	12	30.48	60	15	4.57	10	25.40					
21	35	10.67	18	45.72	61	25	7.62	10	25.40					
22	28	8.53	14	35.56	62	35	10.67	14	35.56					
23	27	8.23	13	33.02	63	45	13.72	23	58.42					
24	20	6.10	10	25.40	64	20	6.10	9.5	24.13					
25	21	6.40	10	25.40	65	25	7.62	10	25.40					
26	12	3.66	10	25.40	66	15	4.57	7	17.78					
27	25	7.62	13	33.02	67	16	4.88	9	22.86					
28	20	6.10	13	33.02	68	18	5.49	9	22.86					
29	20	6.10	11	27.94	69	25	7.62	10	25.40					
30	30	9.14	11	27.94	70	22	6.71	10.5	26.67					
31	38	11.58	12	30.48	71	45	13.72	11	27.94					
32	30	9.14	15	38.10	72	15	4.57	8	20.32					
33	15	4.57	10	25.40	73	20	6.10	7.5	19.05					
34	16	4.88	9	22.86	74	35	10.67	10	25.40					
35	30	9.14	14	35.56	75	35	10.67	15	38.10					
36	40	12.19	15	38.10	76	15	4.57	9	22.86					
37	25	7.62	9	22.86	77	15	4.57	9	22.86					
38	20	6.10	11	27.94										
39	17	5.18	10	25.40										
40	35	10.67	12	30.48										

BUNDWAN

***Semecarpas anacardium*/ (Vella)**

Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	17	43.18	41	15	4.57	8	20.32	1	40	12.19	26	66.04
2	22	6.71	12	30.48	42	25	7.62	15	38.10	2	45	13.72	28	71.12
3	32	9.75	16	40.64	43	45	13.72	17	43.18	3	45	13.72	32	81.28
4	35	10.67	17	43.18	44	30	9.14	11	27.94	4	45	13.72	18	45.72
5	25	7.62	11	27.94	45	40	12.19	19	48.26	5	55	16.76	33	83.82
6	40	12.19	17	43.18	46	35	10.67	12	30.48	6	40	12.19	18	45.72
7	20	6.10	12	30.48	47	43	13.11	16	40.64	7	40	12.19	14	35.56
8	35	10.67	21	53.34	48	35	10.67	16	40.64	8	25	7.62	9	22.86
9	20	6.10	12	30.48	49	20	6.10	8	20.32	9	25	7.62	11	27.94
10	30	9.14	11	27.94	50	42	12.80	14	35.56	10	60	18.29	21	53.34
11	30	9.14	13	33.02						11	45	13.72	21	53.34
12	20	6.10	14	35.56						12	22	6.71	12	30.48
13	30	9.14	11	27.94						13	30	9.14	20	50.80
14	25	7.62	11	27.94						14	35	10.67	22	55.88
15	30	9.14	14	35.56						15	40	12.19	16	40.64
16	35	10.67	13	33.02						16	40	12.19	17	43.18
17	15	4.57	9	22.86						17	33	10.06	13	33.02
18	15	4.57	8	20.32						18	40	12.19	15	38.10
19	15	4.57	10	25.40						19	30	9.14	12	30.48
20	28	8.53	12	30.48						20	40	12.19	16	40.64
21	35	10.67	14	35.56						21	45	13.72	16	40.64
22	18	5.49	12	30.48						22	40	12.19	12	30.48
23	25	7.62	14	35.56						23	45	13.72	15	38.10
24	25	7.62	10	25.40						24	50	15.24	27	68.58
25	35	10.67	14	35.56						25	45	13.72	17	43.18
26	15	4.57	9	22.86										
27	33	10.06	16	40.64										
28	15	4.57	10	25.40										
29	25	7.62	12	30.48										
30	26	7.92	12	30.48										
31	25	7.62	11	27.94										
32	32	9.75	12	30.48										
33	35	10.67	20	50.80										
34	25	7.62	15	38.10										
35	35	10.67	13	33.02										
36	20	6.10	8.5	21.59										
37	35	10.67	15	38.10										
38	25	7.62	13	33.02										
39	20	6.10	8	20.32										
40	52	15.85	17	43.18										

***Albizia lebbeck*/ (Sada Siris/Siris)**

***Diospyros excelsa*/ (Kendu)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	9	22.86
2	20	6.10	11	27.94
3	30	9.14	10	25.40
4	14	4.27	9	22.86
5	14	4.27	9	22.86
6	15	4.57	11	27.94
7	20	6.10	15	38.10
8	12	3.66	8	20.32
9	15	4.57	10	25.40
10	15	4.57	9	22.86
11	12	3.66	8	20.32
12	15	4.57	8	20.32
13	15	4.57	9	22.86
14	15	4.57	8	20.32
15	15	4.57	7.5	19.05
16	12	3.66	10	25.40
17	12	3.66	8.5	21.59
18	15	4.57	9	22.86
19	20	6.10	10	25.40

BUNDWAN

***Lannea coromandelica*/ (Geol/Doka)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10
2	30	9.14	14	35.56
3	45	13.72	26	66.04
4	35	10.67	21	53.34
5	40	12.19	18	45.72
6	40	12.19	13	33.02
7	45	13.72	16	40.64
8	35	10.67	22	55.88
9	45	13.72	24	60.96
10	50	15.24	26	66.04
11	35	10.67	18	45.72
12	25	7.62	12	30.48
13	22	6.71	12	30.48
14	22	6.71	18	45.72
15	35	10.67	16	40.64
16	40	12.19	17	43.18
17	32	9.75	26	66.04
18	45	13.72	17	43.18
19	42	12.80	19	48.26
20	25	7.62	10	25.40
21	45	13.72	16	40.64
22	45	13.72	18	45.72
23	47	14.33	20	50.80

***Pterocarpus marsupium*/ (Piyasal)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	11	27.28
2	15	4.57	10	24.80
3	30	9.14	16	39.68
4	35	10.67	14	34.72

***Phyllanthus embelica*/ (Amloki)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	23	7.01	13	33.02
2	30	9.14	17	43.18
3	30	9.14	11	27.94
4	15	4.57	8.5	21.59

***Terminalia bellirica*/ (Bohera)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	14	35.56
2	32	9.75	13	33.02

***Ougeinia oojeinensis*/ (Panjan)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	11	27.94

***Bridelia retusa*/ (Kosai)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	8	20.32
2	30	9.14	13.5	34.29

***Cochlospermum religiosum*/ (Galgali/Bandorpichla)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	14	35.56
2	34	10.36	22	55.88

***Gardenia latifolia*/ (Dombhurru)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	11	27.94
2	25	7.62	12	30.48

***Dillenia pentagyna*/ (Bon Chalta)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86

***Holarrhena antidysenterica*/ (Kurchi)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56
2	15	4.57	12.5	31.75

***Syzygium jambolanum*/ (Boro Jam/Jam)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	18	45.72
2	60	18.29	22	55.88

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***Shorea robusta*/ (Sal)**

Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	48	14.63	22	55.88	41	40	12.19	22	55.88	81	18	5.49	10	25.4
2	35	10.67	19	48.26	42	45	13.72	20	50.8	82	20	6.10	31	78.74
3	20	6.10	11	27.94	43	46	14.02	22	55.88	83	28	8.53	14	35.56
4	30	9.14	13	33.02	44	50	15.24	22	55.88	84	21	6.40	8	20.32
5	50	15.24	28	71.12	45	35	10.67	20	50.8	85	40	12.19	32	81.28
6	40	12.19	17	43.18	46	17	5.18	7	17.78	86	25	7.62	14	35.56
7	30	9.14	22	55.88	47	52	15.85	24	60.96	87	13	3.96	8	20.32
8	38	11.58	20	50.8	48	35	10.67	21	53.34	88	23	7.01	13	33.02
9	45	13.72	24	60.96	49	40	12.19	21.5	54.61	89	46	14.02	23	58.42
10	35	10.67	26	66.04	50	45	13.72	21	53.34	90	20	6.10	22	55.88
11	10	3.05	7	17.78	51	25	7.62	9.5	24.13	91	45	13.72	24	60.96
12	35	10.67	17	43.18	52	38	11.58	18	45.72	92	25	7.62	10	25.4
13	42	12.80	23	58.42	53	40	12.19	26	66.04	93	22	6.71	14	35.56
14	30	9.14	28	71.12	54	35	10.67	18	45.72	94	36	10.97	20	50.8
15	20	6.10	8	20.32	55	36	10.97	27	68.58	95	40	12.19	21	53.34
16	28	8.53	15	38.1	56	36	10.97	23	58.42	96	35	10.67	19	48.26
17	40	12.19	28	71.12	57	25	7.62	15	38.1	97	12	3.66	7	17.78
18	42	12.80	28	71.12	58	40	12.19	22	55.88	98	36	10.97	19	48.26
19	25	7.62	13	33.02	59	37	11.28	23	58.42	99	32	9.75	18	45.72
20	35	10.67	14	35.56	60	32	9.75	27	68.58	100	20	6.10	15	38.1
21	45	13.72	26	66.04	61	45	13.72	22	55.88	101	35	10.67	21	53.34
22	40	12.19	35	88.9	62	20	6.10	10	25.4	102	40	12.19	23	58.42
23	40	12.19	18	45.72	63	45	13.72	26	66.04	103	25	7.62	13	33.02
24	30	9.14	13	33.02	64	35	10.67	20	50.8	104	22	6.71	10	25.4
25	35	10.67	21	53.34	65	20	6.10	12	30.48	105	35	10.67	21	53.34
26	40	12.19	17	43.18	66	50	15.24	24	60.96	106	35	10.67	19	48.26
27	25	7.62	9	22.86	67	30	9.14	14	35.56	107	29	8.84	17	43.18
28	50	15.24	22	55.88	68	42	12.80	24	60.96	108	20	6.10	17	43.18
29	30	9.14	19	48.26	69	40	12.19	24	60.96	109	30	9.14	11	27.94
30	25	7.62	9	22.86	70	35	10.67	22	55.88	110	22	6.71	8.5	21.59
31	45	13.72	24	60.96	71	48	14.63	27	68.58	111	45	13.72	23	58.42
32	42	12.80	20	50.8	72	25	7.62	11	27.94	112	35	10.67	21	53.34
33	30	9.14	18	45.72	73	55	16.76	36	91.44	113	30	9.14	14	35.56
34	35	10.67	15	38.1	74	45	13.72	29	73.66	114	25	7.62	14	35.56
35	19	5.79	8	20.32	75	40	12.19	24	60.96	115	30	9.14	17	43.18
36	38	11.58	16	40.64	76	25	7.62	11	27.94	116	35	10.67	20.5	52.07
37	30	9.14	14	35.56	77	46	14.02	22	55.88	117	35	10.67	16	40.64
38	35	10.67	18	45.72	78	45	13.72	23	58.42	118	35	10.67	18	45.72
39	35	10.67	13	33.02	79	50	15.24	25	63.5	119	25	7.62	17	43.18
40	47	14.33	22	55.88	80	26	7.92	12	30.48	120	29	8.84	15	38.1

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Shorea robusta/ (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	17	5.18	11	27.94	161	30	9.14	11	27.94	201	35	10.67	15	38.1
122	40	12.19	21.5	54.61	162	22	6.71	10	25.4	202	35	10.67	15	38.1
123	45	13.72	26.5	67.31	163	18	5.49	12	30.48	203	30	9.14	18	45.72
124	20	6.10	32	81.28	164	20	6.10	14	35.56	204	30	9.14	17	43.18
125	28	8.53	14	35.56	165	18	5.49	14	35.56	205	25	7.62	12	30.48
126	26	7.92	15	38.1	166	30	9.14	16	40.64	206	50	15.24	25	63.5
127	15	4.57	17	43.18	167	25	7.62	14	35.56	207	25	7.62	11	27.94
128	25	7.62	12	30.48	168	30	9.14	14.5	36.83	208	30	9.14	12	30.48
129	40	12.19	21	53.34	169	35	10.67	14.5	36.83	209	20	6.10	10.5	26.67
130	22	6.71	10	25.4	170	40	12.19	24.5	62.23	210	15	4.57	8	20.32
131	20	6.10	13	33.02	171	15	4.57	8.5	21.59	211	30	9.14	16	40.64
132	45	13.72	24	60.96	172	20	6.10	14	35.56	212	25	7.62	9	22.86
133	25	7.62	13	33.02	173	16	4.88	8	20.32	213	20	6.10	9	22.86
134	52	15.85	31	78.74	174	20	6.10	13	33.02	214	40	12.19	14.5	36.83
135	35	10.67	16	40.64	175	30	9.14	17	43.18	215	40	12.19	16	40.64
136	35	10.67	22	55.88	176	30	9.14	15	38.1	216	45	13.72	16	40.64
137	30	9.14	15	38.1	177	20	6.10	9	22.86	217	45	13.72	26	66.04
138	25	7.62	11	27.94	178	50	15.24	26.5	67.31	218	22	6.71	8	20.32
139	12	3.66	8	20.32	179	10	3.05	6	15.24	219	20	6.10	9	22.86
140	50	15.24	31	78.74	180	15	4.57	8	20.32	220	25	7.62	12	30.48
141	22	6.71	11	27.94	181	15	4.57	10	25.4	221	50	15.24	21	53.34
142	22	6.71	12	30.48	182	45	13.72	19	48.26	222	20	6.10	11	27.94
143	35	10.67	16	40.64	183	12	3.66	10	25.4	223	35	10.67	13	33.02
144	35	10.67	20	50.8	184	25	7.62	14.5	36.83	224	30	9.14	17	43.18
145	25	7.62	16	40.64	185	12	3.66	26	66.04	225	25	7.62	11	27.94
146	36	10.97	21	53.34	186	30	9.14	18	45.72	226	30	9.14	15	38.1
147	30	9.14	11	27.94	187	35	10.67	17	43.18	227	30	9.14	14	35.56
148	20	6.10	6.5	16.51	188	40	12.19	20	50.8	228	50	15.24	28	71.12
149	25	7.62	15	38.1	189	23	7.01	13	33.02	229	30	9.14	13	33.02
150	8	2.44	13	33.02	190	32	9.75	19	48.26	230	45	13.72	21.5	54.61
151	40	12.19	25	63.5	191	45	13.72	38	96.52	231	40	12.19	18	45.72
152	30	9.14	14	35.56	192	22	6.71	8	20.32	232	25	7.62	10	25.4
153	20	6.10	12.5	31.75	193	30	9.14	18	45.72	233	25	7.62	11	27.94
154	15	4.57	11	27.94	194	20	6.10	9	22.86	234	20	6.10	9	22.86
155	25	7.62	12	30.48	195	40	12.19	22	55.88	235	20	6.10	9	22.86
156	25	7.62	13	33.02	196	35	10.67	10	25.4	236	30	9.14	14	35.56
157	18	5.49	7.5	19.05	197	30	9.14	13.5	34.29	237	25	7.62	13	33.02
158	20	6.10	11.5	29.21	198	45	13.72	25	63.5	238	15	4.57	8.5	21.59
159	25	7.62	12	30.48	199	42	12.80	17.5	44.45	239	20	6.10	6.5	16.51
160	40	12.19	19	48.26	200	45	13.72	19.5	49.53	240	35	10.67	15	38.1

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	40	12.19	21	53.34	281	40	12.19	25	63.5	321	28	8.53	10	25.4
242	30	9.14	19	48.26	282	25	7.62	10	25.4	322	40	12.19	28	71.12
243	28	8.53	13	33.02	283	45	13.72	25	63.5	323	45	13.72	25	63.5
244	35	10.67	17	43.18	284	30	9.14	13	33.02	324	25	7.62	18	45.72
245	30	9.14	15	38.1	285	35	10.67	17	43.18	325	25	7.62	16	40.64
246	40	12.19	19	48.26	286	30	9.14	14	35.56	326	20	6.10	11	27.94
247	32	9.75	16	40.64	287	20	6.10	8	20.32	327	30	9.14	18	45.72
248	20	6.10	12	30.48	288	25	7.62	12	30.48	328	25	7.62	20	50.8
249	15	4.57	9	22.86	289	25	7.62	11	27.94	329	28	8.53	11	27.94
250	30	9.14	10	25.4	290	17	5.18	10	25.4	330	30	9.14	15	38.1
251	32	9.75	16	40.64	291	30	9.14	10	25.4	331	30	9.14	11	27.94
252	30	9.14	13	33.02	292	25	7.62	13	33.02	332	20	6.10	11	27.94
253	40	12.19	19	48.26	293	12	3.66	11	27.94	333	25	7.62	9	22.86
254	30	9.14	13	33.02	294	27	8.23	15	38.1	334	23	7.01	9	22.86
255	25	7.62	12	30.48	295	32	9.75	16	40.64	335	30	9.14	15	38.1
256	42	12.80	20	50.8	296	33	10.06	14.5	36.83	336	28	8.53	11	27.94
257	35	10.67	15.5	39.37	297	35	10.67	23	58.42	337	20	6.10	9.5	24.13
258	30	9.14	13	33.02	298	40	12.19	26	66.04	338	14	4.27	7	17.78
259	30	9.14	17	43.18	299	30	9.14	11	27.94	339	23	7.01	10	25.4
260	40	12.19	22	55.88	300	35	10.67	19	48.26	340	15	4.57	8.5	21.59
261	14	4.27	11	27.94	301	30	9.14	15	38.1	341	28	8.53	10	25.4
262	45	13.72	21	53.34	302	30	9.14	12	30.48	342	20	6.10	10	25.4
263	25	7.62	12	30.48	303	25	7.62	11	27.94	343	20	6.10	6.5	16.51
264	25	7.62	13	33.02	304	20	6.10	9	22.86	344	25	7.62	12	30.48
265	42	12.80	25	63.5	305	40	12.19	23	58.42	345	42	12.80	18	45.72
266	20	6.10	11	27.94	306	25	7.62	15	38.1	346	40	12.19	24.5	62.23
267	25	7.62	14	35.56	307	22	6.71	9	22.86	347	43	13.11	20.5	52.07
268	42	12.80	21	53.34	308	20	6.10	9	22.86	348	42	12.80	22	55.88
269	20	6.10	10	25.4	309	30	9.14	15	38.1	349	45	13.72	26	66.04
270	40	12.19	26	66.04	310	25	7.62	18	45.72	350	45	13.72	19	48.26
271	32	9.75	15	38.1	311	25	7.62	10	25.4	351	60	18.29	27	68.58
272	20	6.10	9	22.86	312	17	5.18	11	27.94	352	42	12.80	19	48.26
273	35	10.67	16	40.64	313	25	7.62	15	38.1	353	24	7.32	8	20.32
274	40	12.19	21.5	54.61	314	15	4.57	14	35.56	354	40	12.19	19	48.26
275	50	15.24	30	76.2	315	17	5.18	9	22.86	355	30	9.14	13.5	34.29
276	35	10.67	18	45.72	316	20	6.10	9	22.86	356	35	10.67	22	55.88
277	35	10.67	20	50.8	317	30	9.14	15	38.1	357	32	9.75	13	33.02
278	35	10.67	16	40.64	318	42	12.80	28	71.12	358	35	10.67	16	40.64
279	25	7.62	9	22.86	319	15	4.57	9	22.86	359	15	4.57	6	15.24
280	35	10.67	20	50.8	320	28	8.53	15	38.1	360	38	11.58	17	43.18

BUNDWAN

Shorea robusta/ (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	36	10.97	21	53.34	401	45	13.72	32	81.28	441	50	15.24	17	43.18
362	42	12.80	18	45.72	402	45	13.72	21	53.34	442	50	15.24	19	48.26
363	60	18.29	29	73.66	403	38	11.58	14	35.56	443	18	5.49	45	114.3
364	30	9.14	10	25.4	404	30	9.14	16	40.64	444	42	12.80	17	43.18
365	28	8.53	10	25.4	405	30	9.14	17	43.18	445	28	8.53	9	22.86
366	42	12.80	19	48.26	406	32	9.75	19	48.26	446	30	9.14	10	25.4
367	45	13.72	21	53.34	407	30	9.14	14	35.56	447	45	13.72	24	60.96
368	23	7.01	8.5	21.59	408	32	9.75	17	43.18	448	22	6.71	8	20.32
369	45	13.72	21	53.34	409	40	12.19	18	45.72	449	45	13.72	19	48.26
370	30	9.14	13.5	34.29	410	30	9.14	14	35.56	450	17	5.18	42	106.68
371	32	9.75	17	43.18	411	15	4.57	8	20.32	451	38	11.58	12	30.48
372	30	9.14	17	43.18	412	42	12.80	15	38.1	452	50	15.24	26	66.04
373	30	9.14	16	40.64	413	22	6.71	8	20.32	453	50	15.24	23	58.42
374	25	7.62	16	40.64	414	45	13.72	24	60.96	454	50	15.24	19	48.26
375	42	12.80	13	33.02	415	43	13.11	22	55.88	455	52	15.85	23	58.42
376	40	12.19	22	55.88	416	28	8.53	9	22.86	456	22	6.71	15	38.1
377	10	3.05	14	35.56	417	42	12.80	23	58.42	457	30	9.14	10	25.4
378	28	8.53	17	43.18	418	28	8.53	12	30.48	458	40	12.19	14	35.56
379	20	6.10	10	25.4	419	35	10.67	15	38.1	459	42	12.80	13	33.02
380	30	9.14	12	30.48	420	32	9.75	10	25.4	460	50	15.24	20	50.8
381	42	12.80	20	50.8	421	36	10.97	19	48.26	461	50	15.24	13	33.02
382	45	13.72	18	45.72	422	38	11.58	20	50.8	462	35	10.67	12	30.48
383	40	12.19	16	40.64	423	26	7.92	12	30.48	463	50	15.24	17	43.18
384	25	7.62	7.5	19.05	424	40	12.19	18	45.72	464	50	15.24	25	63.5
385	40	12.19	21	53.34	425	45	13.72	20	50.8	465	45	13.72	18	45.72
386	40	12.19	26	66.04	426	45	13.72	17	43.18	466	20	6.10	8	20.32
387	40	12.19	13	33.02	427	50	15.24	25	63.5	467	55	16.76	26	66.04
388	10	3.05	12	30.48	428	35	10.67	11	27.94	468	50	15.24	16	40.64
389	14	4.27	7	17.78	429	45	13.72	12	30.48	469	45	13.72	12	30.48
390	15	4.57	8	20.32	430	30	9.14	10	25.4	470	50	15.24	16	40.64
391	23	7.01	8	20.32	431	40	12.19	13	33.02	471	20	6.10	11	27.94
392	38	11.58	16	40.64	432	30	9.14	13	33.02	472	50	15.24	17	43.18
393	40	12.19	22	55.88	433	20	6.10	9	22.86	473	50	15.24	15	38.1
394	20	6.10	10	25.4	434	25	7.62	10	25.4	474	45	13.72	36	91.44
395	32	9.75	16	40.64	435	50	15.24	26	66.04	475	22	6.71	9	22.86
396	30	9.14	15	38.1	436	55	16.76	20	50.8	476	45	13.72	15	38.1
397	30	9.14	20	50.8	437	40	12.19	17	43.18	477	50	15.24	21	53.34
398	30	9.14	24	60.96	438	50	15.24	24	60.96	478	20	6.10	11	27.94
399	25	7.62	8.5	21.59	439	45	13.72	12	30.48	479	60	18.29	22	55.88
400	35	10.67	17	43.18	440	45	13.72	14	35.56	480	20	6.10	11	27.94

BUNDWAN

Shorea robusta/ (Sal)					*Buchanania lanzan*/ (Piyal)									
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	30	9.14	12	30.48	1	20	6.10	9	22.86	41	20	6.10	18	45.72
482	45	13.72	18	45.72	2	15	4.57	7	17.78	42	14	4.27	7	17.78
483	45	13.72	15	38.1	3	14	4.27	7	17.78	43	25	7.62	13	33.02
484	30	9.14	13	33.02	4	12	3.66	9	22.86	44	15	4.57	11	27.94
485	50	15.24	19	48.26	5	25	7.62	14	35.56	45	25	7.62	11	27.94
486	60	18.29	31	78.74	6	18	5.49	9	22.86	46	25	7.62	15	38.10
487	35	10.67	15	38.1	7	22	6.71	9	22.86	47	32	9.75	19	48.26
488	45	13.72	18	45.72	8	12	3.66	8	20.32	48	20	6.10	11	27.94
489	12	3.66	8	20.32	9	26	7.92	12	30.48	49	20	6.10	8	20.32
490	15	4.57	9	22.86	10	25	7.62	11	27.94	50	30	9.14	18	45.72
491	15	4.57	10	25.4	11	18	5.49	9	22.86	51	25	7.62	17	43.18
492	55	16.76	17	43.18	12	25	7.62	9	22.86	52	40	12.19	17	43.18
493	45	13.72	13	33.02	13	18	5.49	9	22.86	53	18	5.49	9	22.86
494	45	13.72	20	50.8	14	20	6.10	11	27.94	54	25	7.62	13	33.02
495	45	13.72	18	45.72	15	28	8.53	14	35.56	55	22	6.71	12.5	31.75
496	30	9.14	12	30.48	16	30	9.14	19	48.26	56	25	7.62	13	33.02
497	22	6.71	10	25.4	17	20	6.10	10	25.40	57	16	4.88	7	17.78
498	15	4.57	11	27.94	18	25	7.62	11	27.94	58	20	6.10	9	22.86
499	12	3.66	8	20.32	19	20	6.10	12	30.48	59	30	9.14	14	35.56
500	45	13.72	23	58.42	20	20	6.10	10	25.40	60	20	6.10	9	22.86
501	55	16.76	22	55.88	21	14	4.27	15	38.10	61	35	10.67	17	43.18
502	50	15.24	20	50.8	22	20	6.10	10	25.40	62	17	5.18	9	22.86
503	50	15.24	20	50.8	23	12	3.66	10	25.40	63	15	4.57	5	12.70
504	35	10.67	15	38.1	24	17	5.18	12	30.48	64	20	6.10	15	38.10
505	45	13.72	16	40.64	25	12	3.66	8	20.32	65	15	4.57	9	22.86
506	30	9.14	10	25.4	26	40	12.19	32	81.28	66	16	4.88	8	20.32
507	45	13.72	16	40.64	27	28	8.53	13	33.02	67	38	11.58	18	45.72
508	55	16.76	27	68.58	28	20	6.10	9	22.86	68	30	9.14	12	30.48
509	45	13.72	18	45.72	29	25	7.62	11	27.94	69	35	10.67	15	38.10
510	55	16.76	17	43.18	30	18	5.49	10	25.40	70	30	9.14	17	43.18
511	20	6.10	9	22.86	31	21	6.40	10	25.40	71	25	7.62	12	30.48
512	10	3.05	22	55.88	32	25	7.62	9	22.86	72	30	9.14	16	40.64
					33	43	13.11	29	73.66	73	30	9.14	12	30.48
					34	28	8.53	12	30.48	74	35	10.67	15	38.10
					35	21	6.40	12	30.48	75	40	12.19	17	43.18
					36	10	3.05	14	35.56	76	35	10.67	21	53.34
					37	17	5.18	9	22.86	77	25	7.62	11	27.94
					38	25	7.62	14	35.56	78	28	8.53	16	40.64
					39	15	4.57	8	20.32	79	20	6.10	8	20.32
					40	30	9.14	16	40.64	80	20	6.10	7	17.78

BUNDWAN

***Buchanania lanzan*/ (Piyal)**

Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
81	35	10.67	16	40.64	121	35	10.67	19	48.26	161	50	15.24	23	58.42
82	35	10.67	19	48.26	122	35	10.67	22	55.88	162	45	13.72	19	48.26
83	29	8.84	11	27.94	123	36	10.97	14	35.56	163	50	15.24	14	35.56
84	15	4.57	11	27.94	124	35	10.67	12	30.48	164	45	13.72	15	38.10
85	35	10.67	20	50.80	125	38	11.58	12.5	31.75	165	32	9.75	13	33.02
86	25	7.62	14	35.56	126	35	10.67	20	50.80	166	28	8.53	10	25.40
87	20	6.10	10	25.40	127	30	9.14	11	27.94					
88	20	6.10	11	27.94	128	35	10.67	16	40.64					
89	35	10.67	21	53.34	129	25	7.62	9	22.86					
90	30	9.14	22	55.88	130	15	4.57	9	22.86					
91	20	6.10	11	27.94	131	28	8.53	12	30.48					
92	30	9.14	15	38.10	132	25	7.62	13	33.02					
93	25	7.62	10	25.40	133	35	10.67	21	53.34					
94	25	7.62	13	33.02	134	26	7.92	30	76.20					
95	20	6.10	12.5	31.75	135	31	9.45	17	43.18					
96	35	10.67	12	30.48	136	38	11.58	14	35.56					
97	35	10.67	16	40.64	137	32	9.75	13	33.02					
98	30	9.14	17	43.18	138	33	10.06	11	27.94					
99	15	4.57	7	17.78	139	36	10.97	19	48.26					
100	20	6.10	10	25.40	140	30	9.14	12	30.48					
101	32	9.75	20	50.80	141	30	9.14	9	22.86					
102	20	6.10	9	22.86	142	42	12.80	16	40.64					
103	30	9.14	11	27.94	143	35	10.67	12	30.48					
104	17	5.18	8	20.32	144	35	10.67	9	22.86					
105	20	6.10	10	25.40	145	35	10.67	12	30.48					
106	22	6.71	11	27.94	146	20	6.10	8	20.32					
107	28	8.53	11	27.94	147	35	10.67	14	35.56					
108	27	8.23	15	38.10	148	45	13.72	15	38.10					
109	20	6.10	10	25.40	149	50	15.24	18	45.72					
110	17	5.18	11	27.94	150	45	13.72	18	45.72					
111	30	9.14	21	53.34	151	45	13.72	14	35.56					
112	17	5.18	7	17.78	152	30	9.14	12	30.48					
113	30	9.14	14	35.56	153	15	4.57	32	81.28					
114	30	9.14	18	45.72	154	38	11.58	17	43.18					
115	20	6.10	12	30.48	155	45	13.72	15	38.10					
116	40	12.19	29	73.66	156	48	14.63	21	53.34					
117	30	9.14	13	33.02	157	42	12.80	18	45.72					
118	30	9.14	14	35.56	158	45	13.72	24	60.96					
119	28	8.53	9	22.86	159	45	13.72	19	48.26					
120	30	9.14	13	33.02	160	42	12.80	22	55.88					

***Pterocarpus marsupium*/ (Piyasal)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	8	20.32
2	30	9.14	16	40.64

***Lagerstroemia parviflora*/ (Sidha)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	7	17.78
2	25	7.62	12	30.48

***Terminalia bellirica*/ (Bohera)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64
2	42	12.80	22	55.88
3	30	9.14	12	30.48
4	20	6.10	9	22.86

***Flacourtia indica*/ (Choto Boichi)**

Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	11	3.35	9	22.86
2	25	7.62	12	30.48
3	23	7.01	8	20.32
4	18	5.49	12	30.48
5	45	13.72	12	30.48

BUNDWAN

Madhuca latifolia/ (Mahua)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	38	11.58	22	55.88	41	20	6.10	12	30.48	81	35	10.67	21	53.34
2	20	6.10	11	27.94	42	45	13.72	30	76.20	82	15	4.57	6	15.24
3	25	7.62	13	33.02	43	30	9.14	13	33.02	83	25	7.62	13	33.02
4	17	5.18	11	27.94	44	15	4.57	7	17.78	84	37	11.28	17	43.18
5	30	9.14	15	38.10	45	35	10.67	13	33.02	85	32	9.75	22	55.88
6	17	5.18	10	25.40	46	30	9.14	12	30.48	86	22	6.71	9	22.86
7	20	6.10	10	25.40	47	40	12.19	24	60.96	87	45	13.72	29	73.66
8	17	5.18	8.5	21.59	48	30	9.14	12	30.48	88	42	12.80	23	58.42
9	20	6.10	9	22.86	49	30	9.14	14	35.56	89	38	11.58	13.5	34.29
10	15	4.57	10	25.40	50	40	12.19	21	53.34	90	30	9.14	9	22.86
11	35	10.67	21	53.34	51	18	5.49	7.5	19.05	91	30	9.14	14	35.56
12	35	10.67	20	50.80	52	25	7.62	11	27.94	92	32	9.75	14	35.56
13	45	13.72	21	53.34	53	30	9.14	15	38.10	93	25	7.62	10	25.40
14	21	6.40	10	25.40	54	20	6.10	9	22.86	94	24	7.32	5	12.70
15	20	6.10	15	38.10	55	30	9.14	14	35.56	95	23	7.01	5	12.70
16	15	4.57	10	25.40	56	42	12.80	24	60.96	96	34	10.36	24	60.96
17	14	4.27	8	20.32	57	30	9.14	18	45.72	97	25	7.62	13	33.02
18	20	6.10	9	22.86	58	15	4.57	8	20.32	98	30	9.14	9	22.86
19	38	11.58	27	68.58	59	28	8.53	10	25.40	99	30	9.14	10	25.40
20	24	7.32	12	30.48	60	40	12.19	20.5	52.07	100	30	9.14	16	40.64
21	15	4.57	10	25.40	61	25	7.62	20	50.80	101	45	13.72	22	55.88
22	25	7.62	13	33.02	62	25	7.62	19	48.26	102	22	6.71	8	20.32
23	15	4.57	9	22.86	63	35	10.67	15	38.10	103	15	4.57	7	17.78
24	18	5.49	9	22.86	64	25	7.62	11	27.94	104	15	4.57	7	17.78
25	22	6.71	13	33.02	65	25	7.62	14	35.56	105	50	15.24	20	50.80
26	20	6.10	12	30.48	66	30	9.14	13.5	34.29	106	18	5.49	10	25.40
27	30	9.14	17	43.18	67	23	7.01	9.5	24.13	107	25	7.62	11	27.94
28	17	5.18	10	25.40	68	35	10.67	14	35.56	108	15	4.57	6	15.24
29	35	10.67	28	71.12	69	22	6.71	12	30.48	109	45	13.72	15	38.10
30	25	7.62	12	30.48	70	20	6.10	6	15.24	110	45	13.72	29	73.66
31	14	4.27	12	30.48	71	30	9.14	18	45.72	111	52	15.85	28	71.12
32	40	12.19	21	53.34	72	42	12.80	19	48.26	112	50	15.24	21	53.34
33	17	5.18	11	27.94	73	22	6.71	8	20.32	113	45	13.72	21	53.34
34	10	3.05	7	17.78	74	42	12.80	20	50.80	114	45	13.72	13	33.02
35	20	6.10	11	27.94	75	50	15.24	33	83.82	115	35	10.67	15	38.10
36	20	6.10	11	27.94	76	20	6.10	7	17.78	116	55	16.76	24	60.96
37	40	12.19	23	58.42	77	20	6.10	9	22.86	117	45	13.72	14	35.56
38	35	10.67	17	43.18	78	25	7.62	11	27.94	118	40	12.19	23	58.42
39	40	12.19	21	53.34	79	20	6.10	10	25.40	119	18	5.49	9	22.86
40	40	12.19	29.5	74.93	80	15	4.57	10	25.40					

BUNDWAN

Sl. No.	*Terminalia tomentosa*/ (Ason)				Sl. No.					Sl. No.	*Anogeissus latifolia*/ (Dhaw)			
	Height		Girth			Height		Girth			Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	28	8.53	12	30.48	41	30	9.14	15	38.10	1	15	4.57	6	15.24
2	22	6.71	12	30.48	42	25	7.62	7	17.78	2	20	6.10	8	20.32
3	30	9.14	14	35.56	43	28	8.53	14	35.56	3	16	4.88	6	15.24
4	26	7.92	12	30.48	44	15	4.57	6	15.24	4	13	3.96	8	20.32
5	23	7.01	9	22.86	45	30	9.14	19	48.26	5	20	6.10	12	30.48
6	20	6.10	7	17.78	46	40	12.19	17	43.18	6	20	6.10	18	45.72
7	25	7.62	15	38.10	47	45	13.72	18	45.72	7	25	7.62	15	38.10
8	24	7.32	13	33.02	48	32	9.75	13	33.02	8	20	6.10	16	40.64
9	32	9.75	12	30.48	49	32	9.75	14	35.56	9	20	6.10	8	20.32
10	25	7.62	8	20.32	50	25	7.62	10	25.40	10	17	5.18	9	22.86
11	30	9.14	14	35.56	51	35	10.67	15	38.10	11	14	4.27	8	20.32
12	32	9.75	13	33.02	52	30	9.14	12.5	31.75	12	20	6.10	10	25.40
13	20	6.10	6	15.24	53	40	12.19	14	35.56	13	20	6.10	7	17.78
14	30	9.14	12	30.48	54	50	15.24	20	50.80	14	17	5.18	9	22.86
15	17	5.18	12	30.48	55	28	8.53	11	27.94	15	13	3.96	6	15.24
16	30	9.14	11	27.94	56	42	12.80	15	38.10	16	15	4.57	10	25.40
17	13	3.96	7	17.78	57	40	12.19	13	33.02	17	15	4.57	9	22.86
18	40	12.19	22	55.88	58	20	6.10	9	22.86	18	14	4.27	9	22.86
19	25	7.62	16	40.64	59	12	3.66	9	22.86	19	20	6.10	7	17.78
20	39	11.89	23.5	59.69	60	15	4.57	10	25.40	20	35	10.67	14	35.56
21	24	7.32	12	30.48	61	25	7.62	17	43.18	21	20	6.10	7	17.78
22	17	5.18	8	20.32	62	12	3.66	9	22.86	22	20	6.10	8	20.32
23	25	7.62	8	20.32	63	15	4.57	7	17.78	23	25	7.62	11	27.94
24	17	5.18	11	27.94	64	20	6.10	10	25.40	24	35	10.67	14	35.56
25	14	4.27	8	20.32	65	25	7.62	14	35.56	25	35	10.67	14	35.56
26	20	6.10	9	22.86	66	45	13.72	15	38.10	26	15	4.57	9	22.86
27	12	3.66	9	22.86	67	30	9.14	15	38.10	27	25	7.62	9	22.86
28	30	9.14	15	38.10	68	45	13.72	23	58.42	28	20	6.10	9	22.86
29	22	6.71	8	20.32	69	20	6.10	10	25.40	29	20	6.10	12	30.48
30	25	7.62	9	22.86	70	12	3.66	8	20.32	30	15	4.57	7	17.78
31	25	7.62	11	27.94	71	29	8.84	14	35.56	31	17	5.18	7	17.78
32	35	10.67	12	30.48	72	30	9.14	14	35.56	32	25	7.62	10	25.40
33	35	10.67	12.5	31.75	73	35	10.67	11	27.94	33	22	6.71	8	20.32
34	18	5.49	9	22.86	74	16	4.88	10	25.40	34	15	4.57	9	22.86
35	25	7.62	11	27.94	75	15	4.57	9	22.86	35	25	7.62	11	27.94
36	17	5.18	9	22.86	76	25	7.62	12	30.48	36	15	4.57	9	22.86
37	30	9.14	12	30.48	77	35	10.67	17	43.18	37	22	6.71	9	22.86
38	35	10.67	15	38.10	78	15	4.57	10	25.40	38	23	7.01	11	27.94
39	30	9.14	12	30.48						39	28	8.53	10	25.40
40	25	7.62	12	30.48						40	20	6.10	6	15.24

BUNDWAN

Anogeissus latifolia/ (Dhaw)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	28	8.53	12	30.48
42	18	5.49	7	17.78
43	15	4.57	6	15.24
44	15	4.57	7	17.78
45	20	6.10	16	40.64
46	15	4.57	6	15.24
47	20	6.10	8	20.32
48	14	4.27	8	20.32
49	22	6.71	8	20.32
50	25	7.62	10	25.40
51	15	4.57	6	15.24
52	25	7.62	8	20.32
53	30	9.14	14	35.56
54	38	11.58	17	43.18
55	30	9.14	14	35.56
56	35	10.67	28	71.12
57	38	11.58	19	48.26
58	17	5.18	8	20.32
59	17	5.18	9	22.86
60	38	11.58	16	40.64
61	20	6.10	16	40.64
62	22	6.71	8	20.32
63	45	13.72	11	27.94
64	12	3.66	23	58.42
65	15	4.57	8	20.32
66	15	4.57	8	20.32

Dillenia indica/ (Chalta)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	14	4.27	6	15.24

Cleistanthus collinus/ (Parasi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	7	17.78
2	17	5.18	6	
3	12	3.66	6	15.24
4	16	4.88	11	27.94
5	12	3.66	9	22.86
6	14	4.27	8	20.32
7	10	3.05	7	17.78
8	10	3.05	11	27.94
9	22	6.71	10	25.40
10	18	5.49	8	20.32
11	13	3.96	6	15.24
12	16	4.88	6	15.24
13	20	6.10	7	17.78
14	20	6.10	7	17.78
15	17	5.18	10	25.40
16	15	4.57	7	17.78
17	18	5.49	7	17.78
18	12	3.66	7	17.78
19	12	3.66	8	20.32
20	15	4.57	9	22.86
21	15	4.57	7	17.78
22	17	5.18	11	27.94
23	14	4.27	9	22.86
24	15	4.57	6	15.24
25	17	5.18	6	15.24
26	14	4.27	9	22.86
27	15	4.57	7	17.78
28	15	4.57	6	15.24
29	22	6.71	6	15.24
30	20	6.10	9	22.86
31	17	5.18	9	22.86
32	15	4.57	6	15.24
33	17	5.18	7	17.78
34	25	7.62	9	22.86
35	15	4.57	9	22.86
36	15	4.57	9	22.86
37	12	3.66	9	22.86
38	15	4.57	7	17.78
39	15	4.57	8	20.32
40	15	4.57	8	20.32
41	12	3.66	8	20.32
42	12	3.66	9	22.86
43	15	4.57	7	17.78
44	12	3.66	9	22.86
45	18	5.49	8	20.32

Terminalia chebula/ (Haritoki)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	27.94
2	15	4.57	9	22.86
3	15	4.57	10	25.40
4	30	9.14	17	43.18
5	22	6.71	9	22.86
6	15	4.57	8	20.32
7	15	4.57	8	20.32
8	15	4.57	7	17.78
9	20	6.10	6	15.24
10	25	7.62	8	20.32
11	17	5.18	6	15.24
12	30	9.14	15	38.10
13	20	6.10	8	20.32
14	15	4.57	9	22.86
15	28	8.53	16	40.64
16	20	6.10	6	15.24
17	20	6.10	27	68.58
18	35	10.67	15	38.10

Morinda citrifolia/ (Choili/Noni/Auch)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	10	25.40

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Semecarpas anacardium/ (Vella)					*Diospyros excelsa*/ (Kendu)					*Soymida febrifuga*/ (Rahora)				
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48	1	12	3.66	9	22.86	1	14	4.27	10	25.40
2	22	6.71	10	25.40	2	10	3.05	6	15.24	2	10	3.05	6	15.24
3	30	9.14	12	30.48	3	12	3.66	8	20.32	3	15	4.57	8	20.32
4	35	10.67	13	33.02	4	17	5.18	9	22.86	4	12	3.66	8	20.32
5	30	9.14	14	35.56	5	18	5.49	8	20.32	5	30	9.14	13	33.02
6	20	6.10	13	33.02	6	10	3.05	11	27.94	6	15	4.57	9	22.86
7	26	7.92	11	27.94	7	20	6.10	8	20.32	7	9	2.74	16	40.64
8	30	9.14	14	35.56	8	8	2.44	7	17.78	8	12	3.66	7	17.78
9	25	7.62	14	35.56	9	14	4.27	12	30.48	9	6	1.83	7	17.78
10	22	6.71	12	30.48	10	17	5.18	11	27.94	10	8	2.44	6	15.24
11	25	7.62	14	35.56	11	13	3.96	7	17.78	11	20	6.10	14	35.56
12	15	4.57	10	25.40	12	17	5.18	10	25.40	12	12	3.66	19	48.26
13	30	9.14	10	25.40	13	12	3.66	7	17.78	13	25	7.62	13	33.02
14	40	12.19	20	50.80	14	20	6.10	9	22.86	14	15	4.57	11	27.94
15	30	9.14	13	33.02	15	12	3.66	7	17.78	15	6	1.83	14	35.56
16	25	7.62	11	27.94	16	17	5.18	9	22.86	16	20	6.10	8	20.32
17	35	10.67	12	30.48	17	14	4.27	11	27.94	17	17	5.18	9	22.86
18	25	7.62	10	25.40	18	20	6.10	7	17.78	18	10	3.05	6	15.24
19	12	3.66	8	20.32	19	20	6.10	7	17.78	19	14	4.27	11	27.94
20	30	9.14	14	35.56	20	20	6.10	11	27.94	20	12	3.66	9	22.86
21	17	5.18	9	22.86	21	23	7.01	9	22.86	21	15	4.57	7	17.78
22	25	7.62	12	30.48	22	40	12.19	15	38.10	22	40	12.19	18	45.72
23	30	9.14	15	38.10	23	18	5.49	9	22.86	23	30	9.14	11	27.94
24	30	9.14	21	53.34	24	15	4.57	10	25.40	24	28	8.53	9	22.86
25	30	9.14	10	25.40	25	18	5.49	9	22.86	25	40	12.19	24	60.96
26	48	14.63	14	35.56	26	12	3.66	6	15.24					
27	35	10.67	14	35.56	27	20	6.10	9	22.86					
28	26	7.92	9	22.86	28	30	9.14	10	25.40					
29	25	7.62	10	25.40	29	12	3.66	9	22.86					

Gardenia latifolia/ (Dombhurru)					*Erythrina indica*/ (Vurkund/Vurkundra)					*Phyllanthus embelica*/ (Amloki)				
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48	1	36	10.97	14	35.56	1	22	6.71	8	20.32

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Syzygium jambolanum/ (Boro Jam/Jam)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	21	6.40	11	27.94
2	22	6.71	10	25.40
3	40	12.19	29	73.66
4	25	7.62	13	33.02
5	30	9.14	13	33.02
6	40	12.19	18	45.72

Albizia lebbeck/ (Sada Siris/Siris)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	27	68.58
2	42	12.80	19	48.26
3	25	7.62	10	25.40
4	50	15.24	22	55.88
5	60	18.29	25	63.50
6	42	12.80	23	58.42
7	18	5.49	35	88.90

Holarrhena antidysenterica/ (Kurchi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86
2	12	3.66	8	20.32
3	12	3.66	7	17.78
4	15	4.57	11	27.94
5	28	8.53	10	25.40
6	15	4.57	8	20.32
7	12	3.66	10	25.40
8	20	6.10	9	22.86
9	15	4.57	8	20.32

Lannea coromandelica/ (Geol/Doka)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	27	68.58
2	25	7.62	18	45.72
3	30	9.14	22	55.88
4	20	6.10	12	30.48
5	10	3.05	8	20.32
6	40	12.19	30	76.20
7	14	4.27	10	25.40
8	30	9.14	17	43.18
9	30	9.14	16	40.64
10	35	10.67	13	33.02
11	25	7.62	12	30.48
12	35	10.67	16	40.64
13	38	11.58	19	48.26
14	35	10.67	21	53.34

Bridelia retusa/ (Kosai)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	8	20.32
2	14	4.27	8	20.32
3	13	3.96	20	50.80
4	16	4.88	7	17.78
5	25	7.62	13	33.02
6	17	5.18	7	17.78
7	20	6.10	9	22.86
8	14	4.27	19	48.26
9	35	10.67	22	55.88
10	15	4.57	10	25.40
11	20	6.10	6	15.24
12	24	7.32	16	40.64
13	50	15.24	13	33.02

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***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40	41	25	7.62	13	33.02	81	35	10.67	11	27.94
2	50	15.24	22	55.88	42	45	13.72	18	45.72	82	50	15.24	17	43.18
3	50	15.24	21	53.34	43	50	15.24	35	88.90	83	50	15.24	19	48.26
4	42	12.80	15	38.10	44	45	13.72	21	53.34	84	45	13.72	15	38.10
5	60	18.29	20	50.80	45	28	8.53	17	43.18	85	25	7.62	10	25.40
6	50	15.24	18	45.72	46	60	18.29	30	76.20	86	35	10.67	45	114.30
7	40	12.19	21	53.34	47	45	13.72	15	38.10	87	35	10.67	19	48.26
8	50	15.24	22	55.88	48	60	18.29	26	66.04	88	55	16.76	21	53.34
9	40	12.19	18	45.72	49	45	13.72	17	43.18	89	35	10.67	16	40.64
10	40	12.19	20	50.80	50	24	7.32	10	25.40	90	25	7.62	12	30.48
11	20	6.10	10	25.40	51	45	13.72	17	43.18	91	35	10.67	16	40.64
12	50	15.24	18	45.72	52	20	6.10	11	27.94	92	55	16.76	21	53.34
13	45	13.72	16	40.64	53	25	7.62	16	40.64	93	45	13.72	14	35.56
14	55	16.76	26	66.04	54	22	6.71	22	55.88	94	35	10.67	14	35.56
15	70	21.34	29	73.66	55	60	18.29	19	48.26	95	60	18.29	25	63.50
16	40	12.19	19	48.26	56	40	12.19	18	45.72	96	40	12.19	18	45.72
17	30	9.14	22	55.88	57	35	10.67	12	30.48	97	25	7.62	21	53.34
18	30	9.14	12	30.48	58	12	3.66	8	20.32	98	35	10.67	15	38.10
19	35	10.67	17	43.18	59	50	15.24	26	66.04	99	30	9.14	14	35.56
20	50	15.24	26	66.04	60	50	15.24	28	71.12	100	55	16.76	24	60.96
21	25	7.62	9	22.86	61	45	13.72	18	45.72	101	50	15.24	22	55.88
22	40	12.19	15	38.10	62	60	18.29	24	60.96	102	40	12.19	16	40.64
23	60	18.29	26	66.04	63	50	15.24	23	58.42	103	50	15.24	20	50.80
24	25	7.62	22	55.88	64	25	7.62	17	43.18	104	40	12.19	15	38.10
25	30	9.14	22	55.88	65	35	10.67	20	50.80	105	40	12.19	19	48.26
26	45	13.72	23	58.42	66	20	6.10	11	27.94	106	48	14.63	21	53.34
27	50	15.24	16	40.64	67	60	18.29	23	58.42	107	65	19.81	24	60.96
28	35	10.67	17	43.18	68	50	15.24	20	50.80	108	45	13.72	26	66.04
29	30	9.14	20	50.80	69	35	10.67	20	50.80	109	40	12.19	13	33.02
30	35	10.67	15	38.10	70	50	15.24	28	71.12	110	38	11.58	21	53.34
31	60	18.29	29	73.66	71	15	4.57	8	20.32	111	52	15.85	28	71.12
32	25	7.62	13	33.02	72	20	6.10	10	25.40	112	37	11.28	19	48.26
33	45	13.72	18	45.72	73	45	13.72	22	55.88	113	32	9.75	16	40.64
34	45	13.72	20	50.80	74	40	12.19	18	45.72	114	40	12.19	16	40.64
35	40	12.19	18	45.72	75	35	10.67	28	71.12	115	30	9.14	15	38.10
36	45	13.72	16	40.64	76	50	15.24	13	33.02	116	45	13.72	22	55.88
37	47	14.33	16	40.64	77	35	10.67	19	48.26	117	50	15.24	20	50.80
38	22	6.71	19	48.26	78	50	15.24	23	58.42	118	57	17.37	30	76.20
39	50	15.24	27	68.58	79	55	16.76	23	58.42	119	52	15.85	20	50.80
40	40	12.19	15	38.10	80	25	7.62	10	25.40	120	50	15.24	26	66.04

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	38	11.58	16	40.64	161	25	7.62	15	38.10	201	52	15.85	31	78.74
122	35	10.67	15	38.10	162	20	6.10	13	33.02	202	40	12.19	20	50.80
123	28	8.53	17	43.18	163	25	7.62	10	25.40	203	35	10.67	17	43.18
124	25	7.62	13	33.02	164	30	9.14	17	43.18	204	38	11.58	18	45.72
125	22	6.71	11	27.94	165	32	9.75	17	43.18	205	20	6.10	11	27.94
126	50	15.24	19	48.26	166	30	9.14	16	40.64	206	30	9.14	16	40.64
127	32	9.75	13	33.02	167	20	6.10	14	35.56	207	35	10.67	18	45.72
128	40	12.19	17	43.18	168	40	12.19	19	48.26	208	20	6.10	12	30.48
129	35	10.67	30	76.20	169	40	12.19	20	50.80	209	50	15.24	19	48.26
130	30	9.14	11	27.94	170	35	10.67	17	43.18	210	61	18.59	25	63.50
131	40	12.19	12	30.48	171	42	12.80	18	45.72	211	25	7.62	13	33.02
132	50	15.24	18	45.72	172	28	8.53	19	48.26	212	35	10.67	15	38.10
133	39	11.89	15	38.10	173	25	7.62	17	43.18	213	15	4.57	14	35.56
134	50	15.24	17	43.18	174	32	9.75	26	66.04	214	51	15.54	19	48.26
135	50	15.24	20	50.80	175	40	12.19	18	45.72	215	35	10.67	15	38.10
136	45	13.72	37	93.98	176	20	6.10	11	27.94	216	20	6.10	24	60.96
137	30	9.14	13	33.02	177	25	7.62	12	30.48	217	30	9.14	13	33.02
138	40	12.19	18	45.72	178	52	15.85	22	55.88	218	32	9.75	26	66.04
139	25	7.62	13	33.02	179	15	4.57	11	27.94	219	40	12.19	18	45.72
140	40	12.19	15	38.10	180	40	12.19	18	45.72	220	42	12.80	19	48.26
141	40	12.19	18	45.72	181	28	8.53	12	30.48	221	20	6.10	13	33.02
142	40	12.19	15	38.10	182	32	9.75	14	35.56	222	20	6.10	14	35.56
143	25	7.62	9	22.86	183	30	9.14	11	27.94	223	42	12.80	18	45.72
144	40	12.19	15	38.10	184	32	9.75	15	38.10	224	20	6.10	12	30.48
145	41	12.50	14	35.56	185	40	12.19	14	35.56	225	42	12.80	16	40.64
146	39	11.89	19	48.26	186	25	7.62	11	27.94	226	40	12.19	16	40.64
147	40	12.19	22	55.88	187	45	13.72	24	60.96	227	40	12.19	12	30.48
148	32	9.75	19	48.26	188	20	6.10	10	25.40	228	48	14.63	25	63.50
149	30	9.14	14	35.56	189	45	13.72	19	48.26	229	30	9.14	13	33.02
150	41	12.50	19	48.26	190	50	15.24	21	53.34	230	30	9.14	14	35.56
151	22	6.71	12	30.48	191	55	16.76	28	71.12	231	30	9.14	18	45.72
152	42	12.80	20	50.80	192	42	12.80	20	50.80	232	40	12.19	22	55.88
153	35	10.67	14	35.56	193	42	12.80	18	45.72	233	25	7.62	13	33.02
154	17	5.18	12	30.48	194	25	7.62	28	71.12	234	40	12.19	28	71.12
155	50	15.24	16	40.64	195	30	9.14	15	38.10	235	35	10.67	12	30.48
156	50	15.24	19	48.26	196	42	12.80	18	45.72	236	25	7.62	13	33.02
157	25	7.62	15	38.10	197	18	5.49	12	30.48	237	30	9.14	13	33.02
158	45	13.72	23	58.42	198	40	12.19	26	66.04	238	48	14.63	24	60.96
159	40	12.19	19	48.26	199	30	9.14	12	30.48	239	25	7.62	12	30.48
160	32	9.75	13	33.02	200	45	13.72	25	63.50	240	40	12.19	16	40.64

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	30	9.14	19	48.26	281	31	9.45	15	38.10	321	25	7.62	14	35.56
242	36	10.97	19	48.26	282	40	12.19	16	40.64	322	42	12.80	22	55.88
243	40	12.19	22	55.88	283	35	10.67	16	40.64	323	60	18.29	24	60.96
244	25	7.62	12	30.48	284	52	15.85	33	83.82	324	40	12.19	20	50.80
245	33	10.06	15	38.10	285	50	15.24	32	81.28	325	45	13.72	24	60.96
246	30	9.14	14	35.56	286	51	15.54	17	43.18	326	30	9.14	18	45.72
247	22	6.71	13	33.02	287	30	9.14	18	45.72	327	55	16.76	22	55.88
248	30	9.14	11	27.94	288	35	10.67	13	33.02	328	45	13.72	19	48.26
249	20	6.10	13	33.02	289	30	9.14	11	27.94	329	30	9.14	16	40.64
250	40	12.19	14	35.56	290	25	7.62	12	30.48	330	25	7.62	15	38.10
251	42	12.80	16	40.64	291	30	9.14	13	33.02	331	30	9.14	18	45.72
252	40	12.19	19	48.26	292	40	12.19	19	48.26	332	35	10.67	21	53.34
253	35	10.67	12	30.48	293	45	13.72	18	45.72	333	40	12.19	20	50.80
254	40	12.19	14	35.56	294	60	18.29	25	63.50	334	40	12.19	21	53.34
255	35	10.67	17	43.18	295	30	9.14	12	30.48	335	60	18.29	26	66.04
256	25	7.62	14	35.56	296	45	13.72	28	71.12	336	25	7.62	14	35.56
257	35	10.67	19	48.26	297	37	11.28	13	33.02	337	53	16.15	21	53.34
258	30	9.14	11	27.94	298	50	15.24	18	45.72	338	32	9.75	21	53.34
259	42	12.80	28	71.12	299	45	13.72	15	38.10	339	20	6.10	13	33.02
260	35	10.67	17	43.18	300	40	12.19	15	38.10	340	28	8.53	18	45.72
261	25	7.62	11	27.94	301	18	5.49	12	30.48	341	40	12.19	25	63.50
262	20	6.10	12	30.48	302	48	14.63	21	53.34	342	25	7.62	14	35.56
263	23	7.01	11	27.94	303	40	12.19	20	50.80	343	40	12.19	28	71.12
264	40	12.19	19	48.26	304	36	10.97	15	38.10	344	18	5.49	13	33.02
265	37	11.28	15	38.10	305	57	17.37	35	88.90	345	32	9.75	18	45.72
266	40	12.19	14	35.56	306	40	12.19	18	45.72	346	32	9.75	18	45.72
267	38	11.58	16	40.64	307	42	12.80	17	43.18					
268	25	7.62	17	43.18	308	38	11.58	17	43.18					
269	30	9.14	13	33.02	309	55	16.76	26	66.04					
270	32	9.75	15	38.10	310	35	10.67	16	40.64					
271	40	12.19	16	40.64	311	40	12.19	17	43.18					
272	50	15.24	19	48.26	312	25	7.62	12	30.48					
273	45	13.72	18	45.72	313	58	17.68	28	71.12					
274	30	9.14	12	30.48	314	50	15.24	25	63.50					
275	50	15.24	29	73.66	315	45	13.72	20	50.80					
276	42	12.80	18	45.72	316	20	6.10	14	35.56					
277	30	9.14	24	60.96	317	38	11.58	16	40.64					
278	38	11.58	16	40.64	318	30	9.14	14	35.56					
279	48	14.63	38	96.52	319	20	6.10	13	33.02					
280	55	16.76	26	66.04	320	45	13.72	20	50.80					

Dillenia pentagyna/ (Bon Chalta)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88

Adina cordifolia/ (Korom/Holdu)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	12	30.48

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Buchanania lanzan/ (Piyal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	8	20.32	41	30	9.14	11	27.94	81	20	6.10	12	30.48
2	20	6.10	8	20.32	42	45	13.72	15	38.10	82	25	7.62	11	27.94
3	40	12.19	32	81.28	43	50	15.24	24	60.96	83	20	6.10	11	27.94
4	30	9.14	16	40.64	44	15	4.57	8	20.32	84	32	9.75	19	48.26
5	32	9.75	16	40.64	45	35	10.67	10	25.40	85	25	7.62	12	30.48
6	13	3.96	10	25.40	46	45	13.72	18	45.72	86	35	10.67	16	40.64
7	35	10.67	20	50.80	47	30	9.14	11	27.94	87	30	9.14	14	35.56
8	28	8.53	14	35.56	48	40	12.19	15	38.10	88	20	6.10	10	25.40
9	15	4.57	10	25.40	49	35	10.67	12	30.48	89	20	6.10	14	35.56
10	27	8.23	13	33.02	50	30	9.14	11	27.94	90	25	7.62	17	43.18
11	26	7.92	15	38.10	51	40	12.19	17	43.18	91	32	9.75	17	43.18
12	30	9.14	18	45.72	52	30	9.14	16	40.64	92	30	9.14	17	43.18
13	30	9.14	12	30.48	53	25	7.62	8	20.32	93	30	9.14	13	33.02
14	40	12.19	17	43.18	54	25	7.62	14	35.56	94	20	6.10	11	27.94
15	30	9.14	13	33.02	55	30	9.14	14	35.56	95	30	9.14	14	35.56
16	42	12.80	26	66.04	56	30	9.14	13	33.02	96	20	6.10	11	27.94
17	20	6.10	11	27.94	57	32	9.75	14	35.56	97	25	7.62	11	27.94
18	32	9.75	18	45.72	58	30	9.14	14	35.56	98	30	9.14	12	30.48
19	30	9.14	12	30.48	59	32	9.75	18	45.72	99	26	7.92	12	30.48
20	30	9.14	14	35.56	60	35	10.67	16	40.64	100	25	7.62	11	27.94
21	40	12.19	22	55.88	61	32	9.75	14	35.56	101	20	6.10	12	30.48
22	15	4.57	12	30.48	62	20	6.10	13	33.02	102	40	12.19	18	45.72
23	35	10.67	19	48.26	63	30	9.14	16	40.64	103	20	6.10	12	30.48
24	20	6.10	14	35.56	64	15	4.57	10	25.40	104	20	6.10	11	27.94
25	20	6.10	11	27.94	65	42	12.80	22	55.88	105	32	9.75	16	40.64
26	28	8.53	16	40.64	66	18	5.49	11	27.94	106	40	12.19	21	53.34
27	35	10.67	23	58.42	67	27	8.23	13	33.02	107	40	12.19	32	81.28
28	30	9.14	20	50.80	68	15	4.57	7	17.78	108	25	7.62	11	27.94
29	45	13.72	15	38.10	69	30	9.14	15	38.10	109	35	10.67	22	55.88
30	30	9.14	11	27.94	70	32	9.75	15	38.10	110	30	9.14	12	30.48
31	25	7.62	15	38.10	71	35	10.67	16	40.64	111	20	6.10	11	27.94
32	15	4.57	11	27.94	72	22	6.71	12	30.48	112	30	9.14	13	33.02
33	20	6.10	12	30.48	73	20	6.10	13	33.02	113	35	10.67	14	35.56
34	16	4.88	17	43.18	74	30	9.14	15	38.10	114	20	6.10	16	40.64
35	10	3.05	6	15.24	75	25	7.62	15	38.10	115	18	5.49	12	30.48
36	19	5.79	11	27.94	76	33	10.06	21	53.34	116	26	7.92	14	35.56
37	45	13.72	18	45.72	77	20	6.10	13	33.02	117	20	6.10	14	35.56
38	12	3.66	8	20.32	78	35	10.67	17	43.18	118	20	6.10	15	38.10
39	30	9.14	11	27.94	79	20	6.10	13	33.02	119	18	5.49	11	27.94
40	40	12.19	13	33.02	80	20	6.10	13	33.02	120	20	6.10	11	27.94

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Anogeissus latifolia/ (Dhaw)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40	41	22	6.71	13	33.02	81	45	13.72	22	55.88
2	35	10.67	14	35.56	42	15	4.57	11	27.94	82	35	10.67	17	43.18
3	60	18.29	21	53.34	43	22	6.71	11	27.94	83	30	9.14	16	40.64
4	15	4.57	7	17.78	44	35	10.67	15	38.10	84	20	6.10	14	35.56
5	35	10.67	14	35.56	45	20	6.10	13	33.02	85	20	6.10	13	33.02
6	25	7.62	15	38.10	46	30	9.14	18	45.72	86	22	6.71	14	35.56
7	15	4.57	14	35.56	47	20	6.10	11	27.94	87	25	7.62	14	35.56
8	20	6.10	12	30.48	48	25	7.62	13	33.02	88	25	7.62	17	43.18
9	15	4.57	9	22.86	49	23	7.01	16	40.64	89	30	9.14	18	45.72
10	15	4.57	10	25.40	50	20	6.10	9	22.86	90	22	6.71	15	38.10
11	15	4.57	7	17.78	51	30	9.14	16	40.64	91	42	12.80	19	48.26
12	15	4.57	9	22.86	52	22	6.71	11	27.94	92	32	9.75	17	43.18
13	20	6.10	10	25.40	53	20	6.10	10	25.40	93	30	9.14	17	43.18
14	35	10.67	12	30.48	54	17	5.18	10	25.40	94	33	10.06	20	50.80
15	15	4.57	12	30.48	55	25	7.62	14	35.56	95	22	6.71	16	40.64
16	35	10.67	14	35.56	56	25	7.62	12	30.48					
17	15	4.57	8	20.32	57	20	6.10	10	25.40					
18	15	4.57	10	25.40	58	35	10.67	17	43.18					
19	15	4.57	13	33.02	59	30	9.14	10	25.40					
20	20	6.10	7	17.78	60	29	8.84	14	35.56					
21	12	3.66	7	17.78	61	35	10.67	19	48.26					
22	15	4.57	7	17.78	62	40	12.19	16	40.64					
23	25	7.62	9	22.86	63	26	7.92	13	33.02					
24	20	6.10	12	30.48	64	42	12.80	33	83.82					
25	20	6.10	10	25.40	65	20	6.10	12	30.48					
26	20	6.10	9	22.86	66	25	7.62	13	33.02					
27	20	6.10	8	20.32	67	34	10.36	18	45.72					
28	30	9.14	11	27.94	68	30	9.14	14	35.56					
29	38	11.58	20	50.80	69	35	10.67	15	38.10					
30	24	7.32	13	33.02	70	30	9.14	14	35.56					
31	20	6.10	11	27.94	71	45	13.72	19	48.26					
32	30	9.14	14	35.56	72	35	10.67	22	55.88					
33	42	12.80	17	43.18	73	25	7.62	11	27.94					
34	28	8.53	13	33.02	74	40	12.19	18	45.72					
35	28	8.53	14	35.56	75	25	7.62	13	33.02					
36	25	7.62	13	33.02	76	65	19.81	32	81.28					
37	27	8.23	17	43.18	77	38	11.58	17	43.18					
38	35	10.67	16	40.64	78	38	11.58	19	48.26					
39	20	6.10	10	25.40	79	35	10.67	15	38.10					
40	25	7.62	14	35.56	80	35	10.67	18	45.72					

Soymida febrifuga/ (Rahora)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	25	7.62	14	35.56
3	32	9.75	16	40.64
4	38	11.58	22	55.88

Albizia lebbeck/ (Sada Siris/Siris)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	13	33.02
2	55	16.76	27	68.58
3	35	10.67	20	50.80
4	40	12.19	22	55.88
5	42	12.80	20	50.80

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Madhuca latifolia/ (Mahua)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	12	30.48	41	25	7.62	13	33.02	81	30	9.14	16	40.64
2	30	9.14	12	30.48	42	30	9.14	16	40.64	82	17	5.18	11	27.94
3	35	10.67	23	58.42	43	25	7.62	18	45.72					
4	45	13.72	19	48.26	44	40	12.19	19	48.26					
5	35	10.67	15	38.10	45	25	7.62	13	33.02					
6	25	7.62	9	22.86	46	42	12.80	20	50.80					
7	35	10.67	13	33.02	47	30	9.14	16	40.64					
8	15	4.57	8	20.32	48	50	15.24	23	58.42					
9	35	10.67	29	73.66	49	40	12.19	14	35.56					
10	50	15.24	21	53.34	50	35	10.67	16	40.64					
11	35	10.67	20	50.80	51	35	10.67	14	35.56					
12	35	10.67	22	55.88	52	25	7.62	11	27.94					
13	45	13.72	22	55.88	53	21	6.40	15	38.10					
14	35	10.67	20	50.80	54	38	11.58	17	43.18					
15	30	9.14	13	33.02	55	25	7.62	11	27.94					
16	40	12.19	24	60.96	56	50	15.24	53	134.62					
17	37	11.28	19	48.26	57	15	4.57	11	27.94					
18	35	10.67	25	63.50	58	35	10.67	20	50.80					
19	20	6.10	10	25.40	59	15	4.57	11	27.94					
20	50	15.24	28	71.12	60	25	7.62	10	25.40					
21	40	12.19	19	48.26	61	20	6.10	10	25.40					
22	37	11.28	14	35.56	62	38	11.58	14	35.56					
23	52	15.85	33	83.82	63	32	9.75	13	33.02					
24	20	6.10	11	27.94	64	20	6.10	10	25.40					
25	35	10.67	16	40.64	65	35	10.67	14	35.56					
26	30	9.14	15	38.10	66	25	7.62	12	30.48					
27	40	12.19	17	43.18	67	52	15.85	48	121.92					
28	40	12.19	18	45.72	68	20	6.10	12	30.48					
29	20	6.10	10	25.40	69	30	9.14	17	43.18					
30	36	10.97	31	78.74	70	35	10.67	15	38.10					
31	22	6.71	13	33.02	71	25	7.62	12	30.48					
32	25	7.62	12	30.48	72	30	9.14	18	45.72					
33	18	5.49	11	27.94	73	38	11.58	21	53.34					
34	32	9.75	15	38.10	74	35	10.67	18	45.72					
35	30	9.14	14	35.56	75	25	7.62	13	33.02					
36	20	6.10	12	30.48	76	40	12.19	25	63.50					
37	20	6.10	13	33.02	77	33	10.06	19	48.26					
38	35	10.67	18	45.72	78	25	7.62	16	40.64					
39	30	9.14	14	35.56	79	38	11.58	21	53.34					
40	25	7.62	13	33.02	80	30	9.14	22	55.88					

Holarrhena antidysenterica/ (Kurchi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40
2	25	7.62	18	45.72
3	12	3.66	10	25.40
4	15	4.57	10	25.40
5	15	4.57	8	20.32
6	13	3.96	12	30.48
7	15	4.57	8	20.32
8	30	9.14	12	30.48
9	25	7.62	13	33.02
10	28	8.53	12	30.48

Morinda citrifolia/ (Choili/Noni/Auch)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	14	35.56

Mitragyna parviflora/ (Keli Kadam)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94

Cochlospermum religiosum/ (Galgali/Bandorpichla)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	19	48.26

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***Terminalia tomentosa*/ (Ason)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	11	27.94	41	40	12.19	16	40.64	1	25	7.62	14	35.56
2	20	6.10	10	25.40	42	30	9.14	17	43.18	2	35	10.67	15	38.10
3	50	15.24	16	40.64	43	40	12.19	16	40.64	3	50	15.24	23	58.42
4	20	6.10	14	35.56	44	28	8.53	16	40.64	4	20	6.10	9	22.86
5	35	10.67	12	30.48	45	22	6.71	13	33.02	5	25	7.62	15	38.10
6	19	5.79	8	20.32	46	20	6.10	13	33.02	6	20	6.10	9	22.86
7	20	6.10	8	20.32	47	20	6.10	10	25.40	7	30	9.14	18	45.72
8	15	4.57	10	25.40	48	20	6.10	15	38.10	8	20	6.10	9	22.86
9	30	9.14	16	40.64	49	22	6.71	15	38.10	9	20	6.10	10	25.40
10	12	3.66	7	17.78	50	22	6.71	14	35.56	10	37	11.28	17	43.18
11	20	6.10	7	17.78	51	25	7.62	18	45.72	11	32	9.75	12	30.48
12	40	12.19	18	45.72	52	25	7.62	17	43.18	12	35	10.67	19	48.26
13	50	15.24	17	43.18	53	30	9.14	16	40.64	13	15	4.57	8	20.32
14	35	10.67	12	30.48						14	25	7.62	13	33.02
15	28	8.53	9	22.86						15	20	6.10	10	25.40
16	38	11.58	17	43.18						16	45	13.72	18	45.72
17	25	7.62	16	40.64	***Bridelia retusa*/ (Kosai)**					17	25	7.62	12	30.48
18	30	9.14	10	25.40	**Sl. No**	**Height**		**Girth**		18	35	10.67	14	35.56
19	35	10.67	13	33.02		**(ft)**	**(m)**	**(inch)**	**(cm)**	19	40	12.19	13	33.02
20	50	15.24	17	43.18	1	35	10.67	18	45.72	20	32	9.75	14	35.56
21	20	6.10	18	45.72	2	22	6.71	10	25.40	21	40	12.19	24	60.96
22	40	12.19	17	43.18	3	25	7.62	11	27.94	22	32	9.75	12	30.48
23	45	13.72	18	45.72	4	15	4.57	11	27.94	23	28	8.53	15	38.10
24	50	15.24	20	50.80	5	25	7.62	12	30.48	24	30	9.14	19	48.26
25	35	10.67	15	38.10	6	30	9.14	13	33.02	25	30	9.14	15	38.10
26	26	7.92	15	38.10	7	18	5.49	13	33.02	26	30	9.14	13	33.02
27	45	13.72	13	33.02						27	25	7.62	11	27.94
28	20	6.10	10	25.40						28	20	6.10	12	30.48
29	20	6.10	12	30.48	***Sterospermum suaveolens*/ (Parul)**					29	25	7.62	16	40.64
30	20	6.10	10	25.40						30	26	7.92	12	30.48
31	40	12.19	14	35.56	**Sl. No**	**Height**		**Girth**		31	25	7.62	18	45.72
32	20	6.10	10	25.40		**(ft)**	**(m)**	**(inch)**	**(cm)**	32	25	7.62	12	30.48
33	25	7.62	14	35.56	1	16	4.88	8	20.32	33	26	7.92	13	33.02
34	25	7.62	11	27.94						34	15	4.57	11	27.94
35	25	7.62	13	33.02						35	25	7.62	13	33.02
36	20	6.10	13	33.02						36	41	12.50	24	60.96
37	35	10.67	15	38.10	***Ziziphus mauritiana*/ (Kool)**					37	42	12.80	18	45.72
38	40	12.19	19	48.26		**Height**		**Girth**		38	35	10.67	18	45.72
39	35	10.67	16	40.64	**Sl. No**	**(ft)**	**(m)**	**(inch)**	**(cm)**	39	25	7.62	15	38.10
40	42	12.80	18	45.72	1	30	9.14	14	35.56	40	15	4.57	12	30.48

***Semecarpas anacardium*/ (Vella)**

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***Semecarpas anacardium*/ (Vella)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	22	6.71	14	35.56
42	20	6.10	16	40.64
43	20	6.10	14	35.56
44	30	9.14	19	48.26
45	18	5.49	13	33.02
46	26	7.92	18	45.72
47	22	6.71	14	35.56
48	24	7.32	17	43.18
49	33	10.06	18	45.72

***Pterocarpus marsupium*/ (Piyasal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	23	58.42
2	22	6.71	11	27.94
3	46	14.02	31	78.74
4	30	9.14	15	38.10
5	40	12.19	22	55.88
6	14	4.27	12	30.48
7	60	18.29	25	63.50
8	40	12.19	18	45.72
9	32	9.75	19	48.26

***Terminalia bellirica*/ (Bohera)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	6	15.24
2	32	9.75	17	43.18
3	30	9.14	13	33.02
4	25	7.62	13	33.02
5	38	11.58	19	48.26

***Cleistanthus collinus*/ (Parasi)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	8	20.32
2	10	3.05	8	20.32
3	15	4.57	8	20.32
4	12	3.66	7	17.78
5	12	3.66	7	17.78
6	15	4.57	8	20.32
7	18	5.49	12	30.48
8	12	3.66	6	15.24
9	20	6.10	27	68.58
10	15	4.57	8	20.32
11	17	5.18	8	20.32
12	20	6.10	9	22.86
13	10	3.05	7	17.78
14	10	3.05	6	15.24
15	20	6.10	8	20.32
16	18	5.49	9	22.86
17	15	4.57	8	20.32
18	20	6.10	10	25.40
19	21	6.40	10	25.40
20	17	5.18	6	15.24
21	15	4.57	8	20.32
22	13	3.96	7	17.78
23	20	6.10	12	30.48
24	15	4.57	11	27.94
25	15	4.57	7	17.78
26	15	4.57	8	20.32
27	15	4.57	7	17.78
28	20	6.10	8	20.32
29	30	9.14	11	27.94
30	20	6.10	10	25.40
31	22	6.71	12	30.48
32	20	6.10	12	30.48
33	20	6.10	14	35.56
34	25	7.62	13	33.02
35	10	3.05	7	17.78
36	15	4.57	8	20.32
37	11	3.35	7	17.78
38	18	5.49	11	27.94
39	15	4.57	8	20.32
40	12	3.66	10	25.40

***Diospyros excelsa*/ (Kendu)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	7	17.78
2	15	4.57	12	30.48
3	15	4.57	9	22.86
4	7	2.13	10	25.40
5	25	7.62	9	22.86
6	15	4.57	8	20.32
7	7	2.13	9	22.86
8	20	6.10	11	27.94
9	20	6.10	12	30.48
10	18	5.49	15	38.10
11	25	7.62	13	33.02
12	20	6.10	12	30.48
13	15	4.57	10	25.40
14	14	4.27	11	27.94
15	12	3.66	9	22.86
16	12	3.66	7	17.78
17	14	4.27	11	27.94
18	20	6.10	15	38.10
19	20	6.10	10	25.40
20	15	4.57	13	33.02
21	13	3.96	7	17.78

***Gardenia latifolia*/ (Dombhurru)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	11	27.94
2	30	9.14	16	40.64
3	13	3.96	12	30.48
4	13	3.96	14	35.56

BUNDWAN

Terminalia chebula/ (Haritoki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	16	40.64
2	15	4.57	11	27.94
3	22	6.71	8	20.32

Lannea coromandelica/ (Geol/Doka)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	24	60.96
2	28	8.53	14	35.56
3	35	10.67	21	53.34

Phyllanthus embelica/ (Amloki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	8	20.32
2	10	3.05	7	17.78
3	30	9.14	10	25.40

Flacourtia indica/ (Choto Boichi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	13	33.02
2	45	13.72	23	58.42
3	15	4.57	11	27.94

Syzygium jambolanum/ (Boro Jam/Jam)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	13	33.02
2	28	8.53	15	38.10

SUTAN

Sutan SP 2

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	25	7.62	11	27.94	41	50	15.24	23	58.42	81	36	10.97	13	33.02
2	17	5.18	11	27.94	42	25	7.62	11	27.94	82	35	10.67	14	35.56
3	32	9.75	16	40.64	43	35	10.67	11	27.94	83	32	9.75	12	30.48
4	28	8.53	11	27.94	44	25	7.62	11	27.94	84	45	13.72	17	43.18
5	30	9.14	14	35.56	45	20	6.10	10	25.40	85	42	12.80	14	35.56
6	50	15.24	26	66.04	46	30	9.14	12	30.48	86	25	7.62	10	25.40
7	19	5.79	13	33.02	47	30	9.14	13	33.02	87	32	9.75	13	33.02
8	22	6.71	9	22.86	48	45	13.72	15	38.10	88	17	5.18	10	25.40
9	22	6.71	12	30.48	49	38	11.58	13	33.02	89	30	9.14	12	30.48
10	23	7.01	11	27.94	50	17	5.18	9	22.86	90	35	10.67	13	33.02
11	18	5.49	11	27.94	51	20	6.10	9	22.86	91	42	12.80	16	40.64
12	20	6.10	11	27.94	52	20	6.10	9	22.86	92	50	15.24	19	48.26
13	36	10.97	11	27.94	53	24	7.32	10	25.40	93	40	12.19	14	35.56
14	20	6.10	10	25.40	54	18	5.49	10	25.40	94	30	9.14	11	27.94
15	22	6.71	11	27.94	55	25	7.62	10	25.40	95	45	13.72	14	35.56
16	45	13.72	17	43.18	56	20	6.10	10	25.40	96	40	12.19	12	30.48
17	35	10.67	15	38.10	57	22	6.71	11	27.94	97	42	12.80	14	35.56
18	25	7.62	12	30.48	58	20	6.10	12	30.48	98	34	10.36	12	30.48
19	25	7.62	11	27.94	59	18	5.49	11	27.94	99	35	10.67	12	30.48
20	30	9.14	11	27.94	60	20	6.10	11	27.94	100	30	9.14	11	27.94
21	25	7.62	12	30.48	61	17	5.18	14	35.56	101	40	12.19	13	33.02
22	25	7.62	11	27.94	62	25	7.62	11	27.94	102	35	10.67	12	30.48
23	35	10.67	13	33.02	63	35	10.67	14	35.56	103	25	7.62	12	30.48
24	27	8.23	10	25.40	64	24	7.32	10	25.40	104	32	9.75	13	33.02
25	18	5.49	10	25.40	65	32	9.75	13	33.02	105	35	10.67	13	33.02
26	35	10.67	14	35.56	66	30	9.14	13	33.02	106	32	9.75	12	30.48
27	28	8.53	11	27.94	67	35	10.67	12	30.48	107	40	12.19	14	35.56
28	15	4.57	10	25.40	68	25	7.62	10	25.40	108	32	9.75	11	27.94
29	35	10.67	13	33.02	69	15	4.57	10	25.40	109	35	10.67	13	33.02
30	39	11.89	11	27.94	70	28	8.53	13	33.02	110	22	6.71	9	22.86
31	40	12.19	13	33.02	71	30	9.14	13	33.02	111	25	7.62	10	25.40
32	26	7.92	10	25.40	72	45	13.72	19	48.26	112	30	9.14	12	30.48
33	28	8.53	12	30.48	73	25	7.62	11	27.94	113	40	12.19	11	27.94
34	32	9.75	14	35.56	74	30	9.14	13	33.02	114	25	7.62	11	27.94
35	25	7.62	11	27.94	75	18	5.49	11	27.94	115	26	7.92	9	22.86
36	28	8.53	11	27.94	76	55	16.76	20	50.80	116	30	9.14	13	33.02
37	56	17.07	34	86.36	77	30	9.14	21	53.34	117	40	12.19	14	35.56
38	30	9.14	11	27.94	78	40	12.19	14	35.56	118	35	10.67	13	33.02
39	30	9.14	13	33.02	79	50	15.24	18	45.72	119	35	10.67	13	33.02
40	20	6.10	10	25.40	80	45	13.72	19	48.26	120	35	10.67	14	35.56

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	32	9.75	12	30.48	161	23	7.01	11	27.94	201	36	10.97	12	30.48
122	55	16.76	27	68.58	162	22	6.71	10	25.40	202	24	7.32	10	25.40
123	50	15.24	18	45.72	163	22	6.71	10	25.40	203	35	10.67	13	33.02
124	26	7.92	9	22.86	164	30	9.14	11	27.94	204	28	8.53	11	27.94
125	18	5.49	13	33.02	165	26	7.92	11	27.94	205	30	9.14	11	27.94
126	40	12.19	14	35.56	166	18	5.49	10	25.40	206	36	10.97	12	30.48
127	30	9.14	10	25.40	167	25	7.62	11	27.94	207	25	7.62	10	25.40
128	48	14.63	16	40.64	168	30	9.14	13	33.02	208	40	12.19	14	35.56
129	32	9.75	10	25.40	169	20	6.10	10	25.40	209	35	10.67	11	27.94
130	45	13.72	22	55.88	170	18	5.49	10	25.40	210	26	7.92	10	25.40
131	52	15.85	18	45.72	171	25	7.62	11	27.94	211	28	8.53	10	25.40
132	18	5.49	11	27.94	172	30	9.14	12	30.48	212	50	15.24	18	45.72
133	30	9.14	12	30.48	173	18	5.49	10	25.40	213	35	10.67	10	25.40
134	42	12.80	15	38.10	174	30	9.14	12	30.48	214	35	10.67	12	30.48
135	39	11.89	13	33.02	175	35	10.67	13	33.02	215	35	10.67	12	30.48
136	17	5.18	9	22.86	176	30	9.14	14	35.56	216	57	17.37	20	50.80
137	50	15.24	18	45.72	177	22	6.71	10	25.40	217	30	9.14	12	30.48
138	55	16.76	16	40.64	178	26	7.92	18	45.72	218	25	7.62	10	25.40
139	35	10.67	12	30.48	179	35	10.67	13	33.02	219	45	13.72	18	45.72
140	30	9.14	13	33.02	180	20	6.10	10	25.40	220	32	9.75	10	25.40
141	35	10.67	11	27.94	181	30	9.14	13	33.02	221	25	7.62	10	25.40
142	20	6.10	10	25.40	182	28	8.53	12	30.48	222	30	9.14	11	27.94
143	40	12.19	14	35.56	183	30	9.14	11	27.94	223	28	8.53	10	25.40
144	22	6.71	11	27.94	184	32	9.75	11	27.94	224	40	12.19	17	43.18
145	35	10.67	12	30.48	185	22	6.71	10	25.40	225	22	6.71	10	25.40
146	30	9.14	12	30.48	186	40	12.19	13	33.02	226	45	13.72	27	68.58
147	40	12.19	10	25.40	187	20	6.10	10	25.40	227	32	9.75	12	30.48
148	15	4.57	10	25.40	188	35	10.67	11	27.94	228	30	9.14	11	27.94
149	32	9.75	12	30.48	189	22	6.71	10	25.40	229	32	9.75	12	30.48
150	28	8.53	11	27.94	190	20	6.10	10	25.40	230	25	7.62	10	25.40
151	30	9.14	13	33.02	191	30	9.14	11	27.94	231	30	9.14	12	30.48
152	25	7.62	10	25.40	192	40	12.19	12	30.48	232	30	9.14	11	27.94
153	35	10.67	15	38.10	193	22	6.71	10	25.40	233	45	13.72	15	38.10
154	18	5.49	10	25.40	194	35	10.67	10	25.40	234	26	7.92	11	27.94
155	30	9.14	11	27.94	195	28	8.53	10	25.40	235	30	9.14	12	30.48
156	30	9.14	10	25.40	196	30	9.14	11	27.94	236	20	6.10	10	25.40
157	32	9.75	13	33.02	197	20	6.10	9	22.86	237	24	7.32	11	27.94
158	25	7.62	10	25.40	198	30	9.14	11	27.94	238	25	7.62	11	27.94
159	18	5.49	10	25.40	199	32	9.75	11	27.94	239	35	10.67	11	27.94
160	20	6.10	10	25.40	200	40	12.19	14	35.56	240	35	10.67	12	30.48

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	22	6.71	10	25.40	281	40	12.19	13	33.02	321	25	7.62	10	25.40
242	24	7.32	12	30.48	282	35	10.67	13	33.02	322	30	9.14	9	22.86
243	24	7.32	12	30.48	283	30	9.14	26	66.04	323	35	10.67	16	40.64
244	35	10.67	12	30.48	284	20	6.10	9	22.86	324	30	9.14	10	25.40
245	30	9.14	10	25.40	285	20	6.10	13	33.02	325	32	9.75	10	25.40
246	42	12.80	12	30.48	286	35	10.67	17	43.18	326	30	9.14	15	38.10
247	30	9.14	12	30.48	287	25	7.62	16	40.64	327	40	12.19	17	43.18
248	18	5.49	10	25.40	288	40	12.19	15	38.10	328	30	9.14	12	30.48
249	50	15.24	16	40.64	289	30	9.14	11	27.94	329	30	9.14	13	33.02
250	40	12.19	12	30.48	290	36	10.97	21	53.34	330	40	12.19	15	38.10
251	35	10.67	11	27.94	291	30	9.14	10	25.40	331	67	20.42	33	83.82
252	22	6.71	10	25.40	292	40	12.19	24	60.96	332	27	8.23	9	22.86
253	25	7.62	10	25.40	293	35	10.67	26	66.04	333	40	12.19	20	50.80
254	26	7.92	10	25.40	294	35	10.67	14	35.56	334	40	12.19	15	38.10
255	18	5.49	10	25.40	295	30	9.14	9	22.86	335	41	12.50	15	38.10
256	32	9.75	12	30.48	296	35	10.67	11	27.94	336	20	6.10	9	22.86
257	35	10.67	13	33.02	297	35	10.67	16	40.64	337	30	9.14	10	25.40
258	25	7.62	11	27.94	298	10	3.05	18	45.72	338	25	7.62	10	25.40
259	18	5.49	10	25.40	299	45	13.72	18	45.72	339	20	6.10	10	25.40
260	40	12.19	12	30.48	300	35	10.67	11	27.94	340	40	12.19	14	35.56
261	35	10.67	11	27.94	301	40	12.19	14	35.56	341	32	9.75	13	33.02
262	25	7.62	10	25.40	302	35	10.67	10	25.40	342	48	14.63	21	53.34
263	25	7.62	11	27.94	303	28	8.53	10	25.40	343	30	9.14	12	30.48
264	30	9.14	12	30.48	304	36	10.97	11	27.94	344	25	7.62	9	22.86
265	35	10.67	13	33.02	305	35	10.67	12	30.48	345	66	20.12	31	78.74
266	36	10.97	12	30.48	306	35	10.67	14	35.56	346	22	6.71	9	22.86
267	30	9.14	11	27.94	307	25	7.62	10	25.40	347	25	7.62	11	27.94
268	40	12.19	17	43.18	308	40	12.19	18	45.72	348	30	9.14	11	27.94
269	22	6.71	10	25.40	309	32	9.75	10	25.40	349	25	7.62	9	22.86
270	16	4.88	9	22.86	310	31	9.45	10	25.40	350	20	6.10	9	22.86
271	23	7.01	10	25.40	311	26	7.92	10	25.40	351	30	9.14	11	27.94
272	34	10.36	11	27.94	312	30	9.14	10	25.40	352	20	6.10	10	25.40
273	35	10.67	11	27.94	313	36	10.97	11	27.94	353	45	13.72	22	55.88
274	28	8.53	11	27.94	314	30	9.14	9	22.86	354	30	9.14	10	25.40
275	35	10.67	11	27.94	315	30	9.14	14	35.56	355	20	6.10	9	22.86
276	22	6.71	10	25.40	316	35	10.67	10	25.40	356	36	10.97	12	30.48
277	28	8.53	10	25.40	317	30	9.14	10	25.40	357	30	9.14	9	22.86
278	15	4.57	8	20.32	318	35	10.67	13	33.02	358	30	9.14	15	38.10
279	25	7.62	10	25.40	319	10	3.05	9	22.86	359	30	9.14	9	22.86
280	35	10.67	18	45.72	320	26	7.92	10	25.40	360	40	12.19	15	38.10

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	30	9.14	10	25.40	401	25	7.62	9	22.86	441	35	10.67	10	25.40
362	25	7.62	9	22.86	402	27	8.23	9	22.86	442	36	10.97	13	33.02
363	35	10.67	12	30.48	403	42	12.80	20	50.80	443	30	9.14	10	25.40
364	35	10.67	13	33.02	404	31	9.45	10	25.40	444	36	10.97	11	27.94
365	25	7.62	9	22.86	405	30	9.14	12	30.48	445	35	10.67	13	33.02
366	35	10.67	12	30.48	406	35	10.67	12	30.48	446	20	6.10	9	22.86
367	30	9.14	10	25.40	407	20	6.10	9	22.86	447	30	9.14	11	27.94
368	30	9.14	9	22.86	408	25	7.62	9	22.86	448	25	7.62	9	22.86
369	20	6.10	9	22.86	409	25	7.62	10	25.40	449	42	12.80	20	50.80
370	32	9.75	9	22.86	410	35	10.67	13	33.02	450	25	7.62	10	25.40
371	30	9.14	10	25.40	411	30	9.14	9	22.86	451	30	9.14	10	25.40
372	28	8.53	9	22.86	412	30	9.14	15	38.10	452	25	7.62	10	25.40
373	40	12.19	16	40.64	413	25	7.62	10	25.40	453	20	6.10	9	22.86
374	30	9.14	10	25.40	414	30	9.14	12	30.48	454	25	7.62	10	25.40
375	35	10.67	12	30.48	415	32	9.75	10	25.40	455	30	9.14	12	30.48
376	25	7.62	10	25.40	416	30	9.14	10	25.40	456	33	10.06	12	30.48
377	30	9.14	10	25.40	417	35	10.67	11	27.94	457	30	9.14	9	22.86
378	25	7.62	9	22.86	418	30	9.14	10	25.40	458	25	7.62	11	27.94
379	27	8.23	9	22.86	419	35	10.67	11	27.94	459	21	6.40	9	22.86
380	42	12.80	19	48.26	420	25	7.62	9	22.86	460	30	9.14	11	27.94
381	20	6.10	9	22.86	421	40	12.19	14	35.56	461	20	6.10	9	22.86
382	35	10.67	14	35.56	422	25	7.62	9	22.86	462	30	9.14	13	33.02
383	35	10.67	12	30.48	423	20	6.10	9	22.86	463	25	7.62	12	30.48
384	50	15.24	23	58.42	424	40	12.19	5	12.70	464	40	12.19	19	48.26
385	30	9.14	12	30.48	425	30	9.14	11	27.94	465	20	6.10	9	22.86
386	25	7.62	10	25.40	426	20	6.10	9	22.86	466	15	4.57	9	22.86
387	30	9.14	11	27.94	427	25	7.62	15	38.10	467	40	12.19	20	50.80
388	30	9.14	10	25.40	428	26	7.92	10	25.40	468	30	9.14	12	30.48
389	33	10.06	10	25.40	429	46	14.02	17	43.18	469	28	8.53	9	22.86
390	45	13.72	19	48.26	430	35	10.67	11	27.94	470	20	6.10	10	25.40
391	30	9.14	11	27.94	431	30	9.14	9	22.86	471	40	12.19	18	45.72
392	36	10.97	14	35.56	432	25	7.62	9	22.86	472	25	7.62	10	25.40
393	42	12.80	20	50.80	433	35	10.67	12	30.48	473	20	6.10	10	25.40
394	30	9.14	10	25.40	434	40	12.19	16	40.64	474	40	12.19	16	40.64
395	30	9.14	11	27.94	435	30	9.14	10	25.40	475	30	9.14	9	22.86
396	40	12.19	14	35.56	436	20	6.10	9	22.86	476	20	6.10	10	25.40
397	42	12.80	16	40.64	437	25	7.62	9	22.86	477	15	4.57	11	27.94
398	30	9.14	10	25.40	438	30	9.14	9	22.86	478	20	6.10	9	22.86
399	30	9.14	10	25.40	439	32	9.75	10	25.40	479	25	7.62	10	25.40
400	28	8.53	10	25.40	440	25	7.62	9	22.86	480	45	13.72	22	55.88

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	30	9.14	11	27.94	521	30	9.14	10	25.40	561	45	13.72	22	55.88
482	35	10.67	13	33.02	522	30	9.14	10	25.40	562	26	7.92	10	25.40
483	30	9.14	11	27.94	523	35	10.67	13	33.02	563	20	6.10	9	22.86
484	25	7.62	10	25.40	524	30	9.14	10	25.40	564	35	10.67	14	35.56
485	56	17.07	26	66.04	525	52	15.85	20	50.80	565	30	9.14	16	40.64
486	25	7.62	9	22.86	526	35	10.67	12	30.48	566	15	4.57	10	25.40
487	20	6.10	10	25.40	527	25	7.62	10	25.40	567	20	6.10	9	22.86
488	30	9.14	11	27.94	528	32	9.75	10	25.40	568	25	7.62	11	27.94
489	35	10.67	12	30.48	529	25	7.62	10	25.40	569	10	3.05	9	22.86
490	20	6.10	9	22.86	530	48	14.63	19	48.26	570	30	9.14	10	25.40
491	27	8.23	9	22.86	531	50	15.24	26	66.04	571	36	10.97	15	38.10
492	55	16.76	26	66.04	532	30	9.14	11	27.94	572	25	7.62	10	25.40
493	25	7.62	10	25.40	533	30	9.14	10	25.40	573	25	7.62	10	25.40
494	35	10.67	11	27.94	534	35	10.67	13	33.02	574	30	9.14	14	35.56
495	20	6.10	9	22.86	535	30	9.14	9	22.86	575	30	9.14	11	27.94
496	25	7.62	9	22.86	536	25	7.62	9	22.86	576	35	10.67	20	50.80
497	28	8.53	9	22.86	537	30	9.14	10	25.40	577	26	7.92	9	22.86
498	29	8.84	11	27.94	538	45	13.72	18	45.72	578	35	10.67	14	35.56
499	36	10.97	16	40.64	539	31	9.45	15	38.10	579	30	9.14	10	25.40
500	30	9.14	10	25.40	540	57	17.37	27	68.58	580	30	9.14	14	35.56
501	31	9.45	10	25.40	541	20	6.10	9	22.86	581	20	6.10	10	25.40
502	28	8.53	10	25.40	542	25	7.62	11	27.94	582	30	9.14	10	25.40
503	42	12.80	18	45.72	543	35	10.67	15	38.10	583	30	9.14	10	25.40
504	27	8.23	9	22.86	544	36	10.97	15	38.10	584	35	10.67	13	33.02
505	27	8.23	10	25.40	545	35	10.67	21	53.34	585	35	10.67	11	27.94
506	20	6.10	9	22.86	546	30	9.14	10	25.40	586	30	9.14	11	27.94
507	25	7.62	14	35.56	547	26	7.92	11	27.94	587	25	7.62	13	33.02
508	25	7.62	10	25.40	548	30	9.14	10	25.40	588	25	7.62	10	25.40
509	20	6.10	9	22.86	549	40	12.19	17	43.18	589	20	6.10	9	22.86
510	20	6.10	9	22.86	550	42	12.80	20	50.80	590	20	6.10	10	25.40
511	35	10.67	12	30.48	551	30	9.14	15	38.10	591	35	10.67	10	25.40
512	30	9.14	9	22.86	552	35	10.67	13	33.02	592	25	7.62	10	25.40
513	25	7.62	9	22.86	553	31	9.45	14	35.56	593	35	10.67	13	33.02
514	20	6.10	9	22.86	554	20	6.10	10	25.40	594	36	10.97	11	27.94
515	26	7.92	9	22.86	555	35	10.67	16	40.64	595	20	6.10	9	22.86
516	20	6.10	9	22.86	556	25	7.62	11	27.94	596	15	4.57	9	22.86
517	30	9.14	10	25.40	557	52	15.85	18	45.72	597	40	12.19	20	50.80
518	32	9.75	11	27.94	558	45	13.72	16	40.64	598	43	13.11	18	45.72
519	40	12.19	14	35.56	559	30	9.14	13	33.02	599	22	6.71	10	25.40
520	25	7.62	12	30.48	560	50	15.24	18	45.72	600	27	8.23	9	22.86

SUTAN

Shorea robusta/ (Sal)										*Buchanania lanzan* / (Piyal)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
601	52	15.85	21	53.34	641	35	10.67	16	40.64	1	12	3.66	8	20.32
602	36	10.97	10	25.40	642	30	9.14	11	27.94	2	20	6.10	11	27.94
603	15	4.57	9	22.86	643	30	9.14	12	30.48	3	45	13.72	18	45.72
604	27	8.23	10	25.40	644	30	9.14	12	30.48	4	42	12.80	24	60.96
605	20	6.10	11	27.94	645	30	9.14	11	27.94	5	17	5.18	10	25.40
606	30	9.14	11	27.94	646	36	10.97	12	30.48	6	20	6.10	12	30.48
607	51	15.54	19	48.26	647	45	13.72	18	45.72	7	18	5.49	10	25.40
608	30	9.14	20	50.80	648	25	7.62	10	25.40	8	20	6.10	9	22.86
609	30	9.14	10	25.40	649	50	15.24	17	43.18	9	22	6.71	10	25.40
610	41	12.50	15	38.10	650	30	9.14	11	27.94	10	25	7.62	9	22.86
611	30	9.14	11	27.94	651	25	7.62	9	22.86	11	15	4.57	8	20.32
612	45	13.72	18	45.72	652	55	16.76	23	58.42	12	26	7.92	12	30.48
613	35	10.67	12	30.48	653	35	10.67	15	38.10	13	22	6.71	9	22.86
614	40	12.19	22	55.88	654	45	13.72	22	55.88	14	30	9.14	18	45.72
615	25	7.62	11	27.94	655	30	9.14	10	25.40	15	25	7.62	9	22.86
616	30	9.14	10	25.40	656	55	16.76	27	68.58	16	18	5.49	10	25.40
617	26	7.92	10	25.40	657	50	15.24	20	50.80	17	24	7.32	11	27.94
618	35	10.67	12	30.48	658	30	9.14	10	25.40	18	25	7.62	11	27.94
619	45	13.72	14	35.56	659	60	18.29	24	60.96	19	32	9.75	12	30.48
620	25	7.62	11	27.94	660	30	9.14	12	30.48	20	25	7.62	10	25.40
621	36	10.97	12	30.48	661	55	16.76	25	63.50	21	32	9.75	11	27.94
622	40	12.19	17	43.18	662	40	12.19	14	35.56	22	35	10.67	13	33.02
623	35	10.67	12	30.48	663	31	9.45	10	25.40	23	35	10.67	12	30.48
624	30	9.14	13	33.02	664	68	20.73	37	93.98	24	32	9.75	13	33.02
625	36	10.97	11	27.94	665	35	10.67	12	30.48	25	16	4.88	10	25.40
626	40	12.19	19	48.26	666	35	10.67	13	33.02	26	38	11.58	13	33.02
627	20	6.10	14	35.56	667	30	9.14	12	30.48	27	18	5.49	10	25.40
628	30	9.14	11	27.94	668	30	9.14	10	25.40	28	35	10.67	13	33.02
629	45	13.72	19	48.26	669	40	12.19	20	50.80	29	25	7.62	10	25.40
630	25	7.62	12	30.48	670	30	9.14	10	25.40	30	17	5.18	10	25.40
631	30	9.14	13	33.02	671	35	10.67	15	38.10	31	30	9.14	15	38.10
632	25	7.62	11	27.94	672	30	9.14	11	27.94	32	39	11.89	10	25.40
633	45	13.72	15	38.10	673	40	12.19	22	55.88	33	35	10.67	13	33.02
634	37	11.28	12	30.48	674	27	8.23	9	22.86	34	25	7.62	9	22.86
635	60	18.29	22	55.88	675	35	10.67	10	25.40	35	30	9.14	10	25.40
636	25	7.62	11	27.94	676	68	20.73	34	86.36	36	32	9.75	10	25.40
637	45	13.72	13	33.02	677	30	9.14	10	25.40	37	30	9.14	14	35.56
638	52	15.85	25	63.50						38	21	6.40	9	22.86
639	35	10.67	12	30.48						39	30	9.14	14	35.56
640	30	9.14	11	27.94						40	30	9.14	13	33.02

SUTAN

Buchanania lanzan / (Piyal)										*Anogeissus latifolia* / (Dhaw)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	35	10.67	15	38.10	81	30	9.14	12	30.48	1	30	9.14	14	35.56
42	30	9.14	10	25.40	82	20	6.10	9	22.86	2	22	6.71	8	20.32
43	35	10.67	11	27.94	83	25	7.62	11	27.94	3	36	10.97	13	33.02
44	32	9.75	15	38.10	84	25	7.62	9	22.86	4	18	5.49	10	25.40
45	25	7.62	12	30.48	85	20	6.10	10	25.40	5	18	5.49	8	20.32
46	36	10.97	12	30.48	86	35	10.67	15	38.10	6	28	8.53	11	27.94
47	25	7.62	10	25.40	87	35	10.67	18	45.72	7	20	6.10	12	30.48
48	38	11.58	12	30.48	88	35	10.67	16	40.64	8	25	7.62	10	25.40
49	25	7.62	16	40.64	89	30	9.14	11	27.94	9	40	12.19	14	35.56
50	35	10.67	11	27.94	90	25	7.62	9	22.86	10	35	10.67	12	30.48
51	30	9.14	14	35.56	91	35	10.67	12	30.48	11	38	11.58	10	25.40
52	35	10.67	12	30.48	92	30	9.14	13	33.02	12	20	6.10	14	35.56
53	20	6.10	10	25.40	93	25	7.62	11	27.94	13	37	11.28	14	35.56
54	50	15.24	14	35.56	94	25	7.62	13	33.02	14	35	10.67	13	33.02
55	25	7.62	12	30.48	95	30	9.14	10	25.40	15	25	7.62	14	35.56
56	35	10.67	14	35.56						16	18	5.49	12	30.48
57	25	7.62	10	25.40						17	35	10.67	15	38.10
58	30	9.14	9	22.86	*Lagerstroemia parviflora* / (Sidha)					18	25	7.62	11	27.94
59	20	6.10	9	22.86	SL. NO.	Height		Girth		19	30	9.14	12	30.48
60	35	10.67	12	30.48		ft	m	inch	cm	20	25	7.62	12	30.48
61	35	10.67	13	33.02	1	14	4.27	7	17.78	21	20	6.10	11	27.94
62	36	10.97	13	33.02	2	17	5.18	9	22.86	22	26	7.92	12	30.48
63	25	7.62	10	25.40	3	22	6.71	10	25.40	23	35	10.67	10	25.40
64	35	10.67	13	33.02	4	24	7.32	11	27.94	24	30	9.14	10	25.40
65	20	6.10	9	22.86	5	22	6.71	10	25.40	25	32	9.75	10	25.40
66	30	9.14	14	35.56	6	30	9.14	12	30.48	26	40	12.19	12	30.48
67	25	7.62	14	35.56	7	15	4.57	9	22.86	27	36	10.97	12	30.48
68	30	9.14	13	33.02	8	22	6.71	10	25.40	28	26	7.92	13	33.02
69	25	7.62	9	22.86	9	25	7.62	9	22.86	29	30	9.14	13	33.02
70	30	9.14	13	33.02	10	32	9.75	9	22.86	30	25	7.62	15	38.10
71	37	11.28	18	45.72	11	26	7.92	13	33.02	31	19	5.79	11	27.94
72	35	10.67	13	33.02						32	25	7.62	9	22.86
73	30	9.14	12	30.48						33	50	15.24	24	60.96
74	35	10.67	13	33.02	*Terminalia bellirica*/ (Bohera)					34	30	9.14	13	33.02
75	30	9.14	12	30.48	SL. NO.	Height		Girth		35	35	10.67	12	30.48
76	35	10.67	14	35.56		ft	m	inch	cm	36	30	9.14	13	33.02
77	36	10.97	13	33.02	1	22	6.71	10	25.40	37	30	9.14	9	22.86
78	20	6.10	11	27.94	2	30	9.14	10	25.40	38	25	7.62	12	30.48
79	35	10.67	15	38.10	3	35	10.67	13	33.02	39	32	9.75	12	30.48
80	25	7.62	15	38.10	4	40	12.19	18	45.72	40	30	9.14	11	27.94

SUTAN

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	25	7.62	12	30.48
42	35	10.67	12	30.48
43	25	7.62	10	25.40

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	11	27.94
2	17	5.18	9	22.86
3	30	9.14	10	25.40
4	22	6.71	9	22.86
5	20	6.10	10	25.40
6	26	7.92	11	27.94
7	27	8.23	13	33.02
8	45	13.72	22	55.88
9	25	7.62	10	25.40
10	36	10.97	15	38.10
11	35	10.67	13	33.02

Cleistanthus collinus / (Parasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	13	3.96	7	17.78
2	14	4.27	9	22.86
3	15	4.57	13	33.02
4	15	4.57	10	25.40

Phyllanthus emblica / (Amloki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	9	22.86

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	9	22.86

Madhuca latifolia / (Mahua)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	18	5.49	9	22.86	41	45	13.72	24	60.96					
2	25	7.62	17	43.18	42	38	11.58	22	55.88					
3	13	3.96	9	22.86	43	26	7.92	13	33.02					
4	26	7.92	12	30.48	44	30	9.14	14	35.56					
5	28	8.53	14	35.56	45	50	15.24	22	55.88					
6	35	10.67	15	38.10	46	55	16.76	62	157.48					
7	22	6.71	9	22.86	47	30	9.14	11	27.94					
8	40	12.19	16	40.64	48	38	11.58	13	33.02					
9	40	12.19	14	35.56	49	20	6.10	10	25.40					
10	18	5.49	9	22.86	50	50	15.24	38	96.52					
11	45	13.72	23	58.42	51	30	9.14	11	27.94					
12	32	9.75	12	30.48	52	35	10.67	13	33.02					
13	30	9.14	12	30.48	53	30	9.14	11	27.94					
14	15	4.57	9	22.86	54	30	9.14	15	38.10					
15	18	5.49	11	27.94	55	25	7.62	10	25.40					
16	25	7.62	10	25.40	56	20	6.10	9	22.86					
17	20	6.10	10	25.40	57	30	9.14	12	30.48					
18	15	4.57	10	25.40	58	41	12.50	27	68.58					
19	25	7.62	13	33.02	59	35	10.67	14	35.56					
20	22	6.71	13	33.02	60	35	10.67	15	38.10					
21	18	5.49	10	25.40	61	50	15.24	47	119.38					
22	29	8.84	8	20.32	62	30	9.14	16	40.64					
23	39	11.89	13	33.02	63	35	10.67	16	40.64					
24	42	12.80	23	58.42	64	36	10.97	17	43.18					
25	30	9.14	18	45.72	65	40	12.19	19	48.26					
26	35	10.67	14	35.56	66	15	4.57	9	22.86					
27	14	4.27	9	22.86	67	20	6.10	9	22.86					
28	11	3.35	9	22.86	68	40	12.19	24	60.96					
29	12	3.66	9	22.86	69	48	14.63	22	55.88					
30	22	6.71	10	25.40	70	30	9.14	13	33.02					
31	22	6.71	11	27.94	71	25	7.62	12	30.48					
32	30	9.14	22	55.88	72	28	8.53	9	22.86					
33	22	6.71	10	25.40	73	41	12.50	23	58.42					
34	30	9.14	11	27.94	74	35	10.67	17	43.18					
35	14	4.27	11	27.94	75	43	13.11	30	76.20					
36	40	12.19	19	48.26	76	20	6.10	9	22.86					
37	38	11.58	18	45.72	77	38	11.58	21	53.34					
38	40	12.19	24	60.96	78	26	7.92	10	25.40					
39	20	6.10	14	35.56	79	47	14.33	65	165.10					
40	40	12.19	17	43.18	80	50	15.24	42	106.68					

SUTAN

Madhuca latifolia/ (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
81	20	6.10	15	38.10
82	20	6.10	9	22.86
83	50	15.24	41	104.14
84	40	12.19	22	55.88
85	25	7.62	12	30.48
86	30	9.14	17	43.18
87	45	13.72	28	71.12
88	30	9.14	12	30.48
89	25	7.62	10	25.40
90	40	12.19	16	40.64
91	30	9.14	14	35.56
92	35	10.67	18	45.72
93	30	9.14	22	55.88
94	25	7.62	12	30.48
95	22	6.71	12	30.48
96	30	9.14	11	27.94
97	30	9.14	20	50.80
98	42	12.80	18	45.72
99	35	10.67	16	40.64
100	35	10.67	18	45.72
101	30	9.14	11	27.94
102	45	13.72	26	66.04
103	52	15.85	28	71.12
104	40	12.19	19	48.26
105	40	12.19	20	50.80
106	30	9.14	19	48.26
107	35	10.67	13	33.02
108	40	12.19	17	43.18
109	40	12.19	19	48.26

Gardenia latifolia / (Dombhurru)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	8	2.44	7	17.78
2	25	7.62	15	38.10
3	20	6.10	12	30.48

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	17	43.18
2	35	10.67	15	38.10
3	40	12.19	17	43.18
4	28	8.53	11	27.94
5	20	6.10	10	25.40
6	24	7.32	10	25.40
7	22	6.71	10	25.40
8	22	6.71	10	25.40
9	40	12.19	16	40.64
10	20	6.10	9	22.86
11	35	10.67	17	43.18
12	30	9.14	11	27.94
13	25	7.62	10	25.40
14	18	5.49	9	22.86
15	17	5.18	10	25.40
16	20	6.10	10	25.40
17	30	9.14	16	40.64
18	40	12.19	17	43.18
19	25	7.62	11	27.94
20	22	6.71	10	25.40
21	20	6.10	9	22.86
22	36	10.97	16	40.64
23	30	9.14	13	33.02
24	25	7.62	9	22.86
25	35	10.67	15	38.10
26	28	8.53	14	35.56
27	20	6.10	10	25.40
28	20	6.10	9	22.86
29	22	6.71	9	22.86
30	30	9.14	12	30.48
31	27	8.23	9	22.86
32	30	9.14	11	27.94
33	36	10.97	14	35.56
34	30	9.14	13	33.02
35	32	9.75	13	33.02
36	40	12.19	15	38.10
37	45	13.72	16	40.64
38	40	12.19	16	40.64
39	20	6.10	10	25.40
40	34	10.36	14	35.56

41	40	12.19	18	45.72
42	35	10.67	12	30.48

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	6	15.24
2	18	5.49	10	25.40
3	50	15.24	32	81.28
4	55	16.76	30	76.20
5	15	4.57	8	20.32
6	15	4.57	9	22.86
7	12	3.66	8	20.32
8	25	7.62	11	27.94
9	17	5.18	8	20.32
10	10	3.05	10	25.40
11	15	4.57	9	22.86
12	51	15.54	53	134.62
13	50	15.24	46	116.84
14	25	7.62	10	25.40

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	9	22.86

Sterospermum suaveolens / (Parul)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	10	25.40

Ixora arborea / (Lohajangi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	14	4.27	9	22.86
2	20	6.10	17	43.18

SUTAN

Terminalia tomentosa / (Ason)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	17	43.18	41	20	6.10	9	22.86	81	42	12.80	19	48.26
2	18	5.49	9	22.86	42	30	9.14	10	25.40	82	20	6.10	9	22.86
3	32	9.75	16	40.64	43	20	6.10	9	22.86	83	35	10.67	10	25.40
4	20	6.10	9	22.86	44	32	9.75	11	27.94	84	30	9.14	12	30.48
5	26	7.92	11	27.94	45	40	12.19	15	38.10	85	36	10.97	12	30.48
6	18	5.49	11	27.94	46	45	13.72	17	43.18	86	30	9.14	11	27.94
7	26	7.92	14	35.56	47	25	7.62	11	27.94	87	25	7.62	11	27.94
8	30	9.14	15	38.10	48	50	15.24	20	50.80	88	35	10.67	13	33.02
9	35	10.67	13	33.02	49	30	9.14	11	27.94	89	35	10.67	16	40.64
10	22	6.71	13	33.02	50	30	9.14	11	27.94	90	20	6.10	11	27.94
11	36	10.97	13	33.02	51	23	7.01	9	22.86	91	25	7.62	9	22.86
12	30	9.14	10	25.40	52	30	9.14	9	22.86	92	30	9.14	10	25.40
13	35	10.67	14	35.56	53	25	7.62	8	20.32	93	36	10.97	15	38.10
14	28	8.53	10	25.40	54	35	10.67	17	43.18	94	30	9.14	11	27.94
15	20	6.10	8	20.32	55	25	7.62	11	27.94	95	20	6.10	9	22.86
16	18	5.49	8	20.32	56	25	7.62	9	22.86	96	46	14.02	24	60.96
17	20	6.10	10	25.40	57	35	10.67	13	33.02	97	30	9.14	16	40.64
18	35	10.67	11	27.94	58	20	6.10	9	22.86					
19	20	6.10	9	22.86	59	30	9.14	10	25.40					
20	28	8.53	12	30.48	60	30	9.14	10	25.40	*Morinda citrifolia* / (Auch/Noni)				
21	24	7.32	10	25.40	61	25	7.62	10	25.40	SL. NO.	Height		Girth	
22	15	4.57	9	22.86	62	36	10.97	13	33.02		ft	m	inch	cm
23	19	5.79	10	25.40	63	25	7.62	9	22.86	1	22	6.71	11	27.94
24	15	4.57	8	20.32	64	20	6.10	9	22.86	2	13	3.96	6	15.24
25	22	6.71	10	25.40	65	30	9.14	10	25.40	3	14	4.27	7	17.78
26	25	7.62	12	30.48	66	25	7.62	9	22.86	4	14	4.27	9	22.86
27	25	7.62	12	30.48	67	20	6.10	9	22.86	5	12	3.66	10	25.40
28	22	6.71	10	25.40	68	25	7.62	9	22.86	6	13	3.96	10	25.40
29	40	12.19	18	45.72	69	25	7.62	11	27.94	7	16	4.88	11	27.94
30	35	10.67	14	35.56	70	35	10.67	14	35.56	8	14	4.27	11	27.94
31	30	9.14	16	40.64	71	25	7.62	9	22.86	9	35	10.67	24	60.96
32	22	6.71	10	25.40	72	36	10.97	13	33.02					
33	28	8.53	11	27.94	73	20	6.10	9	22.86					
34	25	7.62	11	27.94	74	25	7.62	10	25.40					
35	30	9.14	13	33.02	75	35	10.67	12	30.48	*Lannea coromandelica* / (Geol/Doka)				
36	33	10.06	11	27.94	76	40	12.19	21	53.34	SL. NO.	Height		Girth	
37	40	12.19	16	40.64	77	30	9.14	13	33.02		ft	m	inch	cm
38	35	10.67	12	30.48	78	30	9.14	15	38.10	1	40	12.19	22	55.88
39	28	8.53	11	27.94	79	30	9.14	10	25.40	2	43	13.11	19	48.26
40	35	10.67	14	35.56	80	45	13.72	16	40.64	3	30	9.14	15	38.1

SUTAN

Soymida febrifuga / (Rahora)					*Holarrhena antidysenterica* / (Kurchi)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm
1	18	5.49	11	27.94	1	18	5.49	9	22.86
2	32	9.75	16	40.64	2	20	6.10	10	25.40
3	32	9.75	18	45.72	3	18	5.49	11	27.94
4	40	12.19	15	38.10	4	15	4.57	18	45.72
5	25	7.62	12	30.48	5	18	5.49	10	25.40
6	21	6.40	9	22.86	6	17	5.18	9	22.86
7	25	7.62	10	25.40	7	18	5.49	9	22.86
8	20	6.10	8	20.32	8	18	5.49	8	20.32
9	30	9.14	24	60.96	9	30	9.14	13	33.02
10	25	7.62	10	25.40	10	14	4.27	7	17.78
11	35	10.67	13	33.02	11	18	5.49	10	25.40
12	25	7.62	10	25.40	12	18	5.49	9	22.86
13	31	9.45	13	33.02	13	20	6.10	9	22.86
14	36	10.97	19	48.26	14	16	4.88	9	22.86
15	30	9.14	12	30.48	15	20	6.10	9	22.86
16	40	12.19	27	68.58	16	25	7.62	11	27.94
17	25	7.62	10	25.40	17	14	4.27	8	20.32
18	35	10.67	13	33.02	18	22	6.71	11	27.94
19	20	6.10	11	27.94	19	15	4.57	9	22.86
20	30	9.14	12	30.48	20	16	4.88	9	22.86
21	30	9.14	11	27.94	21	15	4.57	9	22.86
22	40	12.19	18	45.72	22	25	7.62	11	27.94
23	25	7.62	11	27.94	23	20	6.10	9	22.86
24	23	7.01	10	25.40	24	30	9.14	11	27.94
25	30	9.14	12	30.48	25	32	9.75	11	27.94
26	35	10.67	16	40.64					
27	30	9.14	15	38.10					
28	20	6.10	9	22.86					
29	27	8.23	13	33.02					
30	25	7.62	10	25.40					
31	35	10.67	12	30.48					

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	21	6.40	12	30.48
2	20	6.10	11	27.94
3	40	12.19	16	40.64

SUTAN

Sutan SP 4

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	16	40.64	41	30	9.14	11	27.94	81	35	10.67	15	38.10
2	35	10.67	16	40.64	42	35	10.67	17	43.18	82	30	9.14	15	38.10
3	50	15.24	19	48.26	43	30	9.14	11	27.94	83	35	10.67	16	40.64
4	28	8.53	14	35.56	44	10	3.05	20	50.80	84	40	12.19	17	43.18
5	35	10.67	18	45.72	45	20	6.10	8	20.32	85	45	13.72	19	48.26
6	42	12.80	18	45.72	46	33	10.06	15	38.10	86	12	3.66	7	17.78
7	30	9.14	13	33.02	47	40	12.19	19	48.26	87	40	12.19	16	40.64
8	25	7.62	10	25.40	48	30	9.14	10	25.40	88	40	12.19	21	53.34
9	38	11.58	14	35.56	49	20	6.10	13	33.02	89	40	12.19	20	50.80
10	40	12.19	17	43.18	50	30	9.14	12	30.48	90	30	9.14	11	27.94
11	48	14.63	31	78.74	51	35	10.67	12	30.48	91	40	12.19	23	58.42
12	30	9.14	13	33.02	52	30	9.14	18	45.72	92	39	11.89	20	50.80
13	30	9.14	12	30.48	53	30	9.14	12	30.48	93	25	7.62	11	27.94
14	25	7.62	10	25.40	54	35	10.67	14	35.56	94	18	5.49	14	35.56
15	30	9.14	13	33.02	55	35	10.67	13	33.02	95	29	8.84	22	55.88
16	30	9.14	11	27.94	56	35	10.67	23	58.42	96	17	5.18	10	25.40
17	35	10.67	13	33.02	57	30	9.14	15	38.10	97	30	9.14	13	33.02
18	25	7.62	9	22.86	58	20	6.10	11	27.94	98	40	12.19	14	35.56
19	40	12.19	21	53.34	59	20	6.10	11	27.94	99	45	13.72	21	53.34
20	35	10.67	16	40.64	60	35	10.67	16	40.64	100	40	12.19	19	48.26
21	40	12.19	18	45.72	61	30	9.14	9	22.86	101	32	9.75	11	27.94
22	35	10.67	15	38.10	62	25	7.62	12	30.48	102	35	10.67	11	27.94
23	20	6.10	10	25.40	63	35	10.67	17	43.18	103	32	9.75	13	33.02
24	50	15.24	20	50.80	64	30	9.14	15	38.10	104	55	16.76	21	53.34
25	55	16.76	21	53.34	65	25	7.62	14	35.56	105	35	10.67	14	35.56
26	30	9.14	20	50.80	66	30	9.14	18	45.72	106	35	10.67	12	30.48
27	30	9.14	16	40.64	67	10	3.05	17	43.18	107	40	12.19	14	35.56
28	15	4.57	18	45.72	68	35	10.67	12	30.48	108	43	13.11	15	38.10
29	45	13.72	18	45.72	69	30	9.14	18	45.72	109	55	16.76	28	71.12
30	40	12.19	26	66.04	70	25	7.62	9	22.86	110	18	5.49	11	27.94
31	30	9.14	13	33.02	71	30	9.14	15	38.10	111	40	12.19	12	30.48
32	30	9.14	18	45.72	72	40	12.19	17	43.18	112	50	15.24	19	48.26
33	30	9.14	16	40.64	73	40	12.19	21	53.34	113	50	15.24	18	45.72
34	30	9.14	14	35.56	74	35	10.67	20	50.80	114	25	7.62	10	25.40
35	30	9.14	14	35.56	75	45	13.72	24	60.96	115	48	14.63	15	38.10
36	25	7.62	15	38.10	76	45	13.72	19	48.26	116	40	12.19	18	45.72
37	35	10.67	21	53.34	77	45	13.72	20	50.80	117	40	12.19	15	38.10
38	30	9.14	14	35.56	78	35	10.67	14	35.56	118	35	10.67	13	33.02
39	20	6.10	8	20.32	79	30	9.14	16	40.64	119	28	8.53	11	27.94
40	30	9.14	15	38.10	80	40	12.19	24	60.96	120	50	15.24	18	45.72

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	48	14.63	14	35.56	161	35	10.67	12	30.48	201	30	9.14	12	30.48
122	35	10.67	13	33.02	162	28	8.53	11	27.94	202	20	6.10	11	27.94
123	40	12.19	12	30.48	163	30	9.14	12	30.48	203	20	6.10	13	33.02
124	55	16.76	22	55.88	164	28	8.53	11	27.94	204	35	10.67	16	40.64
125	35	10.67	11	27.94	165	26	7.92	11	27.94	205	35	10.67	12	30.48
126	38	11.58	15	38.10	166	42	12.80	13	33.02	206	36	10.97	12	30.48
127	17	5.18	9	22.86	167	37	11.28	15	38.10	207	30	9.14	13	33.02
128	40	12.19	17	43.18	168	40	12.19	14	35.56	208	28	8.53	11	27.94
129	52	15.85	18	45.72	169	45	13.72	15	38.10	209	30	9.14	12	30.48
130	55	16.76	18	45.72	170	32	9.75	12	30.48	210	31	9.45	12	30.48
131	30	9.14	11	27.94	171	28	8.53	10	25.40	211	28	8.53	11	27.94
132	25	7.62	11	27.94	172	28	8.53	11	27.94	212	22	6.71	10	25.40
133	37	11.28	12	30.48	173	35	10.67	13	33.02	213	32	9.75	14	35.56
134	55	16.76	21	53.34	174	30	9.14	12	30.48	214	30	9.14	12	30.48
135	35	10.67	14	35.56	175	30	9.14	13	33.02	215	30	9.14	11	27.94
136	38	11.58	15	38.10	176	40	12.19	16	40.64	216	28	8.53	12	30.48
137	20	6.10	11	27.94	177	36	10.97	12	30.48	217	40	12.19	13	33.02
138	35	10.67	12	30.48	178	20	6.10	10	25.40	218	30	9.14	12	30.48
139	30	9.14	14	35.56	179	50	15.24	15	38.10	219	35	10.67	13	33.02
140	55	16.76	18	45.72	180	20	6.10	22	55.88	220	35	10.67	12	30.48
141	50	15.24	18	45.72	181	18	5.49	10	25.40	221	22	6.71	10	25.40
142	30	9.14	12	30.48	182	50	15.24	16	40.64	222	30	9.14	17	43.18
143	50	15.24	17	43.18	183	25	7.62	12	30.48	223	36	10.97	12	30.48
144	50	15.24	16	40.64	184	40	12.19	16	40.64	224	24	7.32	11	27.94
145	45	13.72	16	40.64	185	42	12.80	14	35.56	225	25	7.62	10	25.40
146	25	7.62	11	27.94	186	44	13.41	14	35.56	226	22	6.71	11	27.94
147	22	6.71	11	27.94	187	37	11.28	13	33.02	227	34	10.36	12	30.48
148	38	11.58	14	35.56	188	50	15.24	16	40.64	228	25	7.62	12	30.48
149	20	6.10	10	25.40	189	55	16.76	18	45.72	229	40	12.19	14	35.56
150	40	12.19	15	38.10	190	15	4.57	12	30.48	230	22	6.71	11	27.94
151	45	13.72	21	53.34	191	30	9.14	12	30.48	231	35	10.67	12	30.48
152	55	16.76	23	58.42	192	38	11.58	14	35.56	232	38	11.58	18	45.72
153	20	6.10	10	25.40	193	25	7.62	10	25.40	233	40	12.19	16	40.64
154	24	7.32	12	30.48	194	35	10.67	15	38.10	234	40	12.19	14	35.56
155	36	10.97	14	35.56	195	38	11.58	16	40.64	235	28	8.53	10	25.40
156	18	5.49	11	27.94	196	22	6.71	10	25.40	236	30	9.14	13	33.02
157	30	9.14	11	27.94	197	22	6.71	11	27.94	237	36	10.97	12	30.48
158	30	9.14	11	27.94	198	38	11.58	12	30.48	238	30	9.14	13	33.02
159	35	10.67	12	30.48	199	16	4.88	12	30.48	239	50	15.24	22	55.88
160	52	15.85	16	40.64	200	30	9.14	12	30.48	240	40	12.19	16	40.64

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	60	18.29	18	45.72	281	60	18.29	23	58.42	321	40	12.19	24	60.96
242	55	16.76	17	43.18	282	25	7.62	11	27.94	322	40	12.19	14	35.56
243	30	9.14	13	33.02	283	22	6.71	11	27.94	323	37	11.28	25	63.50
244	20	6.10	18	45.72	284	60	18.29	28	71.12	324	55	16.76	32	81.28
245	45	13.72	16	40.64	285	25	7.62	11	27.94	325	25	7.62	30	76.20
246	55	16.76	22	55.88	286	22	6.71	10	25.40	326	30	9.14	10	25.40
247	32	9.75	12	30.48	287	52	15.85	26	66.04	327	35	10.67	17	43.18
248	45	13.72	15	38.10	288	50	15.24	34	86.36	328	45	13.72	18	45.72
249	20	6.10	10	25.40	289	45	13.72	14	35.56	329	42	12.80	16	40.64
250	32	9.75	13	33.02	290	15	4.57	11	27.94	330	46	14.02	19	48.26
251	45	13.72	19	48.26	291	42	12.80	18	45.72	331	35	10.67	16	40.64
252	28	8.53	13	33.02	292	18	5.49	11	27.94	332	45	13.72	20	50.80
253	35	10.67	14	35.56	293	30	9.14	11	27.94	333	40	12.19	16	40.64
254	55	16.76	24	60.96	294	50	15.24	24	60.96	334	37	11.28	15	38.10
255	20	6.10	11	27.94	295	20	6.10	24	60.96	335	30	9.14	13	33.02
256	20	6.10	10	25.40	296	35	10.67	13	33.02	336	35	10.67	13	33.02
257	17	5.18	19	48.26	297	42	12.80	16	40.64	337	30	9.14	10	25.40
258	30	9.14	20	50.80	298	55	16.76	34	86.36	338	35	10.67	12	30.48
259	22	6.71	12	30.48	299	40	12.19	14	35.56	339	40	12.19	23	58.42
260	55	16.76	22	55.88	300	35	10.67	12	30.48	340	35	10.67	16	40.64
261	35	10.67	16	40.64	301	45	13.72	16	40.64	341	20	6.10	10	25.40
262	25	7.62	11	27.94	302	42	12.80	20	50.80	342	40	12.19	19	48.26
263	40	12.19	16	40.64	303	40	12.19	18	45.72	343	30	9.14	12	30.48
264	45	13.72	15	38.10	304	30	9.14	11	27.94	344	30	9.14	11	27.94
265	21	6.40	11	27.94	305	60	18.29	24	60.96	345	45	13.72	26	66.04
266	40	12.19	18	45.72	306	25	7.62	11	27.94	346	40	12.19	16	40.64
267	20	6.10	9	22.86	307	46	14.02	19	48.26	347	36	10.97	14	35.56
268	55	16.76	21	53.34	308	57	17.37	23	58.42	348	35	10.67	13	33.02
269	62	18.90	28	71.12	309	30	9.14	13	33.02	349	40	12.19	13	33.02
270	30	9.14	12	30.48	310	52	15.85	18	45.72	350	42	12.80	17	43.18
271	22	6.71	11	27.94	311	32	9.75	12	30.48	351	30	9.14	10	25.40
272	40	12.19	15	38.10	312	80	24.38	16	40.64	352	35	10.67	14	35.56
273	45	13.72	16	40.64	313	21	6.40	10	25.40	353	40	12.19	14	35.56
274	20	6.10	14	35.56	314	55	16.76	24	60.96	354	30	9.14	10	25.40
275	42	12.80	21	53.34	315	45	13.72	15	38.10	355	45	13.72	15	38.10
276	40	12.19	16	40.64	316	20	6.10	12	30.48	356	30	9.14	10	25.40
277	26	7.92	11	27.94	317	20	6.10	9	22.86	357	37	11.28	18	45.72
278	32	9.75	13	33.02	318	40	12.19	20	50.80	358	45	13.72	22	55.88
279	30	9.14	11	27.94	319	40	12.19	24	60.96	359	25	7.62	10	25.40
280	22	6.71	10	25.40	320	35	10.67	18	45.72	360	41	12.50	24	60.96

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	36	10.97	15	38.10	401	50	15.24	31	78.74	441	35	10.67	11	27.94
362	25	7.62	10	25.40	402	40	12.19	21	53.34	442	40	12.19	23	58.42
363	40	12.19	17	43.18	403	35	10.67	15	38.10	443	35	10.67	13	33.02
364	26	7.92	10	25.40	404	36	10.97	13	33.02	444	30	9.14	15	38.10
365	50	15.24	24	60.96	405	37	11.28	17	43.18	445	42	12.80	16	40.64
366	41	12.50	16	40.64	406	30	9.14	18	45.72	446	36	10.97	16	40.64
367	30	9.14	11	27.94	407	20	6.10	14	35.56	447	30	9.14	11	27.94
368	25	7.62	10	25.40	408	25	7.62	11	27.94	448	30	9.14	16	40.64
369	52	15.85	19	48.26	409	36	10.97	12	30.48	449	42	12.80	17	43.18
370	25	7.62	11	27.94	410	20	6.10	10	25.40	450	45	13.72	23	58.42
371	50	15.24	17	43.18	411	20	6.10	10	25.40	451	35	10.67	15	38.10
372	35	10.67	15	38.10	412	35	10.67	14	35.56	452	25	7.62	13	33.02
373	40	12.19	22	55.88	413	30	9.14	14	35.56	453	20	6.10	10	25.40
374	25	7.62	10	25.40	414	42	12.80	18	45.72	454	35	10.67	14	35.56
375	40	12.19	15	38.10	415	40	12.19	19	48.26	455	31	9.45	15	38.10
376	45	13.72	19	48.26	416	41	12.50	20	50.80	456	30	9.14	12	30.48
377	36	10.97	14	35.56	417	40	12.19	18	45.72	457	35	10.67	15	38.10
378	43	13.11	18	45.72	418	35	10.67	16	40.64	458	30	9.14	14	35.56
379	25	7.62	16	40.64	419	36	10.97	16	40.64	459	25	7.62	10	25.40
380	45	13.72	18	45.72	420	41	12.50	16	40.64	460	38	11.58	14	35.56
381	40	12.19	14	35.56	421	40	12.19	19	48.26	461	50	15.24	23	58.42
382	40	12.19	17	43.18	422	30	9.14	15	38.10	462	52	15.85	20	50.80
383	25	7.62	10	25.40	423	41	12.50	19	48.26	463	30	9.14	14	35.56
384	35	10.67	12	30.48	424	30	9.14	11	27.94	464	35	10.67	12	30.48
385	40	12.19	17	43.18	425	40	12.19	19	48.26	465	35	10.67	17	43.18
386	48	14.63	18	45.72	426	35	10.67	13	33.02	466	30	9.14	15	38.10
387	30	9.14	11	27.94	427	36	10.97	11	27.94	467	25	7.62	10	25.40
388	32	9.75	11	27.94	428	35	10.67	14	35.56	468	35	10.67	20	50.80
389	45	13.72	28	71.12	429	20	6.10	9	22.86	469	40	12.19	26	66.04
390	35	10.67	14	35.56	430	30	9.14	10	25.40	470	35	10.67	24	60.96
391	37	11.28	14	35.56	431	35	10.67	13	33.02	471	35	10.67	18	45.72
392	40	12.19	18	45.72	432	37	11.28	16	40.64	472	42	12.80	23	58.42
393	30	9.14	10	25.40	433	28	8.53	17	43.18	473	35	10.67	12	30.48
394	40	12.19	14	35.56	434	41	12.50	16	40.64	474	20	6.10	10	25.40
395	25	7.62	10	25.40	435	30	9.14	9	22.86	475	41	12.50	19	48.26
396	30	9.14	18	45.72	436	40	12.19	17	43.18	476	31	9.45	16	40.64
397	41	12.50	18	45.72	437	30	9.14	12	30.48	477	35	10.67	19	48.26
398	40	12.19	15	38.10	438	35	10.67	14	35.56	478	26	7.92	10	25.40
399	35	10.67	14	35.56	439	25	7.62	12	30.48	479	46	14.02	17	43.18
400	37	11.28	14	35.56	440	30	9.14	13	33.02	480	35	10.67	15	38.10

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	25	7.62	11	27.94	521	30	9.14	13	33.02	561	36	10.97	12	30.48
482	25	7.62	15	38.10	522	31	9.45	10	25.40	562	35	10.67	17	43.18
483	34	10.36	17	43.18	523	30	9.14	10	25.40	563	25	7.62	17	43.18
484	40	12.19	20	50.80	524	20	6.10	12	30.48	564	30	9.14	10	25.40
485	50	15.24	25	63.50	525	30	9.14	14	35.56	565	28	8.53	11	27.94
486	40	12.19	20	50.80	526	45	13.72	17	43.18	566	45	13.72	18	45.72
487	40	12.19	18	45.72	527	36	10.97	13	33.02	567	35	10.67	17	43.18
488	30	9.14	17	43.18	528	40	12.19	16	40.64	568	35	10.67	13	33.02
489	46	14.02	19	48.26	529	40	12.19	14	35.56	569	42	12.80	17	43.18
490	35	10.67	15	38.10	530	25	7.62	9	22.86	570	30	9.14	10	25.40
491	38	11.58	16	40.64	531	42	12.80	18	45.72	571	28	8.53	10	25.40
492	36	10.97	19	48.26	532	40	12.19	15	38.10	572	32	9.75	12	30.48
493	40	12.19	14	35.56	533	15	4.57	10	25.40	573	45	13.72	17	43.18
494	30	9.14	11	27.94	534	50	15.24	23	58.42	574	37	11.28	12	30.48
495	40	12.19	17	43.18	535	35	10.67	13	33.02	575	42	12.80	28	71.12
496	42	12.80	17	43.18	536	30	9.14	12	30.48	576	30	9.14	10	25.40
497	30	9.14	12	30.48	537	25	7.62	9	22.86	577	30	9.14	10	25.40
498	31	9.45	16	40.64	538	30	9.14	9	22.86	578	50	15.24	28	71.12
499	40	12.19	14	35.56	539	30	9.14	10	25.40	579	45	13.72	18	45.72
500	45	13.72	17	43.18	540	35	10.67	10	25.40	580	25	7.62	11	27.94
501	30	9.14	11	27.94	541	42	12.80	10	25.40	581	28	8.53	11	27.94
502	45	13.72	8	20.32	542	40	12.19	17	43.18	582	20	6.10	10	25.40
503	30	9.14	12	30.48	543	30	9.14	10	25.40	583	35	10.67	13	33.02
504	25	7.62	13	33.02	544	36	10.97	14	35.56	584	50	15.24	26	66.04
505	45	13.72	25	63.50	545	38	11.58	20	50.80	585	60	18.29	17	43.18
506	30	9.14	11	27.94	546	40	12.19	18	45.72	586	20	6.10	9	22.86
507	25	7.62	10	25.40	547	35	10.67	17	43.18	587	40	12.19	17	43.18
508	35	10.67	13	33.02	548	25	7.62	9	22.86	588	50	15.24	26	66.04
509	30	9.14	10	25.40	549	42	12.80	18	45.72	589	35	10.67	12	30.48
510	30	9.14	18	45.72	550	20	6.10	9	22.86	590	30	9.14	17	43.18
511	30	9.14	12	30.48	551	35	10.67	16	40.64	591	35	10.67	13	33.02
512	35	10.67	15	38.10	552	35	10.67	13	33.02	592	35	10.67	13	33.02
513	40	12.19	12	30.48	553	36	10.97	13	33.02	593	30	9.14	12	30.48
514	30	9.14	9	22.86	554	42	12.80	18	45.72	594	48	14.63	14	35.56
515	30	9.14	11	27.94	555	35	10.67	14	35.56	595	37	11.28	14	35.56
516	25	7.62	9	22.86	556	40	12.19	17	43.18	596	30	9.14	15	38.10
517	25	7.62	11	27.94	557	40	12.19	16	40.64	597	40	12.19	16	40.64
518	30	9.14	12	30.48	558	38	11.58	15	38.10	598	25	7.62	10	25.40
519	40	12.19	17	43.18	559	35	10.67	14	35.56	599	42	12.80	18	45.72
520	42	12.80	18	45.72	560	35	10.67	14	35.56	600	31	9.45	13	33.02

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
601	45	13.72	17	43.18	641	50	15.24	23	58.42	681	35	10.67	14	35.56
602	30	9.14	15	38.10	642	61	18.59	17	43.18	682	40	12.19	15	38.10
603	40	12.19	19	48.26	643	40	12.19	16	40.64	683	40	12.19	14	35.56
604	25	7.62	14	35.56	644	50	15.24	15	38.10	684	20	6.10	9	22.86
605	40	12.19	15	38.10	645	40	12.19	14	35.56	685	35	10.67	14	35.56
606	30	9.14	11	27.94	646	35	10.67	14	35.56	686	40	12.19	15	38.10
607	42	12.80	15	38.10	647	68	20.73	25	63.50	687	40	12.19	14	35.56
608	20	6.10	10	25.40	648	40	12.19	18	45.72	688	20	6.10	9	22.86
609	47	14.33	20	50.80	649	30	9.14	19	48.26	689	68	20.73	21	53.34
610	41	12.50	18	45.72	650	25	7.62	10	25.40	690	40	12.19	13	33.02
611	35	10.67	15	38.10	651	40	12.19	14	35.56	691	35	10.67	10	25.40
612	42	12.80	17	43.18	652	40	12.19	15	38.10	692	37	11.28	14	35.56
613	30	9.14	15	38.10	653	35	10.67	16	40.64	693	35	10.67	19	48.26
614	30	9.14	10	25.40	654	30	9.14	10	25.40	694	40	12.19	15	38.10
615	51	15.54	17	43.18	655	30	9.14	10	25.40	695	36	10.97	13	33.02
616	32	9.75	14	35.56	656	25	7.62	10	25.40	696	50	15.24	21	53.34
617	62	18.90	33	83.82	657	35	10.67	13	33.02	697	35	10.67	11	27.94
618	28	8.53	10	25.40	658	40	12.19	14	35.56	698	30	9.14	13	33.02
619	55	16.76	22	55.88	659	60	18.29	33	83.82	699	40	12.19	17	43.18
620	40	12.19	18	45.72	660	40	12.19	18	45.72	700	30	9.14	11	27.94
621	30	9.14	10	25.40	661	35	10.67	13	33.02					
622	45	13.72	11	27.94	662	50	15.24	18	45.72					
623	40	12.19	20	50.80	663	35	10.67	13	33.02					
624	51	15.54	23	58.42	664	60	18.29	28	71.12					
625	35	10.67	13	33.02	665	40	12.19	21	53.34					
626	36	10.97	14	35.56	666	35	10.67	10	25.40					
627	30	9.14	11	27.94	667	20	6.10	9	22.86					
628	40	12.19	22	55.88	668	30	9.14	10	25.40					
629	35	10.67	13	33.02	669	55	16.76	24	60.96					
630	36	10.97	11	27.94	670	42	12.80	14	35.56					
631	37	11.28	18	45.72	671	55	16.76	24	60.96					
632	50	15.24	24	60.96	672	45	13.72	15	38.10					
633	30	9.14	17	43.18	673	35	10.67	13	33.02					
634	30	9.14	10	25.40	674	50	15.24	17	43.18					
635	50	15.24	30	76.20	675	30	9.14	13	33.02					
636	50	15.24	23	58.42	676	26	7.92	10	25.40					
637	30	9.14	37	93.98	677	35	10.67	12	30.48					
638	35	10.67	13	33.02	678	60	18.29	23	58.42					
639	30	9.14	13	33.02	679	35	10.67	11	27.94					
640	50	15.24	27	68.58	680	30	9.14	18	45.72					

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	20	6.10	10	25.40
3	34	10.36	14	35.56
4	25	7.62	9	22.86
5	25	7.62	8	20.32
6	36	10.97	15	38.10

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	15	4.57	8	20.32
3	17	5.18	9	22.86

SUTAN

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	13	33.02	41	14	4.27	9	22.86	81	26	7.92	9	22.86
2	27	8.23	12	30.48	42	25	7.62	11	27.94	82	30	9.14	14	35.56
3	25	7.62	13	33.02	43	30	9.14	12	30.48	83	25	7.62	11	27.94
4	30	9.14	10	25.40	44	21	6.40	12	30.48	84	32	9.75	12	30.48
5	30	9.14	13	33.02	45	22	6.71	12	30.48	85	25	7.62	13	33.02
6	25	7.62	13	33.02	46	32	9.75	13	33.02	86	30	9.14	13	33.02
7	20	6.10	9	22.86	47	28	8.53	12	30.48	87	32	9.75	13	33.02
8	20	6.10	11	27.94	48	10	3.05	7	17.78	88	20	6.10	10	25.40
9	25	7.62	13	33.02	49	28	8.53	12	30.48	89	35	10.67	14	35.56
10	25	7.62	14	35.56	50	25	7.62	11	27.94	90	20	6.10	9	22.86
11	20	6.10	9	22.86	51	20	6.10	11	27.94	91	20	6.10	9	22.86
12	25	7.62	12	30.48	52	26	7.92	11	27.94	92	25	7.62	11	27.94
13	20	6.10	8	20.32	53	17	5.18	11	27.94	93	25	7.62	14	35.56
14	30	9.14	13	33.02	54	32	9.75	14	35.56	94	30	9.14	10	25.40
15	30	9.14	12	30.48	55	28	8.53	16	40.64	95	20	6.10	9	22.86
16	20	6.10	9	22.86	56	28	8.53	12	30.48	96	30	9.14	10	25.40
17	20	6.10	9	22.86	57	30	9.14	14	35.56	97	30	9.14	12	30.48
18	20	6.10	12	30.48	58	28	8.53	12	30.48	98	35	10.67	11	27.94
19	25	7.62	12	30.48	59	30	9.14	12	30.48	99	23	7.01	12	30.48
20	20	6.10	12	30.48	60	25	7.62	17	43.18	100	35	10.67	14	35.56
21	15	4.57	8	20.32	61	26	7.92	10	25.40	101	35	10.67	11	27.94
22	20	6.10	13	33.02	62	40	12.19	28	71.12	102	35	10.67	15	38.10
23	20	6.10	11	27.94	63	25	7.62	10	25.40	103	36	10.97	10	25.40
24	20	6.10	11	27.94	64	25	7.62	10	25.40					
25	15	4.57	8	20.32	65	35	10.67	19	48.26					
26	22	6.71	10	25.40	66	35	10.67	11	27.94					
27	20	6.10	12	30.48	67	36	10.97	16	40.64					
28	12	3.66	8	20.32	68	30	9.14	16	40.64					
29	50	15.24	24	60.96	69	35	10.67	14	35.56					
30	25	7.62	11	27.94	70	36	10.97	14	35.56					
31	25	7.62	14	35.56	71	20	6.10	13	33.02					
32	15	4.57	9	22.86	72	20	6.10	9	22.86					
33	15	4.57	11	27.94	73	38	11.58	13	33.02					
34	25	7.62	11	27.94	74	25	7.62	12	30.48					
35	25	7.62	13	33.02	75	25	7.62	10	25.40					
36	28	8.53	13	33.02	76	25	7.62	12	30.48					
37	36	10.97	14	35.56	77	35	10.67	15	38.10					
38	25	7.62	11	27.94	78	30	9.14	12	30.48					
39	22	6.71	10	25.40	79	27	8.23	10	25.40					
40	25	7.62	11	27.94	80	25	7.62	12	30.48					

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.1
2	25	7.62	11	27.9
3	17	5.18	8	20.3
4	25	7.62	13	33.0
5	20	6.10	13	33.0

Albizia lebbeck / (Swet Siris/Siris)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	46	14.02	18	45.72
2	30	9.14	16	40.64

SUTAN

Anogeissus latifolia / (Dhaw)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	20	50.80	41	20	6.10	11	27.94	81	30	9.14	11	27.94
2	20	6.10	9	22.86	42	18	5.49	12	30.48	82	36	10.97	13	33.02
3	30	9.14	13	33.02	43	20	6.10	11	27.94	83	40	12.19	13	33.02
4	20	6.10	15	38.10	44	41	12.50	15	38.10	84	30	9.14	12	30.48
5	45	13.72	19	48.26	45	17	5.18	11	27.94	85	40	12.19	22	55.88
6	20	6.10	9	22.86	46	20	6.10	9	22.86	86	24	7.32	10	25.40
7	25	7.62	21	53.34	47	13	3.96	9	22.86	87	25	7.62	12	30.48
8	20	6.10	9	22.86	48	26	7.92	13	33.02	88	30	9.14	12	30.48
9	22	6.71	9	22.86	49	20	6.10	9	22.86	89	25	7.62	11	27.94
10	35	10.67	14	35.56	50	30	9.14	13	33.02	90	30	9.14	16	40.64
11	20	6.10	9	22.86	51	17	5.18	11	27.94	91	25	7.62	13	33.02
12	20	6.10	10	25.40	52	18	5.49	11	27.94	92	30	9.14	10	25.40
13	25	7.62	14	35.56	53	15	4.57	9	22.86	93	30	9.14	11	27.94
14	20	6.10	14	35.56	54	35	10.67	13	33.02	94	35	10.67	13	33.02
15	25	7.62	10	25.40	55	38	11.58	14	35.56	95	25	7.62	10	25.40
16	30	9.14	12	30.48	56	15	4.57	9	22.86	96	35	10.67	18	45.72
17	35	10.67	14	35.56	57	24	7.32	14	35.56	97	30	9.14	13	33.02
18	18	5.49	9	22.86	58	30	9.14	15	38.10	98	30	9.14	10	25.40
19	22	6.71	10	25.40	59	35	10.67	17	43.18	99	35	10.67	11	27.94
20	22	6.71	10	25.40	60	40	12.19	19	48.26	100	40	12.19	17	43.18
21	20	6.10	11	27.94	61	38	11.58	13	33.02					
22	38	11.58	12	30.48	62	36	10.97	10	25.40					
23	25	7.62	11	27.94	63	38	11.58	12	30.48	*Holarrhena antidysenterica* / (Kurchi)				
24	22	6.71	9	22.86	64	25	7.62	10	25.40					
25	20	6.10	10	25.40	65	34	10.36	17	43.18	SL. NO.	Height		Girth	
26	12	3.66	11	27.94	66	20	6.10	9	22.86		ft	m	inch	cm
27	20	6.10	10	25.40	67	30	9.14	12	30.48	1	15	4.57	9	22.86
28	28	8.53	11	27.94	68	35	10.67	14	35.56	2	20	6.10	9	22.86
29	32	9.75	12	30.48	69	36	10.97	17	43.18	3	25	7.62	11	27.94
30	26	7.92	11	27.94	70	35	10.67	13	33.02	4	25	7.62	10	25.40
31	32	9.75	12	30.48	71	20	6.10	10	25.40	5	20	6.10	9	22.86
32	18	5.49	11	27.94	72	30	9.14	11	27.94	6	24	7.32	10	25.40
33	40	12.19	15	38.10	73	20	6.10	9	22.86					
34	38	11.58	12	30.48	74	25	7.62	10	25.40					
35	30	9.14	11	27.94	75	25	7.62	9	22.86					
36	28	8.53	13	33.02	76	25	7.62	12	30.48	*Phyllanthus emblica* / (Amloki)				
37	35	10.67	13	33.02	77	35	10.67	13	33.02	SL. NO.	Height		Girth	
38	30	9.14	13	33.02	78	25	7.62	9	22.86		ft	m	inch	cm
39	25	7.62	12	30.48	79	35	10.67	18	45.72	1	18	5.49	11	27.94
40	36	10.97	11	27.94	80	35	10.67	15	38.10	2	35	10.67	10	25.40

SUTAN

Madhuca latifolia / (Mahua)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	25	7.62	22	55.88	41	28	8.53	11	27.94	81	25	7.62	10	25.40
2	25	7.62	9	22.86	42	21	6.40	11	27.94	82	25	7.62	11	27.94
3	25	7.62	12	30.48	43	18	5.49	9	22.86	83	35	10.67	12	30.48
4	30	9.14	13	33.02	44	20	6.10	9	22.86	84	40	12.19	13	33.02
5	25	7.62	10	25.40	45	30	9.14	12	30.48	85	25	7.62	10	25.40
6	55	16.76	40	101.60	46	18	5.49	10	25.40	86	30	9.14	14	35.56
7	20	6.10	11	27.94	47	35	10.67	14	35.56	87	45	13.72	48	121.92
8	20	6.10	9	22.86	48	22	6.71	16	40.64	88	29	8.84	20	50.80
9	30	9.14	9	22.86	49	18	5.49	11	27.94	89	25	7.62	9	22.86
10	25	7.62	14	35.56	50	40	12.19	22	55.88	90	30	9.14	14	35.56
11	25	7.62	17	43.18	51	40	12.19	17	43.18	91	20	6.10	10	25.40
12	20	6.10	9	22.86	52	35	10.67	17	43.18	92	35	10.67	17	43.18
13	20	6.10	9	22.86	53	30	9.14	11	27.94	93	30	9.14	19	48.26
14	10	3.05	7	17.78	54	20	6.10	9	22.86	94	32	9.75	11	27.94
15	15	4.57	8	20.32	55	40	12.19	28	71.12	95	35	10.67	12	30.48
16	20	6.10	12	30.48	56	35	10.67	22	55.88	96	30	9.14	11	27.94
17	25	7.62	16	40.64	57	35	10.67	18	45.72	97	40	12.19	11	27.94
18	35	10.67	20	50.80	58	45	13.72	27	68.58	98	35	10.67	12	30.48
19	30	9.14	14	35.56	59	35	10.67	21	53.34	99	25	7.62	10	25.40
20	28	8.53	15	38.10	60	36	10.97	20	50.80	100	42	12.80	16	40.64
21	32	9.75	16	40.64	61	26	7.92	10	25.40	101	31	9.45	14	35.56
22	30	9.14	13	33.02	62	28	8.53	16	40.64	102	30	9.14	10	25.40
23	31	9.45	13	33.02	63	25	7.62	10	25.40	103	32	9.75	10	25.40
24	28	8.53	11	27.94	64	25	7.62	9	22.86	104	25	7.62	9	22.86
25	28	8.53	13	33.02	65	35	10.67	13	33.02	105	32	9.75	15	38.10
26	50	15.24	28	71.12	66	26	7.92	10	25.40	106	25	7.62	14	35.56
27	35	10.67	16	40.64	67	30	9.14	11	27.94	107	25	7.62	11	27.94
28	40	12.19	15	38.10	68	30	9.14	12	30.48	108	20	6.10	13	33.02
29	45	13.72	16	40.64	69	25	7.62	11	27.94	109	26	7.92	13	33.02
30	48	14.63	22	55.88	70	35	10.67	14	35.56	110	35	10.67	13	33.02
31	25	7.62	13	33.02	71	35	10.67	13	33.02	111	30	9.14	10	25.40
32	20	6.10	10	25.40	72	35	10.67	15	38.10	112	25	7.62	10	25.40
33	20	6.10	10	25.40	73	35	10.67	17	43.18	113	28	8.53	10	25.40
34	17	5.18	10	25.40	74	31	9.45	11	27.94	114	46	14.02	19	48.26
35	18	5.49	11	27.94	75	25	7.62	10	25.40	115	40	12.19	22	55.88
36	35	10.67	14	35.56	76	35	10.67	12	30.48	116	35	10.67	13	33.02
37	42	12.80	20	50.80	77	26	7.92	10	25.40	117	40	12.19	21	53.34
38	34	10.36	15	38.10	78	25	7.62	10	25.40	118	46	14.02	21	53.34
39	25	7.62	11	27.94	79	36	10.97	13	33.02	119	25	7.62	10	25.40
40	35	10.67	13	33.02	80	35	10.67	14	35.56	120	45	13.72	34	86.36

SUTAN

Madhuca latifolia/ (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
121	25	7.62	9	22.86

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	20	6.10	12	30.48
3	25	7.62	15	38.10
4	20	6.10	14	35.56
5	20	6.10	12	30.48
6	32	9.75	16	40.64
7	22	6.71	11	27.94
8	27	8.23	12	30.48
9	17	5.18	8	20.32
10	22	6.71	11	27.94
11	20	6.10	9	22.86
12	25	7.62	11	27.94
13	35	10.67	13	33.02
14	23	7.01	10	25.40
15	28	8.53	11	27.94
16	18	5.49	9	22.86
17	18	5.49	8	20.32
18	35	10.67	31	78.74
19	36	10.97	18	45.72
20	40	12.19	21	53.34
21	26	7.92	11	27.94
22	25	7.62	9	22.86
23	27	8.23	9	22.86
24	25	7.62	11	27.94
25	20	6.10	9	22.86
26	22	6.71	9	22.86
27	30	9.14	10	25.40

Dalbargia latifolia / (Sweti Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94

Semecarpas anacardium / (Vella)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	15	4.57	8	20.32	41	35	10.67	14	35.56					
2	28	8.53	16	40.64	42	45	13.72	30	76.20					
3	23	7.01	10	25.40	43	30	9.14	10	25.40					
4	25	7.62	10	25.40	44	31	9.45	12	30.48					
5	20	6.10	18	45.72	45	25	7.62	10	25.40					
6	35	10.67	30	76.20										
7	35	10.67	13	33.02										
8	22	6.71	9	22.86										
9	25	7.62	14	35.56										
10	25	7.62	12	30.48										
11	30	9.14	14	35.56										
12	40	12.19	16	40.64										
13	35	10.67	14	35.56										
14	30	9.14	13	33.02										
15	32	9.75	17	43.18										
16	22	6.71	10	25.40										
17	34	10.36	13	33.02										
18	32	9.75	21	53.34										
19	40	12.19	20	50.80										
20	20	6.10	9	22.86										
21	25	7.62	11	27.94										
22	45	13.72	16	40.64										
23	17	5.18	9	22.86										
24	20	6.10	8	20.32										
25	20	6.10	8	20.32										
26	22	6.71	10	25.40										
27	35	10.67	15	38.10										
28	17	5.18	9	22.86										
29	32	9.75	14	35.56										
30	50	15.24	28	71.12										
31	26	7.92	13	33.02										
32	35	10.67	16	40.64										
33	32	9.75	16	40.64										
34	30	9.14	14	35.56										
35	26	7.92	10	25.40										
36	25	7.62	13	33.02										
37	30	9.14	10	25.40										
38	35	10.67	14	35.56										
39	35	10.67	15	38.10										
40	25	7.62	11	27.94										

Lannea coromandelica /				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	35	10.67	16	40.64
3	25	7.62	9	22.86
4	30	9.14	10	25.40
5	25	7.62	10	25.40

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	8	20.32
2	40	12.19	38	96.52
3	10	3.05	8	20.32
4	12	3.66	9	22.86
5	12	3.66	8	20.32
6	17	5.18	8	20.32
7	15	4.57	8	20.32
8	13	3.96	7	17.78
9	25	7.62	10	25.40
10	20	6.10	9	22.86

SUTAN

Terminalia tomentosa / (Ason)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	14	35.56	41	35	10.67	13	33.02	81	30	9.14	12	30.48
2	25	7.62	12	30.48	42	22	6.71	10	25.40	82	30	9.14	10	25.40
3	40	12.19	20	50.80	43	36	10.97	12	30.48	83	27	8.23	10	25.40
4	30	9.14	14	35.56	44	18	5.49	9	22.86	84	30	9.14	11	27.94
5	35	10.67	16	40.64	45	32	9.75	13	33.02	85	30	9.14	9	22.86
6	15	4.57	9	22.86	46	15	4.57	9	22.86	86	37	11.28	13	33.02
7	25	7.62	10	25.40	47	26	7.92	10	25.40	87	25	7.62	9	22.86
8	25	7.62	12	30.48	48	20	6.10	11	27.94	88	27	8.23	9	22.86
9	20	6.10	9	22.86	49	20	6.10	9	22.86	89	30	9.14	11	27.94
10	23	7.01	9	22.86	50	10	3.05	10	25.40	90	32	9.75	11	27.94
11	20	6.10	10	25.40	51	20	6.10	9	22.86	91	20	6.10	9	22.86
12	20	6.10	9	22.86	52	32	9.75	13	33.02	92	21	6.40	9	22.86
13	20	6.10	8	20.32	53	20	6.10	9	22.86	93	30	9.14	12	30.48
14	12	3.66	8	20.32	54	15	4.57	12	30.48	94	30	9.14	10	25.40
15	20	6.10	9	22.86	55	25	7.62	14	35.56	95	20	6.10	9	22.86
16	30	9.14	18	45.72	56	15	4.57	12	30.48	96	30	9.14	9	22.86
17	20	6.10	8	20.32	57	28	8.53	11	27.94	97	25	7.62	9	22.86
18	17	5.18	9	22.86	58	28	8.53	11	27.94	98	30	9.14	10	25.40
19	15	4.57	8	20.32	59	30	9.14	12	30.48	99	31	9.45	10	25.40
20	15	4.57	8	20.32	60	32	9.75	16	40.64	100	30	9.14	10	25.40
21	28	8.53	12	30.48	61	40	12.19	16	40.64	101	32	9.75	11	27.94
22	35	10.67	14	35.56	62	30	9.14	13	33.02	102	30	9.14	9	22.86
23	20	6.10	9	22.86	63	37	11.28	15	38.10	103	30	9.14	10	25.40
24	20	6.10	11	27.94	64	30	9.14	22	55.88	104	35	10.67	17	43.18
25	16	4.88	9	22.86	65	30	9.14	11	27.94	105	36	10.97	14	35.56
26	26	7.92	11	27.94	66	35	10.67	14	35.56	106	30	9.14	10	25.40
27	17	5.18	9	22.86	67	30	9.14	11	27.94	107	25	7.62	16	40.64
28	28	8.53	11	27.94	68	31	9.45	13	33.02	108	25	7.62	10	25.40
29	17	5.18	9	22.86	69	35	10.67	12	30.48	109	35	10.67	12	30.48
30	20	6.10	10	25.40	70	37	11.28	12	30.48	110	35	10.67	10	25.40
31	22	6.71	10	25.40	71	35	10.67	15	38.10	111	40	12.19	18	45.72
32	25	7.62	12	30.48	72	26	7.92	9	22.86	112	35	10.67	17	43.18
33	40	12.19	14	35.56	73	25	7.62	9	22.86	113	25	7.62	10	25.40
34	25	7.62	11	27.94	74	30	9.14	10	25.40	114	20	6.10	13	33.02
35	55	16.76	18	45.72	75	23	7.01	11	27.94	115	30	9.14	10	25.40
36	30	9.14	14	35.56	76	24	7.32	11	27.94	116	20	6.10	9	22.86
37	35	10.67	17	43.18	77	36	10.97	19	48.26	117	22	6.71	9	22.86
38	36	10.97	12	30.48	78	25	7.62	10	25.40	118	40	12.19	15	38.10
39	50	15.24	20	50.80	79	26	7.92	10	25.40	119	35	10.67	17	43.18
40	32	9.75	12	30.48	80	30	9.14	9	22.86					

SUTAN

Cleistanthus collinus / (Parasi)										*Soymida febrifuga* / (Rahora)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	12	3.66	10	25.40	41	13	3.96	8	20.32	1	20	6.10	8	20.32
2	15	4.57	10	25.40	42	14	4.27	9	22.86	2	20	6.10	8	20.32
3	15	4.57	9	22.86	43	20	6.10	11	27.94	3	10	3.05	8	20.32
4	15	4.57	9	22.86	44	20	6.10	10	25.40	4	16	4.88	10	25.40
5	20	6.10	9	22.86	45	17	5.18	10	25.40	5	15	4.57	11	27.94
6	12	3.66	10	25.40	46	26	7.92	12	30.48	6	17	5.18	9	22.86
7	18	5.49	12	30.48	47	22	6.71	11	27.94	7	28	8.53	11	27.94
8	12	3.66	8	20.32	48	25	7.62	12	30.48	8	16	4.88	12	30.48
9	14	4.27	10	25.40	49	16	4.88	11	27.94	9	21	6.40	11	27.94
10	14	4.27	9	22.86	50	36	10.97	13	33.02	10	14	4.27	11	27.94
11	15	4.57	12	30.48	51	28	8.53	12	30.48	11	24	7.32	11	27.94
12	18	5.49	11	27.94	52	45	13.72	19	48.26	12	20	6.10	9	22.86
13	15	4.57	10	25.40	53	30	9.14	12	30.48	13	35	10.67	17	43.18
14	19	5.79	10	25.40	54	30	9.14	11	27.94	14	25	7.62	15	38.10
15	25	7.62	12	30.48	55	28	8.53	11	27.94	15	25	7.62	10	25.40
16	20	6.10	11	27.94	56	32	9.75	13	33.02	16	30	9.14	11	27.94
17	22	6.71	11	27.94	57	25	7.62	10	25.40	17	28	8.53	10	25.40
18	10	3.05	9	22.86	58	26	7.92	10	25.40	18	40	12.19	16	40.64
19	18	5.49	9	22.86	59	25	7.62	11	27.94	19	30	9.14	13	33.02
20	14	4.27	9	22.86	60	30	9.14	12	30.48	20	50	15.24	18	45.72
21	18	5.49	10	25.40						21	30	9.14	15	38.10
22	18	5.49	10	25.40										
23	25	7.62	11	27.94										
24	18	5.49	11	27.94	*Terminalia bellirica* / (Bohera)					*Morinda citrifolia* / (Auch/Noni)				
25	17	5.18	9	22.86		Height		Girth		SL. NO.	Height		Girth	
26	15	4.57	8	20.32	SL.	ft	m	inch	cm		ft	m	inch	cm
27	14	4.27	10	25.40	1	20	6.10	9	22.86	1	17	5.18	11	27.94
28	15	4.57	9	22.86	2	36	10.97	13	33.02	2	14	4.27	10	25.40
29	20	6.10	13	33.02	3	37	11.28	11	27.94	3	14	4.27	9	22.86
30	14	4.27	9	22.86	4	20	6.10	9	22.86	4	15	4.57	11	27.94
31	20	6.10	9	22.86	5	37	11.28	15	38.10	5	18	5.49	12	30.48
32	17	5.18	10	25.40	6	25	7.62	10	25.40	6	15	4.57	11	27.94
33	20	6.10	9	22.86	7	30	9.14	10	25.40	7	14	4.27	11	27.94
34	16	4.88	12	30.48						8	20	6.10	16	40.64
35	17	5.18	11	27.94						9	16	4.88	9	22.86
36	14	4.27	9	22.86						10	15	4.57	7	17.78
37	13	3.96	9	22.86						11	18	5.49	12	30.48
38	12	3.66	8	20.32						12	13	3.96	10	25.40
39	16	4.88	10	25.40						13	17	5.18	10	25.40
40	18	5.49	11	27.94						14	14	4.27	11	27.94
										15	13	3.96	9	22.86
										16	20	6.10	12	30.48
										17	18	5.49	10	25.40
										18	13	3.96	11	27.94
										19	30	9.14	12	30.48
										20	15	4.57	15	38.10

SUTAN

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Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	9	22.86	41	40	12.19	24	60.96	81	60	18.29	20	50.80
2	40	12.19	15	38.10	42	35	10.67	14	35.56	82	30	9.14	12	30.48
3	35	10.67	13	33.02	43	45	13.72	19	48.26	83	25	7.62	12	30.48
4	40	12.19	25	63.50	44	20	6.10	12	30.48	84	26	7.92	11	27.94
5	22	6.71	10	25.40	45	50	15.24	15	38.10	85	25	7.62	12	30.48
6	42	12.80	16	40.64	46	40	12.19	12	30.48	86	50	15.24	21	53.34
7	40	12.19	15	38.10	47	25	7.62	10	25.40	87	21	6.40	11	27.94
8	38	11.58	18	45.72	48	30	9.14	16	40.64	88	35	10.67	13	33.02
9	25	7.62	18	45.72	49	52	15.85	17	43.18	89	25	7.62	14	35.56
10	30	9.14	11	27.94	50	60	18.29	21	53.34	90	55	16.76	25	63.50
11	25	7.62	10	25.40	51	62	18.90	34	86.36	91	30	9.14	13	33.02
12	50	15.24	18	45.72	52	35	10.67	17	43.18	92	35	10.67	21	53.34
13	39	11.89	13	33.02	53	30	9.14	13	33.02	93	30	9.14	13	33.02
14	42	12.80	16	40.64	54	50	15.24	16	40.64	94	45	13.72	19	48.26
15	40	12.19	29	73.66	55	40	12.19	18	45.72	95	20	6.10	11	27.94
16	40	12.19	12	30.48	56	25	7.62	17	43.18	96	50	15.24	24	60.96
17	25	7.62	11	27.94	57	20	6.10	15	38.10	97	35	10.67	13	33.02
18	30	9.14	13	33.02	58	35	10.67	17	43.18	98	25	7.62	13	33.02
19	45	13.72	16	40.64	59	40	12.19	18	45.72	99	50	15.24	25	63.50
20	40	12.19	14	35.56	60	30	9.14	12	30.48	100	28	8.53	21	53.34
21	40	12.19	17	43.18	61	45	13.72	20	50.80	101	40	12.19	16	40.64
22	45	13.72	14	35.56	62	42	12.80	12	30.48	102	38	11.58	14	35.56
23	35	10.67	13	33.02	63	50	15.24	17	43.18	103	30	9.14	14	35.56
24	25	7.62	28	71.12	64	45	13.72	20	50.80	104	28	8.53	9	22.86
25	22	6.71	11	27.94	65	30	9.14	13	33.02	105	62	18.90	16	40.64
26	25	7.62	20	50.80	66	30	9.14	13	33.02	106	35	10.67	14	35.56
27	40	12.19	12	30.48	67	35	10.67	17	43.18	107	28	8.53	13	33.02
28	25	7.62	12	30.48	68	25	7.62	11	27.94	108	30	9.14	15	38.10
29	45	13.72	18	45.72	69	45	13.72	21	53.34	109	45	13.72	17	43.18
30	20	6.10	12	30.48	70	35	10.67	17	43.18	110	50	15.24	19	48.26
31	25	7.62	19	48.26	71	25	7.62	16	40.64	111	45	13.72	22	55.88
32	30	9.14	10	25.40	72	42	12.80	14	35.56	112	40	12.19	16	40.64
33	25	7.62	10	25.40	73	60	18.29	21	53.34	113	35	10.67	18	45.72
34	35	10.67	13	33.02	74	48	14.63	14	35.56	114	25	7.62	16	40.64
35	30	9.14	11	27.94	75	40	12.19	15	38.10	115	30	9.14	11	27.94
36	25	7.62	16	40.64	76	30	9.14	12	30.48	116	39	11.89	16	40.64
37	40	12.19	27	68.58	77	35	10.67	17	43.18	117	35	10.67	14	35.56
38	30	9.14	12	30.48	78	55	16.76	18	45.72	118	20	6.10	10	25.40
39	30	9.14	12	30.48	79	30	9.14	12	30.48	119	26	7.92	15	38.10
40	25	7.62	11	27.94	80	40	12.19	24	60.96	120	50	15.24	24	60.96

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	25	7.62	16	40.64	161	30	9.14	12	30.48	201	35	10.67	16	40.64
122	30	9.14	14	35.56	162	28	8.53	10	25.40	202	45	13.72	23	58.42
123	50	15.24	19	48.26	163	30	9.14	12	30.48	203	35	10.67	12	30.48
124	20	6.10	8	20.32	164	20	6.10	12	30.48	204	35	10.67	19	48.26
125	32	9.75	22	55.88	165	30	9.14	12	30.48	205	45	13.72	26	66.04
126	55	16.76	18	45.72	166	25	7.62	15	38.10	206	35	10.67	14	35.56
127	60	18.29	21	53.34	167	50	15.24	24	60.96	207	40	12.19	18	45.72
128	50	15.24	30	76.20	168	25	7.62	18	45.72	208	30	9.14	12	30.48
129	60	18.29	30	76.20	169	30	9.14	16	40.64	209	25	7.62	10	25.40
130	35	10.67	17	43.18	170	40	12.19	21	53.34	210	32	9.75	13	33.02
131	50	15.24	24	60.96	171	30	9.14	10	25.40	211	30	9.14	12	30.48
132	25	7.62	13	33.02	172	25	7.62	12	30.48	212	30	9.14	12	30.48
133	22	6.71	14	35.56	173	30	9.14	13	33.02	213	55	16.76	35	88.90
134	52	15.85	19	48.26	174	32	9.75	13	33.02	214	35	10.67	13	33.02
135	35	10.67	12	30.48	175	40	12.19	18	45.72	215	25	7.62	13	33.02
136	30	9.14	10	25.40	176	45	13.72	23	58.42	216	22	6.71	10	25.40
137	40	12.19	14	35.56	177	25	7.62	14	35.56	217	30	9.14	12	30.48
138	28	8.53	15	38.10	178	35	10.67	19	48.26	218	30	9.14	14	35.56
139	30	9.14	13	33.02	179	22	6.71	10	25.40	219	62	18.90	28	71.12
140	45	13.72	19	48.26	180	25	7.62	10	25.40	220	30	9.14	16	40.64
141	30	9.14	10	25.40	181	30	9.14	15	38.10	221	32	9.75	15	38.10
142	30	9.14	12	30.48	182	25	7.62	9	22.86	222	40	12.19	18	45.72
143	20	6.10	8	20.32	183	30	9.14	9	22.86	223	30	9.14	13	33.02
144	20	6.10	12	30.48	184	35	10.67	15	38.10	224	35	10.67	14	35.56
145	55	16.76	24	60.96	185	45	13.72	20	50.80	225	50	15.24	20	50.80
146	55	16.76	20	50.80	186	30	9.14	18	45.72	226	40	12.19	23	58.42
147	25	7.62	22	55.88	187	35	10.67	17	43.18	227	30	9.14	11	27.94
148	50	15.24	16	40.64	188	50	15.24	23	58.42	228	60	18.29	28	71.12
149	30	9.14	15	38.10	189	45	13.72	22	55.88	229	50	15.24	17	43.18
150	40	12.19	25	63.50	190	30	9.14	12	30.48	230	50	15.24	24	60.96
151	25	7.62	10	25.40	191	35	10.67	13	33.02	231	21	6.40	9	22.86
152	60	18.29	25	63.50	192	30	9.14	10	25.40	232	30	9.14	13	33.02
153	35	10.67	19	48.26	193	55	16.76	20	50.80	233	30	9.14	12	30.48
154	55	16.76	32	81.28	194	35	10.67	18	45.72	234	25	7.62	11	27.94
155	45	13.72	18	45.72	195	40	12.19	19	48.26	235	30	9.14	11	27.94
156	40	12.19	21	53.34	196	55	16.76	30	76.20	236	35	10.67	13	33.02
157	20	6.10	9	22.86	197	45	13.72	23	58.42	237	40	12.19	12	30.48
158	35	10.67	19	48.26	198	30	9.14	15	38.10	238	30	9.14	17	43.18
159	65	19.81	34	86.36	199	25	7.62	9	22.86	239	35	10.67	11	27.94
160	40	12.19	18	45.72	200	32	9.75	15	38.10	240	25	7.62	11	27.94

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	37	11.28	14	35.56	281	25	7.62	11	27.94	321	35	10.67	16	40.64
242	35	10.67	12	30.48	282	35	10.67	13	33.02	322	45	13.72	21	53.34
243	45	13.72	16	40.64	283	18	5.49	10	25.40	323	35	10.67	17	43.18
244	30	9.14	17	43.18	284	25	7.62	11	27.94	324	45	13.72	20	50.80
245	35	10.67	12	30.48	285	30	9.14	12	30.48	325	25	7.62	12	30.48
246	50	15.24	16	40.64	286	30	9.14	13	33.02	326	40	12.19	22	55.88
247	35	10.67	20	50.80	287	47	14.33	15	38.10	327	50	15.24	20	50.80
248	22	6.71	12	30.48	288	28	8.53	11	27.94	328	30	9.14	12	30.48
249	32	9.75	12	30.48	289	40	12.19	14	35.56	329	30	9.14	14	35.56
250	22	6.71	11	27.94	290	35	10.67	12	30.48	330	35	10.67	14	35.56
251	45	13.72	14	35.56	291	42	12.80	14	35.56	331	35	10.67	20	50.80
252	25	7.62	9	22.86	292	35	10.67	11	27.94	332	48	14.63	19	48.26
253	30	9.14	9	22.86	293	48	14.63	14	35.56	333	40	12.19	20	50.80
254	25	7.62	11	27.94	294	50	15.24	14	35.56	334	30	9.14	11	27.94
255	20	6.10	13	33.02	295	22	6.71	10	25.40	335	25	7.62	11	27.94
256	40	12.19	24	60.96	296	45	13.72	14	35.56	336	32	9.75	14	35.56
257	25	7.62	10	25.40	297	35	10.67	17	43.18	337	35	10.67	13	33.02
258	35	10.67	12	30.48	298	40	12.19	29	73.66	338	45	13.72	20	50.80
259	45	13.72	16	40.64	299	35	10.67	17	43.18	339	25	7.62	13	33.02
260	30	9.14	13	33.02	300	30	9.14	18	45.72	340	30	9.14	12	30.48
261	25	7.62	10	25.40	301	28	8.53	12	30.48	341	30	9.14	17	43.18
262	30	9.14	18	45.72	302	25	7.62	10	25.40	342	28	8.53	16	40.64
263	38	11.58	14	35.56	303	35	10.67	14	35.56	343	40	12.19	19	48.26
264	30	9.14	13	33.02	304	25	7.62	12	30.48	344	35	10.67	13	33.02
265	40	12.19	19	48.26	305	25	7.62	9	22.86	345	35	10.67	17	43.18
266	30	9.14	13	33.02	306	30	9.14	12	30.48	346	30	9.14	12	30.48
267	25	7.62	11	27.94	307	30	9.14	12	30.48	347	35	10.67	17	43.18
268	22	6.71	10	25.40	308	40	12.19	22	55.88	348	30	9.14	13	33.02
269	25	7.62	11	27.94	309	25	7.62	13	33.02	349	30	9.14	12	30.48
270	22	6.71	10	25.40	310	45	13.72	26	66.04	350	35	10.67	15	38.10
271	50	15.24	14	35.56	311	25	7.62	13	33.02	351	35	10.67	17	43.18
272	45	13.72	19	48.26	312	32	9.75	18	45.72	352	30	9.14	14	35.56
273	30	9.14	20	50.80	313	50	15.24	20	50.80	353	40	12.19	18	45.72
274	35	10.67	14	35.56	314	35	10.67	15	38.10	354	22	6.71	10	25.40
275	45	13.72	14	35.56	315	40	12.19	18	45.72	355	30	9.14	10	25.40
276	30	9.14	11	27.94	316	25	7.62	13	33.02	356	30	9.14	14	35.56
277	35	10.67	17	43.18	317	35	10.67	13	33.02	357	50	15.24	20	50.80
278	18	5.49	10	25.40	318	45	13.72	24	60.96	358	40	12.19	14	35.56
279	36	10.97	13	33.02	319	35	10.67	14	35.56	359	50	15.24	24	60.96
280	55	16.76	24	60.96	320	30	9.14	11	27.94	360	60	18.29	24	60.96

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	35	10.67	16	40.64	401	35	10.67	15	38.10	441	35	10.67	14	35.56
362	25	7.62	11	27.94	402	30	9.14	12	30.48	442	30	9.14	10	25.40
363	15	4.57	6	15.24	403	30	9.14	11	27.94	443	40	12.19	19	48.26
364	35	10.67	22	55.88	404	41	12.50	18	45.72	444	30	9.14	11	27.94
365	30	9.14	14	35.56	405	50	15.24	23	58.42	445	32	9.75	11	27.94
366	45	13.72	20	50.80	406	52	15.85	29	73.66	446	40	12.19	13	33.02
367	30	9.14	12	30.48	407	56	17.07	29	73.66	447	35	10.67	15	38.10
368	30	9.14	11	27.94	408	30	9.14	11	27.94	448	30	9.14	19	48.26
369	35	10.67	16	40.64	409	45	13.72	20	50.80	449	30	9.14	11	27.94
370	32	9.75	12	30.48	410	35	10.67	16	40.64	450	46	14.02	13	33.02
371	35	10.67	15	38.10	411	30	9.14	12	30.48	451	50	15.24	19	48.26
372	38	11.58	12	30.48	412	35	10.67	14	35.56	452	56	17.07	21	53.34
373	35	10.67	13	33.02	413	30	9.14	13	33.02	453	35	10.67	15	38.10
374	40	12.19	17	43.18	414	40	12.19	16	40.64	454	40	12.19	17	43.18
375	40	12.19	18	45.72	415	51	15.54	22	55.88	455	42	12.80	19	48.26
376	30	9.14	10	25.40	416	35	10.67	16	40.64	456	36	10.97	15	38.10
377	40	12.19	29	73.66	417	51	15.54	24	60.96	457	35	10.67	13	33.02
378	35	10.67	15	38.10	418	60	18.29	29	73.66	458	46	14.02	19	48.26
379	25	7.62	12	30.48	419	45	13.72	24	60.96	459	31	9.45	13	33.02
380	30	9.14	18	45.72	420	40	12.19	16	40.64	460	20	6.10	10	25.40
381	31	9.45	13	33.02	421	45	13.72	18	45.72	461	40	12.19	15	38.10
382	35	10.67	13	33.02	422	35	10.67	21	53.34	462	32	9.75	11	27.94
383	26	7.92	11	27.94	423	30	9.14	13	33.02	463	40	12.19	17	43.18
384	40	12.19	17	43.18	424	45	13.72	20	50.80	464	25	7.62	10	25.40
385	48	14.63	30	76.20	425	30	9.14	11	27.94	465	42	12.80	21	53.34
386	41	12.50	32	81.28	426	45	13.72	17	43.18	466	40	12.19	14	35.56
387	35	10.67	13	33.02	427	45	13.72	20	50.80	467	45	13.72	23	58.42
388	25	7.62	11	27.94	428	37	11.28	16	40.64	468	30	9.14	10	25.40
389	37	11.28	15	38.10	429	45	13.72	21	53.34	469	40	12.19	22	55.88
390	45	13.72	18	45.72	430	30	9.14	12	30.48	470	30	9.14	12	30.48
391	45	13.72	23	58.42	431	47	14.33	26	66.04	471	41	12.50	22	55.88
392	30	9.14	14	35.56	432	35	10.67	15	38.10	472	35	10.67	17	43.18
393	40	12.19	18	45.72	433	45	13.72	20	50.80	473	35	10.67	18	45.72
394	42	12.80	18	45.72	434	36	10.97	16	40.64	474	52	15.85	21	53.34
395	30	9.14	12	30.48	435	47	14.33	19	48.26	475	45	13.72	20	50.80
396	30	9.14	10	25.40	436	30	9.14	18	45.72	476	30	9.14	12	30.48
397	40	12.19	15	38.10	437	25	7.62	10	25.40	477	42	12.80	13	33.02
398	45	13.72	17	43.18	438	45	13.72	15	38.10	478	55	16.76	27	68.58
399	25	7.62	10	25.40	439	40	12.19	22	55.88	479	50	15.24	22	55.88
400	50	15.24	23	58.42	440	30	9.14	12	30.48	480	30	9.14	10	25.40

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	55	16.76	21	53.34	521	40	12.19	17	43.18	561	45	13.72	19	48.26
482	40	12.19	19	48.26	522	25	7.62	17	43.18	562	45	13.72	25	63.50
483	40	12.19	18	45.72	523	25	7.62	10	25.40	563	32	9.75	12	30.48
484	55	16.76	29	73.66	524	30	9.14	14	35.56	564	25	7.62	10	25.40
485	58	17.68	29	73.66	525	36	10.97	15	38.10	565	25	7.62	9	22.86
486	41	12.50	17	43.18	526	45	13.72	23	58.42	566	46	14.02	18	45.72
487	25	7.62	17	43.18	527	36	10.97	15	38.10	567	45	13.72	15	38.10
488	35	10.67	17	43.18	528	35	10.67	16	40.64	568	25	7.62	10	25.40
489	47	14.33	25	63.50	529	41	12.50	14	35.56	569	30	9.14	10	25.40
490	30	9.14	10	25.40	530	35	10.67	16	40.64	570	26	7.92	10	25.40
491	45	13.72	23	58.42	531	37	11.28	16	40.64	571	40	12.19	16	40.64
492	33	10.06	12	30.48	532	45	13.72	24	60.96	572	35	10.67	16	40.64
493	20	6.10	10	25.40	533	40	12.19	19	48.26	573	35	10.67	11	27.94
494	40	12.19	18	45.72	534	36	10.97	13	33.02	574	38	11.58	16	40.64
495	46	14.02	19	48.26	535	51	15.54	26	66.04	575	35	10.67	19	48.26
496	25	7.62	11	27.94	536	40	12.19	15	38.10	576	40	12.19	20	50.80
497	47	14.33	21	53.34	537	35	10.67	15	38.10	577	35	10.67	16	40.64
498	41	12.50	30	76.20	538	36	10.97	20	50.80	578	40	12.19	17	43.18
499	37	11.28	15	38.10	539	40	12.19	18	45.72	579	25	7.62	9	22.86
500	25	7.62	17	43.18	540	42	12.80	19	48.26	580	40	12.19	16	40.64
501	35	10.67	17	43.18	541	35	10.67	16	40.64	581	35	10.67	15	38.10
502	40	12.19	19	48.26	542	45	13.72	20	50.80	582	40	12.19	20	50.80
503	25	7.62	8	20.32	543	21	6.40	10	25.40	583	42	12.80	22	55.88
504	30	9.14	12	30.48	544	50	15.24	27	68.58	584	36	10.97	15	38.10
505	25	7.62	11	27.94	545	30	9.14	11	27.94	585	30	9.14	12	30.48
506	40	12.19	22	55.88	546	35	10.67	13	33.02	586	35	10.67	16	40.64
507	30	9.14	16	40.64	547	41	12.50	18	45.72	587	25	7.62	13	33.02
508	30	9.14	11	27.94	548	35	10.67	18	45.72	588	30	9.14	11	27.94
509	35	10.67	23	58.42	549	35	10.67	13	33.02	589	35	10.67	15	38.10
510	36	10.97	16	40.64	550	37	11.28	18	45.72	590	25	7.62	11	27.94
511	30	9.14	17	43.18	551	35	10.67	19	48.26	591	40	12.19	14	35.56
512	30	9.14	15	38.10	552	30	9.14	21	53.34	592	35	10.67	13	33.02
513	36	10.97	19	48.26	553	50	15.24	26	66.04					
514	45	13.72	19	48.26	554	36	10.97	11	27.94					
515	37	11.28	15	38.10	555	35	10.67	16	40.64					
516	45	13.72	16	40.64	556	25	7.62	19	48.26					
517	35	10.67	13	33.02	557	55	16.76	27	68.58					
518	30	9.14	9	22.86	558	40	12.19	17	43.18					
519	35	10.67	20	50.80	559	46	14.02	21	53.34					
520	25	7.62	15	38.10	560	35	10.67	14	35.56					

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	6	1.83	10	25.40
2	30	9.14	13	33.02

SUTAN

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	13	33.02	41	25	7.62	11	27.94	81	25	7.62	11	27.94
2	30	9.14	15	38.10	42	35	10.67	13	33.02	82	20	6.10	9	22.86
3	20	6.10	9	22.86	43	25	7.62	9	22.86	83	25	7.62	16	40.64
4	30	9.14	12	30.48	44	30	9.14	12	30.48	84	25	7.62	15	38.10
5	30	9.14	12	30.48	45	30	9.14	14	35.56	85	20	6.10	9	22.86
6	33	10.06	12	30.48	46	25	7.62	13	33.02	86	30	9.14	14	35.56
7	30	9.14	10	25.40	47	15	4.57	9	22.86	87	30	9.14	13	33.02
8	25	7.62	8	20.32	48	25	7.62	12	30.48	88	25	7.62	14	35.56
9	25	7.62	10	25.40	49	20	6.10	9	22.86	89	25	7.62	9	22.86
10	20	6.10	10	25.40	50	30	9.14	12	30.48	90	20	6.10	8	20.32
11	30	9.14	12	30.48	51	20	6.10	10	25.40	91	25	7.62	10	25.40
12	25	7.62	10	25.40	52	35	10.67	12	30.48	92	20	6.10	9	22.86
13	35	10.67	15	38.10	53	25	7.62	12	30.48	93	12	3.66	7	17.78
14	30	9.14	15	38.10	54	20	6.10	11	27.94	94	25	7.62	11	27.94
15	37	11.28	15	38.10	55	30	9.14	14	35.56	95	20	6.10	11	27.94
16	31	9.45	12	30.48	56	25	7.62	11	27.94	96	30	9.14	11	27.94
17	30	9.14	15	38.10	57	20	6.10	9	22.86	97	20	6.10	8	20.32
18	25	7.62	10	25.40	58	25	7.62	10	25.40	98	20	6.10	10	25.40
19	30	9.14	12	30.48	59	35	10.67	17	43.18					
20	30	9.14	14	35.56	60	30	9.14	17	43.18					
21	30	9.14	10	25.40	61	26	7.92	11	27.94					
22	25	7.62	10	25.40	62	35	10.67	11	27.94					
23	30	9.14	12	30.48	63	20	6.10	9	22.86					
24	30	9.14	14	35.56	64	15	4.57	9	22.86					
25	25	7.62	10	25.40	65	25	7.62	11	27.94					
26	16	4.88	10	25.40	66	26	7.92	12	30.48					
27	20	6.10	11	27.94	67	20	6.10	9	22.86					
28	30	9.14	16	40.64	68	25	7.62	10	25.40					
29	31	9.45	15	38.10	69	20	6.10	8	20.32					
30	25	7.62	9	22.86	70	25	7.62	11	27.94					
31	32	9.75	12	30.48	71	20	6.10	14	35.56					
32	35	10.67	12	30.48	72	25	7.62	16	40.64					
33	25	7.62	18	45.72	73	35	10.67	16	40.64					
34	30	9.14	10	25.40	74	22	6.71	9	22.86					
35	25	7.62	9	22.86	75	25	7.62	13	33.02					
36	28	8.53	9	22.86	76	25	7.62	13	33.02					
37	35	10.67	13	33.02	77	20	6.10	8	20.32					
38	37	11.28	14	35.56	78	25	7.62	9	22.86					
39	35	10.67	12	30.48	79	25	7.62	12	30.48					
40	27	8.23	11	27.94	80	20	6.10	10	25.40					

Cleistanthus collinus / (Parasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	9	22.86
2	25	7.62	12	30.48
3	25	7.62	10	25.40
4	20	6.10	9	22.86
5	45	13.72	21	53.34
6	20	6.10	10	25.40
7	20	6.10	12	30.48
8	20	6.10	12	30.48
9	17	5.18	9	22.86
10	35	10.67	12	30.48
11	25	7.62	11	27.94
12	20	6.10	9	22.86
13	20	6.10	9	22.86
14	25	7.62	9	22.86

SUTAN

Anogeissus latifolia / (Dhaw)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	12	30.48	41	30	9.14	10	25.40	1	25	7.62	13	33.02
2	30	9.14	13	33.02	42	52	15.85	16	40.64	2	40	12.19	20	50.80
3	36	10.97	16	40.64	43	25	7.62	13	33.02	3	45	13.72	37	93.98
4	35	10.67	18	45.72	44	20	6.10	11	27.94	4	45	13.72	24	60.96
5	30	9.14	11	27.94	45	15	4.57	10	25.40	5	40	12.19	21	53.34
6	30	9.14	21	53.34	46	30	9.14	14	35.56	6	25	7.62	9	22.86
7	25	7.62	12	30.48	47	30	9.14	10	25.40	7	31	9.45	10	25.40
8	45	13.72	32	81.28	48	25	7.62	13	33.02	8	30	9.14	13	33.02
9	37	11.28	18	45.72	49	20	6.10	8	20.32	9	45	13.72	53	134.62
10	26	7.92	10	25.40	50	35	10.67	13	33.02	10	40	12.19	21	53.34
11	30	9.14	10	25.40	51	24	7.32	12	30.48	11	34	10.36	17	43.18
12	32	9.75	10	25.40	52	20	6.10	9	22.86	12	25	7.62	11	27.94
13	30	9.14	11	27.94	53	15	4.57	8	20.32	13	31	9.45	17	43.18
14	25	7.62	12	30.48	54	25	7.62	11	27.94	14	40	12.19	35	88.90
15	30	9.14	10	25.40	55	30	9.14	9	22.86	15	31	9.45	15	38.10
16	30	9.14	11	27.94	56	25	7.62	9	22.86	16	40	12.19	23	58.42
17	36	10.97	17	43.18	57	25	7.62	9	22.86	17	10	3.05	10	25.40
18	27	8.23	12	30.48	58	42	12.80	12	30.48	18	30	9.14	14	35.56
19	35	10.67	15	38.10	59	35	10.67	12	30.48	19	30	9.14	12	30.48
20	36	10.97	15	38.10	60	35	10.67	13	33.02	20	27	8.23	12	30.48
21	35	10.67	17	43.18	61	27	8.23	12	30.48	21	35	10.67	16	40.64
22	25	7.62	12	30.48	62	20	6.10	9	22.86	22	25	7.62	12	30.48
23	30	9.14	12	30.48	63	42	12.80	11	27.94	23	25	7.62	9	22.86
24	30	9.14	10	25.40	64	20	6.10	9	22.86	24	50	15.24	26	66.04
25	30	9.14	13	33.02	65	22	6.71	10	25.40	25	48	14.63	26	66.04
26	25	7.62	15	38.10	66	42	12.80	12	30.48	26	25	7.62	9	22.86
27	30	9.14	12	30.48	67	30	9.14	10	25.40	27	25	7.62	11	27.94
28	31	9.45	10	25.40	68	25	7.62	11	27.94	28	30	9.14	13	33.02
29	35	10.67	15	38.10	69	30	9.14	14	35.56	29	25	7.62	9	22.86
30	42	12.80	28	71.12	70	25	7.62	13	33.02	30	40	12.19	22	55.88
31	25	7.62	12	30.48	71	25	7.62	11	27.94	31	20	6.10	9	22.86
32	25	7.62	15	38.10	72	25	7.62	9	22.86	32	30	9.14	15	38.10
33	45	13.72	12	30.48						33	42	12.80	17	43.18
34	25	7.62	12	30.48						34	25	7.62	14	35.56
35	32	9.75	12	30.48						35	20	6.10	9	22.86
36	25	7.62	11	27.94	*Phyllanthus emblica* / (Amloki)					36	20	6.10	11	27.94
37	30	9.14	12	30.48	SL. NO.	Height		Girth		37	22	6.71	13	33.02
38	30	9.14	9	22.86		ft	m	inch	cm	38	15	4.57	10	25.40
39	25	7.62	14	35.56	1	30	9.14	12	30.48	39	20	6.10	11	27.94
40	30	9.14	12	30.48						40	40	12.19	26	66.04

SUTAN

Madhuca latifolia / (Mahua)										*Semecarpas anacardium* / (Vella)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	25	7.62	12	30.48	81	30	9.14	15	38.10	1	36	10.97	13	33.02
42	45	13.72	40	101.60	82	20	6.10	11	27.94	2	30	9.14	11	27.94
43	25	7.62	13	33.02	83	25	7.62	17	43.18	3	35	10.67	15	38.10
44	30	9.14	12	30.48	84	25	7.62	9	22.86	4	25	7.62	12	30.48
45	30	9.14	16	40.64	85	30	9.14	10	25.40	5	30	9.14	12	30.48
46	50	15.24	24	60.96	86	40	12.19	21	53.34	6	30	9.14	12	30.48
47	35	10.67	23	58.42						7	30	9.14	10	25.40
48	25	7.62	10	25.40						8	30	9.14	13	33.02
49	14	4.27	10	25.40						9	35	10.67	14	35.56
50	20	6.10	10	25.40	*Soymida febrifuga* / (Rahora)					10	25	7.62	11	27.94
51	30	9.14	15	38.10	SL. NO.	Height		Girth		11	25	7.62	10	25.40
52	18	5.49	10	25.40		ft	m	inch	cm	12	35	10.67	15	38.10
53	25	7.62	9	22.86	1	30	9.14	13	33.02	13	35	10.67	21	53.34
54	18	5.49	9	22.86	2	35	10.67	17	43.18	14	36	10.97	13	33.02
55	32	9.75	14	35.56	3	6	1.83	10	25.40	15	36	10.97	13	33.02
56	30	9.14	15	38.10	4	30	9.14	14	35.56	16	30	9.14	10	25.40
57	18	5.49	11	27.94	5	35	10.67	15	38.10	17	32	9.75	11	27.94
58	25	7.62	18	45.72	6	36	10.97	14	35.56	18	36	10.97	15	38.10
59	35	10.67	24	60.96	7	40	12.19	18	45.72	19	35	10.67	12	30.48
60	35	10.67	17	43.18	8	20	6.10	10	25.40	20	40	12.19	19	48.26
61	35	10.67	16	40.64	9	21	6.40	10	25.40	21	28	8.53	14	35.56
62	13	3.96	9	22.86	10	20	6.10	10	25.40	22	20	6.10	9	22.86
63	14	4.27	9	22.86	11	25	7.62	10	25.40	23	30	9.14	14	35.56
64	15	4.57	9	22.86	12	25	7.62	12	30.48	24	25	7.62	9	22.86
65	20	6.10	11	27.94	13	26	7.92	10	25.40	25	45	13.72	18	45.72
66	20	6.10	9	22.86	14	35	10.67	14	35.56	26	25	7.62	15	38.10
67	25	7.62	14	35.56	15	26	7.92	11	27.94	27	35	10.67	18	45.72
68	20	6.10	8	20.32	16	15	4.57	12	30.48	28	30	9.14	12	30.48
69	20	6.10	10	25.40	17	25	7.62	10	25.40	29	30	9.14	14	35.56
70	35	10.67	16	40.64	18	25	7.62	11	27.94	30	35	10.67	14	35.56
71	45	13.72	23	58.42	19	40	12.19	22	55.88	31	40	12.19	16	40.64
72	20	6.10	9	22.86	20	15	4.57	16	40.64	32	40	12.19	14	35.56
73	28	8.53	12	30.48	21	20	6.10	11	27.94	33	27	8.23	10	25.40
74	45	13.72	22	55.88	22	28	8.53	21	53.34	34	30	9.14	14	35.56
75	25	7.62	12	30.48	23	57	17.37	25	63.50	35	30	9.14	16	40.64
76	40	12.19	18	45.72	24	30	9.14	18	45.72	36	30	9.14	13	33.02
77	35	10.67	15	38.10	25	20	6.10	11	27.94	37	25	7.62	12	30.48
78	40	12.19	35	88.90	26	30	9.14	11	27.94	38	12	3.66	7	17.78
79	30	9.14	22	55.88	27	20	6.10	12	30.48	39	20	6.10	9	22.86
80	20	6.10	8	20.32						40	45	13.72	18	45.72

SUTAN

Terminalia tomentosa / (Ason)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	16	40.64	41	25	7.62	11	27.94	81	25	7.62	13	33.02
2	45	13.72	22	55.88	42	25	7.62	10	25.40	82	25	7.62	11	27.94
3	30	9.14	10	25.40	43	30	9.14	11	27.94	83	40	12.19	20	50.80
4	25	7.62	12	30.48	44	31	9.45	11	27.94	84	20	6.10	8	20.32
5	31	9.45	12	30.48	45	25	7.62	10	25.40	85	23	7.01	9	22.86
6	25	7.62	10	25.40	46	30	9.14	11	27.94	86	30	9.14	14	35.56
7	30	9.14	12	30.48	47	30	9.14	11	27.94	87	35	10.67	12	30.48
8	40	12.19	19	48.26	48	38	11.58	15	38.10	88	15	4.57	9	22.86
9	32	9.75	12	30.48	49	30	9.14	11	27.94	89	25	7.62	9	22.86
10	28	8.53	10	25.40	50	28	8.53	10	25.40	90	30	9.14	13	33.02
11	25	7.62	10	25.40	51	25	7.62	10	25.40	91	30	9.14	14	35.56
12	40	12.19	16	40.64	52	24	7.32	10	25.40	92	35	10.67	12	30.48
13	25	7.62	12	30.48	53	25	7.62	12	30.48	93	42	12.80	15	38.10
14	36	10.97	17	43.18	54	35	10.67	12	30.48	94	25	7.62	19	48.26
15	30	9.14	12	30.48	55	17	5.18	8	20.32	95	40	12.19	13	33.02
16	31	9.45	20	50.80	56	20	6.10	13	33.02	96	40	12.19	13	33.02
17	35	10.67	14	35.56	57	25	7.62	8	20.32	97	20	6.10	10	25.40
18	26	7.92	10	25.40	58	30	9.14	11	27.94	98	25	7.62	9	22.86
19	20	6.10	11	27.94	59	25	7.62	11	27.94	99	25	7.62	10	25.40
20	20	6.10	10	25.40	60	28	8.53	11	27.94	100	35	10.67	17	43.18
21	30	9.14	11	27.94	61	23	7.01	11	27.94	101	25	7.62	10	25.40
22	30	9.14	11	27.94	62	28	8.53	10	25.40	102	30	9.14	10	25.40
23	30	9.14	11	27.94	63	30	9.14	18	45.72	103	20	6.10	8	20.32
24	36	10.97	17	43.18	64	25	7.62	9	22.86	104	23	7.01	10	25.40
25	33	10.06	16	40.64	65	22	6.71	11	27.94	105	20	6.10	9	22.86
26	25	7.62	10	25.40	66	25	7.62	10	25.40					
27	20	6.10	10	25.40	67	25	7.62	8	20.32					
28	30	9.14	10	25.40	68	35	10.67	17	43.18					
29	30	9.14	12	30.48	69	25	7.62	11	27.94					
30	33	10.06	12	30.48	70	45	13.72	18	45.72					
31	20	6.10	9	22.86	71	22	6.71	9	22.86					
32	25	7.62	9	22.86	72	30	9.14	13	33.02					
33	20	6.10	11	27.94	73	20	6.10	12	30.48					
34	28	8.53	12	30.48	74	22	6.71	10	25.40					
35	35	10.67	11	27.94	75	25	7.62	10	25.40					
36	30	9.14	13	33.02	76	20	6.10	9	22.86					
37	27	8.23	11	27.94	77	20	6.10	14	35.56					
38	31	9.45	14	35.56	78	25	7.62	9	22.86					
39	25	7.62	10	25.40	79	25	7.62	11	27.94					
40	20	6.10	9	22.86	80	20	6.10	8	20.32					

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	26	66.04
2	15	4.57	11	27.94
3	18	5.49	9	22.86
4	32	9.75	12	30.48
5	15	4.57	9	22.86
6	25	7.62	12	30.48
7	20	6.10	17	43.18

SUTAN

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	10	25.40
2	25	7.62	10	25.40
3	30	9.14	15	38.10
4	30	9.14	13	33.02
5	30	9.14	18	45.72
6	18	5.49	9	22.86
7	35	10.67	20	50.80
8	35	10.67	14	35.56
9	20	6.10	9	22.86
10	30	9.14	11	27.94

Morinda citrifolia / (Auch/Noni)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	20	6.10	10	25.40
3	25	7.62	15	38.10
4	15	4.57	11	27.94
5	15	4.57	8	20.32
6	14	4.27	9	22.86
7	18	5.49	11	27.94
8	20	6.10	13	33.02
9	20	6.10	9	22.86
10	20	6.10	10	25.40
11	25	7.62	12	30.48
12	15	4.57	9	22.86

Holarrhena antidysenterica / (Kurchi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	15	38.10
2	30	9.14	12	30.48
3	35	10.67	15	38.10
4	15	4.57	10	25.40
5	18	5.49	10	25.40
6	25	7.62	9	22.86
7	28	8.53	11	27.94
8	30	9.14	14	35.56
9	20	6.10	8	20.32
10	20	6.10	20	50.80

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	25	7.62	12	30.48
3	20	6.10	10	25.40
4	20	6.10	23	58.42
5	35	10.67	40	101.60

Bridelia retusa / (Kosai/Bhuans)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	13	33.02
2	38	11.58	20	50.80
3	22	6.71	9	22.86
4	24	7.32	17	43.18

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	10	25.40
2	25	7.62	12	30.48
3	22	6.71	13	33.02

Albizia lebbeck / (Swet Siris/Siris)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	52	132.1

Terminalia bellirica / (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	15	38.10
2	35	10.67	18	45.72
3	36	10.97	14	35.56
4	30	9.14	12	30.48
5	25	7.62	10	25.40
6	38	11.58	15	38.10
7	28	8.53	10	25.40
8	25	7.62	10	25.40
9	30	9.14	12	30.48
10	30	9.14	12	30.48
11	30	9.14	10	25.40
12	20	6.10	11	27.94
13	20	6.10	18	45.72

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	8	20.32
2	41	12.50	21	53.34
3	30	9.14	12	30.48
4	31	9.45	12	30.48
5	20	6.10	10	25.40
6	25	7.62	10	25.40
7	26	7.92	10	25.40
8	30	9.14	16	40.64
9	28	8.53	13	33.02
10	20	6.10	20	50.80
11	25	7.62	14	35.56
12	35	10.67	13	33.02

Ziziphus mauritiana / (Bon Kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	27	8.23	12	30.48

Syzygium jambolanum/ (Jam/Tupa Jam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	6	1.83	11	27.94

SUTAN

Sutan SP 6

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	19	48.26	41	35	10.67	16	40.64	81	20	6.10	14	35.56
2	40	12.19	22	55.88	42	45	13.72	20	50.80	82	30	9.14	11	27.94
3	40	12.19	20	50.80	43	38	11.58	15	38.10	83	35	10.67	13	33.02
4	25	7.62	11	27.94	44	30	9.14	10	25.40	84	40	12.19	16	40.64
5	36	10.97	15	38.10	45	35	10.67	13	33.02	85	30	9.14	10	25.40
6	35	10.67	16	40.64	46	36	10.97	11	27.94	86	25	7.62	10	25.40
7	35	10.67	11	27.94	47	42	12.80	20	50.80	87	37	11.28	13	33.02
8	35	10.67	15	38.10	48	30	9.14	13	33.02	88	38	11.58	16	40.64
9	46	14.02	20	50.80	49	25	7.62	10	25.40	89	20	6.10	11	27.94
10	26	7.92	10	25.40	50	40	12.19	17	43.18	90	25	7.62	11	27.94
11	42	12.80	17	43.18	51	35	10.67	16	40.64	91	30	9.14	12	30.48
12	45	13.72	26	66.04	52	40	12.19	12	30.48	92	25	7.62	10	25.40
13	41	12.50	16	40.64	53	35	10.67	15	38.10	93	45	13.72	25	63.50
14	35	10.67	14	35.56	54	34	10.36	15	38.10	94	40	12.19	27	68.58
15	30	9.14	10	25.40	55	40	12.19	20	50.80	95	35	10.67	14	35.56
16	36	10.97	13	33.02	56	25	7.62	11	27.94	96	30	9.14	12	30.48
17	47	14.33	25	63.50	57	40	12.19	16	40.64	97	40	12.19	19	48.26
18	38	11.58	18	45.72	58	35	10.67	14	35.56	98	36	10.97	11	27.94
19	33	10.06	17	43.18	59	20	6.10	11	27.94	99	45	13.72	21	53.34
20	25	7.62	11	27.94	60	30	9.14	11	27.94	100	30	9.14	13	33.02
21	40	12.19	18	45.72	61	25	7.62	10	25.40	101	35	10.67	14	35.56
22	40	12.19	20	50.80	62	46	14.02	21	53.34	102	45	13.72	22	55.88
23	45	13.72	21	53.34	63	35	10.67	13	33.02	103	40	12.19	19	48.26
24	30	9.14	11	27.94	64	35	10.67	12	30.48	104	45	13.72	22	55.88
25	45	13.72	25	63.50	65	46	14.02	23	58.42	105	35	10.67	15	38.10
26	46	14.02	25	63.50	66	40	12.19	19	48.26	106	40	12.19	21	53.34
27	45	13.72	25	63.50	67	30	9.14	14	35.56	107	40	12.19	19	48.26
28	45	13.72	21	53.34	68	40	12.19	21	53.34	108	30	9.14	15	38.10
29	47	14.33	23	58.42	69	30	9.14	13	33.02	109	40	12.19	19	48.26
30	25	7.62	10	25.40	70	25	7.62	11	27.94	110	50	15.24	24	60.96
31	36	10.97	17	43.18	71	20	6.10	10	25.40	111	45	13.72	23	58.42
32	35	10.67	16	40.64	72	40	12.19	19	48.26	112	40	12.19	14	35.56
33	25	7.62	10	25.40	73	45	13.72	24	60.96	113	35	10.67	10	25.40
34	46	14.02	14	35.56	74	24	7.32	17	43.18	114	45	13.72	19	48.26
35	45	13.72	22	55.88	75	30	9.14	12	30.48	115	45	13.72	22	55.88
36	20	6.10	10	25.40	76	31	9.45	13	33.02	116	35	10.67	15	38.10
37	35	10.67	13	33.02	77	30	9.14	13	33.02	117	30	9.14	12	30.48
38	40	12.19	18	45.72	78	40	12.19	18	45.72	118	35	10.67	15	38.10
39	26	7.92	10	25.40	79	30	9.14	15	38.10	119	30	9.14	10	25.40
40	36	10.97	16	40.64	80	40	12.19	19	48.26	120	27	8.23	14	35.56

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	50	15.24	26	66.04	161	35	10.67	14	35.56	201	41	12.50	17	43.18
122	20	6.10	10	25.40	162	25	7.62	10	25.40	202	40	12.19	20	50.80
123	35	10.67	17	43.18	163	25	7.62	9	22.86	203	35	10.67	13	33.02
124	36	10.97	12	30.48	164	45	13.72	20	50.80	204	35	10.67	16	40.64
125	25	7.62	12	30.48	165	35	10.67	15	38.10	205	38	11.58	16	40.64
126	45	13.72	21	53.34	166	40	12.19	19	48.26	206	34	10.36	15	38.10
127	35	10.67	16	40.64	167	45	13.72	19	48.26	207	20	6.10	12	30.48
128	45	13.72	21	53.34	168	42	12.80	17	43.18	208	30	9.14	11	27.94
129	40	12.19	22	55.88	169	45	13.72	25	63.50	209	25	7.62	10	25.40
130	30	9.14	13	33.02	170	40	12.19	20	50.80	210	34	10.36	16	40.64
131	35	10.67	17	43.18	171	38	11.58	17	43.18	211	30	9.14	12	30.48
132	40	12.19	22	55.88	172	56	17.07	27	68.58	212	25	7.62	10	25.40
133	45	13.72	20	50.80	173	35	10.67	16	40.64	213	35	10.67	13	33.02
134	50	15.24	25	63.50	174	25	7.62	10	25.40	214	45	13.72	22	55.88
135	30	9.14	21	53.34	175	23	7.01	50	127.00	215	25	7.62	9	22.86
136	40	12.19	18	45.72	176	50	15.24	27	68.58	216	36	10.97	17	43.18
137	55	16.76	27	68.58	177	45	13.72	24	60.96	217	40	12.19	22	55.88
138	35	10.67	17	43.18	178	30	9.14	15	38.10	218	45	13.72	16	40.64
139	25	7.62	10	25.40	179	40	12.19	21	53.34	219	45	13.72	16	40.64
140	35	10.67	18	45.72	180	36	10.97	14	35.56	220	47	14.33	20	50.80
141	35	10.67	15	38.10	181	12	3.66	11	27.94	221	35	10.67	14	35.56
142	35	10.67	16	40.64	182	30	9.14	11	27.94	222	36	10.97	16	40.64
143	25	7.62	10	25.40	183	35	10.67	12	30.48	223	25	7.62	10	25.40
144	58	17.68	36	91.44	184	35	10.67	14	35.56	224	30	9.14	10	25.40
145	25	7.62	10	25.40	185	45	13.72	20	50.80	225	45	13.72	17	43.18
146	55	16.76	22	55.88	186	35	10.67	15	38.10	226	40	12.19	18	45.72
147	25	7.62	16	40.64	187	45	13.72	18	45.72	227	25	7.62	9	22.86
148	20	6.10	10	25.40	188	35	10.67	15	38.10	228	35	10.67	13	33.02
149	35	10.67	14	35.56	189	40	12.19	19	48.26	229	45	13.72	18	45.72
150	40	12.19	17	43.18	190	30	9.14	14	35.56	230	48	14.63	18	45.72
151	40	12.19	16	40.64	191	40	12.19	17	43.18	231	45	13.72	24	60.96
152	45	13.72	25	63.50	192	46	14.02	20	50.80	232	25	7.62	10	25.40
153	35	10.67	16	40.64	193	35	10.67	19	48.26	233	25	7.62	9	22.86
154	50	15.24	20	50.80	194	40	12.19	17	43.18	234	35	10.67	16	40.64
155	35	10.67	15	38.10	195	35	10.67	16	40.64	235	45	13.72	19	48.26
156	35	10.67	14	35.56	196	40	12.19	21	53.34	236	50	15.24	23	58.42
157	45	13.72	18	45.72	197	47	14.33	18	45.72	237	40	12.19	17	43.18
158	40	12.19	18	45.72	198	35	10.67	15	38.10	238	20	6.10	10	25.40
159	45	13.72	18	45.72	199	35	10.67	17	43.18	239	30	9.14	14	35.56
160	36	10.97	24	60.96	200	30	9.14	13	33.02	240	35	10.67	20	50.80

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	45	13.72	32	81.28	281	35	10.67	15	38.10	321	35	10.67	13	33.02
242	40	12.19	16	40.64	282	30	9.14	11	27.94	322	30	9.14	10	25.40
243	25	7.62	17	43.18	283	36	10.97	18	45.72	323	25	7.62	10	25.40
244	35	10.67	15	38.10	284	50	15.24	21	53.34	324	50	15.24	22	55.88
245	45	13.72	20	50.80	285	37	11.28	13	33.02	325	26	7.92	14	35.56
246	50	15.24	25	63.50	286	42	12.80	16	40.64	326	35	10.67	14	35.56
247	45	13.72	18	45.72	287	35	10.67	14	35.56	327	45	13.72	21	53.34
248	35	10.67	14	35.56	288	50	15.24	24	60.96	328	26	7.92	10	25.40
249	42	12.80	14	35.56	289	35	10.67	15	38.10	329	46	14.02	19	48.26
250	40	12.19	17	43.18	290	35	10.67	16	40.64	330	35	10.67	15	38.10
251	30	9.14	10	25.40	291	30	9.14	11	27.94	331	25	7.62	10	25.40
252	37	11.28	14	35.56	292	30	9.14	11	27.94	332	41	12.50	18	45.72
253	41	12.50	16	40.64	293	30	9.14	10	25.40	333	15	4.57	19	48.26
254	45	13.72	16	40.64	294	35	10.67	15	38.10	334	50	15.24	21	53.34
255	40	12.19	18	45.72	295	32	9.75	12	30.48	335	35	10.67	11	27.94
256	35	10.67	16	40.64	296	45	13.72	21	53.34	336	41	12.50	18	45.72
257	35	10.67	13	33.02	297	50	15.24	26	66.04	337	30	9.14	14	35.56
258	30	9.14	11	27.94	298	35	10.67	20	50.80	338	30	9.14	21	53.34
259	35	10.67	15	38.10	299	30	9.14	18	45.72	339	40	12.19	24	60.96
260	40	12.19	16	40.64	300	45	13.72	20	50.80	340	45	13.72	23	58.42
261	32	9.75	21	53.34	301	30	9.14	14	35.56	341	22	6.71	12	30.48
262	15	4.57	9	22.86	302	32	9.75	14	35.56	342	48	14.63	20	50.80
263	35	10.67	12	30.48	303	31	9.45	14	35.56	343	35	10.67	18	45.72
264	25	7.62	12	30.48	304	37	11.28	16	40.64	344	35	10.67	12	30.48
265	25	7.62	9	22.86	305	46	14.02	24	60.96	345	32	9.75	11	27.94
266	45	13.72	25	63.50	306	36	10.97	12	30.48	346	30	9.14	12	30.48
267	40	12.19	18	45.72	307	45	13.72	20	50.80	347	40	12.19	18	45.72
268	25	7.62	9	22.86	308	35	10.67	18	45.72	348	35	10.67	14	35.56
269	30	9.14	11	27.94	309	45	13.72	19	48.26	349	28	8.53	14	35.56
270	35	10.67	15	38.10	310	36	10.97	13	33.02	350	30	9.14	12	30.48
271	30	9.14	10	25.40	311	40	12.19	17	43.18	351	25	7.62	11	27.94
272	25	7.62	12	30.48	312	31	9.45	13	33.02	352	30	9.14	13	33.02
273	45	13.72	18	45.72	313	30	9.14	14	35.56	353	24	7.32	15	38.10
274	47	14.33	18	45.72	314	50	15.24	23	58.42	354	20	6.10	9	22.86
275	40	12.19	17	43.18	315	31	9.45	14	35.56	355	32	9.75	12	30.48
276	30	9.14	10	25.40	316	40	12.19	18	45.72	356	40	12.19	16	40.64
277	45	13.72	21	53.34	317	40	12.19	16	40.64	357	42	12.80	12	30.48
278	42	12.80	27	68.58	318	25	7.62	11	27.94	358	45	13.72	18	45.72
279	35	10.67	14	35.56	319	35	10.67	20	50.80	359	20	6.10	10	25.40
280	31	9.45	14	35.56	320	30	9.14	11	27.94	360	46	14.02	17	43.18

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	42	12.80	20	50.80	401	40	12.19	14	35.56	441	35	10.67	14	35.56
362	45	13.72	18	45.72	402	30	9.14	11	27.94	442	22	6.71	11	27.94
363	21	6.40	10	25.40	403	55	16.76	25	63.50	443	36	10.97	13	33.02
364	40	12.19	12	30.48	404	30	9.14	12	30.48	444	22	6.71	12	30.48
365	50	15.24	19	48.26	405	32	9.75	16	40.64	445	45	13.72	17	43.18
366	22	6.71	10	25.40	406	30	9.14	12	30.48	446	25	7.62	11	27.94
367	20	6.10	11	27.94	407	60	18.29	25	63.50	447	30	9.14	13	33.02
368	22	6.71	10	25.40	408	35	10.67	11	27.94	448	28	8.53	11	27.94
369	25	7.62	10	25.40	409	22	6.71	10	25.40	449	46	14.02	18	45.72
370	50	15.24	24	60.96	410	55	16.76	18	45.72	450	35	10.67	24	60.96
371	40	12.19	12	30.48	411	25	7.62	12	30.48	451	55	16.76	30	76.20
372	39	11.89	12	30.48	412	30	9.14	16	40.64	452	30	9.14	20	50.80
373	18	5.49	8	20.32	413	55	16.76	21	53.34	453	25	7.62	15	38.10
374	35	10.67	13	33.02	414	35	10.67	14	35.56	454	45	13.72	24	60.96
375	28	8.53	9	22.86	415	35	10.67	12	30.48	455	30	9.14	19	48.26
376	55	16.76	20	50.80	416	35	10.67	11	27.94	456	25	7.62	13	33.02
377	57	17.37	21	53.34	417	60	18.29	33	83.82	457	30	9.14	12	30.48
378	25	7.62	11	27.94	418	38	11.58	14	35.56	458	25	7.62	12	30.48
379	35	10.67	14	35.56	419	30	9.14	12	30.48	459	35	10.67	13	33.02
380	32	9.75	12	30.48	420	25	7.62	11	27.94	460	25	7.62	28	71.12
381	48	14.63	19	48.26	421	35	10.67	11	27.94	461	20	6.10	12	30.48
382	38	11.58	11	27.94	422	30	9.14	14	35.56	462	29	8.84	14	35.56
383	32	9.75	12	30.48	423	25	7.62	11	27.94	463	25	7.62	13	33.02
384	28	8.53	11	27.94	424	40	12.19	13	33.02	464	30	9.14	17	43.18
385	30	9.14	12	30.48	425	45	13.72	18	45.72	465	35	10.67	15	38.10
386	40	12.19	14	35.56	426	30	9.14	12	30.48	466	20	6.10	12	30.48
387	55	16.76	24	60.96	427	32	9.75	16	40.64	467	20	6.10	12	30.48
388	30	9.14	11	27.94	428	25	7.62	11	27.94	468	30	9.14	16	40.64
389	35	10.67	14	35.56	429	55	16.76	18	45.72	469	30	9.14	18	45.72
390	25	7.62	14	35.56	430	35	10.67	17	43.18	470	20	6.10	9	22.86
391	30	9.14	13	33.02	431	22	6.71	13	33.02	471	25	7.62	17	43.18
392	25	7.62	11	27.94	432	27	8.23	11	27.94	472	25	7.62	14	35.56
393	45	13.72	19	48.26	433	36	10.97	12	30.48	473	20	6.10	9	22.86
394	25	7.62	12	30.48	434	25	7.62	11	27.94	474	25	7.62	14	35.56
395	30	9.14	11	27.94	435	22	6.71	14	35.56	475	20	6.10	12	30.48
396	20	6.10	10	25.40	436	30	9.14	12	30.48	476	25	7.62	9	22.86
397	7	2.13	11	27.94	437	35	10.67	13	33.02	477	30	9.14	13	33.02
398	63	19.20	12	30.48	438	40	12.19	12	30.48	478	25	7.62	14	35.56
399	20	6.10	11	27.94	439	27	8.23	11	27.94	479	30	9.14	17	43.18
400	50	15.24	14	35.56	440	30	9.14	11	27.94	480	20	6.10	14	35.56

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	35	10.67	25	63.50	521	20	6.10	25	63.50	561	20	6.10	14	35.56
482	20	6.10	16	40.64	522	20	6.10	10	25.40	562	40	12.19	23	58.42
483	25	7.62	18	45.72	523	30	9.14	15	38.10	563	40	12.19	20	50.80
484	20	6.10	12	30.48	524	25	7.62	10	25.40	564	20	6.10	14	35.56
485	20	6.10	15	38.10	525	30	9.14	19	48.26	565	15	4.57	18	45.72
486	20	6.10	11	27.94	526	25	7.62	12	30.48	566	35	10.67	19	48.26
487	25	7.62	19	48.26	527	20	6.10	12	30.48	567	20	6.10	9	22.86
488	20	6.10	11	27.94	528	35	10.67	20	50.80	568	30	9.14	15	38.10
489	25	7.62	13	33.02	529	20	6.10	12	30.48	569	30	9.14	15	38.10
490	30	9.14	15	38.10	530	25	7.62	13	33.02	570	25	7.62	14	35.56
491	30	9.14	19	48.26	531	30	9.14	15	38.10	571	35	10.67	20	50.80
492	25	7.62	14	35.56	532	20	6.10	10	25.40	572	30	9.14	17	43.18
493	20	6.10	13	33.02	533	25	7.62	15	38.10	573	25	7.62	14	35.56
494	20	6.10	10	25.40	534	20	6.10	10	25.40	574	25	7.62	15	38.10
495	30	9.14	16	40.64	535	35	10.67	19	48.26	575	25	7.62	12	30.48
496	25	7.62	15	38.10	536	20	6.10	13	33.02	576	25	7.62	10	25.40
497	35	10.67	20	50.80	537	20	6.10	12	30.48	577	35	10.67	24	60.96
498	15	4.57	19	48.26	538	20	6.10	12	30.48	578	30	9.14	17	43.18
499	30	9.14	14	35.56	539	35	10.67	16	40.64	579	20	6.10	12	30.48
500	25	7.62	10	25.40	540	35	10.67	18	45.72	580	30	9.14	18	45.72
501	40	12.19	21	53.34	541	20	6.10	10	25.40	581	20	6.10	18	45.72
502	15	4.57	10	25.40	542	20	6.10	9	22.86	582	15	4.57	11	27.94
503	40	12.19	21	53.34	543	25	7.62	14	35.56	583	35	10.67	23	58.42
504	20	6.10	12	30.48	544	30	9.14	15	38.10	584	25	7.62	10	25.40
505	20	6.10	10	25.40	545	20	6.10	15	38.10	585	20	6.10	11	27.94
506	30	9.14	22	55.88	546	30	9.14	18	45.72	586	30	9.14	19	48.26
507	25	7.62	12	30.48	547	20	6.10	11	27.94	587	35	10.67	18	45.72
508	35	10.67	18	45.72	548	25	7.62	17	43.18	588	30	9.14	13	33.02
509	15	4.57	10	25.40	549	20	6.10	17	43.18	589	20	6.10	9	22.86
510	20	6.10	10	25.40	550	12	3.66	9	22.86	590	40	12.19	19	48.26
511	30	9.14	18	45.72	551	35	10.67	20	50.80	591	25	7.62	10	25.40
512	20	6.10	14	35.56	552	30	9.14	13	33.02	592	35	10.67	22	55.88
513	25	7.62	15	38.10	553	20	6.10	9	22.86	593	22	6.71	9	22.86
514	20	6.10	25	63.50	554	30	9.14	17	43.18	594	15	4.57	9	22.86
515	20	6.10	13	33.02	555	35	10.67	19	48.26	595	35	10.67	16	40.64
516	15	4.57	13	33.02	556	30	9.14	15	38.10	596	25	7.62	20	50.80
517	40	12.19	28	71.12	557	35	10.67	19	48.26	597	25	7.62	17	43.18
518	30	9.14	20	50.80	558	30	9.14	18	45.72	598	40	12.19	15	38.10
519	20	6.10	9	22.86	559	40	12.19	22	55.88	599	25	7.62	18	45.72
520	25	7.62	18	45.72	560	30	9.14	17	43.18	600	20	6.10	12	30.48

SUTAN

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
601	20	6.10	24	60.96	641	30	9.14	17	43.18	681	15	4.57	18	45.72
602	0	0.00	12	30.48	642	32	9.75	21	53.34	682	40	12.19	20	50.80
603	35	10.67	18	45.72	643	25	7.62	11	27.94	683	50	15.24	24	60.96
604	22	6.71	15	38.10	644	25	7.62	13	33.02	684	20	6.10	13	33.02
605	35	10.67	19	48.26	645	30	9.14	14	35.56	685	35	10.67	18	45.72
606	20	6.10	11	27.94	646	30	9.14	15	38.10	686	25	7.62	15	38.10
607	35	10.67	20	50.80	647	35	10.67	15	38.10	687	25	7.62	14	35.56
608	30	9.14	15	38.10	648	35	10.67	24	60.96	688	30	9.14	11	27.94
609	35	10.67	16	40.64	649	35	10.67	16	40.64	689	42	12.80	23	58.42
610	25	7.62	19	48.26	650	25	7.62	10	25.40	690	25	7.62	17	43.18
611	30	9.14	15	38.10	651	35	10.67	17	43.18	691	40	12.19	17	43.18
612	20	6.10	17	43.18	652	30	9.14	16	40.64	692	40	12.19	20	50.80
613	25	7.62	11	27.94	653	30	9.14	15	38.10	693	35	10.67	16	40.64
614	35	10.67	18	45.72	654	40	12.19	19	48.26	694	40	12.19	18	45.72
615	30	9.14	13	33.02	655	35	10.67	17	43.18					
616	25	7.62	15	38.10	656	30	9.14	12	30.48					
617	35	10.67	15	38.10	657	35	10.67	15	38.10					
618	20	6.10	11	27.94	658	25	7.62	9	22.86					
619	35	10.67	17	43.18	659	35	10.67	13	33.02					
620	40	12.19	17	43.18	660	40	12.19	16	40.64					
621	25	7.62	14	35.56	661	35	10.67	14	35.56					
622	30	9.14	13	33.02	662	25	7.62	11	27.94					
623	35	10.67	14	35.56	663	22	6.71	10	25.40					
624	35	10.67	16	40.64	664	40	12.19	29	73.66					
625	25	7.62	11	27.94	665	25	7.62	18	45.72					
626	25	7.62	11	27.94	666	25	7.62	13	33.02					
627	25	7.62	13	33.02	667	30	9.14	10	25.40					
628	30	9.14	12	30.48	668	40	12.19	20	50.80					
629	20	6.10	9	22.86	669	20	6.10	11	27.94					
630	35	10.67	15	38.10	670	35	10.67	14	35.56					
631	30	9.14	14	35.56	671	40	12.19	20	50.80					
632	40	12.19	25	63.50	672	25	7.62	10	25.40					
633	30	9.14	17	43.18	673	25	7.62	15	38.10					
634	30	9.14	18	45.72	674	20	6.10	11	27.94					
635	25	7.62	10	25.40	675	35	10.67	19	48.26					
636	25	7.62	9	22.86	676	35	10.67	21	53.34					
637	25	7.62	11	27.94	677	40	12.19	16	40.64					
638	35	10.67	13	33.02	678	20	6.10	9	22.86					
639	30	9.14	17	43.18	679	40	12.19	18	45.72					
640	30	9.14	12	30.48	680	25	7.62	9	22.86					

SUTAN

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	25	7.62	10	25.40	41	15	4.57	9	22.86	81	34	10.36	14	35.56
2	25	7.62	10	25.40	42	30	9.14	12	30.48	82	30	9.14	12	30.48
3	27	8.23	10	25.40	43	30	9.14	12	30.48	83	34	10.36	16	40.64
4	35	10.67	16	40.64	44	35	10.67	12	30.48	84	25	7.62	11	27.94
5	25	7.62	9	22.86	45	30	9.14	10	25.40	85	20	6.10	10	25.40
6	25	7.62	10	25.40	46	35	10.67	12	30.48	86	20	6.10	10	25.40
7	30	9.14	13	33.02	47	25	7.62	9	22.86	87	25	7.62	9	22.86
8	30	9.14	11	27.94	48	26	7.92	9	22.86	88	25	7.62	10	25.40
9	37	11.28	18	45.72	49	30	9.14	10	25.40	89	25	7.62	19	48.26
10	26	7.92	13	33.02	50	35	10.67	10	25.40	90	30	9.14	16	40.64
11	25	7.62	9	22.86	51	30	9.14	12	30.48	91	20	6.10	12	30.48
12	30	9.14	12	30.48	52	25	7.62	9	22.86	92	30	9.14	10	25.40
13	28	8.53	11	27.94	53	30	9.14	12	30.48	93	25	7.62	13	33.02
14	31	9.45	11	27.94	54	15	4.57	9	22.86	94	20	6.10	9	22.86
15	35	10.67	13	33.02	55	35	10.67	13	33.02	95	15	4.57	10	25.40
16	25	7.62	10	25.40	56	25	7.62	10	25.40	96	20	6.10	11	27.94
17	30	9.14	16	40.64	57	30	9.14	12	30.48	97	20	6.10	12	30.48
18	27	8.23	12	30.48	58	25	7.62	11	27.94	98	15	4.57	9	22.86
19	25	7.62	11	27.94	59	31	9.45	11	27.94	99	20	6.10	9	22.86
20	26	7.92	11	27.94	60	25	7.62	9	22.86	100	25	7.62	11	27.94
21	30	9.14	15	38.10	61	26	7.92	12	30.48	101	20	6.10	9	22.86
22	30	9.14	11	27.94	62	27	8.23	12	30.48	102	22	6.71	9	22.86
23	35	10.67	16	40.64	63	45	13.72	23	58.42	103	20	6.10	9	22.86
24	30	9.14	13	33.02	64	17	5.18	8	20.32	104	25	7.62	9	22.86
25	36	10.97	13	33.02	65	17	5.18	8	20.32	105	25	7.62	13	33.02
26	37	11.28	15	38.10	66	25	7.62	12	30.48	106	20	6.10	10	25.40
27	30	9.14	13	33.02	67	25	7.62	11	27.94	107	25	7.62	10	25.40
28	30	9.14	11	27.94	68	23	7.01	11	27.94	108	30	9.14	12	30.48
29	30	9.14	13	33.02	69	18	5.49	9	22.86	109	25	7.62	10	25.40
30	35	10.67	13	33.02	70	18	5.49	12	30.48	110	20	6.10	15	38.10
31	25	7.62	10	25.40	71	25	7.62	11	27.94	111	20	6.10	11	27.94
32	30	9.14	19	48.26	72	17	5.18	8	20.32	112	20	6.10	9	22.86
33	30	9.14	14	35.56	73	30	9.14	14	35.56	113	35	10.67	12	30.48
34	30	9.14	12	30.48	74	25	7.62	13	33.02	114	25	7.62	9	22.86
35	30	9.14	11	27.94	75	32	9.75	14	35.56	115	20	6.10	13	33.02
36	25	7.62	10	25.40	76	22	6.71	11	27.94	116	20	6.10	12	30.48
37	35	10.67	16	40.64	77	27	8.23	13	33.02	117	20	6.10	11	27.94
38	35	10.67	14	35.56	78	15	4.57	9	22.86	118	25	7.62	13	33.02
39	35	10.67	13	33.02	79	25	7.62	11	27.94	119	20	6.10	10	25.40
40	25	7.62	10	25.40	80	25	7.62	11	27.94	120	30	9.14	17	43.18

SUTAN

Buchanania lanzan / (Piyal)					*Anogeissus latifolia* / (Dhaw)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	20	6.10	11	27.94	1	25	7.62	9	22.86	41	30	9.14	10	25.40
122	25	7.62	11	27.94	2	28	8.53	12	30.48	42	35	10.67	12	30.48
123	20	6.10	10	25.40	3	30	9.14	10	25.40	43	32	9.75	12	30.48
124	20	6.10	11	27.94	4	30	9.14	12	30.48	44	36	10.97	12	30.48
125	25	7.62	9	22.86	5	30	9.14	11	27.94	45	31	9.45	12	30.48
					6	32	9.75	10	25.40	46	36	10.97	13	33.02
					7	30	9.14	12	30.48	47	25	7.62	10	25.40
					8	30	9.14	18	45.72	48	14	4.27	11	27.94
Terminalia chebula / (Haritoki)					9	30	9.14	9	22.86	49	25	7.62	20	50.80
SL. NO.	Height		Girth		10	35	10.67	14	35.56	50	38	11.58	17	43.18
	ft	m	inch	cm	11	30	9.14	13	33.02	51	14	4.27	11	27.94
1	25	7.62	10	25.40	12	30	9.14	10	25.40	52	24	7.32	11	27.94
2	26	7.92	10	25.40	13	25	7.62	11	27.94	53	25	7.62	12	30.48
3	20	6.10	9	22.86	14	20	6.10	9	22.86	54	20	6.10	11	27.94
4	25	7.62	11	27.94	15	37	11.28	16	40.64	55	20	6.10	12	30.48
5	40	12.19	17	43.18	16	20	6.10	9	22.86	56	20	6.10	10	25.40
6	35	10.67	12	30.48	17	30	9.14	12	30.48	57	20	6.10	9	22.86
7	35	10.67	17	43.18	18	35	10.67	15	38.10	58	20	6.10	10	25.40
8	30	9.14	11	27.94	19	35	10.67	12	30.48	59	20	6.10	9	22.86
9	25	7.62	10	25.40	20	35	10.67	13	33.02	60	20	6.10	9	22.86
10	15	4.57	11	27.94	21	30	9.14	12	30.48	61	20	6.10	12	30.48
11	15	4.57	8	20.32	22	35	10.67	11	27.94	62	20	6.10	9	22.86
12	22	6.71	12	30.48	23	35	10.67	15	38.10	63	25	7.62	13	33.02
13	28	8.53	12	30.48	24	30	9.14	12	30.48	64	20	6.10	9	22.86
14	20	6.10	12	30.48	25	30	9.14	11	27.94	65	30	9.14	14	35.56
15	25	7.62	18	45.72	26	30	9.14	11	27.94	66	15	4.57	9	22.86
16	15	4.57	9	22.86	27	20	6.10	9	22.86	67	20	6.10	11	27.94
17	20	6.10	12	30.48	28	30	9.14	12	30.48	68	25	7.62	14	35.56
18	20	6.10	18	45.72	29	30	9.14	13	33.02	69	25	7.62	13	33.02
19	25	7.62	12	30.48	30	25	7.62	9	22.86	70	30	9.14	14	35.56
					31	25	7.62	10	25.40	71	30	9.14	11	27.94
					32	30	9.14	11	27.94	72	20	6.10	10	25.40
					33	30	9.14	13	33.02	73	20	6.10	9	22.86
Albizia lebbeck / (Swet Siris/Siris)					34	25	7.62	10	25.40	74	20	6.10	13	33.02
SL. NO.	Height		Girth		35	35	10.67	14	35.56	75	25	7.62	10	25.40
	ft	m	inch	cm	36	25	7.62	9	22.86	76	25	7.62	11	27.94
1	25	7.62	10	25.40	37	25	7.62	9	22.86	77	25	7.62	13	33.02
2	40	12.19	14	35.56	38	40	12.19	18	45.72	78	25	7.62	15	38.10
3	42	12.80	27	68.58	39	25	7.62	10	25.40	79	22	6.71	11	27.94
4	25	7.62	12	30.48	40	35	10.67	13	33.02	80	25	7.62	11	27.94

SUTAN

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
81	28	8.53	12	30.48

Cleistanthus collinus / (Parasi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	11	27.94
2	20	6.10	10	25.40
3	16	4.88	10	25.40
4	20	6.10	9	22.86
5	20	6.10	11	27.94
6	20	6.10	11	27.94
7	25	7.62	12	30.48
8	25	7.62	10	25.40
9	20	6.10	11	27.94
10	30	9.14	12	30.48
11	21	6.40	10	25.40
12	15	4.57	6	15.24
13	15	4.57	9	22.86
14	15	4.57	8	20.32
15	20	6.10	8	20.32
16	20	6.10	8	20.32

Morinda citrifolia / (Auch/Noni)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	15	4.57	12	30.48
3	13	3.96	6	15.24
4	11	3.35	7	17.78
5	13	3.96	7	17.78
6	25	7.62	14	35.56
7	10	3.05	10	25.40
8	20	6.10	21	53.34
9	20	6.10	11	27.94
10	20	6.10	13	33.02
11	30	9.14	15	38.10

Madhuca latifolia / (Mahua)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
					1	30	9.14	11	27.94	41	40	12.19	23	58.42
					2	31	9.45	14	35.56	42	25	7.62	18	45.72
					3	25	7.62	12	30.48	43	30	9.14	20	50.80
					4	20	6.10	10	25.40	44	20	6.10	12	30.48
					5	21	6.40	10	25.40	45	30	9.14	19	48.26
					6	20	6.10	9	22.86	46	35	10.67	26	66.04
					7	35	10.67	19	48.26	47	20	6.10	12	30.48
					8	22	6.71	9	22.86	48	30	9.14	25	63.50
					9	17	5.18	9	22.86	49	40	12.19	25	63.50
					10	21	6.40	9	22.86	50	30	9.14	21	53.34
					11	32	9.75	12	30.48	51	20	6.10	8	20.32
					12	20	6.10	11	27.94					
					13	30	9.14	14	35.56					
					14	40	12.19	24	60.96					
					15	25	7.62	9	22.86					
					16	45	13.72	24	60.96					
					17	20	6.10	9	22.86					
					18	30	9.14	14	35.56					
					19	25	7.62	12	30.48					
					20	25	7.62	11	27.94					
					21	35	10.67	14	35.56					
					22	25	7.62	9	22.86					
					23	41	12.50	22	55.88					
					24	20	6.10	9	22.86					
					25	40	12.19	28	71.12					
					26	30	9.14	13	33.02					
					27	44	13.41	31	78.74					
					28	25	7.62	11	27.94					
					29	30	9.14	12	30.48					
					30	30	9.14	11	27.94					
					31	27	8.23	11	27.94					
					32	46	14.02	25	63.50					
					33	22	6.71	13	33.02					
					34	20	6.10	11	27.94					
					35	20	6.10	11	27.94					
					36	15	4.57	9	22.86					
					37	15	4.57	9	22.86					
					38	35	10.67	25	63.50					
					39	20	6.10	11	27.94					
					40	15	4.57	8	20.32					

Terminalia bellirica / (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	10	25.40
2	42	12.80	17	43.18
3	37	11.28	18	45.72
4	35	10.67	11	27.94
5	25	7.62	9	22.86
6	25	7.62	10	25.40
7	35	10.67	14	35.56
8	35	10.67	13	33.02
9	30	9.14	15	38.10
10	25	7.62	14	35.56
11	20	6.10	9	22.86
12	30	9.14	10	25.40

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	17	43.18
2	15	4.57	8	20.32
3	28	8.53	12	30.48
4	30	9.14	16	40.64

SUTAN

Semecarpas anacardium / (Vella)					*Terminalia tomentosa* / (Ason)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	15	38.10	1	25	7.62	16	40.64	41	20	6.10	9	22.86
2	20	6.10	9	22.86	2	25	7.62	11	27.94	42	35	10.67	14	35.56
3	30	9.14	12	30.48	3	30	9.14	11	27.94	43	30	9.14	9	22.86
4	40	12.19	19	48.26	4	15	4.57	9	22.86	44	35	10.67	17	43.18
5	35	10.67	16	40.64	5	27	8.23	10	25.40	45	35	10.67	14	35.56
6	30	9.14	11	27.94	6	30	9.14	12	30.48	46	20	6.10	9	22.86
7	35	10.67	17	43.18	7	36	10.97	14	35.56	47	35	10.67	15	38.10
8	25	7.62	10	25.40	8	30	9.14	12	30.48	48	25	7.62	10	25.40
9	35	10.67	17	43.18	9	30	9.14	10	25.40	49	30	9.14	13	33.02
10	25	7.62	10	25.40	10	30	9.14	11	27.94	50	25	7.62	10	25.40
11	35	10.67	13	33.02	11	24	7.32	9	22.86	51	25	7.62	11	27.94
12	30	9.14	10	25.40	12	30	9.14	13	33.02	52	36	10.97	19	48.26
13	40	12.19	19	48.26	13	26	7.92	11	27.94	53	15	4.57	9	22.86
14	35	10.67	14	35.56	14	30	9.14	12	30.48	54	41	12.50	19	48.26
15	25	7.62	12	30.48	15	25	7.62	10	25.40	55	25	7.62	10	25.40
16	35	10.67	12	30.48	16	30	9.14	10	25.40	56	35	10.67	12	30.48
17	31	9.45	12	30.48	17	30	9.14	14	35.56	57	25	7.62	10	25.40
18	35	10.67	13	33.02	18	35	10.67	12	30.48	58	26	7.92	9	22.86
19	35	10.67	15	38.10	19	25	7.62	10	25.40	59	30	9.14	10	25.40
20	30	9.14	11	27.94	20	20	6.10	10	25.40	60	32	9.75	12	30.48
21	37	11.28	18	45.72	21	35	10.67	12	30.48	61	35	10.67	12	30.48
22	35	10.67	16	40.64	22	31	9.45	12	30.48	62	30	9.14	13	33.02
23	30	9.14	11	27.94	23	35	10.67	15	38.10	63	40	12.19	20	50.80
24	35	10.67	14	35.56	24	35	10.67	14	35.56	64	27	8.23	10	25.40
25	26	7.92	10	25.40	25	20	6.10	10	25.40	65	31	9.45	13	33.02
26	30	9.14	13	33.02	26	27	8.23	11	27.94	66	25	7.62	10	25.40
27	20	6.10	9	22.86	27	35	10.67	14	35.56	67	32	9.75	13	33.02
28	25	7.62	12	30.48	28	36	10.97	13	33.02	68	31	9.45	13	33.02
29	25	7.62	15	38.10	29	25	7.62	12	30.48	69	20	6.10	12	30.48
30	25	7.62	15	38.10	30	30	9.14	15	38.10	70	17	5.18	11	27.94
31	20	6.10	8	20.32	31	35	10.67	19	48.26	71	20	6.10	10	25.40
32	25	7.62	13	33.02	32	30	9.14	12	30.48	72	15	4.57	10	25.40
33	40	12.19	17	43.18	33	30	9.14	15	38.10	73	22	6.71	10	25.40
34	25	7.62	14	35.56	34	30	9.14	13	33.02	74	25	7.62	12	30.48
35	35	10.67	18	45.72	35	45	13.72	22	55.88	75	17	5.18	6	15.24
36	25	7.62	12	30.48	36	30	9.14	10	25.40	76	25	7.62	12	30.48
37	25	7.62	17	43.18	37	31	9.45	11	27.94	77	18	5.49	9	22.86
					38	30	9.14	14	35.56	78	30	9.14	12	30.48
					39	25	7.62	10	25.40	79	28	8.53	11	27.94
					40	35	10.67	21	53.34	80	27	8.23	10	25.40

SUTAN

Terminalia tomentosa / (Ason)					*Soymida febrifuga* / (Rahora)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
81	35	10.67	22	55.88	1	20	6.10	9	2.74	41	15	4.57	7	2.13
82	25	7.62	12	30.48	2	25	7.62	10	3.05	42	4	1.22	12	3.66
83	20	6.10	9	22.86	3	40	12.19	23	7.01	43	30	9.14	10	3.05
84	20	6.10	10	25.40	4	30	9.14	14	4.27	44	15	4.57	9	2.74
85	20	6.10	9	22.86	5	36	10.97	11	3.35	45	35	10.67	16	4.88
86	30	9.14	16	40.64	6	20	6.10	9	2.74	46	30	9.14	12	3.66
87	20	6.10	9	22.86	7	21	6.40	10	3.05	47	26	7.92	10	3.05
88	30	9.14	16	40.64	8	20	6.10	9	2.74	48	45	13.72	25	7.62
89	25	7.62	14	35.56	9	20	6.10	11	3.35	49	30	9.14	13	3.96
90	20	6.10	12	30.48	10	20	6.10	10	3.05	50	35	10.67	17	5.18
91	20	6.10	9	22.86	11	30	9.14	11	3.35	51	25	7.62	11	3.35
92	30	9.14	16	40.64	12	25	7.62	10	3.05	52	35	10.67	14	4.27
93	25	7.62	16	40.64	13	27	8.23	10	3.05	53	30	9.14	14	4.27
94	23	7.01	10	25.40	14	25	7.62	11	3.35	54	25	7.62	10	3.05
95	35	10.67	23	58.42	15	30	9.14	10	3.05	55	27	8.23	14	4.27
96	25	7.62	18	45.72	16	25	7.62	11	3.35	56	25	7.62	13	3.96
97	22	6.71	9	22.86	17	30	9.14	15	4.57	57	15	4.57	8	2.44
98	30	9.14	16	40.64	18	30	9.14	12	3.66	58	15	4.57	11	3.35
99	25	7.62	18	45.72	19	26	7.92	13	3.96	59	25	7.62	11	3.35
100	20	6.10	9	22.86	20	25	7.62	11	3.35	60	25	7.62	20	6.10
101	25	7.62	10	25.40	21	20	6.10	9	2.74	61	20	6.10	9	2.74
102	25	7.62	11	27.94	22	20	6.10	10	3.05	62	25	7.62	10	3.05
103	30	9.14	12	30.48	23	20	6.10	11	3.35	63	25	7.62	12	3.66
104	25	7.62	10	25.40	24	27	8.23	9	2.74	64	20	6.10	12	3.66
105	25	7.62	9	22.86	25	25	7.62	11	3.35	65	22	6.71	19	5.79
106	22	6.71	9	22.86	26	30	9.14	12	3.66	66	25	7.62	16	4.88
107	25	7.62	16	40.64	27	25	7.62	10	3.05	67	20	6.10	9	2.74
108	25	7.62	11	27.94	28	16	4.88	11	3.35	68	15	4.57	10	3.05
109	20	6.10	11	27.94	29	30	9.14	14	4.27	69	25	7.62	14	4.27
110	25	7.62	10	25.40	30	30	9.14	12	3.66	70	25	7.62	11	3.35
111	25	7.62	17	43.18	31	25	7.62	10	3.05	71	20	6.10	11	3.35
112	22	6.71	13	33.02	32	27	8.23	9	2.74	72	15	4.57	9	2.74
113	30	9.14	13	33.02	33	30	9.14	14	4.27	73	22	6.71	9	2.74
114	35	10.67	14	35.56	34	25	7.62	11	3.35	74	20	6.10	12	3.66
115	20	6.10	13	33.02	35	27	8.23	11	3.35	75	25	7.62	13	3.96
116	20	6.10	8	20.32	36	35	10.67	14	4.27	76	20	6.10	9	2.74
					37	20	6.10	10	3.05	77	20	6.10	9	2.74
					38	15	4.57	10	3.05	78	40	12.19	25	7.62
					39	20	6.10	10	3.05	79	20	6.10	12	3.66
					40	30	9.14	11	3.35					

SUTAN

Lannea coromandelica / (Geol/Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	8	20.32
2	25	7.62	12	30.48
3	20	6.10	10	25.40

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	13	33.02
2	21	6.40	10	25.40
3	22	6.71	13	33.02
4	30	9.14	11	27.94

Syzygium jambolanum/ (Jam/Tupa Jam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	14	4.27	12	30.48
2	20	6.10	16	40.64

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	31	78.74
2	40	12.19	34	86.36
3	40	12.19	31	78.74
4	35	10.67	28	71.12
5	45	13.72	40	101.60
6	43	13.11	41	104.14
7	17	5.18	11	27.94
8	12	3.66	7	17.78
9	15	4.57	8	20.32
10	45	13.72	50	127.00
11	35	10.67	48	121.92
12	15	4.57	10	25.40
13	20	6.10	9	22.86
14	30	9.14	35	88.90

Cassia siamea / (Minjiri)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	12	3.66	10	25.40
3	18	5.49	9	22.86
4	18	5.49	11	27.94
5	25	7.62	9	22.86
6	28	8.53	14	35.56
7	15	4.57	10	25.40
8	16	4.88	10	25.40

Bridelia retusa / (Kosai/Bhuans)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	9	22.86
2	20	6.10	17	43.18
3	25	7.62	18	45.72

Holarrhena antidysenterica / (Kurchi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02
2	20	6.10	14	35.56
3	30	9.14	17	43.18
4	20	6.10	9	22.86
5	16	4.88	9	22.86
6	15	4.57	11	27.94
7	20	6.10	11	27.94
8	30	9.14	12	30.48
9	18	5.49	10	25.40

Ficus bengalensis / (Bot)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	16	40.64

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	5	1.52	9	22.86

Ziziphus mauritiana / (Bon Kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	11	27.94
2	25	7.62	11	27.94

Phyllanthus emblica / (Amloki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	10	25.40

SUTAN

Sutan SP 8

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	12	30.48	41	15	4.57	10	25.40	81	26	7.92	14	35.56
2	21	6.40	9	22.86	42	20	6.10	12	30.48	82	35	10.67	21	53.34
3	25	7.62	12	30.48	43	42	12.80	19	48.26	83	37	11.28	14	35.56
4	40	12.19	20	50.80	44	36	10.97	16	40.64	84	25	7.62	12	30.48
5	30	9.14	16	40.64	45	35	10.67	15	38.10	85	20	6.10	18	45.72
6	18	5.49	9.5	24.13	46	26	7.92	23	58.42	86	30	9.14	16	40.64
7	25	7.62	10	25.40	47	43	13.11	23	58.42	87	22	6.71	15	38.10
8	20	6.10	12	30.48	48	35	10.67	17	43.18	88	35	10.67	16	40.64
9	19	5.79	10	25.40	49	36	10.97	20	50.80	89	22	6.71	15	38.10
10	32	9.75	18	45.72	50	36	10.97	13	33.02	90	20	6.10	11	27.94
11	35	10.67	17	43.18	51	40	12.19	25	63.50	91	20	6.10	14	35.56
12	25	7.62	10	25.40	52	26	7.92	18	45.72	92	35	10.67	17	43.18
13	40	12.19	22	55.88	53	26	7.92	17	43.18	93	25	7.62	11	27.94
14	22	6.71	13	33.02	54	45	13.72	25	63.50	94	28	8.53	13	33.02
15	40	12.19	31	78.74	55	15	4.57	15	38.10	95	30	9.14	14	35.56
16	35	10.67	13	33.02	56	30	9.14	17	43.18	96	20	6.10	11	27.94
17	38	11.58	14	35.56	57	46	14.02	32	81.28	97	40	12.19	25	63.50
18	22	6.71	10	25.40	58	21	6.40	10	25.40	98	37	11.28	25	63.50
19	30	9.14	15	38.10	59	20	6.10	7	17.78	99	36	10.97	22	55.88
20	30	9.14	12	30.48	60	15	4.57	8	20.32	100	25	7.62	13	33.02
21	20	6.10	10	25.40	61	25	7.62	14	35.56	101	45	13.72	23	58.42
22	30	9.14	15	38.10	62	50	15.24	33	83.82	102	45	13.72	19	48.26
23	25	7.62	13	33.02	63	22	6.71	10	25.40	103	25	7.62	12	30.48
24	30	9.14	15	38.10	64	17	5.18	10	25.40	104	25	7.62	12	30.48
25	35	10.67	17	43.18	65	25	7.62	13	33.02	105	30	9.14	20	50.80
26	25	7.62	15	38.10	66	22	6.71	11	27.94	106	36	10.97	20	50.80
27	30	9.14	15	38.10	67	40	12.19	20	50.80	107	22	6.71	14	35.56
28	30	9.14	18	45.72	68	25	7.62	12	30.48	108	46	14.02	23	58.42
29	36	10.97	19	48.26	69	15	4.57	7	17.78	109	25	7.62	13	33.02
30	30	9.14	14	35.56	70	20	6.10	12	30.48	110	20	6.10	13	33.02
31	25	7.62	13	33.02	71	25	7.62	13	33.02	111	18	5.49	9	22.86
32	32	9.75	19	48.26	72	53	16.15	22	55.88	112	20	6.10	14	35.56
33	15	4.57	19	48.26	73	30	9.14	13	33.02	113	25	7.62	15	38.10
34	20	6.10	10	25.40	74	25	7.62	14	35.56	114	40	12.19	20	50.80
35	25	7.62	18	45.72	75	36	10.97	15	38.10	115	8	2.44	10	25.40
36	50	15.24	16	40.64	76	40	12.19	23	58.42	116	20	6.10	17	43.18
37	25	7.62	15	38.10	77	40	12.19	22	55.88	117	15	4.57	9	22.86
38	40	12.19	26	66.04	78	17	5.18	10	25.40	118	30	9.14	18	45.72
39	20	6.10	15	38.10	79	15	4.57	12	30.48	119	35	10.67	20	50.80
40	15	4.57	13	33.02	80	25	7.62	14	35.56	120	30	9.14	20	50.80

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	35	10.67	22	55.88	161	30	9.14	18	45.72	201	25	7.62	13	33.02
122	26	7.92	13	33.02	162	30	9.14	16	40.64	202	30	9.14	20	50.80
123	30	9.14	16	40.64	163	31	9.45	16	40.64	203	20	6.10	12	30.48
124	25	7.62	11	27.94	164	25	7.62	16	40.64	204	25	7.62	13	33.02
125	30	9.14	14	35.56	165	45	13.72	23	58.42	205	40	12.19	20	50.80
126	25	7.62	10	25.40	166	22	6.71	10	25.40	206	43	13.11	20	50.80
127	52	15.85	19	48.26	167	25	7.62	12	30.48	207	21	6.40	12	30.48
128	35	10.67	18	45.72	168	25	7.62	15	38.10	208	20	6.10	10	25.40
129	25	7.62	12	30.48	169	25	7.62	16	40.64	209	20	6.10	11	27.94
130	28	8.53	12	30.48	170	35	10.67	23	58.42	210	23	7.01	11	27.94
131	25	7.62	9	22.86	171	25	7.62	16	40.64	211	50	15.24	29	73.66
132	26	7.92	11	27.94	172	22	6.71	15	38.10	212	46	14.02	24	60.96
133	35	10.67	20	50.80	173	20	6.10	16	40.64	213	30	9.14	16	40.64
134	15	4.57	9	22.86	174	30	9.14	18	45.72	214	20	6.10	11	27.94
135	25	7.62	22	55.88	175	23	7.01	10	25.40	215	36	10.97	18	45.72
136	35	10.67	18	45.72	176	35	10.67	18	45.72	216	52	15.85	31	78.74
137	30	9.14	15	38.10	177	25	7.62	14	35.56	217	25	7.62	17	43.18
138	20	6.10	10	25.40	178	30	9.14	22	55.88	218	15	4.57	10	25.40
139	21	6.40	11	27.94	179	35	10.67	23	58.42	219	15	4.57	12	30.48
140	25	7.62	13	33.02	180	26	7.92	10	25.40	220	27	8.23	14	35.56
141	35	10.67	17	43.18	181	15	4.57	10	25.40	221	30	9.14	15	38.10
142	50	15.24	28	71.12	182	35	10.67	19	48.26	222	35	10.67	19	48.26
143	35	10.67	18	45.72	183	15	4.57	10	25.40	223	20	6.10	11	27.94
144	15	4.57	11	27.94	184	27	8.23	18	45.72	224	25	7.62	18	45.72
145	28	8.53	13	33.02	185	26	7.92	13	33.02	225	36	10.97	21	53.34
146	30	9.14	16	40.64	186	20	6.10	18	45.72	226	16	4.88	14	35.56
147	20	6.10	12	30.48	187	22	6.71	13	33.02	227	36	10.97	19	48.26
148	25	7.62	14	35.56	188	20	6.10	16	40.64	228	40	12.19	27	68.58
149	30	9.14	16	40.64	189	20	6.10	14	35.56	229	40	12.19	25	63.50
150	35	10.67	22	55.88	190	21	6.40	10	25.40	230	35	10.67	21	53.34
151	25	7.62	19	48.26	191	35	10.67	21	53.34	231	20	6.10	16	40.64
152	26	7.92	14	35.56	192	30	9.14	17	43.18	232	21	6.40	11	27.94
153	31	9.45	17	43.18	193	25	7.62	11	27.94	233	30	9.14	13	33.02
154	22	6.71	10	25.40	194	50	15.24	22	55.88	234	22	6.71	13	33.02
155	30	9.14	14	35.56	195	25	7.62	14	35.56	235	20	6.10	10	25.40
156	20	6.10	10	25.40	196	25	7.62	16	40.64	236	31	9.45	17	43.18
157	20	6.10	10	25.40	197	31	9.45	17	43.18	237	20	6.10	12	30.48
158	20	6.10	10	25.40	198	23	7.01	10	25.40	238	25	7.62	10	25.40
159	28	8.53	20	50.80	199	45	13.72	29	73.66	239	20	6.10	11	27.94
160	25	7.62	14	35.56	200	24	7.32	12	30.48	240	15	4.57	15	38.10

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	31	9.45	15	38.10	281	15	4.57	10	25.40	321	35	10.67	17	43.18
242	35	10.67	16	40.64	282	25	7.62	12	30.48	322	38	11.58	17	43.18
243	36	10.97	30	76.20	283	22	6.71	9	22.86	323	30	9.14	12	30.48
244	42	12.80	24	60.96	284	46	14.02	22	55.88	324	41	12.50	15	38.10
245	20	6.10	17	43.18	285	26	7.92	17.5	44.45	325	52	15.85	20	50.80
246	45	13.72	22	55.88	286	20	6.10	14	35.56	326	35	10.67	21	53.34
247	25	7.62	14	35.56	287	40	12.19	21	53.34	327	40	12.19	17	43.18
248	20	6.10	12	30.48	288	20	6.10	12	30.48	328	42	12.80	13	33.02
249	20	6.10	13	33.02	289	35	10.67	24	60.96	329	40	12.19	21	53.34
250	30	9.14	13	33.02	290	30	9.14	16	40.64	330	25	7.62	11	27.94
251	20	6.10	10	25.40	291	40	12.19	14	35.56	331	50	15.24	24	60.96
252	37	11.28	19	48.26	292	45	13.72	18	45.72	332	37	11.28	14	35.56
253	25	7.62	18	45.72	293	38	11.58	16	40.64	333	18	5.49	13	33.02
254	41	12.50	20	50.80	294	45	13.72	17.5	44.45	334	50	15.24	28	71.12
255	35	10.67	21	53.34	295	40	12.19	21	53.34	335	50	15.24	25	63.50
256	26	7.92	10	25.40	296	42	12.80	22	55.88	336	20	6.10	9	22.86
257	25	7.62	13	33.02	297	35	10.67	24	60.96	337	50	15.24	22	55.88
258	20	6.10	20	50.80	298	25	7.62	12	30.48	338	45	13.72	20	50.80
259	30	9.14	18	45.72	299	30	9.14	17	43.18	339	25	7.62	12	30.48
260	48	14.63	30	76.20	300	13	3.96	10	25.40	340	25	7.62	12	30.48
261	26	7.92	11	27.94	301	40	12.19	16.5	41.91	341	22	6.71	13	33.02
262	25	7.62	17	43.18	302	38	11.58	11	27.94	342	50	15.24	23	58.42
263	20	6.10	26	66.04	303	30	9.14	11	27.94	343	20	6.10	8	20.32
264	25	7.62	17	43.18	304	25	7.62	12	30.48	344	45	13.72	18	45.72
265	35	10.67	20	50.80	305	14	4.27	9	22.86	345	20	6.10	10	25.40
266	25	7.62	10	25.40	306	20	6.10	10	25.40	346	35	10.67	17	43.18
267	35	10.67	18	45.72	307	20	6.10	11.5	29.21	347	13	3.96	11	27.94
268	35	10.67	16	40.64	308	45	13.72	25	63.50	348	35	10.67	13	33.02
269	20	6.10	12	30.48	309	17	5.18	10	25.40	349	42	12.80	18	45.72
270	20	6.10	12	30.48	310	30	9.14	18	45.72	350	22	6.71	12	30.48
271	40	12.19	21	53.34	311	18	5.49	11	27.94	351	40	12.19	17	43.18
272	36	10.97	15	38.10	312	52	15.85	29	73.66	352	45	13.72	20	50.80
273	20	6.10	11	27.94	313	30	9.14	14	35.56	353	32	9.75	13	33.02
274	35	10.67	16	40.64	314	10	3.05	18	45.72	354	35	10.67	18	45.72
275	35	10.67	20	50.80	315	10	3.05	18	45.72	355	39	11.89	13	33.02
276	20	6.10	21	53.34	316	22	6.71	12	30.48	356	25	7.62	10	25.40
277	30	9.14	17	43.18	317	22	6.71	10	25.40	357	55	16.76	23	58.42
278	45	13.72	17	43.18	318	25	7.62	9	22.86	358	25	7.62	11	27.94
279	30	9.14	14	35.56	319	35	10.67	20	50.80	359	26	7.92	11	27.94
280	25	7.62	14	35.56	320	22	6.71	10	25.40	360	25	7.62	16	40.64

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
361	25	7.62	13	33.02	401	50	15.24	17.5	44.45	441	35	10.67	13	33.02
362	20	6.10	11	27.94	402	40	12.19	14	35.56	442	30	9.14	11	27.94
363	35	10.67	14	35.56	403	35	10.67	15	38.10	443	40	12.19	24	60.96
364	35	10.67	14	35.56	404	35	10.67	16	40.64	444	50	15.24	21	53.34
365	17	5.18	9	22.86	405	45	13.72	20	50.80	445	25	7.62	10	25.40
366	25	7.62	10	25.40	406	28	8.53	19	48.26	446	55	16.76	26	66.04
367	35	10.67	14	35.56	407	20	6.10	12	30.48	447	35	10.67	17	43.18
368	25	7.62	11	27.94	408	35	10.67	19	48.26	448	35	10.67	16	40.64
369	35	10.67	16	40.64	409	22	6.71	10	25.40	449	25	7.62	11	27.94
370	65	19.81	30	76.20	410	55	16.76	28	71.12	450	30	9.14	15	38.10
371	35	10.67	13	33.02	411	30	9.14	10	25.40	451	30	9.14	13	33.02
372	35	10.67	16	40.64	412	65	19.81	31	78.74	452	50	15.24	34	86.36
373	25	7.62	12	30.48	413	20	6.10	12	30.48	453	34	10.36	14	35.56
374	17	5.18	8	20.32	414	40	12.19	17	43.18	454	45	13.72	16	40.64
375	44	13.41	19	48.26	415	22	6.71	12	30.48	455	30	9.14	13	33.02
376	26	7.92	11.5	29.21	416	38	11.58	20	50.80	456	52	15.85	19	48.26
377	35	10.67	13	33.02	417	55	16.76	23	58.42	457	25	7.62	22	55.88
378	40	12.19	17	43.18	418	42	12.80	13	33.02	458	42	12.80	20	50.80
379	36	10.97	12	30.48	419	20	6.10	17	43.18	459	30	9.14	15	38.10
380	63	19.20	29	73.66	420	35	10.67	21	53.34	460	55	16.76	24	60.96
381	25	7.62	10	25.40	421	15	4.57	18	45.72	461	35	10.67	16	40.64
382	25	7.62	11	27.94	422	55	16.76	25	63.50	462	35	10.67	15	38.10
383	30	9.14	13	33.02	423	20	6.10	12	30.48	463	26	7.92	16	40.64
384	25	7.62	13	33.02	424	20	6.10	12	30.48	464	45	13.72	17.5	44.45
385	38	11.58	16	40.64	425	35	10.67	16	40.64	465	40	12.19	18	45.72
386	40	12.19	17	43.18	426	45	13.72	15.5	39.37	466	35	10.67	14	35.56
387	35	10.67	13	33.02	427	30	9.14	13	33.02	467	20	6.10	20	50.80
388	26	7.92	12	30.48	428	55	16.76	29	73.66	468	25	7.62	15	38.10
389	32	9.75	12	30.48	429	35	10.67	18	45.72	469	55	16.76	30	76.20
390	25	7.62	14	35.56	430	40	12.19	19	48.26	470	45	13.72	14	35.56
391	60	18.29	23	58.42	431	30	9.14	12	30.48	471	40	12.19	17	43.18
392	35	10.67	15	38.10	432	22	6.71	10	25.40	472	25	7.62	12	30.48
393	40	12.19	17	43.18	433	65	19.81	39	99.06	473	40	12.19	16	40.64
394	30	9.14	14	35.56	434	42	12.80	15	38.10	474	45	13.72	19	48.26
395	40	12.19	18	45.72	435	30	9.14	18	45.72	475	52	15.85	18	45.72
396	50	15.24	27	68.58	436	30	9.14	11	27.94	476	60	18.29	31	78.74
397	15	4.57	17	43.18	437	30	9.14	11	27.94	477	35	10.67	12	30.48
398	32	9.75	13	33.02	438	25	7.62	10	25.40	478	40	12.19	22	55.88
399	25	7.62	11	27.94	439	15	4.57	10	25.40	479	30	9.14	15	38.10
400	23	7.01	11	27.94	440	40	12.19	20	50.80	480	40	12.19	18	45.72

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
481	25	7.62	12	30.48	521	30	9.14	15	38.10	561	25	7.62	10	25.40
482	30	9.14	14	35.56	522	25	7.62	11	27.94	562	48	14.63	25	63.50
483	48	14.63	17	43.18	523	32	9.75	15	38.10	563	45	13.72	21	53.34
484	40	12.19	20	50.80	524	30	9.14	14	35.56	564	30	9.14	12	30.48
485	32	9.75	13	33.02	525	35	10.67	12	30.48	565	20	6.10	10	25.40
486	30	9.14	13	33.02	526	35	10.67	17	43.18	566	25	7.62	9	22.86
487	45	13.72	22	55.88	527	38	11.58	22	55.88	567	35	10.67	17	43.18
488	35	10.67	13	33.02	528	40	12.19	18	45.72	568	40	12.19	13	33.02
489	35	10.67	13	33.02	529	30	9.14	14	35.56	569	40	12.19	19	48.26
490	25	7.62	12	30.48	530	35	10.67	19	48.26	570	40	12.19	18	45.72
491	25	7.62	13	33.02	531	50	15.24	25	63.50	571	35	10.67	15	38.10
492	50	15.24	22	55.88	532	30	9.14	19	48.26	572	25	7.62	10	25.40
493	40	12.19	18	45.72	533	22	6.71	12	30.48	573	25	7.62	13	33.02
494	15	4.57	11	27.94	534	18	5.49	11	27.94	574	25	7.62	9	22.86
495	24	7.32	10	25.40	535	20	6.10	12	30.48	575	45	13.72	23	58.42
496	35	10.67	15	38.10	536	35	10.67	16	40.64	576	40	12.19	17	43.18
497	50	15.24	21	53.34	537	40	12.19	23	58.42	577	50	15.24	22	55.88
498	25	7.62	11	27.94	538	55	16.76	21	53.34	578	40	12.19	15	38.10
499	50	15.24	24	60.96	539	20	6.10	9	22.86	579	40	12.19	22	55.88
500	40	12.19	17	43.18	540	32	9.75	12	30.48	580	45	13.72	18	45.72
501	52	15.85	22	55.88	541	20	6.10	10	25.40	581	40	12.19	22	55.88
502	50	15.24	22	55.88	542	25	7.62	10	25.40	582	35	10.67	13	33.02
503	40	12.19	18	45.72	543	20	6.10	10	25.40	583	40	12.19	17	43.18
504	35	10.67	15	38.10	544	30	9.14	19	48.26	584	45	13.72	25	63.50
505	30	9.14	12	30.48	545	30	9.14	13	33.02	585	50	15.24	24	60.96
506	26	7.92	12	30.48	546	30	9.14	18	45.72	586	32	9.75	15	38.10
507	35	10.67	16	40.64	547	45	13.72	20	50.80	587	30	9.14	16	40.64
508	60	18.29	25	63.50	548	40	12.19	17	43.18	588	16	4.88	10	25.40
509	40	12.19	21	53.34	549	40	12.19	21	53.34	589	35	10.67	12	30.48
510	35	10.67	16	40.64	550	55	16.76	22	55.88	590	30	9.14	12	30.48
511	18	5.49	10	25.40	551	50	15.24	18	45.72	591	38	11.58	15	38.10
512	22	6.71	10	25.40	552	23	7.01	9	22.86	592	40	12.19	16	40.64
513	50	15.24	26	66.04	553	40	12.19	21	53.34	593	30	9.14	14	35.56
514	35	10.67	15	38.10	554	40	12.19	16	40.64	594	40	12.19	31	78.74
515	25	7.62	11	27.94	555	22	6.71	14	35.56	595	52	15.85	18	45.72
516	20	6.10	11	27.94	556	35	10.67	24	60.96	596	35	10.67	16	40.64
517	35	10.67	16	40.64	557	12	3.66	14	35.56	597	25	7.62	9	22.86
518	48	14.63	20	50.80	558	35	10.67	12	30.48	598	35	10.67	14	35.56
519	65	19.81	30	76.20	559	40	12.19	18	45.72	599	30	9.14	14	35.56
520	55	16.76	25	63.50	560	35	10.67	16	40.64	600	40	12.19	17	43.18

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
601	20	6.10	10	25.40	641	45	13.72	23	58.42	681	35	10.67	12	30.48
602	25	7.62	11	27.94	642	32	9.75	12	30.48	682	35	10.67	13	33.02
603	42	12.80	26	66.04	643	55	16.76	20	50.80	683	19	5.79	23	58.42
604	25	7.62	8	20.32	644	60	18.29	29	73.66	684	25	7.62	12	30.48
605	22	6.71	10	25.40	645	35	10.67	15	38.10	685	40	12.19	14	35.56
606	40	12.19	14	35.56	646	35	10.67	15	38.10	686	40	12.19	13	33.02
607	36	10.97	16	40.64	647	50	15.24	23	58.42	687	48	14.63	22	55.88
608	15	4.57	13	33.02	648	25	7.62	13	33.02	688	35	10.67	18	45.72
609	40	12.19	20	50.80	649	25	7.62	10	25.40	689	36	10.97	11	27.94
610	18	5.49	10	25.40	650	62	18.90	21	53.34	690	30	9.14	12	30.48
611	25	7.62	12	30.48	651	50	15.24	22.5	57.15	691	35	10.67	15	38.10
612	30	9.14	13	33.02	652	50	15.24	22	55.88	692	45	13.72	20	50.80
613	45	13.72	20	50.80	653	35	10.67	19	48.26	693	65	19.81	31	78.74
614	22	6.71	10	25.40	654	20	6.10	11	27.94	694	30	9.14	18	45.72
615	25	7.62	10	25.40	655	25	7.62	10	25.40	695	22	6.71	10	25.40
616	48	14.63	23	58.42	656	35	10.67	10	25.40	696	35	10.67	17	43.18
617	40	12.19	16	40.64	657	32	9.75	15	38.10	697	42	12.80	13	33.02
618	35	10.67	15	38.10	658	25	7.62	11	27.94	698	35	10.67	15	38.10
619	26	7.92	13	33.02	659	50	15.24	21	53.34	699	35	10.67	13	33.02
620	55	16.76	26	66.04	660	48	14.63	18	45.72	700	40	12.19	21	53.34
621	25	7.62	12.5	31.75	661	35	10.67	13	33.02	701	50	15.24	26	66.04
622	45	13.72	21	53.34	662	18	5.49	11	27.94	702	35	10.67	20	50.80
623	40	12.19	14	35.56	663	40	12.19	20	50.80	703	32	9.75	16.5	41.91
624	25	7.62	10	25.40	664	21	6.40	10	25.40	704	35	10.67	12	30.48
625	30	9.14	15	38.10	665	26	7.92	10.5	26.67	705	15	4.57	8	20.32
626	42	12.80	19	48.26	666	45	13.72	19	48.26	706	25	7.62	15	38.10
627	25	7.62	12	30.48	667	35	10.67	10	25.40	707	25	7.62	13	33.02
628	17	5.18	11	27.94	668	30	9.14	11	27.94	708	48	14.63	18	45.72
629	35	10.67	12	30.48	669	40	12.19	19	48.26	709	25	7.62	12	30.48
630	58	17.68	25	63.50	670	42	12.80	15	38.10	710	55	16.76	26	66.04
631	25	7.62	13	33.02	671	35	10.67	17	43.18	711	25	7.62	11	27.94
632	30	9.14	14	35.56	672	52	15.85	22	55.88	712	35	10.67	15	38.10
633	45	13.72	16.5	41.91	673	45	13.72	23	58.42	713	40	12.19	14	35.56
634	40	12.19	23	58.42	674	29	8.84	22	55.88	714	35	10.67	14	35.56
635	50	15.24	19	48.26	675	45	13.72	21	53.34	715	22	6.71	10	25.40
636	35	10.67	15	38.10	676	26	7.92	11	27.94	716	30	9.14	10	25.40
637	25	7.62	11	27.94	677	22	6.71	10	25.40	717	35	10.67	15	38.10
638	45	13.72	20	50.80	678	50	15.24	21	53.34	718	20	6.10	9	22.86
639	26	7.92	12	30.48	679	30	9.14	14	35.56	719	30	9.14	11	27.94
640	35	10.67	12	30.48	680	26	7.92	11	27.94	720	32	9.75	10	25.40

SUTAN

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
721	40	12.19	22	55.88	761	18	5.49	10	25.40	801	30	9.14	18	45.72
722	26	7.92	12	30.48	762	35	10.67	13	33.02	802	42	12.80	15	38.10
723	60	18.29	28	71.12	763	20	6.10	10	25.40	803	40	12.19	21	53.34
724	45	13.72	17	43.18	764	17	5.18	9	22.86	804	65	19.81	27	68.58
725	45	13.72	17	43.18	765	20	6.10	10	25.40	805	45	13.72	20	50.80
726	45	13.72	25	63.50	766	40	12.19	14	35.56	806	25	7.62	11	27.94
727	35	10.67	14	35.56	767	20	6.10	22	55.88	807	22	6.71	11	27.94
728	60	18.29	26	66.04	768	25	7.62	11	27.94	808	35	10.67	16	40.64
729	45	13.72	22	55.88	769	45	13.72	18	45.72	809	50	15.24	27	68.58
730	28	8.53	14	35.56	770	40	12.19	24	60.96	810	40	12.19	13	33.02
731	40	12.19	18	45.72	771	35	10.67	12	30.48	811	45	13.72	21	53.34
732	20	6.10	17	43.18	772	20	6.10	10	25.40	812	30	9.14	16	40.64
733	26	7.92	11	27.94	773	40	12.19	20	50.80	813	20	6.10	16	40.64
734	35	10.67	14	35.56	774	48	14.63	17	43.18	814	35	10.67	17	43.18
735	45	13.72	18	45.72	775	35	10.67	16	40.64	815	25	7.62	10	25.40
736	20	6.10	9	22.86	776	25	7.62	13	33.02	816	35	10.67	13	33.02
737	45	13.72	23	58.42	777	42	12.80	18	45.72	817	45	13.72	22	55.88
738	25	7.62	10	25.40	778	35	10.67	13	33.02	818	35	10.67	17	43.18
739	45	13.72	23	58.42	779	30	9.14	12	30.48	819	30	9.14	13	33.02
740	40	12.19	16	40.64	780	25	7.62	10	25.40	820	50	15.24	23	58.42
741	35	10.67	16	40.64	781	35	10.67	13	33.02	821	35	10.67	15	38.10
742	20	6.10	17	43.18	782	20	6.10	10	25.40	822	30	9.14	13	33.02
743	28	8.53	11	27.94	783	20	6.10	18	45.72	823	35	10.67	12	30.48
744	35	10.67	13	33.02	784	30	9.14	12	30.48	824	35	10.67	15	38.10
745	40	12.19	22	55.88	785	25	7.62	18	45.72	825	30	9.14	10	25.40
746	38	11.58	15	38.10	786	30	9.14	24	60.96	826	45	13.72	16	40.64
747	35	10.67	17	43.18	787	35	10.67	19	48.26	827	25	7.62	13	33.02
748	55	16.76	22	55.88	788	42	12.80	18	45.72	828	27	8.23	12	30.48
749	20	6.10	18	45.72	789	25	7.62	14	35.56	829	30	9.14	10	25.40
750	35	10.67	12	30.48	790	20	6.10	23	58.42	830	57	17.37	24	60.96
751	40	12.19	18	45.72	791	18	5.49	11	27.94	831	25	7.62	13	33.02
752	30	9.14	11	27.94	792	30	9.14	14	35.56	832	18	5.49	10	25.40
753	25	7.62	12	30.48	793	50	15.24	24	60.96	833	25	7.62	11	27.94
754	30	9.14	23	58.42	794	23	7.01	11	27.94	834	35	10.67	18	45.72
755	45	13.72	30	76.20	795	30	9.14	18	45.72	835	30	9.14	13	33.02
756	32	9.75	12	30.48	796	40	12.19	18	45.72	836	15	4.57	9	22.86
757	26	7.92	11	27.94	797	26	7.92	16	40.64	837	40	12.19	18	45.72
758	35	10.67	13	33.02	798	30	9.14	14	35.56	838	62	18.90	26	66.04
759	25	7.62	12	30.48	799	45	13.72	19	48.26	839	35	10.67	16	40.64
760	25	7.62	11	27.94	800	35	10.67	14	35.56	840	25	7.62	10	25.40

SUTAN

Shorea robusta / (Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
841	45	13.72	14.5	36.83
842	40	12.19	14	35.56
843	22	6.71	10	25.40
844	22	6.71	17	43.18
845	35	10.67	16	40.64
846	25	7.62	12	30.48
847	17	5.18	10	25.40
848	30	9.14	13	33.02
849	21	6.40	9	22.86
850	55	16.76	29	73.66
851	40	12.19	17	43.18
852	40	12.19	18	45.72
853	25	7.62	10	25.40
854	20	6.10	17	43.18
855	40	12.19	15	38.10
856	35	10.67	12	30.48
857	35	10.67	11	27.94
858	20	6.10	9	22.86
859	35	10.67	11	27.94
860	20	6.10	9	22.86
861	40	12.19	14	35.56
862	50	15.24	22	55.88

Cassia siamea / (Minjiri)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	9	22.86
2	40	12.19	17	43.18
3	30	9.14	17	43.18

Phyllanthus emblica / (Amloki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.4
2	25	7.62	11	27.9
3	25	7.62	13	33.0

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	24	7.32	12	30.48	41	20	6.10	10	25.40					
2	30	9.14	11	27.94	42	42	12.80	18	45.72					
3	20	6.10	13	33.02	43	25	7.62	14	35.56					
4	15	4.57	8	20.32	44	25	7.62	11	27.94					
5	20	6.10	12	30.48	45	25	7.62	11	27.94					
6	22	6.71	12	30.48	46	20	6.10	10	25.40					
7	30	9.14	14	35.56	47	20	6.10	9	22.86					
8	17	5.18	8	20.32	48	21	6.40	10	25.40					
9	20	6.10	11	27.94										
10	25	7.62	12	30.48										
11	22	6.71	10	25.40										
12	20	6.10	12	30.48										
13	32	9.75	15	38.10										
14	25	7.62	11	27.94										
15	30	9.14	11	27.94										
16	25	7.62	11	27.94										
17	30	9.14	14	35.56										
18	20	6.10	13	33.02										
19	35	10.67	12	30.48										
20	21	6.40	11	27.94										
21	20	6.10	11	27.94										
22	20	6.10	8	20.32										
23	35	10.67	12	30.48										
24	30	9.14	13	33.02										
25	20	6.10	10	25.40										
26	20	6.10	9	22.86										
27	35	10.67	14	35.56										
28	23	7.01	12	30.48										
29	35	10.67	17	43.18										
30	35	10.67	13	33.02										
31	25	7.62	12	30.48										
32	20	6.10	11	27.94										
33	25	7.62	12	30.48										
34	25	7.62	9	22.86										
35	35	10.67	14	35.56										
36	30	9.14	13	33.02										
37	35	10.67	12	30.48										
38	28	8.53	10	25.40										
39	35	10.67	13	33.02										
40	25	7.62	12	30.48										

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	16	40.64
2	25	7.62	13	33.02
3	25	7.62	10	25.40
4	25	7.62	16	40.64
5	20	6.10	15	38.10
6	20	6.10	10	25.40
7	25	7.62	17	43.18
8	21	6.40	11	27.94
9	20	6.10	10	25.40
10	20	6.10	13	33.02
11	38	11.58	12	30.48
12	22	6.71	9	22.86
13	20	6.10	9	22.86
14	30	9.14	13	33.02

Bridelia retusa / (Kosai/Bhuans)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	19	48.26
2	32	9.75	14	35.56
3	25	7.62	11	27.94
4	35	10.67	14	35.56
5	42	12.80	20	50.80
6	20	6.10	7	17.78

SUTAN

Anogeissus latifolia / (Dhaw)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	12	30.48	41	26	7.92	10	25.40	1	35	10.67	20.5	52.07
2	25	7.62	10	25.40	42	20	6.10	9	22.86	2	20	6.10	10	25.40
3	35	10.67	14	35.56	43	22	6.71	9	22.86	3	41	12.50	25	63.50
4	22	6.71	10	25.40	44	18	5.49	9	22.86	4	15	4.57	8	20.32
5	31	9.45	13	33.02	45	20	6.10	10	25.40	5	22	6.71	14	35.56
6	30	9.14	12	30.48	46	20	6.10	11	27.94	6	20	6.10	16	40.64
7	22	6.71	10	25.40	47	15	4.57	7	17.78	7	15	4.57	7	17.78
8	30	9.14	12	30.48	48	25	7.62	12	30.48	8	40	12.19	44	111.76
9	20	6.10	9	22.86	49	25	7.62	10	25.40	9	35	10.67	40	101.60
10	16	4.88	9	22.86	50	15	4.57	7	17.78	10	25	7.62	17	43.18
11	28	8.53	10	25.40	51	17	5.18	9	22.86	11	20	6.10	9	22.86
12	32	9.75	14	35.56	52	30	9.14	13	33.02	12	40	12.19	22	55.88
13	27	8.23	10	25.40						13	50	15.24	25	63.50
14	35	10.67	20	50.80						14	30	9.14	14	35.56
15	20	6.10	10	25.40						15	42	12.80	20	50.80
16	32	9.75	14	35.56	*Pterocarpus marsupium* / (Piyasal)					16	15	4.57	8	20.32
17	25	7.62	10	25.40	SL. NO.	Height		Girth		17	35	10.67	15	38.10
18	35	10.67	14	35.56		ft	m	inch	cm	18	25	7.62	13	33.02
19	20	6.10	12	30.48	1	15	4.57	10	25.4	19	35	10.67	15	38.10
20	25	7.62	11	27.94	2	20	6.10	8	20.3	20	40	12.19	26	66.04
21	26	7.92	13	33.02	3	16	4.88	10	25.4	21	20	6.10	11	27.94
22	38	11.58	13	33.02	4	17	5.18	8	20.3	22	45	13.72	24	60.96
23	28	8.53	11	27.94	5	16	4.88	8	20.3	23	20	6.10	9	22.86
24	35	10.67	8	20.32	6	15	4.57	13	33.0	24	20	6.10	11	27.94
25	22	6.71	11	27.94	7	15	4.57	7	17.8	25	40	12.19	9	22.86
26	23	7.01	10	25.40	8	10	3.05	9	22.9	26	42	12.80	21	53.34
27	35	10.67	16	40.64						27	19	5.79	11	27.94
28	26	7.92	15	38.10						28	40	12.19	25	63.50
29	25	7.62	11	27.94						29	35	10.67	24	60.96
30	18	5.49	11	27.94	*Morinda citrifolia* / (Auch/Noni)					30	50	15.24	19	48.26
31	30	9.14	10	25.40		Height		Girth		31	40	12.19	20	50.80
32	30	9.14	13	33.02	SL. NO.	ft	m	inch	cm	32	15	4.57	10	25.40
33	25	7.62	10	25.40	1	14	4.27	10.5	26.67	33	40	12.19	14	35.56
34	30	9.14	10	25.40	2	13	3.96	7	17.78					
35	20	6.10	8	20.32	3	25	7.62	19	48.26					
36	25	7.62	9	22.86	4	18	5.49	15	38.10					
37	35	10.67	13	33.02	5	20	6.10	18	45.72	*Syzygium jambolanum*/ (Jam/Tupa Jam)				
38	26	7.92	12	30.48	6	15	4.57	16	40.64	SL. NO.	Height		Girth	
39	30	9.14	12	30.48							ft	m	inch	cm
40	20	6.10	11	27.94						1	12	3.66	13	33.02

SUTAN

Semecarpas anacardium / (Vella)										*Terminalia tomentosa* / (Ason)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	16	40.64	41	40	12.19	19	48.26	1	25	7.62	16	40.64
2	35	10.67	15	38.10	42	28	8.53	12	30.48	2	20	6.10	12	30.48
3	25	7.62	14	35.56	43	40	12.19	18	45.72	3	17	5.18	8	20.32
4	20	6.10	15	38.10	44	30	9.14	15	38.10	4	18	5.49	12	30.48
5	25	7.62	14	35.56	45	30	9.14	11	27.94	5	25	7.62	10.5	26.67
6	30	9.14	20	50.80	46	35	10.67	20	50.80	6	30	9.14	18	45.72
7	30	9.14	19	48.26	47	35	10.67	25	63.50	7	25	7.62	12	30.48
8	20	6.10	11	27.94	48	40	12.19	29	73.66	8	30	9.14	17	43.18
9	21	6.40	11	27.94	49	28	8.53	15.5	39.37	9	16	4.88	10	25.40
10	25	7.62	13	33.02	50	35	10.67	15	38.10	10	32	9.75	15	38.10
11	40	12.19	21	53.34	51	25	7.62	13	33.02	11	38	11.58	20	50.80
12	35	10.67	19	48.26						12	16	4.88	18	45.72
13	30	9.14	12	30.48						13	26	7.92	11	27.94
14	30	9.14	12	30.48	*Terminalia chebula* / (Haritoki)					14	25	7.62	15	38.10
15	35	10.67	15	38.10	SL. NO.	Height		Girth		15	26	7.92	12	30.48
16	30	9.14	11	27.94		ft	m	inch	cm	16	25	7.62	9	22.86
17	27	8.23	17	43.18	1	25	7.62	13	33.02	17	30	9.14	13	33.02
18	42	12.80	16	40.64	2	20	6.10	8	20.32	18	30	9.14	14	35.56
19	22	6.71	9	22.86	3	26	7.92	20	50.80	19	15	4.57	10	25.40
20	46	14.02	23	58.42	4	25	7.62	19	48.26	20	20	6.10	9.5	24.13
21	40	12.19	27.5	69.85	5	20	6.10	14	35.56	21	35	10.67	21	53.34
22	40	12.19	20	50.80	6	20	6.10	9	22.86	22	15	4.57	9	22.86
23	25	7.62	10	25.40	7	20	6.10	10	25.40	23	20	6.10	10	25.40
24	35	10.67	14	35.56	8	25	7.62	13	33.02	24	30	9.14	17	43.18
25	25	7.62	12	30.48	9	15	4.57	8	20.32	25	20	6.10	11	27.94
26	30	9.14	12	30.48	10	18	5.49	8	20.32	26	20	6.10	10	25.40
27	15	4.57	6	15.24	11	25	7.62	10	25.40	27	30	9.14	14	35.56
28	32	9.75	13	33.02	12	20	6.10	15	38.10	28	18	5.49	10	25.40
29	25	7.62	10	25.40	13	23	7.01	11	27.94	29	40	12.19	23	58.42
30	25	7.62	14	35.56	14	30	9.14	12	30.48	30	30	9.14	13	33.02
31	20	6.10	12	30.48	15	14	4.27	7	17.78	31	16	4.88	9	22.86
32	35	10.67	17	43.18	16	20	6.10	10	25.40	32	18	5.49	9	22.86
33	30	9.14	13	33.02	17	28	8.53	13	33.02	33	25	7.62	9	22.86
34	40	12.19	19	48.26						34	35	10.67	14	35.56
35	25	7.62	11	27.94						35	42	12.80	12	30.48
36	26	7.92	14	35.56						36	25	7.62	10	25.40
37	25	7.62	10	25.40	*Cochlospermum religiosum* / (Galgali)					37	35	10.67	14	35.56
38	19	5.79	10	25.40	SL. NO.	Height		Girth		38	40	12.19	23	58.42
39	32	9.75	14	35.56		ft	m	inch	cm	39	20	6.10	8	20.32
40	17	5.18	9	22.86	1	18	5.49	8	20.32	40	35	10.67	13	33.02

Cleistanthus collinus / (Parasi)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	35	10.67	14	35.56	1	10	3.05	10	25.40	41	12	3.66	7	17.78
42	40	12.19	23	58.42	2	10	3.05	10	25.40	42	18	5.49	11	27.94
43	40	12.19	16	40.64	3	16	4.88	10	25.40	43	20	6.10	10	25.40
44	50	15.24	21	53.34	4	15	4.57	10	25.40	44	17	5.18	10	25.40
45	31	9.45	16	40.64	5	18	5.49	10	25.40	45	20	6.10	10	25.40
46	30	9.14	11	27.94	6	15	4.57	7	17.78	46	15	4.57	9	22.86
47	25	7.62	10	25.40	7	17	5.18	10	25.40	47	15	4.57	10	25.40
48	25	7.62	12	30.48	8	19	5.79	12	30.48	48	17	5.18	9	22.86
49	35	10.67	12	30.48	9	22	6.71	14	35.56	49	20	6.10	9	22.86
50	25	7.62	11	27.94	10	15	4.57	9	22.86	50	13	3.96	9	22.86
51	47	14.33	21	53.34	11	15	4.57	10	25.40					
52	20	6.10	11	27.94	12	17	5.18	11	27.94					
53	28	8.53	14	35.56	13	10	3.05	10	25.40	*Lannea coromandelica* / (Geol/Doka)				
54	25	7.62	10	25.40	14	20	6.10	14	35.56					
55	35	10.67	15	38.10	15	13	3.96	11	27.94	SL. NO.	Height		Girth	
56	32	9.75	17	43.18	16	16	4.88	9	22.86		ft	m	inch	cm
57	35	10.67	12	30.48	17	15	4.57	12	30.48	1	20	6.10	10	25.40
58	35	10.67	15	38.10	18	22	6.71	9	22.86	2	22	6.71	10	25.40
59	20	6.10	8	20.32	19	14	4.27	10	25.40	3	40	12.19	17	43.18
60	20	6.10	10	25.40	20	18	5.49	12	30.48	4	30	9.14	13	33.02
61	30	9.14	11	27.94	21	15	4.57	8	20.32	5	35	10.67	12	30.48
62	25	7.62	10	25.40	22	15	4.57	11	27.94	6	25	7.62	11	27.94
63	20	6.10	12	30.48	23	18	5.49	11	27.94					
64	25	7.62	10	25.40	24	13	3.96	10	25.40					
65	20	6.10	12	30.48	25	15	4.57	9	22.86					
66	25	7.62	10	25.40	26	18	5.49	10	25.40	*Terminalia bellirica* / (Bohera)				
67	25	7.62	12	30.48	27	17	5.18	14	35.56	SL. NO	Height		Girth	
68	30	9.14	13	33.02	28	22	6.71	12	30.48		ft	m	inch	cm
69	24	7.32	12	30.48	29	17	5.18	11	27.94	1	35	10.67	13	33.02
70	30	9.14	13	33.02	30	17	5.18	10	25.40	2	35	10.67	13	33.02
71	30	9.14	13	33.02	31	13	3.96	11	27.94	3	38	11.58	14	35.56
72	38	11.58	14	35.56	32	20	6.10	10	25.40					
73	25	7.62	10	25.40	33	17	5.18	8	20.32					
74	25	7.62	10	25.40	34	15	4.57	10	25.40	*Sterospermum suaveolens* / (Parul)				
75	25	7.62	10	25.40	35	25	7.62	15	38.10	SL. NO.	Height		Girth	
76	20	6.10	11	27.94	36	15	4.57	10	25.40		ft	m	inch	cm
77	21	6.40	10	25.40	37	20	6.10	10	25.40	1	45	13.72	16	40.64
78	17	5.18	9	22.86	38	10	3.05	10	25.40	2	26	7.92	11	27.94
79	42	12.80	15	38.10	39	20	6.10	12	30.48	3	25	7.62	18	45.72
80	32	9.75	15	38.10	40	15	4.57	10	25.40	4	30	9.14	13	33.02

SUTAN

Soymida febrifuga / (Rahora)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	22	6.71	14	35.56	41	32	9.75	15	38.10	81	47	14.33	23	58.42
2	22	6.71	17	43.18	42	15	4.57	12	30.48	82	20	6.10	13	33.02
3	24	7.32	18	45.72	43	25	7.62	11	27.94	83	25	7.62	15	38.10
4	30	9.14	16	40.64	44	12	3.66	10	25.40	84	20	6.10	11	27.94
5	32	9.75	24	60.96	45	20	6.10	10	25.40	85	40	12.19	14	35.56
6	25	7.62	14	35.56	46	40	12.19	21	53.34	86	20	6.10	11	27.94
7	8	2.44	15	38.10	47	30	9.14	12	30.48	87	30	9.14	16	40.64
8	20	6.10	11	27.94	48	20	6.10	12	30.48	88	20	6.10	13	33.02
9	21	6.40	11	27.94	49	22	6.71	12	30.48	89	20	6.10	9	22.86
10	17	5.18	10	25.40	50	13	3.96	9	22.86	90	21	6.40	10	25.40
11	34	10.36	21	53.34	51	25	7.62	15	38.10	91	20	6.10	9	22.86
12	17	5.18	10	25.40	52	45	13.72	21	53.34	92	20	6.10	9	22.86
13	30	9.14	22	55.88	53	10	3.05	16	40.64	93	20	6.10	9	22.86
14	20	6.10	12	30.48	54	13	3.96	9	22.86	94	25	7.62	11	27.94
15	22	6.71	14	35.56	55	18	5.49	9	22.86	95	20	6.10	9	22.86
16	20	6.10	18	45.72	56	36	10.97	18	45.72	96	18	5.49	13	33.02
17	15	4.57	9	22.86	57	20	6.10	17	43.18	97	25	7.62	11	27.94
18	25	7.62	13	33.02	58	15	4.57	9	22.86					
19	25	7.62	10	25.40	59	25	7.62	14	35.56					
20	25	7.62	15	38.10	60	15	4.57	19	48.26	*Gardenia latifolia* / (Dombhurru)				
21	15	4.57	10	25.40	61	15	4.57	9	22.86	SL. NO.	Height		Girth	
22	18	5.49	12	30.48	62	20	6.10	11	27.94		ft	m	inch	cm
23	25	7.62	13	33.02	63	20	6.10	10	25.40	1	20	6.10	14	35.56
24	25	7.62	12	30.48	64	20	6.10	10	25.40	2	26	7.92	15	38.10
25	35	10.67	16	40.64	65	32	9.75	16	40.64	3	25	7.62	18	45.72
26	30	9.14	19	48.26	66	20	6.10	13	33.02	4	25	7.62	15	38.10
27	20	6.10	10	25.40	67	18	5.49	11	27.94					
28	25	7.62	13	33.02	68	30	9.14	13	33.02					
29	15	4.57	9	22.86	69	20	6.10	10	25.40	*Adina cordifolia* / (Korom/Holdu)				
30	17	5.18	8	20.32	70	35	10.67	18	45.72	SL. NO.	Height		Girth	
31	20	6.10	12	30.48	71	35	10.67	15	38.10		ft	m	inch	cm
32	25	7.62	12	30.48	72	20	6.10	10	25.40	1	27	8.23	14	35.56
33	20	6.10	8	20.32	73	15	4.57	10	25.40	2	20	6.10	19	48.26
34	35	10.67	14	35.56	74	32	9.75	20	50.80					
35	30	9.14	16	40.64	75	30	9.14	15	38.10					
36	30	9.14	16	40.64	76	18	5.49	10	25.40					
37	20	6.10	9	22.86	77	25	7.62	13	33.02	*Ougeinia oojeinensis* / (Panjan)				
38	15	4.57	9	22.86	78	15	4.57	10	25.40	SL. NO.	Height		Girth	
39	35	10.67	17	43.18	79	30	9.14	13	33.02		ft	m	inch	cm
40	16	4.88	9	22.86	80	20	6.10	9	22.86	1	15	4.57	9	22.86

SUTAN

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	6	15.24
2	40	12.19	48	121.92
3	54	16.46	58	147.32
4	36	10.97	31	78.74
5	15	4.57	7	17.78
6	15	4.57	8	20.32
7	45	13.72	55	139.70
8	12	3.66	8	20.32
9	18	5.49	11	27.94
10	21	6.40	9	22.86
11	40	12.19	31	78.74
12	18	5.49	8	20.32
13	40	12.19	41	104.14
14	12	3.66	8	20.32
15	13	3.96	7	17.78
16	15	4.57	9	22.86
17	15	4.57	8	20.32
18	12	3.66	10	25.40
19	18	5.49	9	22.86

Careya arborea / (Kumbhi/Astha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	10	25.40

Albizia lebbeck / (Swet Siris/Siris)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	26	66.04

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	22	6.71	10	25.40
3	35	10.67	16	40.64
4	15	4.57	7	17.78
5	17	5.18	8	20.32
6	24	7.32	11	27.94
7	22	6.71	11	27.94
8	20	6.10	9	22.86
9	17	5.18	8	20.32
10	20	6.10	11	27.94
11	30	9.14	9	22.86
12	26	7.92	16	40.64
13	20	6.10	12	30.48
14	35	10.67	15	38.10
15	25	7.62	16	40.64

MD BAZAR

Md. Bazar SP 4

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	65	19.81	35	88.90	41	20	6.10	22	55.88	81	20	6.10	13	33.02
2	25	7.62	16	40.64	42	20	6.10	12	30.48	82	25	7.62	13	33.02
3	20	6.10	12	30.48	43	30	9.14	16	40.64	83	18	5.49	11	27.94
4	30	9.14	16	40.64	44	33	10.06	13	33.02	84	25	7.62	15	38.10
5	50	15.24	25	63.50	45	35	10.67	19	48.26	85	25	7.62	16	40.64
6	40	12.19	22	55.88	46	32	9.75	18	45.72	86	26	7.92	15	38.10
7	30	9.14	18	45.72	47	30	9.14	16	40.64	87	28	8.53	19	48.26
8	25	7.62	14	35.56	48	30	9.14	14	35.56	88	25	7.62	11	27.94
9	60	18.29	41	104.14	49	35	10.67	21	53.34	89	22	6.71	13	33.02
10	20	6.10	21	53.34	50	20	6.10	12	30.48	90	20	6.10	12	30.48
11	70	21.34	43	109.22	51	20	6.10	12	30.48	91	22	6.71	14	35.56
12	60	18.29	31	78.74	52	40	12.19	33	83.82	92	40	12.19	29	73.66
13	60	18.29	41	104.14	53	25	7.62	16	40.64	93	18	5.49	11	27.94
14	30	9.14	15	38.10	54	17	5.18	11	27.94	94	25	7.62	13	33.02
15	30	9.14	20	50.80	55	15	4.57	10	25.40	95	30	9.14	13	33.02
16	50	15.24	35	88.90	56	18	5.49	12	30.48	96	29	8.84	15	38.10
17	25	7.62	12	30.48	57	15	4.57	10	25.40	97	18	5.49	11	27.94
18	20	6.10	12	30.48	58	20	6.10	14	35.56	98	22	6.71	12	30.48
19	50	15.24	25	63.50	59	20	6.10	12	30.48	99	18	5.49	12	30.48
20	55	16.76	31	78.74	60	25	7.62	14	35.56	100	15	4.57	10	25.40
21	40	12.19	15	38.10	61	25	7.62	13	33.02	101	25	7.62	13	33.02
22	50	15.24	22	55.88	62	26	7.92	24	60.96	102	16	4.88	11	27.94
23	25	7.62	14	35.56	63	25	7.62	14	35.56	103	20	6.10	14	35.56
24	35	10.67	19	48.26	64	25	7.62	14	35.56	104	22	6.71	10	25.40
25	45	13.72	27	68.58	65	21	6.40	12	30.48	105	25	7.62	13	33.02
26	35	10.67	15	38.10	66	16	4.88	11	27.94	106	22	6.71	10	25.40
27	25	7.62	12	30.48	67	20	6.10	12	30.48	107	25	7.62	12	30.48
28	20	6.10	10	25.40	68	18	5.49	12	30.48	108	25	7.62	12	30.48
29	25	7.62	13	33.02	69	18	5.49	10	25.40	109	20	6.10	10	25.40
30	30	9.14	14	35.56	70	25	7.62	15	38.10	110	40	12.19	26	66.04
31	65	19.81	30	76.20	71	25	7.62	13	33.02	111	18	5.49	10	25.40
32	25	7.62	12	30.48	72	25	7.62	14	35.56	112	27	8.23	14	35.56
33	60	18.29	42	106.68	73	40	12.19	30	76.20	113	25	7.62	13	33.02
34	70	21.34	41	104.14	74	45	13.72	31	78.74	114	40	12.19	20	50.80
35	60	18.29	35	88.90	75	20	6.10	11	27.94	115	30	9.14	14	35.56
36	60	18.29	25	63.50	76	18	5.49	11	27.94	116	50	15.24	13	33.02
37	15	4.57	23	58.42	77	25	7.62	15	38.10	117	40	12.19	24	60.96
38	35	10.67	18	45.72	78	18	5.49	10	25.40	118	52	15.85	35	88.90
39	65	19.81	35	88.90	79	30	9.14	20	50.80	119	17	5.18	10	25.40
40	15	4.57	10	25.40	80	20	6.10	12	30.48	120	20	6.10	13	33.02

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	22	6.71	13	33.02	161	31	9.45	18	45.72	201	32	9.75	13	33.02
122	20	6.10	14	35.56	162	25	7.62	15	38.10	202	40	12.19	16	40.64
123	50	15.24	31	78.74	163	42	12.80	32	81.28	203	30	9.14	13	33.02
124	20	6.10	12	30.48	164	23	7.01	18	45.72	204	20	6.10	12	30.48
125	22	6.71	14	35.56	165	45	13.72	30	76.20	205	25	7.62	14	35.56
126	25	7.62	15	38.10	166	55	16.76	44	111.76	206	40	12.19	23	58.42
127	25	7.62	12	30.48	167	55	16.76	40	101.60	207	60	18.29	35	88.90
128	16	4.88	12	30.48	168	18	5.49	12	30.48	208	32	9.75	16	40.64
129	34	10.36	11	27.94	169	25	7.62	16	40.64	209	33	10.06	15	38.10
130	21	6.40	12	30.48	170	18	5.49	14	35.56	210	70	21.34	33	83.82
131	40	12.19	10	25.40	171	15	4.57	10	25.40	211	60	18.29	37	93.98
132	45	13.72	31	78.74	172	25	7.62	12	30.48	212	70	21.34	41	104.14
133	35	10.67	25	63.50	173	15	4.57	10	25.40	213	30	9.14	15	38.10
134	30	9.14	23	58.42	174	41	12.50	27	68.58	214	35	10.67	17	43.18
135	28	8.53	18	45.72	175	20	6.10	13	33.02	215	60	18.29	32	81.28
136	26	7.92	15	38.10	176	40	12.19	30	76.20	216	50	15.24	34	86.36
137	19	5.79	13	33.02	177	20	6.10	12	30.48	217	70	21.34	43	109.22
138	14	4.27	13	33.02	178	25	7.62	14	35.56	218	35	10.67	18	45.72
139	25	7.62	13	33.02	179	45	13.72	29	73.66	219	60	18.29	34	86.36
140	20	6.10	10	25.40	180	25	7.62	12	30.48	220	25	7.62	12	30.48
141	26	7.92	14	35.56	181	25	7.62	16	40.64	221	75	22.86	37	93.98
142	42	12.80	29	73.66	182	15	4.57	10	25.40	222	62	18.90	35	88.90
143	32	9.75	14	35.56	183	20	6.10	10	25.40	223	62	18.90	44	111.76
144	13	3.96	10	25.40	184	16	4.88	11	27.94	224	38	11.58	31	78.74
145	25	7.62	18	45.72	185	25	7.62	14	35.56	225	22	6.71	13	33.02
146	15	4.57	10	25.40	186	15	4.57	10	25.40	226	25	7.62	14	35.56
147	20	6.10	12	30.48	187	55	16.76	39	99.06	227	45	13.72	18	45.72
148	35	10.67	29	73.66	188	63	19.20	41	104.14	228	35	10.67	16	40.64
149	25	7.62	17	43.18	189	25	7.62	14	35.56	229	34	10.36	15	38.10
150	20	6.10	11	27.94	190	26	7.92	11	27.94	230	24	7.32	13	33.02
151	37	11.28	21	53.34	191	25	7.62	12	30.48	231	25	7.62	16	40.64
152	35	10.67	28	71.12	192	35	10.67	14	35.56	232	25	7.62	14	35.56
153	35	10.67	25	63.50	193	41	12.50	19	48.26	233	22	6.71	13	33.02
154	25	7.62	14	35.56	194	30	9.14	12	30.48	234	28	8.53	14	35.56
155	48	14.63	35	88.90	195	30	9.14	13	33.02	235	40	12.19	24	60.96
156	16	4.88	13	33.02	196	40	12.19	19	48.26	236	21	6.40	12	30.48
157	20	6.10	14	35.56	197	30	9.14	14	35.56	237	37	11.28	15	38.10
158	40	12.19	30	76.20	198	35	10.67	17	43.18	238	30	9.14	12	30.48
159	30	9.14	18	45.72	199	25	7.62	12	30.48	239	45	13.72	29	73.66
160	25	7.62	18	45.72	200	30	9.14	14	35.56	240	50	15.24	28	71.12

MD BAZAR

Shorea robusta/ (Sal)					*Madhuca latifolia*/ (Mahua)									
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	45	13.72	17	43.18	1	25	7.62	18	45.72	41	18	5.49	20	50.80
242	30	9.14	12	30.48	2	30	9.14	23	58.42	42	18	5.49	22	55.88
243	22	6.71	14	35.56	3	18	5.49	12	30.48	43	15	4.57	10	25.40
244	46	14.02	26	66.04	4	16	4.88	10	25.40	44	15	4.57	12	30.48
245	18	5.49	13	33.02	5	12	3.66	11	27.94	45	25	7.62	17	43.18
246	20	6.10	10	25.40	6	35	10.67	24	60.96	46	16	4.88	16	40.64
247	20	6.10	11	27.94	7	20	6.10	13	33.02	47	15	4.57	15	38.10
248	19	5.79	10	25.40	8	30	9.14	13	33.02	48	14	4.27	11	27.94
249	22	6.71	11	27.94	9	25	7.62	12	30.48	49	22	6.71	21	53.34
250	24	7.32	12	30.48	10	20	6.10	11	27.94	50	13	3.96	10	25.40
251	32	9.75	15	38.10	11	20	6.10	15	38.10	51	12	3.66	11	27.94
252	30	9.14	16	40.64	12	18	5.49	15	38.10	52	18	5.49	17	43.18
253	30	9.14	14	35.56	13	20	6.10	12	30.48	53	20	6.10	15	38.10
254	24	7.32	12	30.48	14	23	7.01	16	40.64	54	15	4.57	13	33.02
255	55	16.76	34	86.36	15	20	6.10	15	38.10	55	14	4.27	13	33.02
256	35	10.67	15	38.10	16	20	6.10	12	30.48	56	20	6.10	17	43.18
257	30	9.14	16	40.64	17	18	5.49	10	25.40	57	25	7.62	22	55.88
258	28	8.53	14	35.56	18	19	5.79	10	25.40	58	16	4.88	22	55.88
259	30	9.14	15	38.10	19	24	7.32	16	40.64	59	25	7.62	20	50.80
260	52	15.85	35	88.90	20	18	5.49	13	33.02	60	30	9.14	27	68.58
261	40	12.19	18	45.72	21	30	9.14	15	38.10	61	25	7.62	24	60.96
262	22	6.71	10	25.40	22	22	6.71	21	53.34	62	12	3.66	11	27.94
263	20	6.10	10	25.40	23	25	7.62	18	45.72	63	26	7.92	25	63.50
264	24	7.32	14	35.56	24	23	7.01	15	38.10	64	15	4.57	13	33.02
265	22	6.71	10	25.40	25	23	7.01	25	63.50	65	20	6.10	16	40.64
266	25	7.62	12	30.48	26	15	4.57	15	38.10	66	20	6.10	17	43.18
267	19	5.79	12	30.48	27	30	9.14	19	48.26	67	20	6.10	22	55.88
268	20	6.10	11	27.94	28	25	7.62	20	50.80	68	12	3.66	20	50.80
269	18	5.49	11	27.94	29	25	7.62	15	38.10	69	16	4.88	17	43.18
270	24	7.32	14	35.56	30	30	9.14	30	76.20	70	23	7.01	15	38.10
271	18	5.49	10	25.40	31	20	6.10	21	53.34	71	13	3.96	11	27.94
272	32	9.75	14	35.56	32	50	15.24	29	73.66	72	20	6.10	15	38.10
273	22	6.71	11	27.94	33	50	15.24	40	101.60	73	25	7.62	19	48.26
274	21	6.40	11	27.94	34	30	9.14	22	55.88	74	13	3.96	10	25.40
275	25	7.62	10	25.40	35	35	10.67	26	66.04	75	16	4.88	10	25.40
276	30	9.14	13	33.02	36	35	10.67	27	68.58	76	15	4.57	10	25.40
277	30	9.14	12	30.48	37	50	15.24	40	101.60	77	18	5.49	16	40.64
					38	30	9.14	25	63.50	78	17	5.18	15	38.10
					39	30	9.14	18	45.72	79	20	6.10	21	53.34
					40	30	9.14	25	63.50	80	16	4.88	14	35.56

MD BAZAR

Madhuca latifolia/ (Mahua)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
81	30	9.14	19	48.26	121	20	6.10	15	38.10	161	15	4.57	10	25.40
82	35	10.67	21	53.34	122	20	6.10	13	33.02	162	18	5.49	17	43.18
83	16	4.88	14	35.56	123	23	7.01	15	38.10	163	20	6.10	18	45.72
84	16	4.88	13	33.02	124	25	7.62	20	50.80	164	25	7.62	24	60.96
85	15	4.57	11	27.94	125	21	6.40	14	35.56	165	25	7.62	21	53.34
86	25	7.62	18	45.72	126	32	9.75	19	48.26	166	20	6.10	21	53.34
87	12	3.66	13	33.02	127	22	6.71	14	35.56	167	20	6.10	20	50.80
88	20	6.10	16	40.64	128	37	11.28	35	88.90	168	18	5.49	12	30.48
89	18	5.49	15	38.10	129	20	6.10	18	45.72	169	15	4.57	11	27.94
90	15	4.57	10	25.40	130	20	6.10	18	45.72	170	22	6.71	16	40.64
91	18	5.49	14	35.56	131	18	5.49	13	33.02	171	20	6.10	13	33.02
92	15	4.57	12	30.48	132	15	4.57	13	33.02	172	40	12.19	21	53.34
93	25	7.62	18	45.72	133	18	5.49	17	43.18	173	15	4.57	10	25.40
94	18	5.49	18	45.72	134	20	6.10	14	35.56	174	18	5.49	13	33.02
95	15	4.57	11	27.94	135	31	9.45	30	76.20	175	60	18.29	32	81.28
96	25	7.62	23	58.42	136	25	7.62	20	50.80	176	15	4.57	10	25.40
97	17	5.18	11	27.94	137	21	6.40	20	50.80	177	30	9.14	17	43.18
98	15	4.57	10	25.40	138	12	3.66	15	38.10	178	25	7.62	22	55.88
99	22	6.71	24	60.96	139	20	6.10	19	48.26	179	18	5.49	15	38.10
100	21	6.40	17	43.18	140	18	5.49	19	48.26	180	19	5.79	14	35.56
101	26	7.92	19	48.26	141	15	4.57	12	30.48	181	35	10.67	30	76.20
102	21	6.40	20	50.80	142	20	6.10	21	53.34	182	34	10.36	37	93.98
103	18	5.49	13	33.02	143	20	6.10	15	38.10	183	32	9.75	25	63.50
104	16	4.88	12	30.48	144	18	5.49	12	30.48	184	40	12.19	18	45.72
105	15	4.57	11	27.94	145	15	4.57	19	48.26	185	35	10.67	16	40.64
106	18	5.49	13	33.02	146	18	5.49	16	40.64	186	30	9.14	24	60.96
107	25	7.62	14	35.56	147	15	4.57	12	30.48	187	30	9.14	19	48.26
108	21	6.40	19	48.26	148	15	4.57	10	25.40	188	25	7.62	13	33.02
109	16	4.88	10	25.40	149	15	4.57	13	33.02	189	22	6.71	17	43.18
110	14	4.27	11	27.94	150	18	5.49	12	30.48	190	18	5.49	12	30.48
111	18	5.49	13	33.02	151	18	5.49	14	35.56	191	30	9.14	20	50.80
112	27	8.23	26	66.04	152	20	6.10	23	58.42	192	45	13.72	26	66.04
113	15	4.57	12	30.48	153	25	7.62	20	50.80	193	18	5.49	16	40.64
114	18	5.49	16	40.64	154	15	4.57	13	33.02	194	16	4.88	13	33.02
115	25	7.62	27	68.58	155	18	5.49	13	33.02	195	20	6.10	17	43.18
116	15	4.57	12	30.48	156	22	6.71	20	50.80	196	20	6.10	13	33.02
117	18	5.49	16	40.64	157	25	7.62	26	66.04	197	18	5.49	14	35.56
118	20	6.10	17	43.18	158	20	6.10	22	55.88	198	36	10.97	25	63.50
119	16	4.88	12	30.48	159	20	6.10	14	35.56					
120	18	5.49	13	33.02	160	15	4.57	10	25.40					

MD BAZAR

Pterocarpus marsupium/ (Piyasal)										*Lagerstroemia parviflora*/ (Sidha)				
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	70	21.34	62	157.48	41	65	19.81	39	99.06	1	62	18.90	46	116.84
2	40	12.19	19	48.26	42	55	16.76	32	81.28					
3	70	21.34	34	86.36	43	60	18.29	27	68.58					
4	25	7.62	20	50.80	44	30	9.14	18	45.72	*Mitragyna parviflora*/ (Kelikadam)				
5	65	19.81	30	76.20	45	46	14.02	32	81.28	SL. NO	Height		Girth	
6	60	18.29	40	101.60							(ft)	(m)	(inch)	(cm)
7	30	9.14	22	55.88						1	50	15.24	15	38.10
8	45	13.72	35	88.90	*Buchanania lanzan*/ (Piyal)					2	30	9.14	19	48.26
9	30	9.14	19	48.26	SL. NO	Height		Girth						
10	20	6.10	14	35.56		(ft)	(m)	(inch)	(cm)					
11	56	17.07	48	121.92	1	25	7.62	12	30.48	*Ixora arborea*/ (Lohajangi)				
12	43	13.11	55	139.70	2	16	4.88	12	30.48	SL. NO	Height		Girth	
13	30	9.14	19	48.26	3	12	3.66	10	25.40		(ft)	(m)	(inch)	(cm)
14	18	5.49	14	35.56	4	18	5.49	13	33.02	1	70	21.34	57	144.78
15	40	12.19	28	71.12	5	25	7.62	14	35.56					
16	30	9.14	18	45.72	6	17	5.18	10	25.40					
17	36	10.97	28	71.12						*Acacia auriculiformis*/ (Akashmoni)				
18	25	7.62	16	40.64						SL. NO	Height		Girth	
19	20	6.10	14	35.56	*Terminalia bellirica* / (Bohera)						(ft)	(m)	(inch)	(cm)
20	30	9.14	19	48.26	SL. NO	Height		Girth		1	70	21.34	40	101.60
21	37	11.28	27	68.58		(ft)	(m)	(inch)	(cm)					
22	41	12.50	26	66.04	1	70	21.34	52	132.08					
23	40	12.19	25	63.50	2	50	15.24	33	83.82					
24	25	7.62	15	38.10	3	45	13.72	28	71.12					
25	35	10.67	23	58.42	4	40	12.19	27	68.58					
26	23	7.01	25	63.50	5	28	8.53	13	33.02					
27	30	9.14	28	71.12	6	37	11.28	17	43.18					
28	18	5.49	16	40.64										
29	45	13.72	33	83.82										
30	60	18.29	29	73.66	*Terminalia tomentosa*/ (Ason)									
31	52	15.85	30	76.20	SL. NO	Height		Girth						
32	35	10.67	19	48.26		(ft)	(m)	(inch)	(cm)					
33	60	18.29	39	99.06	1	20	6.10	15	38.10					
34	55	16.76	31	78.74										
35	52	15.85	30	76.20										
36	61	18.59	33	83.82	*Gmelia arborea*/ (Gamar)									
37	70	21.34	42	106.68	SL. NO	Height		Girth						
38	48	14.63	20	50.80		(ft)	(m)	(inch)	(cm)					
39	57	17.37	33	83.82	1	30	9.14	18	45.72					
40	35	10.67	15	38.10										

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Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	26	66.04	41	35	10.67	25	63.50	81	22	6.71	12	30.48
2	20	6.10	12	30.48	42	20	6.10	12	30.48	82	15	4.57	13	33.02
3	25	7.62	12	30.48	43	12	3.66	12	30.48	83	40	12.19	25	63.50
4	35	10.67	14	35.56	44	25	7.62	16	40.64	84	20	6.10	12	30.48
5	30	9.14	12	30.48	45	40	12.19	25	63.50	85	20	6.10	13	33.02
6	40	12.19	17	43.18	46	40	12.19	23	58.42	86	20	6.10	12	30.48
7	25	7.62	27	68.58	47	20	6.10	10	25.40	87	20	6.10	11	27.94
8	15	4.57	15	38.10	48	15	4.57	12	30.48	88	25	7.62	23	58.42
9	15	4.57	12	30.48	49	25	7.62	23	58.42	89	15	4.57	15	38.10
10	30	9.14	14	35.56	50	42	12.80	36	91.44	90	20	6.10	15	38.10
11	35	10.67	16	40.64	51	20	6.10	14	35.56	91	20	6.10	14	35.56
12	20	6.10	12	30.48	52	20	6.10	14	35.56	92	20	6.10	12	30.48
13	20	6.10	14	35.56	53	20	6.10	12	30.48	93	20	6.10	13	33.02
14	12	3.66	14	35.56	54	25	7.62	15	38.10	94	25	7.62	15	38.10
15	35	10.67	23	58.42	55	20	6.10	12	30.48	95	25	7.62	12	30.48
16	25	7.62	15	38.10	56	22	6.71	13	33.02	96	20	6.10	11	27.94
17	25	7.62	17	43.18	57	20	6.10	11	27.94	97	20	6.10	12	30.48
18	30	9.14	14	35.56	58	23	7.01	14	35.56	98	20	6.10	13	33.02
19	25	7.62	12	30.48	59	17	5.18	12	30.48	99	18	5.49	10	25.40
20	26	7.92	13	33.02	60	23	7.01	13	33.02	100	20	6.10	15	38.10
21	35	10.67	14	35.56	61	25	7.62	15	38.10	101	15	4.57	11	27.94
22	25	7.62	11	27.94	62	25	7.62	18	45.72	102	20	6.10	15	38.10
23	20	6.10	12	30.48	63	18	5.49	14	35.56	103	20	6.10	17	43.18
24	25	7.62	15	38.10	64	42	12.80	28	71.12	104	45	13.72	26	66.04
25	35	10.67	15	38.10	65	40	12.19	40	101.60	105	25	7.62	16	40.64
26	25	7.62	13	33.02	66	46	14.02	36	91.44	106	40	12.19	28	71.12
27	20	6.10	12	30.48	67	15	4.57	11	27.94	107	25	7.62	14	35.56
28	12	3.66	12	30.48	68	15	4.57	15	38.10	108	20	6.10	12	30.48
29	40	12.19	28	71.12	69	15	4.57	11	27.94	109	22	6.71	12	30.48
30	25	7.62	13	33.02	70	20	6.10	15	38.10	110	20	6.10	15	38.10
31	45	13.72	26	66.04	71	20	6.10	12	30.48	111	15	4.57	14	35.56
32	25	7.62	11	27.94	72	22	6.71	13	33.02	112	35	10.67	31	78.74
33	20	6.10	12	30.48	73	20	6.10	12	30.48	113	15	4.57	13	33.02
34	28	8.53	22	55.88	74	20	6.10	12	30.48	114	20	6.10	17	43.18
35	24	7.32	12	30.48	75	25	7.62	15	38.10	115	20	6.10	18	45.72
36	20	6.10	12	30.48	76	13	3.96	12	30.48	116	15	4.57	16	40.64
37	15	4.57	10	25.40	77	20	6.10	16	40.64	117	20	6.10	15	38.10
38	25	7.62	13	33.02	78	20	6.10	15	38.10	118	20	6.10	14	35.56
39	40	12.19	24	60.96	79	15	4.57	11	27.94	119	20	6.10	11	27.94
40	20	6.10	12	30.48	80	23	7.01	12	30.48	120	15	4.57	12	30.48

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	15	4.57	14	35.56	161	50	15.24	25	63.50	201	35	10.67	15	38.10
122	15	4.57	12	30.48	162	50	15.24	19	48.26	202	30	9.14	12	30.48
123	15	4.57	10	25.40	163	50	15.24	24	60.96	203	25	7.62	11	27.94
124	20	6.10	15	38.10	164	50	15.24	14	35.56	204	50	15.24	29	73.66
125	20	6.10	18	45.72	165	16	4.88	13	33.02	205	25	7.62	11	27.94
126	20	6.10	16	40.64	166	35	10.67	20	50.80	206	20	6.10	11	27.94
127	20	6.10	16	40.64	167	20	6.10	10	25.40	207	25	7.62	13	33.02
128	15	4.57	14	35.56	168	35	10.67	21	53.34	208	30	9.14	12	30.48
129	25	7.62	19	48.26	169	35	10.67	17	43.18	209	55	16.76	29	73.66
130	25	7.62	15	38.10	170	35	10.67	21	53.34	210	25	7.62	11	27.94
131	40	12.19	23	58.42	171	30	9.14	20	50.80	211	20	6.10	10	25.40
132	20	6.10	17	43.18	172	35	10.67	18	45.72	212	35	10.67	15	38.10
133	30	9.14	26	66.04	173	32	9.75	26	66.04	213	25	7.62	11	27.94
134	20	6.10	16	40.64	174	35	10.67	21	53.34	214	35	10.67	13	33.02
135	26	7.92	13	33.02	175	26	7.92	12	30.48	215	25	7.62	13	33.02
136	28	8.53	15	38.10	176	20	6.10	11	27.94	216	50	15.24	27	68.58
137	20	6.10	18	45.72	177	35	10.67	16	40.64	217	25	7.62	10	25.40
138	35	10.67	16	40.64	178	30	9.14	17	43.18	218	50	15.24	34	86.36
139	35	10.67	15	38.10	179	30	9.14	13	33.02	219	35	10.67	14	35.56
140	45	13.72	30	76.20	180	50	15.24	28	71.12	220	35	10.67	12	30.48
141	25	7.62	12	30.48	181	25	7.62	12	30.48	221	35	10.67	13	33.02
142	25	7.62	19	48.26	182	25	7.62	15	38.10	222	35	10.67	16	40.64
143	25	7.62	25	63.50	183	26	7.92	11	27.94	223	25	7.62	10	25.40
144	25	7.62	20	50.80	184	20	6.10	10	25.40	224	25	7.62	10	25.40
145	15	4.57	15	38.10	185	38	11.58	17	43.18	225	35	10.67	18	45.72
146	13	3.96	12	30.48	186	32	9.75	14	35.56	226	35	10.67	17	43.18
147	30	9.14	24	60.96	187	22	6.71	11	27.94	227	15	4.57	12	30.48
148	30	9.14	21	53.34	188	17	5.18	10	25.40	228	16	4.88	11	27.94
149	15	4.57	11	27.94	189	50	15.24	16	40.64	229	25	7.62	15	38.10
150	35	10.67	18	45.72	190	20	6.10	12	30.48	230	16	4.88	11	27.94
151	45	13.72	26	66.04	191	22	6.71	10	25.40	231	25	7.62	18	45.72
152	30	9.14	16	40.64	192	25	7.62	11	27.94	232	30	9.14	16	40.64
153	30	9.14	18	45.72	193	25	7.62	14	35.56	233	40	12.19	27	68.58
154	50	15.24	32	81.28	194	30	9.14	15	38.10	234	20	6.10	12	30.48
155	50	15.24	32	81.28	195	35	10.67	18	45.72	235	50	15.24	24	60.96
156	25	7.62	11	27.94	196	22	6.71	12	30.48	236	20	6.10	14	35.56
157	30	9.14	16	40.64	197	55	16.76	29	73.66	237	12	3.66	15	38.10
158	20	6.10	11	27.94	198	24	7.32	19	48.26	238	50	15.24	17	43.18
159	15	4.57	10	25.40	199	22	6.71	12	30.48	239	24	7.32	13	33.02
160	35	10.67	20	50.80	200	20	6.10	11	27.94	240	30	9.14	13	33.02

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	31	9.45	16	40.64	281	45	13.72	18	45.72	321	20	6.10	11	27.94
242	35	10.67	18	45.72	282	50	15.24	17	43.18	322	45	13.72	22	55.88
243	25	7.62	12	30.48	283	30	9.14	13	33.02	323	62	18.90	70	177.80
244	35	10.67	14	35.56	284	25	7.62	13	33.02	324	22	6.71	13	33.02
245	35	10.67	12	30.48	285	38	11.58	18	45.72	325	55	16.76	34	86.36
246	25	7.62	11	27.94	286	30	9.14	21	53.34	326	25	7.62	14	35.56
247	43	13.11	22	55.88	287	25	7.62	12	30.48	327	26	7.92	14	35.56
248	20	6.10	11	27.94	288	32	9.75	15	38.10	328	50	15.24	24	60.96
249	30	9.14	14	35.56	289	30	9.14	16	40.64	329	45	13.72	20	50.80
250	10	3.05	11	27.94	290	33	10.06	14	35.56	330	36	10.97	16	40.64
251	25	7.62	12	30.48	291	45	13.72	24	60.96	331	38	11.58	16	40.64
252	25	7.62	12	30.48	292	28	8.53	13	33.02	332	40	12.19	16	40.64
253	25	7.62	17	43.18	293	30	9.14	15	38.10	333	20	6.10	12	30.48
254	30	9.14	18	45.72	294	28	8.53	14	35.56	334	30	9.14	14	35.56
255	25	7.62	11	27.94	295	30	9.14	14	35.56	335	50	15.24	21	53.34
256	48	14.63	26	66.04	296	55	16.76	25	63.50	336	30	9.14	23	58.42
257	35	10.67	18	45.72	297	22	6.71	12	30.48	337	30	9.14	20	50.80
258	50	15.24	32	81.28	298	25	7.62	15	38.10	338	50	15.24	24	60.96
259	33	10.06	14	35.56	299	46	14.02	17	43.18	339	40	12.19	16	40.64
260	40	12.19	17	43.18	300	20	6.10	11	27.94	340	36	10.97	14	35.56
261	25	7.62	14	35.56	301	40	12.19	14	35.56	341	32	9.75	13	33.02
262	42	12.80	19	48.26	302	35	10.67	14	35.56	342	28	8.53	18	45.72
263	40	12.19	16	40.64	303	40	12.19	14	35.56	343	35	10.67	16	40.64
264	30	9.14	13	33.02	304	35	10.67	12	30.48	344	34	10.36	14	35.56
265	35	10.67	14	35.56	305	42	12.80	17	43.18	345	25	7.62	16	40.64
266	20	6.10	11	27.94	306	40	12.19	16	40.64	346	29	8.84	18	45.72
267	25	7.62	16	40.64	307	20	6.10	11	27.94	347	25	7.62	13	33.02
268	35	10.67	19	48.26	308	24	7.32	12	30.48	348	25	7.62	11	27.94
269	25	7.62	11	27.94	309	25	7.62	15	38.10	349	20	6.10	10	25.40
270	18	5.49	10	25.40	310	35	10.67	15	38.10	350	50	15.24	19	48.26
271	22	6.71	10	25.40	311	25	7.62	14	35.56	351	55	16.76	31	78.74
272	30	9.14	14	35.56	312	22	6.71	13	33.02	352	50	15.24	23	58.42
273	40	12.19	21	53.34	313	20	6.10	11	27.94	353	30	9.14	21	53.34
274	38	11.58	18	45.72	314	25	7.62	12	30.48					
275	18	5.49	11	27.94	315	20	6.10	11	27.94					
276	11	3.35	12	30.48	316	55	16.76	32	81.28					
277	25	7.62	11	27.94	317	48	14.63	24	60.96					
278	30	9.14	16	40.64	318	58	17.68	30	76.20					
279	55	16.76	24	60.96	319	45	13.72	19	48.26					
280	26	7.92	13	33.02	320	40	12.19	18	45.72					

MD BAZAR

Madhuca latifolia/ (Mahua)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	26	66.04	41	14	4.27	11	27.94	81	22	6.71	14	35.56
2	13	3.96	12	30.48	42	20	6.10	16	40.64	82	20	6.10	14	35.56
3	16	4.88	12	30.48	43	20	6.10	19	48.26	83	22	6.71	18	45.72
4	25	7.62	18	45.72	44	25	7.62	27	68.58	84	15	4.57	10	25.40
5	35	10.67	24	60.96	45	15	4.57	17	43.18	85	32	9.75	32	81.28
6	20	6.10	17	43.18	46	30	9.14	19	48.26	86	18	5.49	14	35.56
7	25	7.62	19	48.26	47	21	6.40	22	55.88	87	22	6.71	13	33.02
8	20	6.10	18	45.72	48	22	6.71	18	45.72	88	45	13.72	31	78.74
9	30	9.14	17	43.18	49	25	7.62	19	48.26	89	16	4.88	12	30.48
10	30	9.14	18	45.72	50	40	12.19	28	71.12	90	35	10.67	22	55.88
11	15	4.57	17	43.18	51	18	5.49	14	35.56	91	25	7.62	23	58.42
12	25	7.62	18	45.72	52	26	7.92	16	40.64	92	26	7.92	24	60.96
13	50	15.24	25	63.50	53	20	6.10	11	27.94	93	20	6.10	16	40.64
14	20	6.10	12	30.48	54	14	4.27	13	33.02	94	15	4.57	12	30.48
15	60	18.29	25	63.50	55	35	10.67	28	71.12	95	25	7.62	25	63.50
16	15	4.57	16	40.64	56	18	5.49	14	35.56	96	32	9.75	28	71.12
17	30	9.14	23	58.42	57	20	6.10	16	40.64	97	25	7.62	23	58.42
18	12	3.66	14	35.56	58	18	5.49	12	30.48	98	35	10.67	17	43.18
19	15	4.57	12	30.48	59	25	7.62	15	38.10	99	25	7.62	20	50.80
20	20	6.10	15	38.10	60	35	10.67	20	50.80	100	25	7.62	15	38.10
21	15	4.57	10	25.40	61	20	6.10	14	35.56	101	25	7.62	14	35.56
22	22	6.71	12	30.48	62	25	7.62	14	35.56	102	20	6.10	16	40.64
23	15	4.57	11	27.94	63	20	6.10	12	30.48	103	20	6.10	15	38.10
24	15	4.57	10	25.40	64	18	5.49	14	35.56	104	20	6.10	12	30.48
25	35	10.67	31	78.74	65	20	6.10	24	60.96	105	22	6.71	15	38.10
26	20	6.10	11	27.94	66	22	6.71	20	50.80	106	30	9.14	20	50.80
27	25	7.62	18	45.72	67	30	9.14	20	50.80	107	15	4.57	12	30.48
28	35	10.67	28	71.12	68	18	5.49	13	33.02	108	25	7.62	24	60.96
29	15	4.57	11	27.94	69	22	6.71	14	35.56	109	26	7.92	20	50.80
30	20	6.10	12	30.48	70	20	6.10	14	35.56	110	15	4.57	12	30.48
31	15	4.57	17	43.18	71	35	10.67	26	66.04	111	20	6.10	12	30.48
32	36	10.97	19	48.26	72	25	7.62	15	38.10	112	26	7.92	18	45.72
33	33	10.06	17	43.18	73	26	7.92	21	53.34	113	40	12.19	30	76.20
34	25	7.62	13	33.02	74	35	10.67	25	63.50	114	15	4.57	15	38.10
35	20	6.10	14	35.56	75	20	6.10	21	53.34	115	25	7.62	16	40.64
36	26	7.92	23	58.42	76	18	5.49	13	33.02	116	30	9.14	48	121.92
37	15	4.57	11	27.94	77	28	8.53	18	45.72	117	25	7.62	15	38.10
38	35	10.67	17	43.18	78	22	6.71	14	35.56	118	15	4.57	11	27.94
39	10	3.05	11	27.94	79	30	9.14	16	40.64	119	16	4.88	12	30.48
40	15	4.57	12	30.48	80	25	7.62	24	60.96	120	30	9.14	15	38.10

MD BAZAR

Madhuca latifolia/ (Mahua)										*Lannea coromandelica*/ (Geol/Doka)				
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	20	6.10	12	30.48	161	22	6.71	12	30.48	1	13	3.96	11	27.94
122	25	7.62	12	30.48	162	23	7.01	11	27.94					
123	25	7.62	12	30.48	163	25	7.62	14	35.56					
124	25	7.62	15	38.10	164	26	7.92	12	30.48					
125	20	6.10	15	38.10	165	26	7.92	14	35.56	*Buchanania lanzan*/ (Piyal)				
126	25	7.62	15	38.10	166	30	9.14	28	71.12	SL. NO	Height		Girth	
127	15	4.57	11	27.94	167	25	7.62	11	27.94		(ft)	(m)	(inch)	(cm)
128	15	4.57	12	30.48	168	25	7.62	15	38.10	1	10	3.05	15	38.10
129	25	7.62	20	50.80	169	15	4.57	11	27.94	2	10	3.05	10	25.40
130	20	6.10	15	38.10	170	15	4.57	20	50.80	3	10	3.05	10	25.40
131	30	9.14	26	66.04	171	20	6.10	14	35.56	4	10	3.05	10	25.40
132	20	6.10	16	40.64	172	25	7.62	15	38.10	5	10	3.05	11	27.94
133	25	7.62	19	48.26	173	15	4.57	11	27.94	6	15	4.57	10	25.40
134	26	7.92	20	50.80	174	20	6.10	15	38.10	7	27	8.23	13	33.02
135	25	7.62	11	27.94						8	30	9.14	12	30.48
136	23	7.01	12	30.48						9	25	7.62	12	30.48
137	20	6.10	14	35.56						10	15	4.57	11	27.94
138	30	9.14	26	66.04	*Pterocarpus marsupium*/ (Piyasal)					11	29	8.84	20	50.80
139	20	6.10	15	38.10	SL. NO	Height		Girth		12	20	6.10	14	35.56
140	20	6.10	14	35.56		(ft)	(m)	(inch)	(cm)	13	15	4.57	14	35.56
141	25	7.62	14	35.56	1	55	16.76	27	68.58	14	20	6.10	14	35.56
142	20	6.10	30	76.20	2	45	13.72	53	134.62	15	20	6.10	12	30.48
143	25	7.62	15	38.10	3	56	17.07	52	132.08	16	22	6.71	11	27.94
144	25	7.62	15	38.10	4	50	15.24	54	137.16	17	11	3.35	11	27.94
145	18	5.49	12	30.48	5	65	19.81	75	190.50	18	25	7.62	16	40.64
146	30	9.14	25	63.50						19	15	4.57	15	38.10
147	20	6.10	12	30.48						20	15	4.57	10	25.40
148	20	6.10	15	38.10						21	12	3.66	12	30.48
149	20	6.10	16	40.64	*Terminalia bellirica* / (Bohera)					22	13	3.96	11	27.94
150	15	4.57	12	30.48	SL. NO	Height		Girth		23	12	3.66	12	30.48
151	20	6.10	12	30.48		(ft)	(m)	(inch)	(cm)	24	12	3.66	15	38.10
152	18	5.49	15	38.10	1	40	12.19	19	48.26	25	15	4.57	11	27.94
153	20	6.10	18	45.72						26	20	6.10	12	30.48
154	22	6.71	18	45.72										
155	20	6.10	14	35.56										
156	25	7.62	18	45.72										
157	20	6.10	15	38.10										
158	20	6.10	14	35.56										
159	20	6.10	15	38.10										
160	20	6.10	12	30.48										

MD BAZAR

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Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56	41	60	18.29	32	81.28	81	25	7.62	12	30.48
2	30	9.14	22	55.88	42	25	7.62	12	30.48	82	22	6.71	11	27.94
3	27	8.23	16	40.64	43	45	13.72	35	88.90	83	20	6.10	12	30.48
4	26	7.92	11	27.94	44	30	9.14	16	40.64	84	65	19.81	28	71.12
5	25	7.62	15	38.10	45	45	13.72	30	76.20	85	32	9.75	16	40.64
6	30	9.14	15	38.10	46	35	10.67	21	53.34	86	25	7.62	14	35.56
7	25	7.62	14	35.56	47	25	7.62	14	35.56	87	22	6.71	11	27.94
8	30	9.14	20	50.80	48	25	7.62	14	35.56	88	31	9.45	11	27.94
9	30	9.14	12	30.48	49	60	18.29	40	101.60	89	22	6.71	13	33.02
10	20	6.10	12	30.48	50	25	7.62	15	38.10	90	24	7.32	16	40.64
11	35	10.67	28	71.12	51	25	7.62	12	30.48	91	22	6.71	12	30.48
12	20	6.10	12	30.48	52	25	7.62	13	33.02	92	25	7.62	14	35.56
13	20	6.10	14	35.56	53	23	7.01	11	27.94	93	25	7.62	13	33.02
14	25	7.62	15	38.10	54	25	7.62	12	30.48	94	20	6.10	11	27.94
15	20	6.10	12	30.48	55	45	13.72	35	88.90	95	25	7.62	12	30.48
16	30	9.14	14	35.56	56	30	9.14	16	40.64	96	28	8.53	12	30.48
17	30	9.14	15	38.10	57	45	13.72	30	76.20	97	16	4.88	11	27.94
18	25	7.62	12	30.48	58	35	10.67	24	60.96	98	30	9.14	16	40.64
19	20	6.10	15	38.10	59	25	7.62	14	35.56	99	28	8.53	13	33.02
20	22	6.71	12	30.48	60	25	7.62	14	35.56	100	25	7.62	11	27.94
21	26	7.92	14	35.56	61	60	18.29	40	101.60	101	22	6.71	12	30.48
22	30	9.14	17	43.18	62	25	7.62	15	38.10	102	24	7.32	12	30.48
23	20	6.10	11	27.94	63	25	7.62	12	30.48	103	30	9.14	14	35.56
24	30	9.14	16	40.64	64	25	7.62	13	33.02	104	26	7.92	12	30.48
25	24	7.32	14	35.56	65	23	7.01	11	27.94	105	20	6.10	11	27.94
26	30	9.14	17	43.18	66	25	7.62	12	30.48	106	35	10.67	16	40.64
27	15	4.57	12	30.48	67	28	8.53	12	30.48	107	40	12.19	14	35.56
28	20	6.10	14	35.56	68	22	6.71	12	30.48	108	30	9.14	16	40.64
29	35	10.67	23	58.42	69	20	6.10	11	27.94	109	35	10.67	17	43.18
30	28	8.53	27	68.58	70	26	7.92	15	38.10	110	35	10.67	14	35.56
31	35	10.67	14	35.56	71	20	6.10	12	30.48	111	30	9.14	20	50.80
32	32	9.75	12	30.48	72	20	6.10	11	27.94	112	20	6.10	12	30.48
33	20	6.10	11	27.94	73	38	11.58	26	66.04	113	30	9.14	20	50.80
34	35	10.67	14	35.56	74	30	9.14	15	38.10	114	20	6.10	12	30.48
35	30	9.14	15	38.10	75	25	7.62	13	33.02	115	20	6.10	16	40.64
36	25	7.62	14	35.56	76	25	7.62	12	30.48	116	50	15.24	33	83.82
37	25	7.62	12	30.48	77	26	7.92	14	35.56	117	25	7.62	20	50.80
38	25	7.62	13	33.02	78	25	7.62	12	30.48	118	28	8.53	12	30.48
39	25	7.62	14	35.56	79	28	8.53	14	35.56	119	20	6.10	11	27.94
40	30	9.14	12	30.48	80	22	6.71	11	27.94	120	20	6.10	15	38.10

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	30	9.14	16	40.64	161	25	7.62	15	38.10	201	25	7.62	12	30.48
122	20	6.10	14	35.56	162	30	9.14	15	38.10	202	32	9.75	13	33.02
123	25	7.62	11	27.94	163	25	7.62	10	25.40	203	15	4.57	15	38.10
124	45	13.72	30	76.20	164	27	8.23	12	30.48	204	28	8.53	12	30.48
125	15	4.57	11	27.94	165	30	9.14	14	35.56	205	20	6.10	15	38.10
126	45	13.72	18	45.72	166	30	9.14	15	38.10	206	20	6.10	10	25.40
127	20	6.10	12	30.48	167	30	9.14	12	30.48	207	20	6.10	12	30.48
128	20	6.10	10	25.40	168	28	8.53	13	33.02	208	20	6.10	12	30.48
129	20	6.10	10	25.40	169	20	6.10	11	27.94	209	18	5.49	10	25.40
130	40	12.19	20	50.80	170	22	6.71	12	30.48	210	22	6.71	12	30.48
131	38	11.58	14	35.56	171	25	7.62	13	33.02	211	16	4.88	10	25.40
132	25	7.62	17	43.18	172	24	7.32	14	35.56	212	15	4.57	11	27.94
133	27	8.23	12	30.48	173	22	6.71	12	30.48	213	22	6.71	12	30.48
134	20	6.10	12	30.48	174	30	9.14	19	48.26	214	20	6.10	11	27.94
135	65	19.81	34	86.36	175	20	6.10	12	30.48	215	20	6.10	12	30.48
136	45	13.72	18	45.72	176	20	6.10	12	30.48	216	50	15.24	26	66.04
137	35	10.67	13	33.02	177	15	4.57	11	27.94	217	25	7.62	15	38.10
138	26	7.92	11	27.94	178	35	10.67	16	40.64	218	22	6.71	16	40.64
139	39	11.89	11	27.94	179	24	7.32	11	27.94	219	25	7.62	13	33.02
140	23	7.01	13	33.02	180	20	6.10	10	25.40	220	26	7.92	13	33.02
141	15	4.57	10	25.40	181	20	6.10	15	38.10	221	50	15.24	27	68.58
142	22	6.71	12	30.48	182	20	6.10	10	25.40	222	27	8.23	13	33.02
143	26	7.92	12	30.48	183	20	6.10	11	27.94	223	15	4.57	11	27.94
144	21	6.40	13	33.02	184	17	5.18	10	25.40	224	50	15.24	24	60.96
145	20	6.10	10	25.40	185	20	6.10	12	30.48	225	50	15.24	26	66.04
146	20	6.10	10	25.40	186	25	7.62	20	50.80	226	25	7.62	15	38.10
147	28	8.53	14	35.56	187	42	12.80	21	53.34	227	25	7.62	13	33.02
148	40	12.19	21	53.34	188	32	9.75	12	30.48	228	45	13.72	23	58.42
149	25	7.62	15	38.10	189	27	8.23	12	30.48	229	50	15.24	23	58.42
150	21	6.40	10	25.40	190	30	9.14	12	30.48	230	50	15.24	30	76.20
151	25	7.62	11	27.94	191	32	9.75	13	33.02	231	50	15.24	26	66.04
152	45	13.72	19	48.26	192	25	7.62	15	38.10	232	20	6.10	14	35.56
153	22	6.71	10	25.40	193	30	9.14	12	30.48	233	25	7.62	15	38.10
154	32	9.75	13	33.02	194	30	9.14	10	25.40	234	20	6.10	14	35.56
155	25	7.62	15	38.10	195	15	4.57	10	25.40	235	50	15.24	30	76.20
156	18	5.49	10	25.40	196	25	7.62	11	27.94	236	55	16.76	37	93.98
157	22	6.71	10	25.40	197	15	4.57	10	25.40	237	50	15.24	26	66.04
158	28	8.53	12	30.48	198	35	10.67	13	33.02	238	45	13.72	26	66.04
159	26	7.92	13	33.02	199	38	11.58	14	35.56	239	45	13.72	28	71.12
160	30	9.14	13	33.02	200	15	4.57	11	27.94	240	40	12.19	23	58.42

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	25	7.62	15	38.10	281	62	18.90	26	66.04	321	18	5.49	10	25.40
242	18	5.49	14	35.56	282	20	6.10	14	35.56	322	31	9.45	21	53.34
243	45	13.72	22	55.88	283	23	7.01	13	33.02	323	25	7.62	20	50.80
244	45	13.72	18	45.72	284	55	16.76	25	63.50	324	16	4.88	12	30.48
245	50	15.24	26	66.04	285	50	15.24	30	76.20	325	20	6.10	18	45.72
246	18	5.49	16	40.64	286	25	7.62	14	35.56	326	42	12.80	29	73.66
247	45	13.72	32	81.28	287	15	4.57	11	27.94	327	22	6.71	13	33.02
248	25	7.62	23	58.42	288	25	7.62	12	30.48	328	45	13.72	24	60.96
249	20	6.10	20	50.80	289	22	6.71	14	35.56	329	30	9.14	23	58.42
250	40	12.19	24	60.96	290	25	7.62	20	50.80	330	20	6.10	14	35.56
251	55	16.76	35	88.90	291	25	7.62	12	30.48	331	28	8.53	18	45.72
252	20	6.10	12	30.48	292	18	5.49	14	35.56	332	32	9.75	12	30.48
253	20	6.10	14	35.56	293	60	18.29	23	58.42	333	20	6.10	11	27.94
254	45	13.72	30	76.20	294	20	6.10	10	25.40	334	30	9.14	22	55.88
255	42	12.80	20	50.80	295	15	4.57	12	30.48	335	20	6.10	10	25.40
256	14	4.27	12	30.48	296	24	7.32	21	53.34	336	36	10.97	24	60.96
257	25	7.62	17	43.18	297	20	6.10	10	25.40	337	25	7.62	18	45.72
258	50	15.24	28	71.12	298	40	12.19	36	91.44	338	40	12.19	27	68.58
259	40	12.19	25	63.50	299	18	5.49	13	33.02	339	18	5.49	12	30.48
260	18	5.49	12	30.48	300	65	19.81	34	86.36	340	35	10.67	25	63.50
261	18	5.49	12	30.48	301	35	10.67	28	71.12	341	16	4.88	12	30.48
262	20	6.10	18	45.72	302	42	12.80	23	58.42	342	20	6.10	12	30.48
263	20	6.10	13	33.02	303	62	18.90	35	88.90	343	18	5.49	11	27.94
264	52	15.85	30	76.20	304	45	13.72	23	58.42	344	16	4.88	13	33.02
265	20	6.10	14	35.56	305	21	6.40	10	25.40	345	55	16.76	33	83.82
266	30	9.14	27	68.58	306	26	7.92	14	35.56	346	20	6.10	12	30.48
267	22	6.71	10	25.40	307	18	5.49	15	38.10	347	25	7.62	12	30.48
268	50	15.24	35	88.90	308	20	6.10	18	45.72	348	30	9.14	14	35.56
269	50	15.24	22	55.88	309	30	9.14	14	35.56	349	30	9.14	18	45.72
270	40	12.19	23	58.42	310	35	10.67	14	35.56	350	25	7.62	14	35.56
271	55	16.76	24	60.96	311	20	6.10	10	25.40	351	18	5.49	11	27.94
272	20	6.10	13	33.02	312	20	6.10	16	40.64	352	24	7.32	17	43.18
273	25	7.62	12	30.48	313	38	11.58	12	30.48	353	26	7.92	16	40.64
274	24	7.32	11	27.94	314	20	6.10	13	33.02	354	32	9.75	22	55.88
275	30	9.14	13	33.02	315	35	10.67	24	60.96	355	45	13.72	25	63.50
276	45	13.72	21	53.34	316	15	4.57	12	30.48	356	45	13.72	28	71.12
277	20	6.10	13	33.02	317	15	4.57	13	33.02	357	62	18.90	38	96.52
278	25	7.62	14	35.56	318	20	6.10	13	33.02	358	41	12.50	24	60.96
279	26	7.92	13	33.02	319	35	10.67	20	50.80	359	25	7.62	18	45.72
280	15	4.57	12	30.48	320	32	9.75	22	55.88	360	16	4.88	13	33.02

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	15	4.57	11	27.94	401	24	7.32	13	33.02	441	20	6.10	12	30.48
362	20	6.10	11	27.94	402	18	5.49	13	33.02	442	16	4.88	10	25.40
363	15	4.57	10	25.40	403	20	6.10	15	38.10	443	20	6.10	11	27.94
364	20	6.10	12	30.48	404	18	5.49	12	30.48	444	18	5.49	11	27.94
365	25	7.62	16	40.64	405	32	9.75	14	35.56	445	21	6.40	10	25.40
366	45	13.72	29	73.66	406	45	13.72	20	50.80	446	23	7.01	11	27.94
367	18	5.49	12	30.48	407	35	10.67	15	38.10	447	15	4.57	10	25.40
368	16	4.88	10	25.40	408	32	9.75	16	40.64	448	25	7.62	13	33.02
369	15	4.57	10	25.40	409	25	7.62	14	35.56	449	24	7.32	12	30.48
370	16	4.88	12	30.48	410	52	15.85	31	78.74					
371	18	5.49	12	30.48	411	42	12.80	22	55.88					
372	18	5.49	13	33.02	412	60	18.29	29	73.66					
373	18	5.49	11	27.94	413	15	4.57	13	33.02					
374	20	6.10	13	33.02	414	13	3.96	10	25.40					
375	15	4.57	11	27.94	415	16	4.88	11	27.94					
376	55	16.76	38	96.52	416	25	7.62	17	43.18					
377	40	12.19	22	55.88	417	15	4.57	12	30.48					
378	26	7.92	18	45.72	418	20	6.10	15	38.10					
379	35	10.67	18	45.72	419	20	6.10	14	35.56					
380	15	4.57	10	25.40	420	40	12.19	32	81.28					
381	30	9.14	15	38.10	421	18	5.49	13	33.02					
382	15	4.57	11	27.94	422	20	6.10	15	38.10					
383	22	6.71	14	35.56	423	20	6.10	17	43.18					
384	15	4.57	12	30.48	424	20	6.10	15	38.10					
385	20	6.10	13	33.02	425	20	6.10	16	40.64					
386	18	5.49	10	25.40	426	30	9.14	27	68.58					
387	15	4.57	10	25.40	427	15	4.57	10	25.40					
388	25	7.62	15	38.10	428	14	4.27	10	25.40					
389	18	5.49	11	27.94	429	20	6.10	14	35.56					
390	18	5.49	25	63.50	430	20	6.10	14	35.56					
391	25	7.62	10	25.40	431	18	5.49	12	30.48					
392	15	4.57	10	25.40	432	15	4.57	11	27.94					
393	24	7.32	12	30.48	433	18	5.49	12	30.48					
394	25	7.62	10	25.40	434	15	4.57	11	27.94					
395	24	7.32	12	30.48	435	28	8.53	12	30.48					
396	25	7.62	12	30.48	436	20	6.10	11	27.94					
397	26	7.92	12	30.48	437	18	5.49	15	38.10					
398	24	7.32	13	33.02	438	18	5.49	13	33.02					
399	25	7.62	13	33.02	439	21	6.40	10	25.40					
400	26	7.92	12	30.48	440	19	5.79	11	27.94					

Pterocarpus marsupium/ (Piyasal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	25	63.50
2	25	7.62	13	33.02
3	50	15.24	35	88.90
4	55	16.76	49	124.46
5	45	13.72	36	91.44
6	35	10.67	21	53.34
7	22	6.71	10	25.40
8	50	15.24	56	142.24
9	40	12.19	22	55.88
10	35	10.67	18	45.72
11	65	19.81	50	127.00
12	30	9.14	23	58.42
13	40	12.19	27	68.58
14	30	9.14	18	45.72
15	18	5.49	13	33.02

Buchanania lanzan/ (Piyal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	15	38.10
2	15	4.57	15	38.10
3	15	4.57	12	30.48
4	15	4.57	10	25.40

MD BAZAR

Madhuca latifolia/ (Mahua)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	15	4.57	14	35.56	41	20	6.10	13	33.02	81	18	5.49	16	40.64
2	15	4.57	13	33.02	42	20	6.10	12	30.48	82	16	4.88	12	30.48
3	25	7.62	17	43.18	43	16	4.88	11	27.94	83	20	6.10	10	25.40
4	12	3.66	10	25.40	44	15	4.57	15	38.10	84	15	4.57	10	25.40
5	25	7.62	15	38.10	45	20	6.10	12	30.48	85	18	5.49	14	35.56
6	20	6.10	19	48.26	46	15	4.57	15	38.10	86	22	6.71	14	35.56
7	26	7.92	16	40.64	47	12	3.66	16	40.64	87	18	5.49	10	25.40
8	12	3.66	12	30.48	48	22	6.71	11	27.94	88	35	10.67	24	60.96
9	15	4.57	12	30.48	49	15	4.57	11	27.94	89	15	4.57	15	38.10
10	20	6.10	16	40.64	50	26	7.92	12	30.48	90	19	5.79	14	35.56
11	15	4.57	12	30.48	51	18	5.49	17	43.18	91	15	4.57	13	33.02
12	12	3.66	12	30.48	52	12	3.66	14	35.56	92	15	4.57	11	27.94
13	20	6.10	14	35.56	53	18	5.49	10	25.40	93	12	3.66	12	30.48
14	25	7.62	20	50.80	54	15	4.57	16	40.64	94	16	4.88	13	33.02
15	20	6.10	15	38.10	55	20	6.10	13	33.02	95	21	6.40	10	25.40
16	20	6.10	20	50.80	56	15	4.57	10	25.40	96	18	5.49	20	50.80
17	25	7.62	13	33.02	57	22	6.71	14	35.56	97	22	6.71	12	30.48
18	25	7.62	17	43.18	58	25	7.62	12	30.48	98	20	6.10	16	40.64
19	17	5.18	17	43.18	59	16	4.88	12	30.48	99	25	7.62	10	25.40
20	20	6.10	12	30.48	60	12	3.66	13	33.02	100	21	6.40	14	35.56
21	25	7.62	12	30.48	61	15	4.57	12	30.48	101	30	9.14	23	58.42
22	16	4.88	12	30.48	62	12	3.66	10	25.40	102	20	6.10	10	25.40
23	13	3.96	15	38.10	63	20	6.10	10	25.40	103	20	6.10	16	40.64
24	16	4.88	17	43.18	64	15	4.57	11	27.94	104	26	7.92	11	27.94
25	20	6.10	13	33.02	65	19	5.79	12	30.48	105	12	3.66	14	35.56
26	16	4.88	20	50.80	66	16	4.88	14	35.56	106	18	5.49	17	43.18
27	20	6.10	14	35.56	67	15	4.57	15	38.10	107	20	6.10	12	30.48
28	25	7.62	17	43.18	68	18	5.49	12	30.48	108	38	11.58	10	25.40
29	18	5.49	17	43.18	69	15	4.57	25	63.50	109	18	5.49	20	50.80
30	16	4.88	16	40.64	70	20	6.10	10	25.40	110	16	4.88	35	88.90
31	35	10.67	15	38.10	71	24	7.32	10	25.40	111	18	5.49	10	25.40
32	25	7.62	14	35.56	72	20	6.10	18	45.72	112	10	3.05	12	30.48
33	30	9.14	12	30.48	73	20	6.10	13	33.02	113	20	6.10	16	40.64
34	15	4.57	11	27.94	74	20	6.10	10	25.40	114	20	6.10	10	25.40
35	20	6.10	20	50.80	75	22	6.71	15	38.10	115	18	5.49	13	33.02
36	15	4.57	11	27.94	76	25	7.62	16	40.64	116	15	4.57	24	60.96
37	14	4.27	19	48.26	77	15	4.57	11	27.94	117	25	7.62	10	25.40
38	15	4.57	16	40.64	78	15	4.57	13	33.02	118	16	4.88	16	40.64
39	25	7.62	20	50.80	79	25	7.62	12	30.48	119	18	5.49	14	35.56
40	15	4.57	12	30.48	80	18	5.49	11	27.94	120	15	4.57	14	35.56

MD BAZAR

Madhuca latifolia/ (Mahua)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	15	4.57	22	55.88	161	30	9.14	22	55.88	201	25	7.62	15	38.10
122	15	4.57	13	33.02	162	25	7.62	20	50.80	202	15	4.57	12	30.48
123	15	4.57	12	30.48	163	15	4.57	12	30.48	203	15	4.57	13	33.02
124	15	4.57	16	40.64	164	16	4.88	11	27.94	204	16	4.88	11	27.94
125	15	4.57	16	40.64	165	30	9.14	13	33.02	205	23	7.01	16	40.64
126	16	4.88	19	48.26	166	20	6.10	14	35.56	206	20	6.10	15	38.10
127	16	4.88	13	33.02	167	25	7.62	18	45.72	207	30	9.14	26	66.04
128	15	4.57	15	38.10	168	20	6.10	12	30.48	208	20	6.10	16	40.64
129	15	4.57	16	40.64	169	25	7.62	12	30.48	209	25	7.62	19	48.26
130	14	4.27	11	27.94	170	20	6.10	16	40.64	210	26	7.92	20	50.80
131	15	4.57	12	30.48	171	25	7.62	18	45.72	211	25	7.62	11	27.94
132	15	4.57	12	30.48	172	15	4.57	10	25.40	212	23	7.01	12	30.48
133	16	4.88	15	38.10	173	15	4.57	10	25.40	213	20	6.10	14	35.56
134	16	4.88	15	38.10	174	25	7.62	15	38.10	214	30	9.14	26	66.04
135	20	6.10	42	106.68	175	20	6.10	12	30.48	215	20	6.10	15	38.10
136	15	4.57	10	25.40	176	22	6.71	12	30.48	216	20	6.10	14	35.56
137	15	4.57	11	27.94	177	23	7.01	11	27.94	217	25	7.62	14	35.56
138	16	4.88	16	40.64	178	25	7.62	14	35.56	218	20	6.10	13	33.02
139	22	6.71	10	25.40	179	26	7.92	12	30.48	219	25	7.62	15	38.10
140	20	6.10	10	25.40	180	26	7.92	14	35.56	220	25	7.62	15	38.10
141	18	5.49	11	27.94	181	30	9.14	28	71.12	221	18	5.49	12	30.48
142	17	5.18	10	25.40	182	25	7.62	11	27.94	222	30	9.14	25	63.50
143	16	4.88	11	27.94	183	25	7.62	15	38.10	223	20	6.10	12	30.48
144	15	4.57	10	25.40	184	15	4.57	11	27.94	224	20	6.10	15	38.10
145	20	6.10	13	33.02	185	15	4.57	20	50.80	225	20	6.10	16	40.64
146	25	7.62	20	50.80	186	20	6.10	14	35.56	226	15	4.57	12	30.48
147	25	7.62	18	45.72	187	25	7.62	15	38.10	227	20	6.10	12	30.48
148	25	7.62	22	55.88	188	15	4.57	11	27.94	228	18	5.49	15	38.10
149	20	6.10	15	38.10	189	20	6.10	15	38.10	229	20	6.10	18	45.72
150	20	6.10	17	43.18	190	20	6.10	22	55.88	230	22	6.71	18	45.72
151	20	6.10	18	45.72	191	20	6.10	18	45.72	231	20	6.10	14	35.56
152	22	6.71	12	30.48	192	25	7.62	16	40.64	232	25	7.62	18	45.72
153	30	9.14	25	63.50	193	30	9.14	20	50.80	233	15	4.57	12	30.48
154	15	4.57	11	27.94	194	25	7.62	13	33.02	234	20	6.10	15	38.10
155	25	7.62	14	35.56	195	28	8.53	15	38.10	235	25	7.62	20	50.80
156	26	7.92	18	45.72	196	15	4.57	10	25.40	236	15	4.57	12	30.48
157	15	4.57	10	25.40	197	20	6.10	12	30.48	237	15	4.57	11	27.94
158	40	12.19	33	83.82	198	20	6.10	14	35.56	238	25	7.62	15	38.10
159	15	4.57	12	30.48	199	15	4.57	10	25.40	239	20	6.10	15	38.10
160	25	7.62	14	35.56	200	27	8.23	16	40.64	240	25	7.62	15	38.10

Madhuca latifolia/ (Mahua)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
241	20	6.10	18	45.72
242	16	4.88	10	25.40
243	20	6.10	18	45.72
244	18	5.49	11	27.94
245	25	7.62	15	38.10
246	21	6.40	15	38.10
247	30	9.14	17	43.18
248	30	9.14	18	45.72
249	32	9.75	21	53.34
250	26	7.92	17	43.18
251	15	4.57	12	30.48
252	25	7.62	15	38.10
253	25	7.62	15	38.10
254	19	5.79	17	43.18
255	15	4.57	10	25.40
256	25	7.62	10	25.40
257	22	6.71	15	38.10
258	30	9.14	22	55.88
259	25	7.62	15	38.10
260	19	5.79	12	30.48
261	15	4.57	15	38.10
262	20	6.10	10	25.40
263	20	6.10	10	25.40
264	30	9.14	15	38.10
265	25	7.62	12	30.48
266	15	4.57	17	43.18
267	26	7.92	15	38.10
268	17	5.18	10	25.40
269	15	4.57	20	50.80
270	22	6.71	16	40.64
271	18	5.49	12	30.48
272	22	6.71	15	38.10

Terminalia bellirica / (Bohera)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

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Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94	41	20	6.10	15	38.10	81	25	7.62	16	40.64
2	20	6.10	12	30.48	42	15	4.57	11	27.94	82	15	4.57	10	25.40
3	22	6.71	11	27.94	43	25	7.62	13	33.02	83	18	5.49	16	40.64
4	25	7.62	12	30.48	44	15	4.57	10	25.40	84	15	4.57	10	25.40
5	25	7.62	16	40.64	45	20	6.10	12	30.48	85	40	12.19	25	63.50
6	35	10.67	16	40.64	46	18	5.49	12	30.48	86	22	6.71	10	25.40
7	75	22.86	14	35.56	47	25	7.62	14	35.56	87	20	6.10	16	40.64
8	32	9.75	14	35.56	48	24	7.32	13	33.02	88	20	6.10	12	30.48
9	25	7.62	14	35.56	49	20	6.10	15	38.10	89	15	4.57	13	33.02
10	18	5.49	10	25.40	50	30	9.14	22	55.88	90	25	7.62	13	33.02
11	16	4.88	10	25.40	51	38	11.58	29	73.66	91	50	15.24	25	63.50
12	55	16.76	34	86.36	52	20	6.10	13	33.02	92	15	4.57	12	30.48
13	18	5.49	13	33.02	53	35	10.67	25	63.50	93	15	4.57	10	25.40
14	20	6.10	11	27.94	54	15	4.57	14	35.56	94	26	7.92	12	30.48
15	25	7.62	12	30.48	55	20	6.10	12	30.48	95	18	5.49	17	43.18
16	18	5.49	14	35.56	56	45	13.72	27	68.58	96	30	9.14	13	33.02
17	22	6.71	11	27.94	57	35	10.67	25	63.50	97	32	9.75	13	33.02
18	20	6.10	13	33.02	58	55	16.76	34	86.36	98	15	4.57	10	25.40
19	25	7.62	12	30.48	59	15	4.57	12	30.48	99	35	10.67	12	30.48
20	24	7.32	11	27.94	60	18	5.49	11	27.94	100	38	11.58	13	33.02
21	25	7.62	10	25.40	61	25	7.62	13	33.02	101	24	7.32	14	35.56
22	20	6.10	12	30.48	62	28	8.53	12	30.48	102	29	8.84	16	40.64
23	20	6.10	10	25.40	63	25	7.62	12	30.48	103	29	8.84	12	30.48
24	30	9.14	12	30.48	64	16	4.88	12	30.48	104	38	11.58	13	33.02
25	32	9.75	11	27.94	65	32	9.75	14	35.56	105	30	9.14	22	55.88
26	25	7.62	15	38.10	66	35	10.67	15	38.10	106	33	10.06	10	25.40
27	30	9.14	13	33.02	67	18	5.49	13	33.02	107	25	7.62	10	25.40
28	35	10.67	13	33.02	68	20	6.10	14	35.56	108	16	4.88	20	50.80
29	18	5.49	15	38.10	69	18	5.49	13	33.02	109	18	5.49	13	33.02
30	22	6.71	10	25.40	70	42	12.80	18	45.72	110	50	15.24	16	40.64
31	18	5.49	13	33.02	71	30	9.14	17	43.18	111	35	10.67	23	58.42
32	31	9.45	14	35.56	72	32	9.75	13	33.02	112	40	12.19	10	25.40
33	20	6.10	11	27.94	73	17	5.18	13	33.02	113	40	12.19	14	35.56
34	20	6.10	10	25.40	74	18	5.49	11	27.94	114	20	6.10	10	25.40
35	20	6.10	14	35.56	75	30	9.14	13	33.02	115	18	5.49	13	33.02
36	28	8.53	12	30.48	76	15	4.57	10	25.40	116	18	5.49	11	27.94
37	32	9.75	14	35.56	77	32	9.75	14	35.56	117	30	9.14	11	27.94
38	17	5.18	13	33.02	78	38	11.58	14	35.56	118	20	6.10	11	27.94
39	40	12.19	14	35.56	79	20	6.10	15	38.10	119	22	6.71	27	68.58
40	25	7.62	17	43.18	80	25	7.62	17	43.18	120	20	6.10	12	30.48

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Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	30	9.14	10	25.40	161	25	7.62	13	33.02	201	20	6.10	12	30.48
122	25	7.62	16	40.64	162	25	7.62	15	38.10	202	20	6.10	14	35.56
123	20	6.10	13	33.02	163	45	13.72	24	60.96	203	15	4.57	10	25.40
124	33	10.06	12	30.48	164	20	6.10	11	27.94	204	16	4.88	13	33.02
125	18	5.49	12	30.48	165	18	5.49	13	33.02	205	15	4.57	10	25.40
126	25	7.62	13	33.02	166	20	6.10	10	25.40	206	20	6.10	12	30.48
127	26	7.92	12	30.48	167	16	4.88	10	25.40	207	45	13.72	26	66.04
128	25	7.62	11	27.94	168	18	5.49	13	33.02	208	30	9.14	20	50.80
129	30	9.14	12	30.48	169	25	7.62	15	38.10	209	25	7.62	15	38.10
130	18	5.49	13	33.02	170	25	7.62	14	35.56	210	45	13.72	27	68.58
131	30	9.14	14	35.56	171	18	5.49	10	25.40	211	25	7.62	12	30.48
132	18	5.49	13	33.02	172	20	6.10	13	33.02	212	20	6.10	16	40.64
133	26	7.92	11	27.94	173	50	15.24	28	71.12	213	50	15.24	28	71.12
134	25	7.62	15	38.10	174	18	5.49	13	33.02	214	20	6.10	15	38.10
135	28	8.53	12	30.48	175	18	5.49	14	35.56	215	45	13.72	29	73.66
136	15	4.57	11	27.94	176	20	6.10	14	35.56	216	50	15.24	30	76.20
137	35	10.67	14	35.56	177	16	4.88	10	25.40	217	18	5.49	12	30.48
138	30	9.14	17	43.18	178	20	6.10	12	30.48	218	16	4.88	10	25.40
139	30	9.14	15	38.10	179	18	5.49	11	27.94	219	20	6.10	14	35.56
140	30	9.14	11	27.94	180	17	5.18	11	27.94	220	25	7.62	15	38.10
141	26	7.92	10	25.40	181	18	5.49	13	33.02	221	25	7.62	16	40.64
142	29	8.84	17	43.18	182	20	6.10	12	30.48	222	25	7.62	13	33.02
143	30	9.14	20	50.80	183	17	5.18	11	27.94	223	25	7.62	13	33.02
144	20	6.10	10	25.40	184	55	16.76	33	83.82	224	30	9.14	17	43.18
145	18	5.49	13	33.02	185	18	5.49	15	38.10	225	25	7.62	13	33.02
146	25	7.62	16	40.64	186	25	7.62	15	38.10	226	30	9.14	17	43.18
147	18	5.49	14	35.56	187	18	5.49	12	30.48	227	16	4.88	10	25.40
148	17	5.18	12	30.48	188	18	5.49	12	30.48	228	45	13.72	24	60.96
149	18	5.49	14	35.56	189	20	6.10	15	38.10	229	16	4.88	12	30.48
150	18	5.49	11	27.94	190	18	5.49	12	30.48	230	16	4.88	10	25.40
151	16	4.88	10	25.40	191	18	5.49	13	33.02	231	15	4.57	10	25.40
152	25	7.62	14	35.56	192	15	4.57	11	27.94	232	25	7.62	12	30.48
153	25	7.62	17	43.18	193	50	15.24	30	76.20	233	25	7.62	15	38.10
154	25	7.62	16	40.64	194	45	13.72	24	60.96	234	25	7.62	18	45.72
155	18	5.49	11	27.94	195	20	6.10	18	45.72	235	55	16.76	36	91.44
156	30	9.14	17	43.18	196	18	5.49	10	25.40	236	30	9.14	16	40.64
157	50	15.24	36	91.44	197	20	6.10	16	40.64	237	16	4.88	12	30.48
158	18	5.49	11	27.94	198	25	7.62	17	43.18	238	25	7.62	16	40.64
159	18	5.49	36	91.44	199	15	4.57	10	25.40	239	18	5.49	11	27.94
160	22	6.71	12	30.48	200	50	15.24	27	68.58	240	45	13.72	28	71.12

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	20	6.10	14	35.56	281	15	4.57	11	27.94	321	24	7.32	14	35.56
242	30	9.14	17	43.18	282	20	6.10	12	30.48	322	20	6.10	12	30.48
243	20	6.10	11	27.94	283	30	9.14	18	45.72	323	28	8.53	15	38.10
244	18	5.49	11	27.94	284	15	4.57	10	25.40	324	15	4.57	10	25.40
245	30	9.14	24	60.96	285	30	9.14	18	45.72	325	18	5.49	12	30.48
246	25	7.62	16	40.64	286	15	4.57	14	35.56	326	20	6.10	14	35.56
247	25	7.62	15	38.10	287	20	6.10	11	27.94	327	30	9.14	15	38.10
248	25	7.62	14	35.56	288	25	7.62	14	35.56	328	22	6.71	14	35.56
249	32	9.75	24	60.96	289	30	9.14	18	45.72	329	23	7.01	12	30.48
250	20	6.10	13	33.02	290	22	6.71	12	30.48	330	18	5.49	10	25.40
251	18	5.49	12	30.48	291	30	9.14	14	35.56	331	32	9.75	14	35.56
252	20	6.10	13	33.02	292	60	18.29	33	83.82	332	28	8.53	14	35.56
253	30	9.14	19	48.26	293	32	9.75	19	48.26	333	35	10.67	16	40.64
254	25	7.62	15	38.10	294	27	8.23	15	38.10	334	33	10.06	14	35.56
255	20	6.10	13	33.02	295	30	9.14	17	43.18	335	27	8.23	12	30.48
256	30	9.14	17	43.18	296	20	6.10	11	27.94	336	25	7.62	14	35.56
257	25	7.62	16	40.64	297	25	7.62	21	53.34	337	25	7.62	12	30.48
258	30	9.14	16	40.64	298	20	6.10	15	38.10	338	18	5.49	10	25.40
259	18	5.49	10	25.40	299	25	7.62	19	48.26	339	19	5.79	11	27.94
260	20	6.10	15	38.10	300	32	9.75	21	53.34	340	22	6.71	10	25.40
261	15	4.57	10	25.40	301	30	9.14	29	73.66	341	17	5.18	11	27.94
262	20	6.10	13	33.02	302	30	9.14	26	66.04	342	22	6.71	13	33.02
263	20	6.10	15	38.10	303	20	6.10	13	33.02	343	25	7.62	12	30.48
264	15	4.57	10	25.40	304	30	9.14	28	71.12	344	20	6.10	10	25.40
265	15	4.57	10	25.40	305	20	6.10	11	27.94	345	22	6.71	11	27.94
266	16	4.88	11	27.94	306	30	9.14	25	63.50	346	24	7.32	12	30.48
267	25	7.62	15	38.10	307	20	6.10	15	38.10	347	20	6.10	10	25.40
268	20	6.10	10	25.40	308	20	6.10	12	30.48	348	25	7.62	13	33.02
269	25	7.62	14	35.56	309	22	6.71	10	25.40	349	18	5.49	11	27.94
270	20	6.10	15	38.10	310	20	6.10	10	25.40	350	20	6.10	13	33.02
271	20	6.10	10	25.40	311	25	7.62	15	38.10	351	20	6.10	12	30.48
272	25	7.62	14	35.56	312	30	9.14	29	73.66	352	22	6.71	14	35.56
273	30	9.14	17	43.18	313	30	9.14	26	66.04	353	18	5.49	13	33.02
274	25	7.62	18	45.72	314	20	6.10	11	27.94	354	20	6.10	12	30.48
275	25	7.62	17	43.18	315	23	7.01	14	35.56	355	25	7.62	10	25.40
276	25	7.62	14	35.56	316	18	5.49	13	33.02	356	25	7.62	10	25.40
277	20	6.10	11	27.94	317	25	7.62	14	35.56	357	20	6.10	12	30.48
278	25	7.62	14	35.56	318	18	5.49	11	27.94	358	25	7.62	14	35.56
279	20	6.10	10	25.40	319	20	6.10	13	33.02	359	22	6.71	13	33.02
280	20	6.10	12	30.48	320	21	6.40	13	33.02	360	25	7.62	12	30.48

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	30	9.14	14	35.56	401	28	8.53	13	33.02	441	62	18.90	38	96.52
362	31	9.45	11	27.94	402	20	6.10	11	27.94	442	43	13.11	25	63.50
363	15	4.57	12	30.48	403	25	7.62	16	40.64	443	60	18.29	41	104.14
364	24	7.32	25	63.50	404	25	7.62	14	35.56	444	35	10.67	18	45.72
365	40	12.19	10	25.40	405	26	7.92	16	40.64	445	28	8.53	16	40.64
366	18	5.49	16	40.64	406	40	12.19	30	76.20	446	40	12.19	22	55.88
367	25	7.62	14	35.56	407	20	6.10	15	38.10	447	62	18.90	25	63.50
368	28	8.53	12	30.48	408	45	13.72	27	68.58	448	43	13.11	18	45.72
369	22	6.71	12	30.48	409	25	7.62	27	68.58	449	60	18.29	28	71.12
370	17	5.18	12	30.48	410	20	6.10	16	40.64	450	50	15.24	29	73.66
371	20	6.10	16	40.64	411	35	10.67	15	38.10	451	30	9.14	15	38.10
372	30	9.14	15	38.10	412	30	9.14	15	38.10	452	18	5.49	11	27.94
373	32	9.75	14	35.56	413	25	7.62	16	40.64	453	50	15.24	26	66.04
374	25	7.62	12	30.48	414	45	13.72	29	73.66	454	20	6.10	14	35.56
375	22	6.71	12	30.48	415	25	7.62	16	40.64	455	55	16.76	34	86.36
376	32	9.75	14	35.56	416	25	7.62	14	35.56	456	18	5.49	11	27.94
377	20	6.10	14	35.56	417	25	7.62	17	43.18	457	25	7.62	14	35.56
378	25	7.62	15	38.10	418	22	6.71	12	30.48	458	50	15.24	22	55.88
379	27	8.23	11	27.94	419	20	6.10	14	35.56	459	16	4.88	10	25.40
380	20	6.10	12	30.48	420	22	6.71	14	35.56	460	15	4.57	10	25.40
381	28	8.53	12	30.48	421	18	5.49	12	30.48	461	18	5.49	12	30.48
382	25	7.62	12	30.48	422	15	4.57	10	25.40	462	25	7.62	26	66.04
383	25	7.62	18	45.72	423	16	4.88	11	27.94	463	50	15.24	15	38.10
384	20	6.10	16	40.64	424	45	13.72	22	55.88	464	16	4.88	11	27.94
385	15	4.57	10	25.40	425	25	7.62	18	45.72	465	15	4.57	36	91.44
386	22	6.71	14	35.56	426	60	18.29	37	93.98	466	18	5.49	10	25.40
387	35	10.67	12	30.48	427	25	7.62	14	35.56	467	45	13.72	24	60.96
388	18	5.49	13	33.02	428	25	7.62	15	38.10	468	20	6.10	32	81.28
389	30	9.14	12	30.48	429	45	13.72	28	71.12	469	20	6.10	15	38.10
390	25	7.62	12	30.48	430	25	7.62	16	40.64	470	55	16.76	36	91.44
391	20	6.10	15	38.10	431	25	7.62	17	43.18	471	20	6.10	15	38.10
392	22	6.71	13	33.02	432	65	19.81	28	71.12	472	16	4.88	27	68.58
393	60	18.29	25	63.50	433	30	9.14	16	40.64	473	50	15.24	32	81.28
394	18	5.49	10	25.40	434	25	7.62	19	48.26	474	25	7.62	15	38.10
395	17	5.18	11	27.94	435	25	7.62	14	35.56	475	20	6.10	10	25.40
396	52	15.85	25	63.50	436	60	18.29	34	86.36	476	25	7.62	15	38.10
397	22	6.71	11	27.94	437	21	6.40	13	33.02	477	45	13.72	27	68.58
398	20	6.10	11	27.94	438	35	10.67	18	45.72	478	22	6.71	12	30.48
399	28	8.53	15	38.10	439	28	8.53	12	30.48	479	50	15.24	29	73.66
400	30	9.14	12	30.48	440	40	12.19	25	63.50	480	45	13.72	23	58.42

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	30	9.14	24	60.96	521	17	5.18	11	27.94	561	25	7.62	13	33.02
482	25	7.62	12	30.48	522	55	16.76	33	83.82	562	30	9.14	17	43.18
483	26	7.92	12	30.48	523	18	5.49	15	38.10	563	25	7.62	13	33.02
484	31	9.45	13	33.02	524	25	7.62	15	38.10	564	30	9.14	17	43.18
485	18	5.49	14	35.56	525	18	5.49	12	30.48	565	16	4.88	10	25.40
486	42	12.80	22	55.88	526	18	5.49	12	30.48	566	45	13.72	24	60.96
487	50	15.24	33	83.82	527	20	6.10	15	38.10	567	16	4.88	12	30.48
488	24	7.32	15	38.10	528	18	5.49	12	30.48	568	16	4.88	10	25.40
489	28	8.53	18	45.72	529	18	5.49	13	33.02	569	15	4.57	10	25.40
490	21	6.40	11	27.94	530	15	4.57	11	27.94	570	25	7.62	12	30.48
491	35	10.67	24	60.96	531	50	15.24	30	76.20	571	25	7.62	15	38.10
492	20	6.10	14	35.56	532	45	13.72	24	60.96	572	25	7.62	18	45.72
493	26	7.92	14	35.56	533	20	6.10	18	45.72	573	55	16.76	36	91.44
494	28	8.53	14	35.56	534	18	5.49	10	25.40	574	30	9.14	16	40.64
495	27	8.23	12	30.48	535	20	6.10	16	40.64	575	16	4.88	12	30.48
496	26	7.92	15	38.10	536	25	7.62	17	43.18	576	25	7.62	16	40.64
497	21	6.40	10	25.40	537	156	47.55	10	25.40	577	18	5.49	11	27.94
498	22	6.71	10	25.40	538	50	15.24	27	68.58	578	45	13.72	28	71.12
499	19	5.79	12	30.48	539	20	6.10	12	30.48	579	20	6.10	14	35.56
500	18	5.49	11	27.94	540	20	6.10	14	35.56	580	30	9.14	17	43.18
501	20	6.10	11	27.94	541	15	4.57	10	25.40	581	20	6.10	11	27.94
502	23	7.01	10	25.40	542	16	4.88	12	30.48	582	18	5.49	11	27.94
503	43	13.11	26	66.04	543	15	4.57	26	66.04	583	30	9.14	24	60.96
504	32	9.75	14	35.56	544	20	6.10	20	50.80	584	25	7.62	16	40.64
505	26	7.92	13	33.02	545	45	13.72	15	38.10	585	25	7.62	15	38.10
506	50	15.24	27	68.58	546	30	9.14	27	68.58	586	25	7.62	14	35.56
507	48	14.63	25	63.50	547	25	7.62	15	38.10	587	32	9.75	24	60.96
508	45	13.72	20	50.80	548	45	13.72	32	81.28	588	20	6.10	13	33.02
509	40	12.19	15	38.10	549	25	7.62	12	30.48	589	18	5.49	12	30.48
510	48	14.63	23	58.42	550	20	6.10	16	40.64	590	20	6.10	13	33.02
511	25	7.62	10	25.40	551	50	15.24	28	71.12	591	30	9.14	19	48.26
512	26	7.92	11	27.94	552	20	6.10	15	38.10	592	25	7.62	15	38.10
513	30	9.14	14	35.56	553	45	13.72	29	73.66	593	20	6.10	13	33.02
514	45	13.72	28	71.12	554	50	15.24	30	76.20	594	30	9.14	17	43.18
515	32	9.75	12	30.48	555	18	5.49	12	30.48	595	25	7.62	16	40.64
516	30	9.14	12	30.48	556	16	4.88	10	25.40	596	30	9.14	18	45.72
517	62	18.90	33	83.82	557	20	6.10	14	35.56	597	18	5.49	10	25.40
518	17	5.18	11	27.94	558	25	7.62	15	38.10	598	20	6.10	15	38.10
519	18	5.49	13	33.02	559	25	7.62	16	40.64	599	22	6.71	18	45.72
520	20	6.10	12	30.48	560	25	7.62	13	33.02					

MD BAZAR

Madhuca latifolia/ (Mahua)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	16	4.88	11	27.94	41	18	5.49	15	38.10	81	20	6.10	17	43.18
2	33	10.06	10	25.40	42	16	4.88	10	25.40	82	20	6.10	19	48.26
3	15	4.57	12	30.48	43	18	5.49	10	25.40	83	25	7.62	17	43.18
4	15	4.57	11	27.94	44	15	4.57	16	40.64	84	15	4.57	13	33.02
5	20	6.10	10	25.40	45	15	4.57	13	33.02	85	15	4.57	10	25.40
6	20	6.10	21	53.34	46	20	6.10	18	45.72	86	20	6.10	19	48.26
7	15	4.57	10	25.40	47	18	5.49	10	25.40	87	20	6.10	14	35.56
8	33	10.06	10	25.40	48	25	7.62	29	73.66	88	22	6.71	14	35.56
9	15	4.57	15	38.10	49	15	4.57	21	53.34	89	20	6.10	15	38.10
10	15	4.57	12	30.48	50	25	7.62	12	30.48	90	20	6.10	13	33.02
11	26	7.92	10	25.40	51	25	7.62	15	38.10	91	23	7.01	15	38.10
12	21	6.40	18	45.72	52	15	4.57	16	40.64	92	18	5.49	12	30.48
13	15	4.57	11	27.94	53	17	5.18	10	25.40	93	20	6.10	15	38.10
14	17	5.18	13	33.02	54	25	7.62	17	43.18	94	23	7.01	14	35.56
15	21	6.40	12	30.48	55	15	4.57	23	58.42	95	30	9.14	18	45.72
16	15	4.57	12	30.48	56	18	5.49	21	53.34	96	32	9.75	16	40.64
17	16	4.88	16	40.64	57	25	7.62	15	38.10	97	28	8.53	18	45.72
18	20	6.10	23	58.42	58	20	6.10	11	27.94	98	20	6.10	14	35.56
19	18	5.49	10	25.40	59	16	4.88	25	63.50	99	25	7.62	15	38.10
20	25	7.62	10	25.40	60	15	4.57	10	25.40	100	38	11.58	18	45.72
21	15	4.57	14	35.56	61	22	6.71	20	50.80	101	40	12.19	28	71.12
22	15	4.57	10	25.40	62	12	3.66	12	30.48	102	35	10.67	22	55.88
23	15	4.57	17	43.18	63	25	7.62	18	45.72	103	30	9.14	15	38.10
24	20	6.10	14	35.56	64	15	4.57	10	25.40	104	20	6.10	16	40.64
25	22	6.71	10	25.40	65	25	7.62	20	50.80	105	25	7.62	15	38.10
26	18	5.49	13	33.02	66	15	4.57	10	25.40	106	15	4.57	13	33.02
27	15	4.57	11	27.94	67	20	6.10	16	40.64	107	18	5.49	13	33.02
28	15	4.57	10	25.40	68	20	6.10	15	38.10	108	15	4.57	10	25.40
29	15	4.57	14	35.56	69	16	4.88	11	27.94	109	32	9.75	24	60.96
30	16	4.88	20	50.80	70	17	5.18	12	30.48	110	18	5.49	11	27.94
31	25	7.62	16	40.64	71	18	5.49	10	25.40	111	20	6.10	14	35.56
32	30	9.14	14	35.56	72	21	6.40	12	30.48	112	33	10.06	18	45.72
33	18	5.49	12	30.48	73	31	9.45	14	35.56	113	30	9.14	15	38.10
34	16	4.88	10	25.40	74	28	8.53	18	45.72	114	32	9.75	14	35.56
35	24	7.32	22	55.88	75	24	7.32	12	30.48	115	30	9.14	22	55.88
36	15	4.57	12	30.48	76	31	9.45	13	33.02	116	20	6.10	15	38.10
37	20	6.10	10	25.40	77	25	7.62	15	38.10	117	25	7.62	25	63.50
38	18	5.49	10	25.40	78	20	6.10	15	38.10	118	35	10.67	20	50.80
39	15	4.57	20	50.80	79	15	4.57	11	27.94	119	27	8.23	22	55.88
40	15	4.57	13	33.02	80	18	5.49	15	38.10	120	25	7.62	20	50.80

Madhuca latifolia/ (Mahua)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
121	27	8.23	18	45.72
122	20	6.10	12	30.48
123	25	7.62	16	40.64
124	25	7.62	15	38.10
125	30	9.14	16	40.64
126	28	8.53	13	33.02

Pterocarpus marsupium/ (Piyasal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	43	109.22
2	40	12.19	19	48.26
3	50	15.24	30	76.20
4	30	9.14	18	45.72
5	20	6.10	13	33.02
6	50	15.24	23	58.42
7	50	15.24	28	71.12
8	45	13.72	29	73.66

Buchanania lanzan/ (Piyal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	14	35.56
2	15	4.57	10	25.40
3	20	6.10	15	38.10
4	18	5.49	15	38.10
5	15	4.57	10	25.40
6	15	4.57	13	33.02
7	15	4.57	10	25.40
8	15	4.57	10	25.40

Terminalia bellirica / (Bohera)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56

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Shorea robusta/ (Sal)													
SL. No	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	28	71.12	41	60	18.29	21	53.34	81	25	7.62	12	30.48
2	40	12.19	34	86.36	42	60	18.29	20	50.80	82	40	12.19	25	63.50
3	20	6.10	12	30.48	43	60	18.29	20	50.80	83	20	6.10	17	43.18
4	40	12.19	26	66.04	44	60	18.29	20	50.80	84	60	18.29	34	86.36
5	30	9.14	15	38.10	45	40	12.19	18	45.72	85	60	18.29	34	86.36
6	40	12.19	20	50.80	46	60	18.29	25	63.50	86	20	6.10	10	25.40
7	50	15.24	34	86.36	47	60	18.29	20	50.80	87	35	10.67	20	50.80
8	20	6.10	14	35.56	48	45	13.72	20	50.80	88	15	4.57	10	25.40
9	20	6.10	12	30.48	49	70	21.34	35	88.90	89	70	21.34	42	106.68
10	35	10.67	20	50.80	50	60	18.29	35	88.90	90	70	21.34	19	48.26
11	35	10.67	20	50.80	51	25	7.62	17	43.18	91	70	21.34	20	50.80
12	60	18.29	33	83.82	52	60	18.29	18	45.72	92	60	18.29	20	50.80
13	30	9.14	25	63.50	53	60	18.29	18	45.72	93	35	10.67	20	50.80
14	35	10.67	24	60.96	54	20	6.10	12	30.48	94	38	11.58	19	48.26
15	40	12.19	21	53.34	55	45	13.72	22	55.88	95	40	12.19	20	50.80
16	30	9.14	15	38.10	56	60	18.29	25	63.50	96	60	18.29	25	63.50
17	30	9.14	36	91.44	57	45	13.72	20	50.80	97	60	18.29	18	45.72
18	60	18.29	30	76.20	58	70	21.34	30	76.20	98	60	18.29	18	45.72
19	60	18.29	20	50.80	59	60	18.29	29	73.66	99	45	13.72	17	43.18
20	15	4.57	22	55.88	60	25	7.62	20	50.80	100	20	6.10	15	38.10
21	40	12.19	23	58.42	61	35	10.67	20	50.80	101	40	12.19	17	43.18
22	40	12.19	33	83.82	62	35	10.67	22	55.88	102	60	18.29	23	58.42
23	50	15.24	12	30.48	63	70	21.34	29	73.66	103	61	18.59	31	78.74
24	20	6.10	21	53.34	64	70	21.34	40	101.60	104	55	16.76	23	58.42
25	30	9.14	21	53.34	65	60	18.29	35	88.90	105	58	17.68	18	45.72
26	60	18.29	29	73.66	66	60	18.29	29	73.66	106	60	18.29	31	78.74
27	60	18.29	29	73.66	67	65	19.81	29	73.66	107	60	18.29	32	81.28
28	15	4.57	18	45.72	68	60	18.29	29	73.66	108	40	12.19	19	48.26
29	20	6.10	25	63.50	69	60	18.29	25	63.50	109	60	18.29	22	55.88
30	20	6.10	17	43.18	70	20	6.10	11	27.94	110	45	13.72	18	45.72
31	40	12.19	24	60.96	71	60	18.29	25	63.50	111	60	18.29	23	58.42
32	60	18.29	33	83.82	72	60	18.29	28	71.12	112	45	13.72	18	45.72
33	60	18.29	30	76.20	73	70	21.34	42	106.68	113	60	18.29	29	73.66
34	60	18.29	25	63.50	74	60	18.29	29	73.66	114	62	18.90	33	83.82
35	35	10.67	17	43.18	75	40	12.19	25	63.50	115	46	14.02	22	55.88
36	15	4.57	10	25.40	76	60	18.29	28	71.12	116	40	12.19	20	50.80
37	60	18.29	27	68.58	77	60	18.29	31	78.74	117	38	11.58	18	45.72
38	60	18.29	27	68.58	78	60	18.29	30	76.20	118	40	12.19	19	48.26
39	60	18.29	21	53.34	79	20	6.10	10	25.40	119	41	12.50	18	45.72
40	12	3.66	12	30.48	80	31	9.45	14	35.56	120	45	13.72	23	58.42

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	50	15.24	18	45.72	161	60	18.29	19	48.26	201	32	9.75	18	45.72
122	30	9.14	29	73.66	162	50	15.24	18	45.72	202	50	15.24	23	58.42
123	50	15.24	19	48.26	163	45	13.72	17	43.18	203	60	18.29	21	53.34
124	60	18.29	10	25.40	164	28	8.53	20	50.80	204	60	18.29	25	63.50
125	62	18.90	18	45.72	165	45	13.72	22	55.88	205	63	19.20	28	71.12
126	15	4.57	23	58.42	166	15	4.57	12	30.48	206	42	12.80	21	53.34
127	45	13.72	25	63.50	167	53	16.15	19	48.26	207	30	9.14	19	48.26
128	60	18.29	35	88.90	168	72	21.95	56	142.24	208	53	16.15	21	53.34
129	70	21.34	40	101.60	169	18	5.49	45	114.30	209	42	12.80	20	50.80
130	60	18.29	25	63.50	170	55	16.76	20	50.80	210	45	13.72	22	55.88
131	60	18.29	26	66.04	171	56	17.07	19	48.26	211	38	11.58	19	48.26
132	42	12.80	19	48.26	172	60	18.29	21	53.34	212	44	13.41	19	48.26
133	25	7.62	17	43.18	173	35	10.67	18	45.72	213	52	15.85	26	66.04
134	15	4.57	11	27.94	174	60	18.29	33	83.82	214	22	6.71	15	38.10
135	25	7.62	15	38.10	175	25	7.62	15	38.10	215	32	9.75	20	50.80
136	15	4.57	10	25.40	176	25	7.62	16	40.64	216	22	6.71	15	38.10
137	18	5.49	12	30.48	177	63	19.20	32	81.28	217	40	12.19	21	53.34
138	20	6.10	12	30.48	178	58	17.68	27	68.58	218	45	13.72	22	55.88
139	25	7.62	15	38.10	179	45	13.72	18	45.72	219	41	12.50	22	55.88
140	45	13.72	22	55.88	180	25	7.62	13	33.02	220	46	14.02	18	45.72
141	47	14.33	25	63.50	181	25	7.62	15	38.10	221	25	7.62	19	48.26
142	55	16.76	30	76.20	182	23	7.01	11	27.94	222	36	10.97	22	55.88
143	62	18.90	32	81.28	183	40	12.19	19	48.26	223	28	8.53	18	45.72
144	65	19.81	38	96.52	184	32	9.75	17	43.18	224	35	10.67	20	50.80
145	52	15.85	35	88.90	185	36	10.97	16	40.64	225	37	11.28	25	63.50
146	45	13.72	28	71.12	186	32	9.75	18	45.72	226	38	11.58	21	53.34
147	26	7.92	15	38.10	187	42	12.80	20	50.80	227	32	9.75	19	48.26
148	22	6.71	13	33.02	188	52	15.85	19	48.26	228	31	9.45	17	43.18
149	62	18.90	39	99.06	189	20	6.10	16	40.64	229	28	8.53	18	45.72
150	56	17.07	26	66.04	190	45	13.72	18	45.72	230	15	4.57	18	45.72
151	55	16.76	29	73.66	191	47	14.33	21	53.34	231	20	6.10	18	45.72
152	62	18.90	40	101.60	192	27	8.23	16	40.64	232	20	6.10	11	27.94
153	25	7.62	20	50.80	193	15	4.57	10	25.40	233	41	12.50	22	55.88
154	28	8.53	18	45.72	194	24	7.32	11	27.94	234	28	8.53	19	48.26
155	36	10.97	18	45.72	195	53	16.15	21	53.34	235	43	13.11	20	50.80
156	37	11.28	20	50.80	196	48	14.63	22	55.88	236	18	5.49	10	25.40
157	40	12.19	22	55.88	197	50	15.24	20	50.80	237	24	7.32	15	38.10
158	47	14.33	25	63.50	198	65	19.81	48	121.92	238	22	6.71	10	25.40
159	55	16.76	27	68.58	199	58	17.68	25	63.50	239	43	13.11	21	53.34
160	62	18.90	33	83.82	200	30	9.14	16	40.64	240	25	7.62	17	43.18

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	26	7.92	18	45.72	281	20	6.10	18	45.72	321	30	9.14	19	48.26
242	25	7.62	18	45.72	282	25	7.62	18	45.72	322	25	7.62	14	35.56
243	27	8.23	15	38.10	283	25	7.62	20	50.80	323	31	9.45	18	45.72
244	29	8.84	21	53.34	284	25	7.62	11	27.94	324	24	7.32	11	27.94
245	25	7.62	16	40.64	285	22	6.71	11	27.94	325	32	9.75	17	43.18
246	32	9.75	18	45.72	286	35	10.67	17	43.18	326	35	10.67	12	30.48
247	16	4.88	15	38.10	287	30	9.14	15	38.10	327	34	10.36	14	35.56
248	35	10.67	21	53.34	288	26	7.92	18	45.72	328	21	6.40	13	33.02
249	24	7.32	19	48.26	289	25	7.62	15	38.10	329	30	9.14	17	43.18
250	25	7.62	17	43.18	290	30	9.14	22	55.88	330	32	9.75	23	58.42
251	35	10.67	22	55.88	291	25	7.62	19	48.26	331	18	5.49	12	30.48
252	26	7.92	17	43.18	292	25	7.62	15	38.10	332	33	10.06	17	43.18
253	15	4.57	10	25.40	293	20	6.10	11	27.94	333	16	4.88	11	27.94
254	16	4.88	11	27.94	294	26	7.92	15	38.10	334	27	8.23	10	25.40
255	15	4.57	12	30.48	295	24	7.32	14	35.56	335	21	6.40	10	25.40
256	36	10.97	19	48.26	296	15	4.57	10	25.40	336	32	9.75	19	48.26
257	17	5.18	10	25.40	297	30	9.14	23	58.42	337	35	10.67	18	45.72
258	25	7.62	18	45.72	298	26	7.92	16	40.64	338	35	10.67	25	63.50
259	20	6.10	11	27.94	299	26	7.92	14	35.56	339	38	11.58	20	50.80
260	35	10.67	22	55.88	300	25	7.62	15	38.10	340	27	8.23	12	30.48
261	25	7.62	12	30.48	301	26	7.92	12	30.48	341	25	7.62	20	50.80
262	25	7.62	17	43.18	302	23	7.01	11	27.94	342	15	4.57	14	35.56
263	45	13.72	11	27.94	303	25	7.62	18	45.72	343	35	10.67	19	48.26
264	37	11.28	16	40.64	304	30	9.14	24	60.96	344	25	7.62	12	30.48
265	12	3.66	15	38.10	305	25	7.62	18	45.72	345	27	8.23	20	50.80
266	20	6.10	15	38.10	306	25	7.62	19	48.26	346	25	7.62	25	63.50
267	25	7.62	20	50.80	307	26	7.92	15	38.10	347	25	7.62	24	60.96
268	20	6.10	22	55.88	308	24	7.32	14	35.56	348	26	7.92	18	45.72
269	21	6.40	10	25.40	309	25	7.62	15	38.10	349	32	9.75	18	45.72
270	17	5.18	15	38.10	310	20	6.10	16	40.64	350	58	17.68	25	63.50
271	16	4.88	16	40.64	311	21	6.40	10	25.40	351	25	7.62	13	33.02
272	25	7.62	11	27.94	312	25	7.62	18	45.72	352	30	9.14	14	35.56
273	26	7.92	10	25.40	313	31	9.45	19	48.26	353	27	8.23	16	40.64
274	26	7.92	10	25.40	314	27	8.23	18	45.72	354	26	7.92	17	43.18
275	27	8.23	11	27.94	315	16	4.88	10	25.40	355	16	4.88	11	27.94
276	50	15.24	13	33.02	316	25	7.62	12	30.48	356	18	5.49	15	38.10
277	35	10.67	10	25.40	317	26	7.92	16	40.64	357	20	6.10	14	35.56
278	32	9.75	18	45.72	318	18	5.49	11	27.94	358	32	9.75	21	53.34
279	35	10.67	11	27.94	319	15	4.57	10	25.40	359	36	10.97	18	45.72
280	20	6.10	21	53.34	320	25	7.62	18	45.72	360	17	5.18	12	30.48

MD BAZAR

Shorea robusta/ (Sal)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	25	7.62	15	38.10	401	27	8.23	24	60.96	441	62	18.90	26	66.04
362	35	10.67	24	60.96	402	60	18.29	17	43.18	442	45	13.72	24	60.96
363	30	9.14	14	35.56	403	53	16.15	25	63.50	443	61	18.59	30	76.20
364	25	7.62	12	30.48	404	62	18.90	14	35.56	444	63	19.20	35	88.90
365	16	4.88	11	27.94	405	16	4.88	12	30.48	445	53	16.15	40	101.60
366	27	8.23	14	35.56	406	21	6.40	22	55.88	446	41	12.50	25	63.50
367	32	9.75	21	53.34	407	63	19.20	18	45.72	447	60	18.29	23	58.42
368	23	7.01	12	30.48	408	60	18.29	18	45.72	448	40	12.19	16	40.64
369	35	10.67	21	53.34	409	35	10.67	27	68.58	449	60	18.29	21	53.34
370	28	8.53	16	40.64	410	63	19.20	25	63.50	450	25	7.62	13	33.02
371	22	6.71	12	30.48	411	60	18.29	25	63.50	451	62	18.90	23	58.42
372	26	7.92	14	35.56	412	61	18.59	25	63.50	452	55	16.76	16	40.64
373	31	9.45	19	48.26	413	62	18.90	18	45.72	453	63	19.20	20	50.80
374	26	7.92	18	45.72	414	47	14.33	36	91.44	454	60	18.29	25	63.50
375	22	6.71	13	33.02	415	73	22.25	42	106.68	455	42	12.80	16	40.64
376	30	9.14	18	45.72	416	50	15.24	32	81.28	456	65	19.81	27	68.58
377	12	3.66	10	25.40	417	35	10.67	20	50.80	457	53	16.15	21	53.34
378	25	7.62	16	40.64	418	20	6.10	11	27.94	458	60	18.29	23	58.42
379	27	8.23	17	43.18	419	42	12.80	20	50.80	459	45	13.72	13	33.02
380	21	6.40	14	35.56	420	60	18.29	29	73.66	460	57	17.37	19	48.26
381	30	9.14	17	43.18	421	62	18.90	30	76.20	461	25	7.62	11	27.94
382	42	12.80	17	43.18	422	50	15.24	21	53.34	462	26	7.92	11	27.94
383	20	6.10	11	27.94	423	65	19.81	15	38.10	463	62	18.90	21	53.34
384	25	7.62	15	38.10	424	61	18.59	16	40.64	464	52	15.85	21	53.34
385	40	12.19	24	60.96	425	63	19.20	22	55.88	465	30	9.14	18	45.72
386	31	9.45	18	45.72	426	60	18.29	25	63.50	466	25	7.62	11	27.94
387	60	18.29	32	81.28	427	71	21.64	22	55.88	467	30	9.14	15	38.10
388	35	10.67	16	40.64	428	20	6.10	24	60.96	468	35	10.67	16	40.64
389	62	18.90	27	68.58	429	60	18.29	28	71.12	469	38	11.58	16	40.64
390	66	20.12	25	63.50	430	61	18.59	13	33.02	470	27	8.23	15	38.10
391	61	18.59	26	66.04	431	60	18.29	27	68.58	471	26	7.92	15	38.10
392	48	14.63	18	45.72	432	55	16.76	23	58.42	472	33	10.06	15	38.10
393	58	17.68	19	48.26	433	67	20.42	20	50.80	473	27	8.23	13	33.02
394	52	15.85	26	66.04	434	52	15.85	18	45.72	474	45	13.72	20	50.80
395	58	17.68	25	63.50	435	50	15.24	26	66.04	475	32	9.75	16	40.64
396	63	19.20	21	53.34	436	63	19.20	26	66.04	476	28	8.53	13	33.02
397	53	16.15	22	55.88	437	23	7.01	18	45.72	477	44	13.41	18	45.72
398	61	18.59	25	63.50	438	20	6.10	22	55.88	478	25	7.62	12	30.48
399	61	18.59	20	50.80	439	68	20.73	28	71.12	479	18	5.49	11	27.94
400	63	19.20	18	45.72	440	60	18.29	27	68.58	480	15	4.57	12	30.48

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	20	6.10	12	30.48	521	20	6.10	15	38.10	561	35	10.67	22	55.88
482	15	4.57	17	43.18	522	15	4.57	11	27.94	562	32	9.75	21	53.34
483	16	4.88	15	38.10	523	20	6.10	12	30.48	563	22	6.71	16	40.64
484	15	4.57	12	30.48	524	20	6.10	16	40.64	564	18	5.49	13	33.02
485	15	4.57	12	30.48	525	25	7.62	15	38.10	565	62	18.90	18	45.72
486	15	4.57	10	25.40	526	35	10.67	22	55.88	566	35	10.67	26	66.04
487	20	6.10	18	45.72	527	20	6.10	10	25.40	567	21	6.40	12	30.48
488	60	18.29	27	68.58	528	25	7.62	15	38.10	568	22	6.71	13	33.02
489	20	6.10	16	40.64	529	26	7.92	19	48.26	569	16	4.88	10	25.40
490	15	4.57	12	30.48	530	15	4.57	11	27.94	570	28	8.53	14	35.56
491	25	7.62	20	50.80	531	15	4.57	10	25.40	571	22	6.71	12	30.48
492	15	4.57	10	25.40	532	16	4.88	10	25.40	572	25	7.62	14	35.56
493	25	7.62	17	43.18	533	14	4.27	10	25.40	573	20	6.10	13	33.02
494	20	6.10	17	43.18	534	15	4.57	12	30.48	574	15	4.57	10	25.40
495	20	6.10	17	43.18	535	25	7.62	20	50.80	575	20	6.10	10	25.40
496	35	10.67	10	25.40	536	20	6.10	11	27.94	576	22	6.71	12	30.48
497	20	6.10	20	50.80	537	22	6.71	15	38.10	577	41	12.50	21	53.34
498	20	6.10	12	30.48	538	26	7.92	21	53.34	578	25	7.62	15	38.10
499	25	7.62	25	63.50	539	41	12.50	20	50.80	579	35	10.67	17	43.18
500	20	6.10	12	30.48	540	22	6.71	15	38.10	580	15	4.57	10	25.40
501	30	9.14	10	25.40	541	35	10.67	21	53.34	581	16	4.88	10	25.40
502	20	6.10	15	38.10	542	25	7.62	18	45.72	582	25	7.62	14	35.56
503	15	4.57	25	63.50	543	26	7.92	22	55.88	583	15	4.57	10	25.40
504	20	6.10	10	25.40	544	25	7.62	11	27.94	584	26	7.92	15	38.10
505	25	7.62	30	76.20	545	27	8.23	17	43.18	585	20	6.10	10	25.40
506	15	4.57	10	25.40	546	25	7.62	11	27.94	586	14	4.27	10	25.40
507	40	12.19	20	50.80	547	12	3.66	30	76.20	587	15	4.57	10	25.40
508	15	4.57	12	30.48	548	20	6.10	10	25.40	588	20	6.10	11	27.94
509	25	7.62	15	38.10	549	15	4.57	10	25.40	589	20	6.10	12	30.48
510	20	6.10	12	30.48	550	20	6.10	10	25.40	590	31	9.45	15	38.10
511	15	4.57	10	25.40	551	27	8.23	15	38.10	591	25	7.62	11	27.94
512	25	7.62	15	38.10	552	25	7.62	20	50.80	592	26	7.92	18	45.72
513	15	4.57	10	25.40	553	16	4.88	11	27.94	593	25	7.62	11	27.94
514	20	6.10	18	45.72	554	15	4.57	10	25.40	594	24	7.32	12	30.48
515	15	4.57	10	25.40	555	16	4.88	10	25.40	595	40	12.19	15	38.10
516	25	7.62	15	38.10	556	15	4.57	10	25.40	596	25	7.62	11	27.94
517	25	7.62	17	43.18	557	20	6.10	12	30.48	597	15	4.57	18	45.72
518	25	7.62	17	43.18	558	26	7.92	15	38.10	598	25	7.62	11	27.94
519	18	5.49	13	33.02	559	25	7.62	18	45.72	599	25	7.62	10	25.40
520	20	6.10	10	25.40	560	16	4.88	10	25.40	600	15	4.57	15	38.10

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	25	7.62	22	55.88	641	20	6.10	11	27.94	681	60	18.29	27	68.58
602	25	7.62	11	27.94	642	25	7.62	10	25.40	682	60	18.29	17	43.18
603	26	7.92	22	55.88	643	25	7.62	13	33.02	683	62	18.90	26	66.04
604	15	4.57	10	25.40	644	25	7.62	10	25.40	684	61	18.59	25	63.50
605	18	5.49	12	30.48	645	27	8.23	17	43.18	685	63	19.20	34	86.36
606	20	6.10	12	30.48	646	31	9.45	22	55.88	686	60	18.29	42	106.68
607	25	7.62	23	58.42	647	17	5.18	11	27.94	687	61	18.59	20	50.80
608	50	15.24	35	88.90	648	20	6.10	13	33.02	688	61	18.59	23	58.42
609	40	12.19	18	45.72	649	26	7.92	15	38.10	689	64	19.51	24	60.96
610	16	4.88	10	25.40	650	25	7.62	15	38.10	690	60	18.29	26	66.04
611	12	3.66	10	25.40	651	27	8.23	11	27.94	691	63	19.20	23	58.42
612	18	5.49	10	25.40	652	20	6.10	12	30.48	692	60	18.29	27	68.58
613	20	6.10	11	27.94	653	33	10.06	15	38.10	693	53	16.15	22	55.88
614	25	7.62	14	35.56	654	30	9.14	18	45.72	694	60	18.29	22	55.88
615	18	5.49	10	25.40	655	22	6.71	12	30.48	695	51	15.54	17	43.18
616	20	6.10	10	25.40	656	25	7.62	16	40.64	696	65	19.81	31	78.74
617	19	5.79	10	25.40	657	31	9.45	18	45.72	697	61	18.59	32	81.28
618	12	3.66	18	45.72	658	61	18.59	35	88.90	698	60	18.29	20	50.80
619	18	5.49	12	30.48	659	62	18.90	25	63.50	699	63	19.20	21	53.34
620	18	5.49	10	25.40	660	30	9.14	25	63.50	700	20	6.10	12	30.48
621	30	9.14	22	55.88	661	35	10.67	17	43.18	701	67	20.42	35	88.90
622	25	7.62	16	40.64	662	42	12.80	20	50.80	702	50	15.24	24	60.96
623	15	4.57	10	25.40	663	27	8.23	20	50.80	703	47	14.33	18	45.72
624	40	12.19	18	45.72	664	33	10.06	10	25.40	704	53	16.15	23	58.42
625	25	7.62	15	38.10	665	30	9.14	18	45.72	705	60	18.29	24	60.96
626	20	6.10	13	33.02	666	45	13.72	25	63.50	706	35	10.67	15	38.10
627	50	15.24	20	50.80	667	30	9.14	18	45.72	707	61	18.59	27	68.58
628	18	5.49	11	27.94	668	58	17.68	22	55.88	708	65	19.81	38	96.52
629	25	7.62	10	25.40	669	52	15.85	17	43.18	709	45	13.72	25	63.50
630	45	13.72	21	53.34	670	49	14.94	18	45.72	710	50	15.24	28	71.12
631	26	7.92	17	43.18	671	48	14.63	18	45.72	711	52	15.85	32	81.28
632	27	8.23	13	33.02	672	30	9.14	18	45.72	712	50	15.24	33	83.82
633	35	10.67	18	45.72	673	63	19.20	22	55.88	713	50	15.24	28	71.12
634	20	6.10	13	33.02	674	41	12.50	25	63.50	714	53	16.15	27	68.58
635	21	6.40	14	35.56	675	52	15.85	20	50.80	715	31	9.45	20	50.80
636	30	9.14	18	45.72	676	60	18.29	16	40.64	716	15	4.57	10	25.40
637	25	7.62	12	30.48	677	60	18.29	15	38.10	717	23	7.01	12	30.48
638	23	7.01	18	45.72	678	40	12.19	17	43.18	718	15	4.57	11	27.94
639	16	4.88	12	30.48	679	35	10.67	19	48.26	719	20	6.10	12	30.48
640	30	9.14	18	45.72	680	40	12.19	22	55.88	720	15	4.57	10	25.40

MD BAZAR

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	25	7.62	16	40.64	761	25	7.62	10	25.40	801	37	11.28	23	58.42
722	13	3.96	10	25.40	762	55	16.76	21	53.34	802	25	7.62	18	45.72
723	18	5.49	10	25.40	763	56	17.07	20	50.80	803	20	6.10	12	30.48
724	17	5.18	12	30.48	764	52	15.85	20	50.80	804	50	15.24	26	66.04
725	18	5.49	13	33.02	765	22	6.71	10	25.40	805	45	13.72	22	55.88
726	14	4.27	10	25.40	766	50	15.24	19	48.26	806	48	14.63	25	63.50
727	53	16.15	23	58.42	767	52	15.85	21	53.34	807	50	15.24	32	81.28
728	25	7.62	18	45.72	768	57	17.37	21	53.34	808	52	15.85	27	68.58
729	35	10.67	19	48.26	769	46	14.02	23	58.42	809	25	7.62	16	40.64
730	50	15.24	18	45.72	770	45	13.72	1520	3860.80	810	55	16.76	38	96.52
731	52	15.85	12	30.48	771	46	14.02	19	48.26	811	32	9.75	22	55.88
732	65	19.81	32	81.28	772	45	13.72	17	43.18	812	50	15.24	26	66.04
733	60	18.29	15	38.10	773	42	12.80	16	40.64	813	30	9.14	20	50.80
734	35	10.67	18	45.72	774	35	10.67	15	38.10	814	30	9.14	18	45.72
735	60	18.29	28	71.12	775	40	12.19	22	55.88	815	50	15.24	25	63.50
736	55	16.76	20	50.80	776	60	18.29	10	25.40	816	45	13.72	22	55.88
737	55	16.76	23	58.42	777	26	7.92	14	35.56	817	16	4.88	10	25.40
738	50	15.24	18	45.72	778	32	9.75	23	58.42	818	62	18.90	26	66.04
739	55	16.76	23	58.42	779	65	19.81	32	81.28	819	48	14.63	22	55.88
740	15	4.57	10	25.40	780	25	7.62	20	50.80	820	60	18.29	36	91.44
741	25	7.62	11	27.94	781	20	6.10	12	30.48	821	60	18.29	45	114.30
742	30	9.14	14	35.56	782	60	18.29	30	76.20	822	40	12.19	24	60.96
743	60	18.29	25	63.50	783	50	15.24	25	63.50	823	50	15.24	35	88.90
744	56	17.07	21	53.34	784	32	9.75	14	35.56	824	32	9.75	22	55.88
745	50	15.24	26	66.04	785	20	6.10	15	38.10	825	52	15.85	27	68.58
746	67	20.42	27	68.58	786	25	7.62	23	58.42	826	21	6.40	15	38.10
747	62	18.90	22	55.88	787	55	16.76	14	35.56	827	19	5.79	12	30.48
748	60	18.29	20	50.80	788	50	15.24	23	58.42	828	16	4.88	11	27.94
749	45	13.72	28	71.12	789	50	15.24	13	33.02	829	20	6.10	10	25.40
750	35	10.67	14	35.56	14	50	15.24	10	25.40	830	47	14.33	17	43.18
751	25	7.62	14	35.56	791	55	16.76	12	30.48	831	25	7.62	12	30.48
752	50	15.24	21	53.34	792	50	15.24	24	60.96	832	32	9.75	18	45.72
753	60	18.29	27	68.58	793	52	15.85	18	45.72	833	22	6.71	12	30.48
754	45	13.72	15	38.10	794	20	6.10	12	30.48	834	26	7.92	10	25.40
755	40	12.19	18	45.72	795	22	6.71	15	38.10	835	30	9.14	11	27.94
756	28	8.53	12	30.48	796	50	15.24	37	93.98					
757	62	18.90	24	60.96	797	35	10.67	32	81.28	*Lannea coromandelica*/ (Geol/Doka)				
758	60	18.29	24	60.96	798	55	16.76	35	88.90	SL. NO	Height		Girth	
759	65	19.81	30	76.20	799	36	10.97	27	68.58		(ft)	(m)	(inch)	(cm)
760	48	14.63	14	35.56	800	30	9.14	22	55.88	1	10	3.05	10	25.40

MD BAZAR

Madhuca latifolia/ (Mahua)													
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48	41	20	6.10	10	25.40	81	26	7.92	11	27.94
2	20	6.10	12	30.48	42	20	6.10	13	33.02	82	25	7.62	15	38.10
3	15	4.57	17	43.18	43	15	4.57	11	27.94	83	16	4.88	14	35.56
4	16	4.88	15	38.10	44	20	6.10	15	38.10	84	35	10.67	18	45.72
5	15	4.57	12	30.48	45	20	6.10	11	27.94	85	32	9.75	14	35.56
6	15	4.57	12	30.48	46	25	7.62	18	45.72	86	22	6.71	11	27.94
7	15	4.57	10	25.40	47	35	10.67	18	45.72	87	18	5.49	11	27.94
8	20	6.10	18	45.72	48	20	6.10	11	27.94	88	62	18.90	29	73.66
9	60	18.29	27	68.58	49	25	7.62	22	55.88	89	35	10.67	14	35.56
10	20	6.10	16	40.64	50	26	7.92	19	48.26	90	21	6.40	24	60.96
11	15	4.57	12	30.48	51	15	4.57	11	27.94	91	22	6.71	11	27.94
12	25	7.62	20	50.80	52	15	4.57	10	25.40	92	16	4.88	10	25.40
13	15	4.57	10	25.40	53	16	4.88	10	25.40	93	12	3.66	11	27.94
14	25	7.62	17	43.18	54	14	4.27	10	25.40	94	22	6.71	13	33.02
15	20	6.10	17	43.18	55	15	4.57	12	30.48	95	25	7.62	15	38.10
16	20	6.10	17	43.18	56	25	7.62	20	50.80	96	20	6.10	10	25.40
17	35	10.67	27	68.58	57	20	6.10	11	27.94	97	15	4.57	11	27.94
18	20	6.10	15	38.10	58	22	6.71	15	38.10	98	20	6.10	17	43.18
19	20	6.10	10	25.40	59	26	7.92	21	53.34	99	22	6.71	11	27.94
20	25	7.62	20	50.80	60	14	4.27	20	50.80	100	41	12.50	30	76.20
21	20	6.10	12	30.48	61	22	6.71	15	38.10	101	25	7.62	11	27.94
22	30	9.14	25	63.50	62	35	10.67	21	53.34	102	35	10.67	31	78.74
23	20	6.10	12	30.48	63	25	7.62	18	45.72	103	15	4.57	10	25.40
24	15	4.57	10	25.40	64	26	7.92	22	55.88	104	16	4.88	14	35.56
25	20	6.10	15	38.10	65	25	7.62	19	48.26	105	25	7.62	12	30.48
26	25	7.62	25	63.50	66	27	8.23	22	55.88	106	15	4.57	10	25.40
27	15	4.57	10	25.40	67	25	7.62	22	55.88	107	26	7.92	10	25.40
28	40	12.19	15	38.10	68	15	4.57	15	38.10	108	20	6.10	20	50.80
29	15	4.57	10	25.40	69	15	4.57	11	27.94	109	14	4.27	10	25.40
30	25	7.62	20	50.80	70	12	3.66	11	27.94	110	15	4.57	10	25.40
31	20	6.10	12	30.48	71	20	6.10	10	25.40	111	20	6.10	11	27.94
32	15	4.57	10	25.40	72	12	3.66	10	25.40	112	20	6.10	13	33.02
33	25	7.62	15	38.10	73	20	6.10	15	38.10	113	31	9.45	15	38.10
34	15	4.57	10	25.40	74	27	8.23	16	40.64	114	25	7.62	11	27.94
35	20	6.10	18	45.72	75	25	7.62	26	66.04	115	26	7.92	12	30.48
36	15	4.57	10	25.40	76	16	4.88	10	25.40	116	25	7.62	15	38.10
37	25	7.62	15	38.10	77	15	4.57	10	25.40	117	24	7.32	11	27.94
38	25	7.62	17	43.18	78	12	3.66	10	25.40	118	40	12.19	18	45.72
39	25	7.62	17	43.18	79	15	4.57	12	30.48	119	25	7.62	11	27.94
40	18	5.49	13	33.02	80	15	4.57	10	25.40	120	15	4.57	10	25.40

MD BAZAR

Madhuca latifolia/ (Mahua)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
121	25	7.62	15	38.10
122	25	7.62	22	55.88
123	15	4.57	11	27.94
124	25	7.62	10	25.40
125	25	7.62	11	27.94
126	26	7.92	22	55.88
127	15	4.57	10	25.40
128	18	5.49	12	30.48
129	20	6.10	12	30.48
130	25	7.62	23	58.42
131	50	15.24	35	88.90
132	40	12.19	18	45.72
133	16	4.88	10	25.40
134	12	3.66	10	25.40
135	18	5.49	10	25.40
136	20	6.10	11	27.94
137	25	7.62	14	35.56
138	18	5.49	10	25.40
139	20	6.10	10	25.40
140	18	5.49	12	30.48
141	12	3.66	10	25.40
142	18	5.49	10	25.40
143	18	5.49	12	30.48
144	30	9.14	18	45.72
145	25	7.62	12	30.48
146	15	4.57	10	25.40

Terminalia bellirica / (Bohera)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	18	45.72
2	20	6.10	10	25.40

Pterocarpus marsupium/ (Piyasal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	30	76.20
2	60	18.29	29	73.66
3	65	19.81	40	101.60
4	60	18.29	42	106.68
5	70	21.34	42	106.68
6	60	18.29	37	93.98
7	25	7.62	14	35.56
8	15	4.57	10	25.40
9	62	18.90	32	81.28
10	62	18.90	29	73.66
11	15	4.57	10	25.40
12	63	19.20	20	50.80
13	26	7.92	15	38.10
14	55	16.76	32	81.28
15	25	7.62	21	53.34
16	50	15.24	21	53.34
17	60	18.29	26	66.04

Buchanania lanzan/ (Piyal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40
2	16	4.88	10	25.40
3	20	6.10	10	25.40
4	20	6.10	12	30.48
5	20	6.10	10	25.40
6	62	18.90	21	53.34
7	15	4.57	10	25.40
8	22	6.71	10	25.40
9	21	6.40	10	25.40
10	20	6.10	12	30.48
11	15	4.57	10	25.40

Bridelia retusa/ (Bhuans)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

Semecarpas anacardium/ (Vella)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	11	27.94

KANKSA

Kanksa SP 3

Shorea robusta / (Sal)

SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	13	33.02	51	20	6.10	10	25.40	101	38	11.58	20	50.80
2	20	6.10	10	25.40	52	20	6.10	10	25.40	102	25	7.62	12	30.48
3	20	6.10	11	27.94	53	25	7.62	11	27.94	103	40	12.19	19	48.26
4	25	7.62	13	33.02	54	15	4.57	10	25.40	104	25	7.62	13	33.02
5	25	7.62	10	25.40	55	55	16.76	26	66.04	105	35	10.67	22	55.88
6	25	7.62	10	25.40	56	20	6.10	12	30.48	106	18	5.49	12	30.48
7	20	6.10	10	25.40	57	15	4.57	10	25.40	107	15	4.57	10	25.40
8	30	9.14	12	30.48	58	45	13.72	26	66.04	108	20	6.10	10	25.40
9	20	6.10	11	27.94	59	30	9.14	12	30.48	109	30	9.14	14	35.56
10	20	6.10	10	25.40	60	25	7.62	11	27.94	110	32	9.75	21	53.34
11	25	7.62	13	33.02	61	20	6.10	10	25.40	111	18	5.49	11	27.94
12	20	6.10	10	25.40	62	18	5.49	11	27.94	112	50	15.24	27	68.58
13	20	6.10	11	27.94	63	15	4.57	10	25.40	113	25	7.62	11	27.94
14	23	7.01	50	127.00	64	20	6.10	10	25.40	114	30	9.14	16	40.64
15	20	6.10	10	25.40	65	25	7.62	12	30.48	115	50	15.24	21	53.34
16	15	4.57	10	25.40	66	35	10.67	11	27.94	116	40	12.19	25	63.50
17	15	4.57	10	25.40	67	15	4.57	11	27.94	117	24	7.32	12	30.48
18	20	6.10	11	27.94	68	15	4.57	10	25.40	118	25	7.62	11	27.94
19	15	4.57	10	25.40	69	20	6.10	11	27.94	119	20	6.10	10	25.40
20	20	6.10	12	30.48	70	35	10.67	14	35.56	120	21	6.40	10	25.40
21	15	4.57	11	27.94	71	30	9.14	13	33.02	121	55	16.76	25	63.50
22	20	6.10	12	30.48	72	25	7.62	12	30.48	122	50	15.24	20	50.80
23	25	7.62	12	30.48	73	20	6.10	11	27.94	123	15	4.57	10	25.40
24	20	6.10	10	25.40	74	25	7.62	11	27.94	124	22	6.71	15	38.10
25	25	7.62	11	27.94	75	20	6.10	10	25.40	125	15	4.57	10	25.40
26	20	6.10	10	25.40	76	25	7.62	21	53.34	126	18	5.49	12	30.48
27	30	9.14	18	45.72	77	40	12.19	20	50.80	127	15	4.57	10	25.40
28	25	7.62	19	48.26	78	20	6.10	10	25.40	128	28	8.53	19	48.26
29	25	7.62	14	35.56	79	22	6.71	10	25.40	129	25	7.62	16	40.64
30	20	6.10	12	30.48	80	30	9.14	12	30.48	130	40	12.19	27	68.58
31	25	7.62	11	27.94	81	25	7.62	10	25.40	131	22	6.71	10	25.40
32	20	6.10	10	25.40	82	40	12.19	20	50.80	132	15	4.57	11	27.94
33	20	6.10	10	25.40	83	50	15.24	26	66.04	133	23	7.01	14	35.56
34	20	6.10	11	27.94	84	20	6.10	11	27.94	134	25	7.62	12	30.48
35	30	9.14	18	45.72	85	52	15.85	23	58.42	135	35	10.67	13	33.02
36	30	9.14	19	48.26	86	20	6.10	11	27.94	136	20	6.10	11	27.94
37	35	10.67	20	50.80	87	25	7.62	11	27.94	137	20	6.10	13	33.02
38	30	9.14	17	43.18	88	20	6.10	10	25.40	138	20	6.10	10	25.40
39	20	6.10	10	25.40	89	40	12.19	22	55.88	139	19	5.79	11	27.94
40	22	6.71	11	27.94	90	25	7.62	12	30.48	140	27	8.23	12	30.48
41	25	7.62	11	27.94	91	20	6.10	15	38.10	141	20	6.10	12	30.48
42	50	15.24	25	63.50	92	25	7.62	15	38.10	142	20	6.10	10	25.40
43	25	7.62	11	27.94	93	20	6.10	15	38.10	143	15	4.57	10	25.40
44	20	6.10	15	38.10	94	20	6.10	11	27.94	144	15	4.57	10	25.40
45	20	6.10	10	25.40	95	15	4.57	10	25.40	145	20	6.10	12	30.48
46	20	6.10	15	38.10	96	20	6.10	10	25.40	146	50	15.24	28	71.12
47	15	4.57	10	25.40	97	15	4.57	10	25.40	147	20	6.10	15	38.10
48	15	4.57	12	30.48	98	20	6.10	15	38.10	148	25	7.62	16	40.64
49	20	6.10	12	30.48	99	15	4.57	10	25.40	149	20	6.10	10	25.40
50	40	12.19	25	63.50	100	20	6.10	10	25.40	150	20	6.10	15	38.10

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	20	6.10	10	25.40	201	22	6.71	14	35.56	251	20	6.10	10	25.40
152	35	10.67	15	38.10	202	30	9.14	13	33.02	252	20	6.10	10	25.40
153	28	8.53	15	38.10	203	18	5.49	12	30.48	253	25	7.62	12	30.48
154	25	7.62	12	30.48	204	25	7.62	22	55.88	254	30	9.14	12	30.48
155	30	9.14	15	38.10	205	20	6.10	11	27.94	255	20	6.10	10	25.40
156	25	7.62	12	30.48	206	20	6.10	12	30.48	256	20	6.10	11	27.94
157	28	8.53	12	30.48	207	20	6.10	10	25.40	257	25	7.62	10	25.40
158	26	7.92	13	33.02	208	25	7.62	13	33.02	258	20	6.10	10	25.40
159	50	15.24	23	58.42	209	35	10.67	12	30.48	259	20	6.10	10	25.40
160	20	6.10	12	30.48	210	20	6.10	10	25.40	260	50	15.24	22	55.88
161	22	6.71	11	27.94	211	25	7.62	10	25.40	261	25	7.62	15	38.10
162	18	5.49	13	33.02	212	25	7.62	10	25.40	262	20	6.10	13	33.02
163	22	6.71	12	30.48	213	30	9.14	20	50.80	263	16	4.88	10	25.40
164	20	6.10	12	30.48	214	30	9.14	10	25.40	264	20	6.10	10	25.40
165	25	7.62	12	30.48	215	25	7.62	11	27.94	265	20	6.10	15	38.10
166	30	9.14	12	30.48	216	25	7.62	11	27.94	266	15	4.57	10	25.40
167	20	6.10	12	30.48	217	30	9.14	11	27.94	267	20	6.10	10	25.40
168	19	5.79	10	25.40	218	30	9.14	12	30.48	268	20	6.10	10	25.40
169	15	4.57	19	48.26	219	25	7.62	11	27.94	269	15	4.57	10	25.40
170	28	8.53	11	27.94	220	30	9.14	14	35.56	270	20	6.10	10	25.40
171	30	9.14	14	35.56	221	20	6.10	10	25.40	271	15	4.57	10	25.40
172	25	7.62	10	25.40	222	25	7.62	11	27.94	272	20	6.10	12	30.48
173	25	7.62	12	30.48	223	20	6.10	12	30.48	273	20	6.10	11	27.94
174	18	5.49	11	27.94	224	20	6.10	10	25.40	274	20	6.10	15	38.10
175	30	9.14	13	33.02	225	25	7.62	10	25.40	275	30	9.14	12	30.48
176	30	9.14	11	27.94	226	30	9.14	12	30.48	276	25	7.62	12	30.48
177	20	6.10	12	30.48	227	25	7.62	10	25.40	277	20	6.10	10	25.40
178	18	5.49	10	25.40	228	35	10.67	24	60.96	278	15	4.57	10	25.40
179	30	9.14	10	25.40	229	25	7.62	11	27.94	279	20	6.10	10	25.40
180	22	6.71	12	30.48	230	25	7.62	10	25.40	280	15	4.57	10	25.40
181	45	13.72	18	45.72	231	20	6.10	10	25.40	281	45	13.72	30	76.20
182	25	7.62	14	35.56	232	20	6.10	12	30.48	282	20	6.10	12	30.48
183	30	9.14	12	30.48	233	20	6.10	10	25.40	283	30	9.14	20	50.80
184	35	10.67	13	33.02	234	25	7.62	11	27.94	284	50	15.24	32	81.28
185	24	7.32	12	30.48	235	20	6.10	10	25.40	285	25	7.62	10	25.40
186	25	7.62	13	33.02	236	30	9.14	12	30.48	286	25	7.62	10	25.40
187	30	9.14	21	53.34	237	20	6.10	10	25.40	287	20	6.10	10	25.40
188	23	7.01	12	30.48	238	20	6.10	12	30.48	288	25	7.62	10	25.40
189	26	7.92	12	30.48	239	20	6.10	10	25.40	289	15	4.57	10	25.40
190	15	4.57	11	27.94	240	25	7.62	11	27.94	290	25	7.62	11	27.94
191	50	15.24	19	48.26	241	20	6.10	10	25.40	291	25	7.62	15	38.10
192	15	4.57	10	25.40	242	20	6.10	15	38.10	292	15	4.57	10	25.40
193	20	6.10	10	25.40	243	20	6.10	10	25.40	293	25	7.62	15	38.10
194	40	12.19	25	63.50	244	15	4.57	10	25.40	294	20	6.10	10	25.40
195	55	16.76	30	76.20	245	20	6.10	15	38.10	295	20	6.10	12	30.48
196	20	6.10	10	25.40	246	15	4.57	12	30.48	296	20	6.10	10	25.40
197	25	7.62	15	38.10	247	15	4.57	10	25.40	297	15	4.57	10	25.40
198	20	6.10	12	30.48	248	25	7.62	11	27.94	298	25	7.62	10	25.40
199	20	6.10	15	38.10	249	50	15.24	30	76.20	299	20	6.10	11	27.94
200	20	6.10	10	25.40	250	25	7.62	11	27.94	300	20	6.10	12	30.48

KANKSA

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	20	6.10	10	25.40	351	15	4.57	10	25.40	401	30	9.14	10	25.40
302	30	9.14	12	30.48	352	20	6.10	11	27.94	402	15	4.57	10	25.40
303	20	6.10	10	25.40	353	12	3.66	10	25.40	403	30	9.14	25	63.50
304	15	4.57	10	25.40	354	25	7.62	12	30.48	404	25	7.62	10	25.40
305	15	4.57	10	25.40	355	20	6.10	12	30.48	405	15	4.57	10	25.40
306	55	16.76	30	76.20	356	15	4.57	10	25.40	406	20	6.10	10	25.40
307	20	6.10	12	30.48	357	20	6.10	10	25.40	407	20	6.10	10	25.40
308	55	16.76	28	71.12	358	15	4.57	11	27.94	408	30	9.14	25	63.50
309	20	6.10	12	30.48	359	25	7.62	15	38.10	409	20	6.10	12	30.48
310	20	6.10	12	30.48	360	15	4.57	10	25.40	410	25	7.62	12	30.48
311	20	6.10	12	30.48	361	15	4.57	10	25.40	411	20	6.10	12	30.48
312	20	6.10	10	25.40	362	30	9.14	12	30.48	412	15	4.57	10	25.40
313	15	4.57	10	25.40	363	15	4.57	12	30.48	413	15	4.57	10	25.40
314	25	7.62	12	30.48	364	55	16.76	25	63.50	414	30	9.14	25	63.50
315	15	4.57	10	25.40	365	25	7.62	12	30.48	415	25	7.62	11	27.94
316	25	7.62	11	27.94	366	15	4.57	10	25.40	416	30	9.14	20	50.80
317	15	4.57	10	25.40	367	20	6.10	11	27.94	417	15	4.57	10	25.40
318	20	6.10	10	25.40	368	25	7.62	12	30.48	418	15	4.57	10	25.40
319	15	4.57	10	25.40	369	30	9.14	12	30.48	419	15	4.57	10	25.40
320	20	6.10	10	25.40	370	15	4.57	20	50.80	420	20	6.10	12	30.48
321	25	7.62	12	30.48	371	20	6.10	10	25.40	421	15	4.57	10	25.40
322	20	6.10	10	25.40	372	20	6.10	10	25.40	422	30	9.14	12	30.48
323	15	4.57	10	25.40	373	20	6.10	30	76.20	423	15	4.57	10	25.40
324	30	9.14	15	38.10	374	50	15.24	12	30.48	424	20	6.10	12	30.48
325	25	7.62	10	25.40	375	30	9.14	25	63.50	425	15	4.57	10	25.40
326	25	7.62	12	30.48	376	15	4.57	17	43.18	426	15	4.57	10	25.40
327	25	7.62	13	33.02	377	30	9.14	10	25.40	427	15	4.57	10	25.40
328	15	4.57	10	25.40	378	35	10.67	12	30.48	428	30	9.14	15	38.10
329	20	6.10	10	25.40	379	15	4.57	30	76.20	429	15	4.57	10	25.40
330	30	9.14	12	30.48	380	15	4.57	10	25.40	430	15	4.57	10	25.40
331	25	7.62	12	30.48	381	13	3.96	10	25.40	431	20	6.10	10	25.40
332	30	9.14	15	38.10	382	15	4.57	10	25.40	432	15	4.57	10	25.40
333	50	15.24	26	66.04	383	20	6.10	17	43.18	433	20	6.10	10	25.40
334	20	6.10	10	25.40	384	30	9.14	25	63.50	434	20	6.10	12	30.48
335	25	7.62	14	35.56	385	25	7.62	12	30.48	435	15	4.57	10	25.40
336	20	6.10	12	30.48	386	15	4.57	10	25.40	436	15	4.57	10	25.40
337	20	6.10	12	30.48	387	15	4.57	12	30.48	437	20	6.10	10	25.40
338	25	7.62	12	30.48	388	20	6.10	10	25.40	438	55	16.76	28	71.12
339	20	6.10	12	30.48	389	15	4.57	10	25.40	439	15	4.57	10	25.40
340	25	7.62	14	35.56	390	30	9.14	16	40.64	440	25	7.62	13	33.02
341	20	6.10	12	30.48	391	20	6.10	12	30.48	441	50	15.24	21	53.34
342	15	4.57	10	25.40	392	20	6.10	15	38.10	442	20	6.10	15	38.10
343	20	6.10	10	25.40	393	30	9.14	11	27.94	443	30	9.14	14	35.56
344	20	6.10	10	25.40	394	40	12.19	25	63.50	444	20	6.10	15	38.10
345	15	4.57	10	25.40	395	15	4.57	10	25.40	445	25	7.62	11	27.94
346	15	4.57	10	25.40	396	20	6.10	15	38.10	446	20	6.10	15	38.10
347	15	4.57	10	25.40	397	15	4.57	10	25.40	447	25	7.62	12	30.48
348	15	4.57	10	25.40	398	50	15.24	30	76.20	448	20	6.10	11	27.94
349	20	6.10	12	30.48	399	50	15.24	20	50.80	449	15	4.57	10	25.40
350	15	4.57	10	25.40	400	40	12.19	20	50.80	450	25	7.62	11	27.94

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Shorea robusta / (Sal)										*Pterocarpus marsupium* / (Piyasal)				
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	20	6.10	12	30.48	501	25	7.62	12	30.48	1	30	9.14	18	45.72
452	15	4.57	12	30.48	502	15	4.57	10	25.40	2	25	7.62	10	25.40
453	30	9.14	12	30.48	503	20	6.10	10	25.40	3	40	12.19	33	83.82
454	25	7.62	15	38.10	504	15	4.57	10	25.40	4	50	15.24	26	66.04
455	20	6.10	12	30.48	505	15	4.57	10	25.40	5	50	15.24	13	33.02
456	15	4.57	10	25.40	506	20	6.10	11	27.94	6	45	13.72	25	63.50
457	15	4.57	10	25.40	507	25	7.62	15	38.10	7	25	7.62	14	35.56
458	35	10.67	25	63.50	508	15	4.57	10	25.40	8	21	6.40	10	25.40
459	15	4.57	10	25.40	509	15	4.57	11	27.94	9	30	9.14	16	40.64
460	20	6.10	11	27.94	510	25	7.62	12	30.48	10	50	15.24	22	55.88
461	20	6.10	10	25.40	511	30	9.14	13	33.02	11	25	7.62	10	25.40
462	20	6.10	12	30.48	512	50	15.24	35	88.90	12	30	9.14	15	38.10
463	30	9.14	20	50.80	513	20	6.10	10	25.40	13	40	12.19	26	66.04
464	30	9.14	20	50.80	514	15	4.57	10	25.40	14	30	9.14	16	40.64
465	25	7.62	13	33.02	515	25	7.62	12	30.48	15	30	9.14	19	48.26
466	20	6.10	10	25.40						16	15	4.57	10	25.40
467	25	7.62	12	30.48						17	30	9.14	20	50.80
468	20	6.10	12	30.48	*Diospyros excelsa* / (Kendu)					18	15	4.57	12	30.48
469	30	9.14	12	30.48	SL.NO.	Height		Girth		19	55	16.76	26	66.04
470	25	7.62	11	27.94		(ft)	(m)	(inch)	(cm)	20	25	7.62	16	40.64
471	30	9.14	20	50.80	1	15	4.57	10	25.40	21	30	9.14	15	38.10
472	15	4.57	10	25.40										
473	15	4.57	10	25.40										
474	15	4.57	10	25.40	*Lannea coromandelica* / (Geol/Doka)									
475	20	6.10	10	25.40	SL.NO.	Height		Girth						
476	15	4.57	10	25.40		(ft)	(m)	(inch)	(cm)					
477	55	16.76	23	58.42	1	12	3.66	10	25.40					
478	20	6.10	15	38.10										
479	20	6.10	10	25.40										
480	55	16.76	10	25.40	*Buchanania lanzan* / (Piyal)									
481	25	7.62	10	25.40	SL.NO.	Height		Girth						
482	50	15.24	30	76.20		(ft)	(m)	(inch)	(cm)					
483	50	15.24	30	76.20	1	20.0	6.1	12.0	30.5					
484	20	6.10	10	25.40	2	15.0	4.6	10.0	25.4					
485	20	6.10	12	30.48	3	15.0	4.6	10.0	25.4					
486	15	4.57	10	25.40	4	15.0	4.6	12.0	30.5					
487	50	15.24	25	63.50	5	12.0	3.7	10.0	25.4					
488	15	4.57	10	25.40	6	25.0	7.6	13.0	33.0					
489	15	4.57	10	25.40	7	20.0	6.1	11.0	27.9					
490	20	6.10	11	27.94										
491	20	6.10	10	25.40										
492	30	9.14	15	38.10										
493	20	6.10	10	25.40										
494	50	15.24	17	43.18										
495	20	6.10	10	25.40										
496	20	6.10	11	27.94										
497	15	4.57	10	25.40										
498	20	6.10	14	35.56										
499	50	15.24	30	76.20										
500	20	6.10	11	27.94										

Madhuca latifolia / (Mahua)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	38.10
2	25	7.62	19	48.26
3	20	6.10	16	40.64
4	30	9.14	19	48.26
5	20	6.10	18	45.72
6	25	7.62	14	35.56
7	20	6.10	10	25.40
8	32	9.75	13	33.02
9	36	10.97	19	48.26
10	32	9.75	21	53.34
11	30	9.14	20	50.80
12	30	9.14	15	38.10
13	30	9.14	15	38.10
14	35	10.67	20	50.80
15	45	13.72	21	53.34
16	35	10.67	22	55.88
17	35	10.67	22	55.88
18	25	7.62	12	30.48
19	15	4.57	10	25.40
20	25	7.62	21	53.34
21	25	7.62	15	38.10
22	25	7.62	15	38.10
23	20	6.10	15	38.10
24	25	7.62	17	43.18
25	20	6.10	11	27.94
26	30	9.14	20	50.80
27	20	6.10	12	30.48
28	15	4.57	10	25.40
29	25	7.62	15	38.10
30	35	10.67	30	76.20
31	15	4.57	10	25.40
32	30	9.14	25	63.50
33	30	9.14	16	40.64
34	20	6.10	15	38.10
35	15	4.57	10	25.40
36	20	6.10	10	25.40
37	40	12.19	30	76.20
38	30	9.14	16	40.64
39	20	6.10	15	38.10
40	15	4.57	10	25.40
41	30	9.14	20	50.80
42	30	9.14	17	43.18
43	30	9.14	18	45.72
44	30	9.14	20	50.80
45	45	13.72	30	76.20
46	20	6.10	15	38.10
47	30	9.14	14	35.56
48	35	10.67	30	76.20
49	20	6.10	15	38.10

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Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48	51	20	6.10	10	25.40	101	15	4.57	10	25.40
2	30	9.14	16	40.64	52	17	5.18	11	27.94	102	28	8.53	12	30.48
3	18	5.49	10	25.40	53	25	7.62	14	35.56	103	25	7.62	11	27.94
4	40	12.19	20	50.80	54	20	6.10	12	30.48	104	25	7.62	13	33.02
5	50	15.24	28	71.12	55	20	6.10	11	27.94	105	25	7.62	10	25.40
6	15	4.57	10	25.40	56	25	7.62	20	50.80	106	20	6.10	13	33.02
7	20	6.10	20	50.80	57	20	6.10	10	25.40	107	25	7.62	11	27.94
8	22	6.71	14	35.56	58	20	6.10	10	25.40	108	20	6.10	15	38.10
9	25	7.62	12	30.48	59	18	5.49	10	25.40	109	27	8.23	12	30.48
10	25	7.62	12	30.48	60	25	7.62	10	25.40	110	25	7.62	12	30.48
11	30	9.14	14	35.56	61	19	5.79	10	25.40	111	25	7.62	12	30.48
12	20	6.10	10	25.40	62	22	6.71	10	25.40	112	20	6.10	10	25.40
13	58	17.68	23	58.42	63	21	6.40	10	25.40	113	27	8.23	12	30.48
14	25	7.62	10	25.40	64	25	7.62	14	35.56	114	20	6.10	10	25.40
15	35	10.67	15	38.10	65	20	6.10	16	40.64	115	20	6.10	10	25.40
16	20	6.10	12	30.48	66	20	6.10	12	30.48	116	20	6.10	11	27.94
17	20	6.10	11	27.94	67	15	4.57	10	25.40	117	25	7.62	13	33.02
18	20	6.10	10	25.40	68	21	6.40	12	30.48	118	25	7.62	11	27.94
19	25	7.62	11	27.94	69	25	7.62	10	25.40	119	20	6.10	10	25.40
20	20	6.10	12	30.48	70	20	6.10	10	25.40	120	15	4.57	10	25.40
21	45	13.72	24	60.96	71	22	6.71	11	27.94	121	30	9.14	16	40.64
22	36	10.97	20	50.80	72	20	6.10	11	27.94	122	15	4.57	10	25.40
23	45	13.72	22	55.88	73	45	13.72	21	53.34	123	25	7.62	10	25.40
24	20	6.10	10	25.40	74	25	7.62	11	27.94	124	25	7.62	10	25.40
25	22	6.71	10	25.40	75	25	7.62	10	25.40	125	30	9.14	11	27.94
26	17	5.18	10	25.40	76	20	6.10	10	25.40	126	15	4.57	10	25.40
27	26	7.92	14	35.56	77	19	5.79	11	27.94	127	25	7.62	12	30.48
28	12	3.66	10	25.40	78	25	7.62	13	33.02	128	25	7.62	10	25.40
29	28	8.53	11	27.94	79	28	8.53	13	33.02	129	42	12.80	21	53.34
30	30	9.14	11	27.94	80	25	7.62	14	35.56	130	28	8.53	12	30.48
31	22	6.71	10	25.40	81	20	6.10	12	30.48	131	50	15.24	23	58.42
32	18	5.49	11	27.94	82	40	12.19	22	55.88	132	30	9.14	15	38.10
33	25	7.62	13	33.02	83	26	7.92	11	27.94	133	20	6.10	10	25.40
34	24	7.32	12	30.48	84	35	10.67	17	43.18	134	28	8.53	15	38.10
35	42	12.80	19	48.26	85	18	5.49	11	27.94	135	20	6.10	11	27.94
36	17	5.18	10	25.40	86	20	6.10	11	27.94	136	45	13.72	25	63.50
37	30	9.14	13	33.02	87	35	10.67	14	35.56	137	20	6.10	10	25.40
38	27	8.23	13	33.02	88	14	4.27	10	25.40	138	25	7.62	15	38.10
39	25	7.62	10	25.40	89	20	6.10	10	25.40	139	15	4.57	10	25.40
40	25	7.62	12	30.48	90	25	7.62	10	25.40	140	18	5.49	11	27.94
41	20	6.10	10	25.40	91	25	7.62	13	33.02	141	15	4.57	10	25.40
42	50	15.24	25	63.50	92	20	6.10	13	33.02	142	17	5.18	10	25.40
43	20	6.10	11	27.94	93	25	7.62	12	30.48	143	25	7.62	14	35.56
44	30	9.14	11	27.94	94	17	5.18	10	25.40	144	25	7.62	12	30.48
45	30	9.14	11	27.94	95	15	4.57	10	25.40	145	17	5.18	10	25.40
46	30	9.14	13	33.02	96	25	7.62	12	30.48	146	25	7.62	13	33.02
47	30	9.14	14	35.56	97	16	4.88	11	27.94	147	22	6.71	10	25.40
48	30	9.14	11	27.94	98	20	6.10	10	25.40	148	28	8.53	14	35.56
49	30	9.14	12	30.48	99	35	10.67	15	38.10	149	25	7.62	10	25.40
50	30	9.14	13	33.02	100	20	6.10	12	30.48	150	25	7.62	14	35.56

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Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	15	4.57	10	25.40	201	15	4.57	11	27.94	251	30	9.14	13	33.02
152	15	4.57	10	25.40	202	55	16.76	21	53.34	252	25	7.62	12	30.48
153	25	7.62	13	33.02	203	25	7.62	11	27.94	253	30	9.14	14	35.56
154	45	13.72	25	63.50	204	42	12.80	22	55.88	254	25	7.62	10	25.40
155	20	6.10	10	25.40	205	22	6.71	12	30.48	255	20	6.10	10	25.40
156	15	4.57	11	27.94	206	32	9.75	19	48.26	256	30	9.14	11	27.94
157	15	4.57	10	25.40	207	25	7.62	11	27.94	257	30	9.14	15	38.10
158	25	7.62	13	33.02	208	20	6.10	11	27.94	258	25	7.62	11	27.94
159	40	12.19	18	45.72	209	25	7.62	13	33.02	259	40	12.19	18	45.72
160	15	4.57	10	25.40	210	45	13.72	18	45.72	260	35	10.67	13	33.02
161	20	6.10	10	25.40	211	25	7.62	17	43.18	261	35	10.67	18	45.72
162	35	10.67	19	48.26	212	22	6.71	12	30.48	262	15	4.57	10	25.40
163	20	6.10	12	30.48	213	25	7.62	11	27.94	263	25	7.62	14	35.56
164	20	6.10	17	43.18	214	20	6.10	11	27.94	264	20	6.10	12	30.48
165	25	7.62	10	25.40	215	24	7.32	13	33.02	265	42	12.80	18	45.72
166	26	7.92	12	30.48	216	17	5.18	10	25.40	266	30	9.14	12	30.48
167	15	4.57	10	25.40	217	20	6.10	10	25.40	267	28	8.53	12	30.48
168	35	10.67	19	48.26	218	27	8.23	12	30.48	268	20	6.10	12	30.48
169	34	10.36	12	30.48	219	44	13.41	22	55.88	269	35	10.67	17	43.18
170	45	13.72	19	48.26	220	15	4.57	10	25.40	270	45	13.72	19	48.26
171	19	5.79	16	40.64	221	35	10.67	11	27.94	271	35	10.67	18	45.72
172	30	9.14	14	35.56	222	20	6.10	10	25.40	272	14	4.27	10	25.40
173	15	4.57	10	25.40	223	25	7.62	12	30.48	273	30	9.14	20	50.80
174	30	9.14	16	40.64	224	25	7.62	11	27.94	274	23	7.01	13	33.02
175	16	4.88	10	25.40	225	23	7.01	10	25.40	275	15	4.57	10	25.40
176	55	16.76	18	45.72	226	30	9.14	13	33.02	276	20	6.10	10	25.40
177	25	7.62	16	40.64	227	18	5.49	10	25.40	277	45	13.72	21	53.34
178	35	10.67	16	40.64	228	15	4.57	10	25.40	278	40	12.19	20	50.80
179	25	7.62	10	25.40	229	30	9.14	11	27.94	279	40	12.19	19	48.26
180	25	7.62	10	25.40	230	20	6.10	12	30.48	280	20	6.10	10	25.40
181	27	8.23	11	27.94	231	30	9.14	12	30.48	281	25	7.62	11	27.94
182	27	8.23	11	27.94	232	50	15.24	24	60.96	282	20	6.10	17	43.18
183	30	9.14	13	33.02	233	55	16.76	23	58.42	283	20	6.10	1	2.54
184	40	12.19	18	45.72	234	50	15.24	23	58.42	284	18	5.49	10	25.40
185	25	7.62	12	30.48	235	55	16.76	21	53.34	285	20	6.10	10	25.40
186	18	5.49	12	30.48	236	25	7.62	12	30.48	286	15	4.57	10	25.40
187	16	4.88	12	30.48	237	35	10.67	18	45.72	287	35	10.67	17	43.18
188	22	6.71	10	25.40	238	25	7.62	10	25.40	288	30	9.14	14	35.56
189	20	6.10	10	25.40	239	18	5.49	10	25.40	289	25	7.62	11	27.94
190	35	10.67	19	48.26	240	30	9.14	11	27.94	290	25	7.62	13	33.02
191	25	7.62	11	27.94	241	22	6.71	10	25.40	291	35	10.67	21	53.34
192	15	4.57	10	25.40	242	18	5.49	12	30.48	292	15	4.57	11	27.94
193	20	6.10	12	30.48	243	19	5.79	13	33.02	293	18	5.49	11	27.94
194	18	5.49	13	33.02	244	25	7.62	11	27.94	294	28	8.53	19	48.26
195	16	4.88	15	38.10	245	26	7.92	12	30.48	295	22	6.71	13	33.02
196	26	7.92	13	33.02	246	28	8.53	12	30.48	296	15	4.57	10	25.40
197	20	6.10	13	33.02	247	18	5.49	10	25.40	297	25	7.62	15	38.10
198	35	10.67	16	40.64	248	20	6.10	10	25.40	298	20	6.10	10	25.40
199	40	12.19	21	53.34	249	20	6.10	14	35.56	299	25	7.62	11	27.94
200	30	9.14	12	30.48	250	30	9.14	11	27.94	300	20	6.10	12	30.48

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	17	5.18	12	30.48	351	18	5.49	10	25.40	401	50	15.24	28	71.12
302	25	7.62	11	27.94	352	28	8.53	14	35.56	402	20	6.10	12	30.48
303	20	6.10	10	25.40	353	20	6.10	11	27.94	403	22	6.71	10	25.40
304	42	12.80	20	50.80	354	30	9.14	13	33.02	404	35	10.67	21	53.34
305	25	7.62	14	35.56	355	30	9.14	12	30.48	405	23	7.01	12	30.48
306	40	12.19	19	48.26	356	15	4.57	10	25.40	406	25	7.62	11	27.94
307	25	7.62	20	50.80	357	23	7.01	10	25.40	407	20	6.10	10	25.40
308	35	10.67	15	38.10	358	28	8.53	23	58.42	408	45	13.72	21	53.34
309	41	12.50	19	48.26	359	25	7.62	12	30.48	409	25	7.62	12	30.48
310	25	7.62	12	30.48	360	30	9.14	10	25.40	410	30	9.14	12	30.48
311	47	14.33	21	53.34	361	20	6.10	16	40.64	411	27	8.23	11	27.94
312	30	9.14	13	33.02	362	20	6.10	12	30.48	412	20	6.10	11	27.94
313	20	6.10	12	30.48	363	15	4.57	10	25.40	413	54	16.46	23	58.42
314	63	19.20	27	68.58	364	25	7.62	11	27.94	414	15	4.57	11	27.94
315	20	6.10	10	25.40	365	20	6.10	10	25.40	415	45	13.72	22	55.88
316	20	6.10	10	25.40	366	25	7.62	13	33.02	416	40	12.19	25	63.50
317	18	5.49	11	27.94	367	18	5.49	10	25.40	417	20	6.10	10	25.40
318	20	6.10	12	30.48	368	25	7.62	12	30.48	418	20	6.10	9	22.86
319	38	11.58	16	40.64	369	17	5.18	10	25.40	419	22	6.71	11	27.94
320	30	9.14	13	33.02	370	15	4.57	10	25.40	420	24	7.32	10	25.40
321	15	4.57	12	30.48	371	55	16.76	22	55.88	421	25	7.62	10	25.40
322	26	7.92	12	30.48	372	30	9.14	21	53.34	422	28	8.53	14	35.56
323	50	15.24	23	58.42	373	45	13.72	26	66.04	423	20	6.10	11	27.94
324	25	7.62	13	33.02	374	20	6.10	12	30.48	424	26	7.92	10	25.40
325	40	12.19	25	63.50	375	45	13.72	22	55.88	425	15	4.57	10	25.40
326	38	11.58	14	35.56	376	40	12.19	22	55.88	426	28	8.53	12	30.48
327	25	7.62	13	33.02	377	48	14.63	21	53.34	427	22	6.71	11	27.94
328	20	6.10	10	25.40	378	20	6.10	11	27.94	428	22	6.71	10	25.40
329	15	4.57	10	25.40	379	25	7.62	11	27.94	429	55	16.76	23	58.42
330	25	7.62	11	27.94	380	24	7.32	11	27.94	430	34	10.36	20	50.80
331	30	9.14	16	40.64	381	28	8.53	13	33.02	431	35	10.67	23	58.42
332	50	15.24	24	60.96	382	60	18.29	25	63.50	432	28	8.53	11	27.94
333	30	9.14	12	30.48	383	27	8.23	14	35.56	433	20	6.10	11	27.94
334	25	7.62	12	30.48	384	15	4.57	10	25.40	434	20	6.10	10	25.40
335	28	8.53	13	33.02	385	27	8.23	12	30.48	435	40	12.19	22	55.88
336	25	7.62	11	27.94	386	25	7.62	10	25.40	436	40	12.19	19	48.26
337	30	9.14	14	35.56	387	32	9.75	15	38.10	437	20	6.10	10	25.40
338	52	15.85	23	58.42	388	24	7.32	12	30.48	438	23	7.01	12	30.48
339	20	6.10	10	25.40	389	15	4.57	10	25.40	439	20	6.10	10	25.40
340	15	4.57	10	25.40	390	25	7.62	12	30.48	440	42	12.80	19	48.26
341	25	7.62	11	27.94	391	15	4.57	11	27.94	441	40	12.19	18	45.72
342	20	6.10	12	30.48	392	30	9.14	13	33.02	442	25	7.62	12	30.48
343	30	9.14	12	30.48	393	25	7.62	12	30.48	443	25	7.62	10	25.40
344	40	12.19	16	40.64	394	23	7.01	12	30.48	444	20	6.10	10	25.40
345	25	7.62	12	30.48	395	20	6.10	10	25.40	445	30	9.14	10	25.40
346	25	7.62	13	33.02	396	23	7.01	11	27.94	446	27	8.23	13	33.02
347	20	6.10	10	25.40	397	15	4.57	11	27.94	447	30	9.14	20	50.80
348	42	12.80	21	53.34	398	30	9.14	13	33.02	448	45	13.72	25	63.50
349	20	6.10	11	27.94	399	25	7.62	13	33.02	449	15	4.57	10	25.40
350	18	5.49	11	27.94	400	40	12.19	25	63.50	450	16	4.88	10	25.40

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	20	6.10	10	25.40	501	25	7.62	12	30.48	551	27	8.23	12	30.48
452	20	6.10	12	30.48	502	55	16.76	18	45.72	552	30	9.14	17	43.18
453	25	7.62	14	35.56	503	28	8.53	11	27.94	553	20	6.10	10	25.40
454	55	16.76	22	55.88	504	25	7.62	10	25.40	554	22	6.71	11	27.94
455	28	8.53	13	33.02	505	25	7.62	11	27.94	555	30	9.14	12	30.48
456	26	7.92	13	33.02	506	20	6.10	10	25.40	556	30	9.14	15	38.10
457	15	4.57	10	25.40	507	22	6.71	10	25.40	557	35	10.67	16	40.64
458	30	9.14	14	35.56	508	25	7.62	12	30.48	558	25	7.62	12	30.48
459	18	5.49	11	27.94	509	15	4.57	10	25.40	559	28	8.53	14	35.56
460	25	7.62	14	35.56	510	42	12.80	19	48.26	560	22	6.71	12	30.48
461	20	6.10	10	25.40	511	15	4.57	10	25.40	561	20	6.10	10	25.40
462	54	16.46	23	58.42	512	35	10.67	14	35.56	562	17	5.18	11	27.94
463	20	6.10	10	25.40	513	25	7.62	14	35.56	563	26	7.92	13	33.02
464	25	7.62	16	40.64	514	30	9.14	13	33.02	564	25	7.62	11	27.94
465	20	6.10	10	25.40	515	20	6.10	10	25.40	565	48	14.63	26	66.04
466	35	10.67	18	45.72	516	25	7.62	11	27.94	566	30	9.14	15	38.10
467	20	6.10	10	25.40	517	20	6.10	10	25.40	567	20	6.10	11	27.94
468	23	7.01	12	30.48	518	25	7.62	11	27.94	568	20	6.10	18	45.72
469	30	9.14	13	33.02	519	20	6.10	12	30.48	569	19	5.79	10	25.40
470	24	7.32	13	33.02	520	50	15.24	26	66.04	570	25	7.62	10	25.40
471	30	9.14	13	33.02	521	15	4.57	10	25.40	571	20	6.10	11	27.94
472	40	12.19	16	40.64	522	17	5.18	10	25.40	572	42	12.80	20	50.80
473	28	8.53	12	30.48	523	18	5.49	12	30.48	573	30	9.14	13	33.02
474	25	7.62	12	30.48	524	15	4.57	10	25.40	574	20	6.10	11	27.94
475	28	8.53	17	43.18	525	17	5.18	10	25.40	575	19	5.79	10	25.40
476	15	4.57	10	25.40	526	20	6.10	11	27.94	576	25	7.62	13	33.02
477	18	5.49	10	25.40	527	20	6.10	13	33.02	577	30	9.14	12	30.48
478	20	6.10	10	25.40	528	25	7.62	15	38.10	578	20	6.10	12	30.48
479	20	6.10	18	45.72	529	25	7.62	12	30.48	579	30	9.14	15	38.10
480	17	5.18	11	27.94	530	20	6.10	11	27.94	580	32	9.75	15	38.10
481	25	7.62	18	45.72	531	20	6.10	11	27.94	581	20	6.10	11	27.94
482	25	7.62	10	25.40	532	15	4.57	10	25.40	582	25	7.62	14	35.56
483	20	6.10	10	25.40	533	52	15.85	25	63.50	583	20	6.10	11	27.94
484	20	6.10	10	25.40	534	20	6.10	10	25.40	584	27	8.23	13	33.02
485	15	4.57	10	25.40	535	30	9.14	19	48.26	585	25	7.62	12	30.48
486	24	7.32	10	25.40	536	20	6.10	12	30.48	586	22	6.71	11	27.94
487	25	7.62	19	48.26	537	15	4.57	14	35.56	587	20	6.10	10	25.40
488	24	7.32	10	25.40	538	30	9.14	11	27.94	588	25	7.62	10	25.40
489	25	7.62	11	27.94	539	25	7.62	12	30.48	589	18	5.49	14	35.56
490	50	15.24	27	68.58	540	20	6.10	10	25.40	590	20	6.10	10	25.40
491	28	8.53	15	38.10	541	15	4.57	12	30.48	591	20	6.10	10	25.40
492	25	7.62	11	27.94	542	34	10.36	17	43.18	592	20	6.10	11	27.94
493	40	12.19	22	55.88	543	17	5.18	10	25.40	593	18	5.49	12	30.48
494	20	6.10	12	30.48	544	25	7.62	17	43.18	594	19	5.79	10	25.40
495	35	10.67	18	45.72	545	30	9.14	11	27.94	595	25	7.62	15	38.10
496	25	7.62	12	30.48	546	22	6.71	10	25.40	596	20	6.10	11	27.94
497	35	10.67	18	45.72	547	23	7.01	11	27.94	597	24	7.32	13	33.02
498	18	5.49	12	30.48	548	30	9.14	12	30.48	598	22	6.71	10	25.40
499	35	10.67	17	43.18	549	25	7.62	17	43.18	599	20	6.10	15	38.10
500	20	6.10	10	25.40	550	20	6.10	14	35.56	600	22	6.71	11	27.94

KANKSA

Shorea robusta / (Sal)										*Madhuca latifolia* / (Mahua)				
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	30	9.14	15	38.10	651	24	7.32	12	30.48	1	26	7.92	17	43.18
602	15	4.57	11	27.94	652	25	7.62	10	25.40	2	25	7.62	15	38.10
603	22	6.71	13	33.02	653	30	9.14	18	45.72	3	40	12.19	22	55.88
604	24	7.32	12	30.48	654	25	7.62	15	38.10	4	30	9.14	17	43.18
605	22	6.71	13	33.02	655	20	6.10	11	27.94	5	15	4.57	9	22.86
606	25	7.62	13	33.02	656	40	12.19	16	40.64	6	20	6.10	11	27.94
607	28	8.53	16	40.64	657	50	15.24	22	55.88	7	18	5.49	10	25.40
608	34	10.36	15	38.10	658	25	7.62	11	27.94	8	20	6.10	14	35.56
609	45	13.72	19	48.26	659	25	7.62	13	33.02	9	23	7.01	10	25.40
610	22	6.71	10	25.40	660	25	7.62	11	27.94	10	28	8.53	15	38.10
611	25	7.62	11	27.94	661	20	6.10	11	27.94	11	18	5.49	10	25.40
612	30	9.14	11	27.94	662	25	7.62	12	30.48	12	25	7.62	17	43.18
613	25	7.62	10	25.40	663	40	12.19	16	40.64	13	20	6.10	11	27.94
614	35	10.67	18	45.72	664	20	6.10	10	25.40	14	17	5.18	10	25.40
615	25	7.62	11	27.94	665	22	6.71	12	30.48	15	15	4.57	10	25.40
616	28	8.53	15	38.10	666	22	6.71	11	27.94	16	18	5.49	10	25.40
617	30	9.14	13	33.02	667	23	7.01	11	27.94	17	28	8.53	12	30.48
618	26	7.92	12	30.48	668	24	7.32	12	30.48	18	20	6.10	11	27.94
619	20	6.10	12	30.48	669	28	8.53	17	43.18	19	17	5.18	12	30.48
620	20	6.10	10	25.40	670	14	4.27	10	25.40	20	28	8.53	15	38.10
621	25	7.62	12	30.48	671	30	9.14	11	27.94	21	30	9.14	14	35.56
622	25	7.62	11	27.94	672	30	9.14	16	40.64	22	27	8.23	15	38.10
623	30	9.14	12	30.48	673	28	8.53	13	33.02	23	27	8.23	12	30.48
624	52	15.85	24	60.96	674	15	4.57	10	25.40	24	34	10.36	16	40.64
625	25	7.62	17	43.18	675	30	9.14	13	33.02	25	20	6.10	15	38.10
626	20	6.10	13	33.02	676	20	6.10	10	25.40	26	30	9.14	17	43.18
627	30	9.14	14	35.56	677	25	7.62	13	33.02	27	30	9.14	15	38.10
628	30	9.14	10	25.40	678	15	4.57	10	25.40	28	23	7.01	15	38.10
629	25	7.62	10	25.40	679	25	7.62	12	30.48	29	15	4.57	10	25.40
630	30	9.14	12	30.48	680	26	7.92	13	33.02	30	32	9.75	19	48.26
631	25	7.62	13	33.02	681	20	6.10	11	27.94	31	25	7.62	13	33.02
632	26	7.92	12	30.48	682	18	5.49	11	27.94	32	24	7.32	12	30.48
633	25	7.62	11	27.94	683	25	7.62	10	25.40	33	23	7.01	14	35.56
634	30	9.14	13	33.02	684	26	7.92	12	30.48	34	27	8.23	15	38.10
635	30	9.14	12	30.48	685	30	9.14	12	30.48	35	25	7.62	12	30.48
636	25	7.62	11	27.94	686	25	7.62	12	30.48	36	28	8.53	13	33.02
637	30	9.14	10	25.40	687	20	6.10	10	25.40	37	40	12.19	18	45.72
638	15	4.57	10	25.40	688	22	6.71	12	30.48	38	27	8.23	12	30.48
639	40	12.19	16	40.64	689	30	9.14	13	33.02	39	22	6.71	14	35.56
640	20	6.10	15	38.10	690	25	7.62	10	25.40	40	20	6.10	14	35.56
641	25	7.62	12	30.48						41	15	4.57	11	27.94
642	30	9.14	13	33.02						42	25	7.62	13	33.02
643	25	7.62	11	27.94	*Terminalia arjuna*/ (Arjun)					43	17	5.18	11	27.94
644	20	6.10	12	30.48	SL.NO.	Height		Girth		44	25	7.62	14	35.56
645	25	7.62	10	25.40		(ft)	(m)	(inch)	(cm)	45	18	5.49	12	30.48
646	26	7.92	13	33.02	1	12	3.66	10	25.40	46	30	9.14	16	40.64
647	25	7.62	12	30.48	2	15	4.57	10	25.40	47	20	6.10	11	27.94
648	26	7.92	16	40.64						48	14	4.27	9	22.86
649	18	5.49	11	27.94						49	18	5.49	10	25.40
650	25	7.62	10	25.40						50	18	5.49	10	25.40

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Lannea coromandelica / (Geol/Doka)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	18	5.49	11	27.94
3	16	4.88	10	25.40
4	12	3.66	10	25.40
5	12	3.66	6	15.24

Buchanania lanzan / (Piyal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	12	30.48
2	25	7.62	14	35.56
3	15	4.57	10	25.40
4	30	9.14	12	30.48
5	20	6.10	13	33.02
6	25	7.62	13	33.02
7	30	9.14	15	38.10
8	30	9.14	11	27.94
9	30	9.14	10	25.40
10	30	9.14	10	25.40

Pterocarpus marsupium / (Piyasal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	10	3.05	14	35.56
3	40	12.19	18	45.72
4	62	18.90	35	88.90
5	25	7.62	11	27.94
6	41	12.50	23	58.42
7	55	16.76	23	58.42
8	50	15.24	33	83.82
9	42	12.80	25	63.50
10	55	16.76	30	76.20
11	36	10.97	17	43.18
12	30	9.14	11	27.94
13	18	5.49	11	27.94
14	15	4.57	10	25.40
15	55	16.76	33	83.82
16	52	15.85	23	58.42
17	20	6.10	12	30.48
18	19	5.79	11	27.94
19	40	12.19	17	43.18
20	22	6.71	13	33.02
21	35	10.67	15	38.10
22	25	7.62	12	30.48
23	30	9.14	13	33.02
24	35	10.67	21	53.34
25	35	10.67	14	35.56
26	45	13.72	25	63.50
27	20	6.10	14	35.56
28	35	10.67	18	45.72
29	30	9.14	17	43.18
30	30	9.14	15	38.10
31	34	10.36	21	53.34
32	35	10.67	17	43.18
33	55	16.76	26	66.04
34	30	9.14	16	40.64

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Kanksa SP 6

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	24	60.96	41	46	14.02	25	63.50	81	12	3.66	8	20.32
2	15	4.57	10	25.40	42	30	9.14	13	33.02	82	20	6.10	11	27.94
3	20	6.10	14	35.56	43	12	3.66	8	20.32	83	20	6.10	9	22.86
4	20	6.10	13	33.02	44	20	6.10	13	33.02	84	20	6.10	9	22.86
5	30	9.14	25	63.50	45	30	9.14	11	27.94	85	15	4.57	8	20.32
6	18	5.49	12	30.48	46	15	4.57	10	25.40	86	10	3.05	17	43.18
7	28	8.53	13	33.02	47	17	5.18	11	27.94	87	42	12.80	25	63.50
8	23	7.01	14	35.56	48	18	5.49	11	27.94	88	15	4.57	9	22.86
9	29	8.84	15	38.10	49	17	5.18	8	20.32	89	17	5.18	9	22.86
10	25	7.62	11	27.94	50	29	8.84	14	35.56	90	22	6.71	13	33.02
11	29	8.84	11	27.94	51	25	7.62	10	25.40	91	20	6.10	10	25.40
12	20	6.10	10	25.40	52	26	7.92	10	25.40	92	20	6.10	11	27.94
13	25	7.62	16	40.64	53	19	5.79	8	20.32	93	12	3.66	9	22.86
14	26	7.92	17	43.18	54	20	6.10	12	30.48	94	15	4.57	9	22.86
15	15	4.57	9	22.86	55	17	5.18	8	20.32	95	25	7.62	11	27.94
16	20	6.10	12	30.48	56	16	4.88	8	20.32	96	26	7.92	13	33.02
17	27	8.23	12	30.48	57	15	4.57	10	25.40	97	15	4.57	8	20.32
18	14	4.27	9	22.86	58	17	5.18	10	25.40	98	26	7.92	13	33.02
19	31	9.45	20	50.80	59	18	5.49	9	22.86	99	15	4.57	7	17.78
20	19	5.79	13	33.02	60	21	6.40	8	20.32	100	20	6.10	11	27.94
21	17	5.18	9	22.86	61	21	6.40	8	20.32	101	20	6.10	9	22.86
22	34	10.36	25	63.50	62	15	4.57	8	20.32	102	12	3.66	8	20.32
23	20	6.10	10	25.40	63	12	3.66	8	20.32	103	40	12.19	17	43.18
24	36	10.97	2	5.08	64	32	9.75	24	60.96	104	15	4.57	7	17.78
25	15	4.57	10	25.40	65	18	5.49	11	27.94	105	15	4.57	11	27.94
26	32	9.75	24	60.96	66	19	5.79	12	30.48	106	20	6.10	13	33.02
27	15	4.57	8	20.32	67	13	3.96	14	35.56	107	17	5.18	9	22.86
28	15	4.57	9	22.86	68	35	10.67	26	66.04	108	10	3.05	8	20.32
29	14	4.27	8	20.32	69	23	7.01	13	33.02	109	20	6.10	9	22.86
30	35	10.67	17	43.18	70	16	4.88	9	22.86	110	25	7.62	13	33.02
31	30	9.14	11	27.94	71	25	7.62	12	30.48	111	23	7.01	13	33.02
32	25	7.62	9	22.86	72	15	4.57	10	25.40	112	20	6.10	9	22.86
33	26	7.92	12	30.48	73	25	7.62	12	30.48	113	23	7.01	9	22.86
34	20	6.10	9	22.86	74	20	6.10	11	27.94	114	26	7.92	17	43.18
35	21	6.40	15	38.10	75	13	3.96	8	20.32	115	15	4.57	11	27.94
36	23	7.01	9	22.86	76	15	4.57	9	22.86	116	15	4.57	10	25.40
37	27	8.23	16	40.64	77	25	7.62	10	25.40	117	15	4.57	9	22.86
38	30	9.14	12	30.48	78	22	6.71	9	22.86	118	22	6.71	10	25.40
39	20	6.10	10	25.40	79	11	3.35	8	20.32	119	20	6.10	11	27.94
40	25	7.62	10	25.40	80	21	6.40	10	25.40	120	25	7.62	11	27.94

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Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	15	4.57	9	22.86	161	20	6.10	9	22.86	201	20	6.10	11	27.94
122	25	7.62	11	27.94	162	15	4.57	9	22.86	202	15	4.57	7	17.78
123	15	4.57	8	20.32	163	25	7.62	13	33.02	203	25	7.62	9	22.86
124	30	9.14	13	33.02	164	25	7.62	10	25.40	204	10	3.05	7	17.78
125	25	7.62	11	27.94	165	25	7.62	13	33.02	205	15	4.57	8	20.32
126	25	7.62	14	35.56	166	40	12.19	18	45.72	206	20	6.10	10	25.40
127	15	4.57	7	17.78	167	15	4.57	12	30.48	207	25	7.62	11	27.94
128	30	9.14	10	25.40	168	12	3.66	8	20.32	208	12	3.66	10	25.40
129	20	6.10	10	25.40	169	10	3.05	9	22.86	209	15	4.57	7	17.78
130	25	7.62	11	27.94	170	25	7.62	13	33.02	210	20	6.10	8	20.32
131	40	12.19	21	53.34	171	20	6.10	12	30.48	211	15	4.57	7	17.78
132	20	6.10	10	25.40	172	15	4.57	10	25.40	212	15	4.57	8	20.32
133	15	4.57	7	17.78	173	15	4.57	17	43.18	213	20	6.10	9	22.86
134	15	4.57	7	17.78	174	30	9.14	16	40.64	214	15	4.57	8	20.32
135	20	6.10	10	25.40	175	15	4.57	9	22.86	215	20	6.10	10	25.40
136	25	7.62	8	20.32	176	20	6.10	11	27.94	216	22	6.71	10	25.40
137	25	7.62	11	27.94	177	25	7.62	10	25.40	217	45	13.72	21	53.34
138	25	7.62	12	30.48	178	30	9.14	11	27.94	218	20	6.10	8	20.32
139	20	6.10	12	30.48	179	15	4.57	9	22.86	219	15	4.57	8	20.32
140	20	6.10	11	27.94	180	25	7.62	13	33.02	220	20	6.10	12	30.48
141	30	9.14	12	30.48	181	20	6.10	12	30.48	221	20	6.10	8	20.32
142	30	9.14	15	38.10	182	15	4.57	10	25.40	222	15	4.57	8	20.32
143	25	7.62	11	27.94	183	42	12.80	20	50.80	223	40	12.19	20	50.80
144	20	6.10	10	25.40	184	25	7.62	11	27.94	224	15	4.57	7	17.78
145	20	6.10	10	25.40	185	20	6.10	10	25.40	225	20	6.10	10	25.40
146	20	6.10	13	33.02	186	15	4.57	10	25.40	226	30	9.14	11	27.94
147	25	7.62	13	33.02	187	15	4.57	10	25.40	227	35	10.67	18	45.72
148	25	7.62	13	33.02	188	40	12.19	21	53.34	228	25	7.62	10	25.40
149	15	4.57	10	25.40	189	15	4.57	9	22.86	229	15	4.57	8	20.32
150	15	4.57	9	22.86	190	15	4.57	11	27.94	230	20	6.10	11	27.94
151	25	7.62	13	33.02	191	20	6.10	9	22.86	231	20	6.10	9	22.86
152	15	4.57	11	27.94	192	15	4.57	9	22.86	232	25	7.62	9	22.86
153	10	3.05	7	17.78	193	20	6.10	11	27.94	233	15	4.57	9	22.86
154	20	6.10	9	22.86	194	15	4.57	9	22.86	234	15	4.57	10	25.40
155	10	3.05	7	17.78	195	25	7.62	11	27.94	235	20	6.10	9	22.86
156	30	9.14	14	35.56	196	25	7.62	10	25.40	236	15	4.57	11	27.94
157	15	4.57	9	22.86	197	15	4.57	10	25.40	237	15	4.57	10	25.40
158	15	4.57	11	27.94	198	20	6.10	11	27.94	238	20	6.10	10	25.40
159	20	6.10	10	25.40	199	40	12.19	24	60.96	239	12	3.66	9	22.86
160	20	6.10	11	27.94	200	20	6.10	10	25.40	240	22	6.71	6	15.24

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Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	25	7.62	11	27.94	281	50	15.24	21	53.34	321	50	15.24	25	63.50
242	25	7.62	10	25.40	282	25	7.62	10	25.40	322	15	4.57	9	22.86
243	20	6.10	18	45.72	283	20	6.10	9	22.86	323	20	6.10	12	30.48
244	35	10.67	13	33.02	284	40	12.19	19	48.26	324	26	7.92	13	33.02
245	45	13.72	18	45.72	285	20	6.10	10	25.40	325	20	6.10	9	22.86
246	50	15.24	24	60.96	286	25	7.62	13	33.02	326	25	7.62	11	27.94
247	20	6.10	12	30.48	287	25	7.62	11	27.94	327	30	9.14	14	35.56
248	12	3.66	8	20.32	288	40	12.19	18	45.72	328	12	3.66	7	17.78
249	15	4.57	7	17.78	289	15	4.57	9	22.86	329	30	9.14	13	33.02
250	20	6.10	10	25.40	290	15	4.57	9	22.86	330	27	8.23	10	25.40
251	20	6.10	8	20.32	291	12	3.66	8	20.32	331	16	4.88	8	20.32
252	25	7.62	13	33.02	292	20	6.10	9	22.86	332	15	4.57	8	20.32
253	25	7.62	10	25.40	293	15	4.57	9	22.86	333	33	10.06	23	58.42
254	22	6.71	13	33.02	294	22	6.71	8	20.32	334	20	6.10	9	22.86
255	20	6.10	11	27.94	295	25	7.62	10	25.40	335	25	7.62	11	27.94
256	15	4.57	8	20.32	296	35	10.67	19	48.26	336	25	7.62	10	25.40
257	25	7.62	10	25.40	297	15	4.57	8	20.32	337	26	7.92	11	27.94
258	30	9.14	12	30.48	298	20	6.10	14	35.56	338	25	7.62	10	25.40
259	20	6.10	10	25.40	299	12	3.66	8	20.32	339	27	8.23	14	35.56
260	15	4.57	9	22.86	300	15	4.57	6	15.24	340	26	7.92	12	30.48
261	50	15.24	24	60.96	301	16	4.88	8	20.32	341	25	7.62	11	27.94
262	20	6.10	9	22.86	302	25	7.62	12	30.48	342	20	6.10	10	25.40
263	15	4.57	10	25.40	303	56	17.07	26	66.04	343	26	7.92	10	25.40
264	18	5.49	9	22.86	304	25	7.62	9	22.86	344	36	10.97	14	35.56
265	15	4.57	8	20.32	305	12	3.66	10	25.40	345	40	12.19	21	53.34
266	16	4.88	8	20.32	306	20	6.10	9	22.86	346	15	4.57	9	22.86
267	20	6.10	9	22.86	307	20	6.10	9	22.86	347	15	4.57	18	45.72
268	20	6.10	8	20.32	308	25	7.62	10	25.40	348	21	6.40	9	22.86
269	15	4.57	8	20.32	309	20	6.10	9	22.86	349	16	4.88	7	17.78
270	20	6.10	10	25.40	310	36	10.97	20	50.80	350	20	6.10	9	22.86
271	25	7.62	11	27.94	311	16	4.88	9	22.86	351	15	4.57	8	20.32
272	25	7.62	11	27.94	312	21	6.40	8	20.32	352	20	6.10	9	22.86
273	20	6.10	10	25.40	313	15	4.57	8	20.32	353	35	10.67	11	27.94
274	15	4.57	8	20.32	314	20	6.10	8	20.32	354	15	4.57	8	20.32
275	25	7.62	14	35.56	315	52	15.85	22	55.88	355	19	5.79	14	35.56
276	15	4.57	8	20.32	316	15	4.57	10	25.40	356	20	6.10	9	22.86
277	50	15.24	23	58.42	317	25	7.62	12	30.48	357	26	7.92	12	30.48
278	20	6.10	11	27.94	318	20	6.10	9	22.86	358	15	4.57	8	20.32
279	22	6.71	11	27.94	319	15	4.57	8	20.32	359	15	4.57	9	22.86
280	25	7.62	9	22.86	320	20	6.10	9	22.86	360	27	8.23	13	33.02

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	20	6.10	11	27.94	401	25	7.62	13	33.02	441	45	13.72	30	76.20
362	12	3.66	8	20.32	402	20	6.10	11	27.94	442	20	6.10	10	25.40
363	27	8.23	11	27.94	403	30	9.14	11	27.94	443	50	15.24	25	63.50
364	25	7.62	11	27.94	404	15	4.57	8	20.32	444	20	6.10	12	30.48
365	31	9.45	13	33.02	405	25	7.62	13	33.02	445	20	6.10	10	25.40
366	18	5.49	9	22.86	406	25	7.62	8	20.32	446	25	7.62	10	25.40
367	25	7.62	11	27.94	407	15	4.57	10	25.40	447	20	6.10	10	25.40
368	25	7.62	11	27.94	408	20	6.10	11	27.94	448	15	4.57	6	15.24
369	35	10.67	14	35.56	409	15	4.57	8	20.32	449	30	9.14	15	38.10
370	25	7.62	9	22.86	410	20	6.10	9	22.86	450	20	6.10	7	17.78
371	30	9.14	13	33.02	411	20	6.10	10	25.40	451	30	9.14	12	30.48
372	26	7.92	11	27.94	412	30	9.14	12	30.48	452	25	7.62	10	25.40
373	36	10.97	12	30.48	413	15	4.57	10	25.40	453	20	6.10	9	22.86
374	20	6.10	7	17.78	414	20	6.10	11	27.94	454	18	5.49	9	22.86
375	25	7.62	11	27.94	415	25	7.62	12	30.48	455	30	9.14	12	30.48
376	26	7.92	13	33.02	416	25	7.62	10	25.40	456	15	4.57	9	22.86
377	20	6.10	10	25.40	417	35	10.67	13	33.02	457	25	7.62	12	30.48
378	26	7.92	9	22.86	418	25	7.62	13	33.02	458	30	9.14	11	27.94
379	35	10.67	10	25.40	419	30	9.14	10	25.40	459	20	6.10	9	22.86
380	20	6.10	9	22.86	420	25	7.62	12	30.48	460	25	7.62	11	27.94
381	20	6.10	9	22.86	421	20	6.10	9	22.86	461	25	7.62	11	27.94
382	30	9.14	15	38.10	422	15	4.57	9	22.86	462	30	9.14	11	27.94
383	20	6.10	10	25.40	423	15	4.57	8	20.32	463	35	10.67	13	33.02
384	35	10.67	15	38.10	424	25	7.62	15	38.10	464	35	10.67	13	33.02
385	20	6.10	9	22.86	425	40	12.19	22	55.88	465	40	12.19	14	35.56
386	25	7.62	9	22.86	426	30	9.14	11	27.94	466	15	4.57	8	20.32
387	20	6.10	9	22.86	427	25	7.62	13	33.02	467	20	6.10	8	20.32
388	15	4.57	8	20.32	428	25	7.62	13	33.02	468	25	7.62	14	35.56
389	25	7.62	11	27.94	429	30	9.14	14	35.56	469	25	7.62	11	27.94
390	26	7.92	10	25.40	430	25	7.62	10	25.40	470	30	9.14	12	30.48
391	25	7.62	10	25.40	431	20	6.10	10	25.40	471	30	9.14	12	30.48
392	56	17.07	21	53.34	432	15	4.57	8	20.32	472	25	7.62	11	27.94
393	20	6.10	12	30.48	433	30	9.14	13	33.02	473	35	10.67	16	40.64
394	16	4.88	8	20.32	434	30	9.14	14	35.56	474	15	4.57	10	25.40
395	25	7.62	10	25.40	435	30	9.14	11	27.94	475	25	7.62	11	27.94
396	30	9.14	11	27.94	436	25	7.62	10	25.40	476	40	12.19	14	35.56
397	20	6.10	13	33.02	437	15	4.57	9	22.86	477	25	7.62	11	27.94
398	20	6.10	8	20.32	438	30	9.14	15	38.10	478	35	10.67	13	33.02
399	25	7.62	10	25.40	439	10	3.05	8	20.32	479	20	6.10	8	20.32
400	25	7.62	9	22.86	440	25	7.62	8	20.32	480	35	10.67	15	38.10

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	25	7.62	11	27.94	521	18	5.49	9	22.86	561	32	9.75	12	30.48
482	25	7.62	12	30.48	522	15	4.57	8	20.32	562	15	4.57	9	22.86
483	12	3.66	9	22.86	523	20	6.10	9	22.86	563	15	4.57	11	27.94
484	25	7.62	10	25.40	524	25	7.62	10	25.40	564	17	5.18	10	25.40
485	25	7.62	11	27.94	525	20	6.10	10	25.40	565	50	15.24	22	55.88
486	25	7.62	9	22.86	526	30	9.14	12	30.48	566	16	4.88	8	20.32
487	25	7.62	12	30.48	527	20	6.10	9	22.86	567	25	7.62	11	27.94
488	20	6.10	12	30.48	528	15	4.57	8	20.32	568	20	6.10	9	22.86
489	25	7.62	15	38.10	529	20	6.10	9	22.86	569	20	6.10	10	25.40
490	20	6.10	9	22.86	530	21	6.40	9	22.86	570	26	7.92	12	30.48
491	11	3.35	9	22.86	531	25	7.62	11	27.94	571	25	7.62	13	33.02
492	35	10.67	14	35.56	532	30	9.14	14	35.56	572	30	9.14	13	33.02
493	25	7.62	11	27.94	533	31	9.45	10	25.40	573	35	10.67	11	27.94
494	12	3.66	10	25.40	534	30	9.14	13	33.02	574	15	4.57	8	20.32
495	12	3.66	9	22.86	535	15	4.57	10	25.40	575	25	7.62	11	27.94
496	20	6.10	12	30.48	536	30	9.14	15	38.10	576	25	7.62	10	25.40
497	25	7.62	10	25.40	537	30	9.14	14	35.56	577	26	7.92	10	25.40
498	30	9.14	10	25.40	538	42	12.80	23	58.42	578	25	7.62	11	27.94
499	25	7.62	10	25.40	539	15	4.57	8	20.32	579	20	6.10	13	33.02
500	30	9.14	15	38.10	540	20	6.10	10	25.40	580	35	10.67	15	38.10
501	20	6.10	9	22.86	541	30	9.14	14	35.56	581	20	6.10	10	25.40
502	12	3.66	7	17.78	542	30	9.14	11	27.94	582	25	7.62	11	27.94
503	45	13.72	25	63.50	543	20	6.10	11	27.94	583	10	3.05	10	25.40
504	15	4.57	9	22.86	544	16	4.88	14	35.56	584	24	7.32	10	25.40
505	30	9.14	11	27.94	545	20	6.10	9	22.86	585	30	9.14	12	30.48
506	25	7.62	10	25.40	546	25	7.62	10	25.40	586	20	6.10	15	38.10
507	30	9.14	13	33.02	547	26	7.92	13	33.02	587	20	6.10	9	22.86
508	25	7.62	10	25.40	548	30	9.14	16	40.64	588	20	6.10	11	27.94
509	25	7.62	14	35.56	549	32	9.75	12	30.48	589	25	7.62	12	30.48
510	20	6.10	10	25.40	550	20	6.10	10	25.40	590	15	4.57	9	22.86
511	25	7.62	14	35.56	551	35	10.67	19	48.26	591	15	4.57	7	17.78
512	20	6.10	9	22.86	552	15	4.57	9	22.86	592	26	7.92	12	30.48
513	20	6.10	8	20.32	553	17	5.18	9	22.86	593	30	9.14	12	30.48
514	35	10.67	23	58.42	554	15	4.57	8	20.32	594	30	9.14	20	50.80
515	30	9.14	12	30.48	555	25	7.62	12	30.48	595	40	12.19	14	35.56
516	25	7.62	9	22.86	556	15	4.57	7	17.78	596	42	12.80	13	33.02
517	25	7.62	9	22.86	557	30	9.14	14	35.56	597	25	7.62	11	27.94
518	20	6.10	11	27.94	558	20	6.10	10	25.40	598	20	6.10	9	22.86
519	20	6.10	10	25.40	559	20	6.10	11	27.94	599	25	7.62	11	27.94
520	20	6.10	9	22.86	560	25	7.62	10	25.40	600	25	7.62	12	30.48

KANKSA

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	25	7.62	9	22.86	641	35	10.67	13	33.02	681	20	6.10	10	25.40
602	20	6.10	8	20.32	642	25	7.62	11	27.94	682	20	6.10	13	33.02
603	20	6.10	9	22.86	643	18	5.49	12	30.48	683	30	9.14	11	27.94
604	25	7.62	13	33.02	644	20	6.10	8	20.32	684	15	4.57	7	17.78
605	20	6.10	11	27.94	645	35	10.67	12	30.48	685	20	6.10	9	22.86
606	30	9.14	12	30.48	646	15	4.57	8	20.32	686	25	7.62	9	22.86
607	15	4.57	9	22.86	647	20	6.10	11	27.94	687	25	7.62	10	25.40
608	35	10.67	11	27.94	648	25	7.62	12	30.48	688	30	9.14	15	38.10
609	12	3.66	8	20.32	649	20	6.10	10	25.40	689	20	6.10	10	25.40
610	50	15.24	21	53.34	650	18	5.49	11	27.94	690	20	6.10	10	25.40
611	30	9.14	10	25.40	651	28	8.53	11	27.94	691	15	4.57	10	25.40
612	25	7.62	11	27.94	652	18	5.49	10	25.40	692	20	6.10	10	25.40
613	30	9.14	11	27.94	653	35	10.67	14	35.56	693	20	6.10	11	27.94
614	30	9.14	12	30.48	654	36	10.97	10	25.40	694	26	7.92	11	27.94
615	20	6.10	10	25.40	655	25	7.62	11	27.94	695	20	6.10	8	20.32
616	35	10.67	12	30.48	656	25	7.62	10	25.40	696	15	4.57	9	22.86
617	15	4.57	9	22.86	657	35	10.67	12	30.48	697	20	6.10	10	25.40
618	20	6.10	10	25.40	658	25	7.62	12	30.48	698	25	7.62	13	33.02
619	30	9.14	23	58.42	659	20	6.10	10	25.40	699	30	9.14	13	33.02
620	35	10.67	12	30.48	660	20	6.10	10	25.40	700	30	9.14	15	38.10
621	25	7.62	10	25.40	661	30	9.14	12	30.48	701	60	18.29	24	60.96
622	20	6.10	16	40.64	662	20	6.10	11	27.94	702	12	3.66	8	20.32
623	20	6.10	10	25.40	663	21	6.40	9	22.86	703	15	4.57	11	27.94
624	20	6.10	11	27.94	664	25	7.62	13	33.02	704	30	9.14	12	30.48
625	20	6.10	9	22.86	665	15	4.57	12	30.48	705	16	4.88	9	22.86
626	30	9.14	14	35.56	666	22	6.71	13	33.02	706	25	7.62	12	30.48
627	25	7.62	10	25.40	667	25	7.62	11	27.94	707	35	10.67	12	30.48
628	20	6.10	9	22.86	668	15	4.57	6	15.24	708	15	4.57	9	22.86
629	20	6.10	12	30.48	669	15	4.57	8	20.32	709	58	17.68	25	63.50
630	25	7.62	11	27.94	670	16	4.88	11	27.94	710	20	6.10	9	22.86
631	15	4.57	8	20.32	671	19	5.79	12	30.48	711	20	6.10	10	25.40
632	25	7.62	11	27.94	672	30	9.14	13	33.02	712	25	7.62	9	22.86
633	15	4.57	9	22.86	673	25	7.62	10	25.40	713	15	4.57	8	20.32
634	35	10.67	13	33.02	674	15	4.57	9	22.86	714	25	7.62	12	30.48
635	40	12.19	25	63.50	675	25	7.62	12	30.48	715	18	5.49	11	27.94
636	25	7.62	12	30.48	676	20	6.10	9	22.86	716	20	6.10	12	30.48
637	20	6.10	10	25.40	677	30	9.14	12	30.48	717	18	5.49	9	22.86
638	15	4.57	8	20.32	678	30	9.14	12	30.48	718	25	7.62	11	27.94
639	30	9.14	11	27.94	679	25	7.62	10	25.40	719	30	9.14	10	25.40
640	40	12.19	25	63.50	680	25	7.62	11	27.94	720	20	6.10	9	22.86

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Shorea robusta / (Sal)					*Madhuca latifolia* / (Mahua)									
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	30	9.14	12	30.48	1	28	8.53	18	45.72	41	25	7.62	12	30.48
722	55	16.76	23	58.42	2	25	7.62	14	35.56	42	28	8.53	19	48.26
723	23	7.01	11	27.94	3	13	3.96	12	30.48	43	25	7.62	14	35.56
724	25	7.62	10	25.40	4	30	9.14	18	45.72	44	20	6.10	9	22.86
725	20	6.10	8	20.32	5	20	6.10	14	35.56	45	20	6.10	9	22.86
726	40	12.19	19	48.26	6	20	6.10	11	27.94	46	15	4.57	9	22.86
727	25	7.62	13	33.02	7	20	6.10	13	33.02	47	25	7.62	14	35.56
728	20	6.10	11	27.94	8	23	7.01	16	40.64	48	15	4.57	9	22.86
729	15	4.57	15	38.10	9	20	6.10	15	38.10	49	15	4.57	20	50.80
730	58	17.68	24	60.96	10	40	12.19	16	40.64	50	26	7.92	23	58.42
731	25	7.62	12	30.48	11	15	4.57	10	25.40	51	27	8.23	13	33.02
					12	25	7.62	18	45.72	52	26	7.92	15	38.10
					13	15	4.57	10	25.40	53	15	4.57	20	50.80
					14	25	7.62	20	50.80	54	35	10.67	16	40.64
Diospyros excelsa / (Kendu)					15	15	4.57	11	27.94	55	35	10.67	17	43.18
SL.NO.	Height		Girth		16	20	6.10	11	27.94	56	28	8.53	20	50.80
	(ft)	(m)	(inch)	(cm)	17	40	12.19	22	55.88	57	20	6.10	14	35.56
1	10	3.05	6	15.24	18	20	6.10	18	45.72	58	22	6.71	18	45.72
					19	25	7.62	21	53.34	59	12	3.66	8	20.32
					20	25	7.62	16	40.64	60	15	4.57	12	30.48
					21	25	7.62	13	33.02	61	12	3.66	11	27.94
Semecarpas anacardium / (Vella)					22	12	3.66	10	25.40	62	10	3.05	11	27.94
SL.NO.	Height		Girth		23	12	3.66	14	35.56	63	25	7.62	19	48.26
	(ft)	(m)	(inch)	(cm)	24	15	4.57	14	35.56	64	16	4.88	11	27.94
1	12	3.66	6	15.24	25	20	6.10	11	27.94	65	42	12.80	22	55.88
2	10	3.05	8	20.32	26	15	4.57	9	22.86	66	31	9.45	16	40.64
					27	46	14.02	24	60.96	67	40	12.19	23	58.42
					28	15	4.57	7	17.78	68	12	3.66	9	22.86
Terminalia bellirica/ (Bohera)					29	25	7.62	13	33.02	69	20	6.10	15	38.10
SL.NO.	Height		Girth		30	20	6.10	18	45.72	70	12	3.66	12	30.48
	(ft)	(m)	(inch)	(cm)	31	15	4.57	7	17.78	71	18	5.49	15	38.10
1	20	6.10	12	30.48	32	12	3.66	9	22.86	72	30	9.14	13	33.02
					33	35	10.67	16	40.64	73	18	5.49	11	27.94
					34	12	3.66	18	45.72	74	25	7.62	19	48.26
Aegle mermalos / (Bel)					35	10	3.05	12	30.48	75	15	4.57	14	35.56
SL.NO.	Height		Girth		36	15	4.57	10	25.40	76	30	9.14	11	27.94
	(ft)	(m)	(inch)	(cm)	37	12	3.66	10	25.40	77	40	12.19	19	48.26
1	20	6.10	10	25.40	38	30	9.14	19	48.26					
					39	20	6.10	16	40.64					
					40	15	4.57	11	27.94					

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Buchanania lanzan / (Piyal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	12	30.48
2	15	4.57	12	30.48
3	36	10.97	21	53.34
4	13	3.96	8	20.32
5	30	9.14	14	35.56
6	15	4.57	10	25.40
7	10	3.05	6	15.24
8	12	3.66	10	25.40
9	30	9.14	12	30.48
10	32	9.75	15	38.10
11	16	4.88	7	17.78
12	12	3.66	9	22.86
13	13	3.96	7	17.78
14	22	6.71	13	33.02
15	26	7.92	14	35.56
16	12	3.66	7	17.78
17	20	6.10	8	20.32
18	25	7.62	7	17.78
19	25	7.62	11	27.94
20	20	6.10	11	27.94
21	20	6.10	10	25.40
22	30	9.14	13	33.02
23	35	10.67	18	45.72
24	17	5.18	11	27.94
25	15	4.57	11	27.94
26	40	12.19	19	48.26
27	30	9.14	11	27.94
28	15	4.57	10	25.40
29	20	6.10	8	20.32
30	15	4.57	7	17.78
31	16	4.88	9	22.86
32	30	9.14	18	45.72
33	15	4.57	10	25.40
34	30	9.14	16	40.64
35	15	4.57	10	25.40

Pterocarpus marsupium / (Piyasal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	10	25.40
2	40	12.19	23	58.42
3	15	4.57	12	30.48
4	45	13.72	21	53.34
5	45	13.72	20	50.80
6	40	12.19	16	40.64
7	30	9.14	15	38.10
8	30	9.14	13	33.02
9	20	6.10	10	25.40
10	50	15.24	27	68.58
11	20	6.10	21	53.34
12	20	6.10	10	25.40
13	30	9.14	19	48.26
14	20	6.10	9	22.86
15	20	6.10	14	35.56
16	20	6.10	16	40.64
17	15	4.57	10	25.40
18	30	9.14	11	27.94
19	20	6.10	13	33.02
20	25	7.62	18	45.72
21	52	15.85	27	68.58
22	12	3.66	14	35.56
23	20	6.10	14	35.56
24	25	7.62	20	50.80
25	55	16.76	30	76.20
26	20	6.10	13	33.02
27	21	6.40	14	35.56
28	25	7.62	11	27.94
29	15	4.57	11	27.94
30	25	7.62	14	35.56
31	35	10.67	20	50.80
32	12	3.66	10	25.40
33	35	10.67	20	50.80
34	18	5.49	8	20.32
35	40	12.19	19	48.26
36	35	10.67	20	50.80
37	20	6.10	19	48.26
38	23	7.01	19	48.26
39	24	7.32	11	27.94
40	21	6.40	11	27.94

Lannea coromandelica / (Geol/Doka)			
SL.NO.	Height		Girth
	(ft)	(m)	(inch)
1	12	3.66	15
2	10	3.05	9
3	10	3.05	9
4	12	3.66	7
5	10	3.05	7
6	12	3.66	9

Terminalia tomentosa / (Ason)			
SL.NO.	Height		Girth
	(ft)	(m)	(inch)
1	12	3.66	9

Cassia fistula/ (Bandorlathi/Sonalu)			
	Height		Girth
SL.NO.	(ft)	(m)	(inch)
1	33	10.06	20
2	25	7.62	22
3	36	10.97	18
4	12	3.66	13

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Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	34	10.36	22	55.88	31	25	7.62	9	22.86	61	12	3.66	7	17.78
2	25	7.62	11	27.94	32	20	6.10	8	20.32	62	25	7.62	9	22.86
3	30	9.14	10	25.40	33	15	4.57	10	25.40	63	18	5.49	7	17.78
4	50	15.24	28	71.12	34	16	4.88	9	22.86	64	30	9.14	11	27.94
5	40	12.19	23	58.42	35	12	3.66	8	20.32	65	25	7.62	10	25.40
6	30	9.14	14	35.56	36	30	9.14	12	30.48	66	32	9.75	17	43.18
7	35	10.67	11	27.94	37	23	7.01	10	25.40	67	35	10.67	12	30.48
8	30	9.14	10	25.40	38	20	6.10	12	30.48	68	38	11.58	15	38.10
9	32	9.75	12	30.48	39	15	4.57	8	20.32	69	32	9.75	14	35.56
10	30	9.14	11	27.94	40	25	7.62	11	27.94	70	25	7.62	16	40.64
11	25	7.62	11	27.94	41	25	7.62	10	25.40	71	40	12.19	22	55.88
12	36	10.97	18	45.72	42	20	6.10	8	20.32	72	35	10.67	18	45.72
13	28	8.53	11	27.94	43	40	12.19	18	45.72	73	25	7.62	10	25.40
14	25	7.62	11	27.94	44	32	9.75	14	35.56	74	30	9.14	13	33.02
15	23	7.01	9	22.86	45	23	7.01	9	22.86	75	20	6.10	7	17.78
16	60	18.29	28	71.12	46	15	4.57	8	20.32	76	25	7.62	10	25.40
17	60	18.29	26	66.04	47	15	4.57	8	20.32	77	60	18.29	32	81.28
18	20	6.10	10	25.40	48	18	5.49	8	20.32	78	20	6.10	8	20.32
19	28	8.53	11	27.94	49	14	4.27	8	20.32	79	25	7.62	12	30.48
20	30	9.14	9	22.86	50	15	4.57	8	20.32	80	25	7.62	10	25.40
21	60	18.29	28	71.12	51	30	9.14	12	30.48	81	30	9.14	12	30.48
22	15	4.57	9	22.86	52	25	7.62	10	25.40	82	30	9.14	14	35.56
23	25	7.62	12	30.48	53	20	6.10	8	20.32	83	35	10.67	10	25.40
24	20	6.10	7	17.78	54	32	9.75	16	40.64	84	25	7.62	11	27.94
25	23	7.01	8	20.32	55	18	5.49	8	20.32	85	30	9.14	12	30.48
26	50	15.24	22	55.88	56	30	9.14	12	30.48	86	30	9.14	9	22.86
27	20	6.10	8	20.32	57	40	12.19	22	55.88	87	25	7.62	11	27.94
28	35	10.67	14	35.56	58	20	6.10	10	25.40	88	25	7.62	9	22.86
29	25	7.62	13	33.02	59	15	4.57	6	15.24	89	22	6.71	13	33.02
30	22	6.71	8	20.32	60	14	4.27	9	22.86	90	25	7.62	8	20.32

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
91	30	9.14	11	27.94	121	18	5.49	9	22.86	151	28	8.53	10	25.40
92	20	6.10	10	25.40	122	25	7.62	11	27.94	152	25	7.62	14	35.56
93	40	12.19	25	63.50	123	30	9.14	11	27.94	153	30	9.14	12	30.48
94	30	9.14	12	30.48	124	36	10.97	19	48.26	154	18	5.49	11	27.94
95	25	7.62	15	38.10	125	20	6.10	8	20.32	155	20	6.10	9	22.86
96	35	10.67	10	25.40	126	20	6.10	7	17.78	156	45	13.72	25	63.50
97	48	14.63	24	60.96	127	35	10.67	13	33.02	157	20	6.10	9	22.86
98	35	10.67	16	40.64	128	28	8.53	15	38.10	158	18	5.49	9	22.86
99	28	8.53	11	27.94	129	25	7.62	16	40.64	159	25	7.62	13	33.02
100	35	10.67	12	30.48	130	20	6.10	7	17.78	160	25	7.62	11	27.94
101	25	7.62	10	25.40	131	22	6.71	9	22.86	161	20	6.10	8	20.32
102	20	6.10	9	22.86	132	50	15.24	26	66.04	162	26	7.92	10	25.40
103	20	6.10	10	25.40	133	34	10.36	12	30.48	163	30	9.14	19	48.26
104	30	9.14	13	33.02	134	20	6.10	7	17.78	164	35	10.67	19	48.26
105	35	10.67	13	33.02	135	25	7.62	10	25.40	165	28	8.53	12	30.48
106	30	9.14	16	40.64	136	24	7.32	12	30.48	166	25	7.62	19	48.26
107	15	4.57	10	25.40	137	15	4.57	9	22.86	167	25	7.62	13	33.02
108	20	6.10	12	30.48	138	20	6.10	9	22.86	168	30	9.14	13	33.02
109	28	8.53	13	33.02	139	15	4.57	10	25.40	169	25	7.62	12	30.48
110	22	6.71	12	30.48	140	52	15.85	25	63.50	170	40	12.19	20	50.80
111	30	9.14	13	33.02	141	30	9.14	13	33.02	171	15	4.57	8	20.32
112	28	8.53	13	33.02	142	40	12.19	17	43.18	172	30	9.14	17	43.18
113	35	10.67	15	38.10	143	25	7.62	10	25.40	173	12	3.66	9	22.86
114	21	6.40	12	30.48	144	25	7.62	14	35.56	174	40	12.19	20	50.80
115	40	12.19	17	43.18	145	20	6.10	10	25.40	175	25	7.62	14	35.56
116	30	9.14	11	27.94	146	36	10.97	14	35.56	176	24	7.32	12	30.48
117	25	7.62	11	27.94	147	31	9.45	11	27.94	177	20	6.10	11	27.94
118	32	9.75	13	33.02	148	15	4.57	8	20.32	178	12	3.66	8	20.32
119	30	9.14	11	27.94	149	45	13.72	24	60.96	179	18	5.49	9	22.86
120	20	6.10	10	25.40	150	15	4.57	8	20.32	180	30	9.14	9	22.86

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
181	20	6.10	10	25.40	211	52	15.85	28	71.12	241	62	18.90	30	76.20
182	50	15.24	16	40.64	212	28	8.53	20	50.80	242	30	9.14	16	40.64
183	45	13.72	22	55.88	213	50	15.24	21	53.34	243	40	12.19	15	38.10
184	40	12.19	16	40.64	214	38	11.58	23	58.42	244	50	15.24	25	63.50
185	18	5.49	13	33.02	215	24	7.32	11	27.94	245	55	16.76	20	50.80
186	40	12.19	20	50.80	216	45	13.72	28	71.12	246	32	9.75	14	35.56
187	36	10.97	17	43.18	217	35	10.67	19	48.26	247	25	7.62	11	27.94
188	15	4.57	8	20.32	218	50	15.24	22	55.88	248	22	6.71	10	25.40
189	24	7.32	12	30.48	219	40	12.19	17	43.18	249	35	10.67	7	17.78
190	40	12.19	18	45.72	220	25	7.62	17	43.18	250	40	12.19	21	53.34
191	25	7.62	9	22.86	221	34	10.36	17	43.18	251	25	7.62	13	33.02
192	30	9.14	12	30.48	222	30	9.14	11	27.94	252	15	4.57	9	22.86
193	25	7.62	9	22.86	223	42	12.80	17	43.18	253	50	15.24	22	55.88
194	12	3.66	8	20.32	224	36	10.97	15	38.10	254	60	18.29	24	60.96
195	28	8.53	12	30.48	225	20	6.10	10	25.40	255	45	13.72	16	40.64
196	35	10.67	14	35.56	226	60	18.29	28	71.12	256	30	9.14	13	33.02
197	50	15.24	22	55.88	227	15	4.57	9	22.86	257	25	7.62	11	27.94
198	20	6.10	10	25.40	228	52	15.85	27	68.58	258	15	4.57	8	20.32
199	40	12.19	18	45.72	229	26	7.92	9	22.86	259	20	6.10	10	25.40
200	50	15.24	20	50.80	230	25	7.62	10	25.40	260	20	6.10	11	27.94
201	42	12.80	26	66.04	231	55	16.76	27	68.58	261	35	10.67	15	38.10
202	15	4.57	10	25.40	232	45	13.72	15	38.10	262	28	8.53	12	30.48
203	40	12.19	25	63.50	233	15	4.57	8	20.32	263	38	11.58	14	35.56
204	45	13.72	20	50.80	234	26	7.92	12	30.48	264	50	15.24	22	55.88
205	35	10.67	15	38.10	235	20	6.10	10	25.40	265	50	15.24	24	60.96
206	25	7.62	11	27.94	236	35	10.67	13	33.02	266	50	15.24	23	58.42
207	40	12.19	21	53.34	237	25	7.62	15	38.10	267	42	12.80	14	35.56
208	45	13.72	13	33.02	238	30	9.14	15	38.10	268	60	18.29	28	71.12
209	45	13.72	23	58.42	239	38	11.58	20	50.80	269	40	12.19	19	48.26
210	50	15.24	22	55.88	240	35	10.67	17	43.18	270	25	7.62	17	43.18

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
271	50	15.24	19	48.26	301	25	7.62	14	35.56	331	52	15.85	23	58.42
272	35	10.67	18	45.72	302	15	4.57	8	20.32	332	15	4.57	8	20.32
273	30	9.14	18	45.72	303	38	11.58	20	50.80	333	40	12.19	19	48.26
274	30	9.14	13	33.02	304	40	12.19	20	50.80	334	50	15.24	22	55.88
275	15	4.57	8	20.32	305	30	9.14	12	30.48	335	35	10.67	14	35.56
276	20	6.10	12	30.48	306	55	16.76	27	68.58	336	25	7.62	13	33.02
277	45	13.72	26	66.04	307	15	4.57	8	20.32	337	22	6.71	10	25.40
278	40	12.19	23	58.42	308	58	17.68	26	66.04	338	40	12.19	18	45.72
279	30	9.14	12	30.48	309	30	9.14	14	35.56	339	35	10.67	18	45.72
280	25	7.62	11	27.94	310	40	12.19	17	43.18	340	25	7.62	14	35.56
281	20	6.10	9	22.86	311	30	9.14	13	33.02	341	12	3.66	8	20.32
282	35	10.67	15	38.10	312	30	9.14	19	48.26	342	35	10.67	13	33.02
283	15	4.57	10	25.40	313	48	14.63	26	66.04	343	15	4.57	8	20.32
284	58	17.68	28	71.12	314	14	4.27	9	22.86	344	15	4.57	9	22.86
285	25	7.62	10	25.40	315	55	16.76	27	68.58	345	15	4.57	8	20.32
286	30	9.14	12	30.48	316	60	18.29	30	76.20	346	26	7.92	10	25.40
287	20	6.10	9	22.86	317	40	12.19	18	45.72	347	25	7.62	11	27.94
288	30	9.14	13	33.02	318	42	12.80	12	30.48	348	40	12.19	19	48.26
289	22	6.71	11	27.94	319	32	9.75	12	30.48	349	40	12.19	17	43.18
290	25	7.62	15	38.10	320	20	6.10	12	30.48	350	58	17.68	25	63.50
291	30	9.14	16	40.64	321	28	8.53	11	27.94	351	25	7.62	10	25.40
292	38	11.58	20	50.80	322	35	10.67	15	38.10	352	15	4.57	11	27.94
293	45	13.72	25	63.50	323	42	12.80	20	50.80	353	65	19.81	32	81.28
294	30	9.14	14	35.56	324	16	4.88	18	45.72	354	35	10.67	19	48.26
295	52	15.85	25	63.50	325	18	5.49	11	27.94	355	25	7.62	11	27.94
296	30	9.14	15	38.10	326	40	12.19	19	48.26	356	26	7.92	12	30.48
297	50	15.24	27	68.58	327	17	5.18	9	22.86	357	20	6.10	11	27.94
298	52	15.85	23	58.42	328	40	12.19	19	48.26	358	38	11.58	15	38.10
299	40	12.19	21	53.34	329	60	18.29	27	68.58	359	60	18.29	30	76.20
300	55	16.76	21	53.34	330	45	13.72	19	48.26	360	50	15.24	20	50.80

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	52	15.85	23	58.42	391	45	13.72	20	50.80	421	26	7.92	10	25.40
362	35	10.67	16	40.64	392	36	10.97	16	40.64	422	15	4.57	13	33.02
363	56	17.07	21	53.34	393	30	9.14	17	43.18	423	12	3.66	8	20.32
364	55	16.76	20	50.80	394	35	10.67	18	45.72	424	38	11.58	15	38.10
365	30	9.14	12	30.48	395	50	15.24	24	60.96	425	30	9.14	16	40.64
366	36	10.97	18	45.72	396	32	9.75	13	33.02	426	14	4.27	10	25.40
367	40	12.19	20	50.80	397	12	3.66	10	25.40	427	40	12.19	19	48.26
368	36	10.97	19	48.26	398	40	12.19	23	58.42	428	50	15.24	22	55.88
369	30	9.14	15	38.10	399	36	10.97	16	40.64	429	15	4.57	10	25.40
370	54	16.46	23	58.42	400	14	4.27	10	25.40	430	40	12.19	19	48.26
371	15	4.57	8	20.32	401	40	12.19	23	58.42	431	65	19.81	23	58.42
372	50	15.24	26	66.04	402	55	16.76	23	58.42	432	20	6.10	9	22.86
373	30	9.14	17	43.18	403	38	11.58	16	40.64	433	25	7.62	12	30.48
374	40	12.19	18	45.72	404	40	12.19	21	53.34	434	40	12.19	20	50.80
375	52	15.85	23	58.42	405	20	6.10	15	38.10	435	60	18.29	25	63.50
376	25	7.62	11	27.94	406	40	12.19	19	48.26	436	52	15.85	36	91.44
377	28	8.53	11	27.94	407	55	16.76	23	58.42	437	20	6.10	9	22.86
378	25	7.62	14	35.56	408	25	7.62	15	38.10	438	38	11.58	25	63.50
379	53	16.15	23	58.42	409	40	12.19	19	48.26	439	20	6.10	10	25.40
380	23	7.01	19	48.26	410	30	9.14	14	35.56	440	42	12.80	17	43.18
381	42	12.80	19	48.26	411	40	12.19	8	20.32	441	32	9.75	13	33.02
382	38	11.58	20	50.80	412	30	9.14	17	43.18	442	21	6.40	8	20.32
383	45	13.72	26	66.04	413	40	12.19	17	43.18	443	40	12.19	18	45.72
384	40	12.19	22	55.88	414	28	8.53	14	35.56	444	36	10.97	18	45.72
385	45	13.72	20	50.80	415	30	9.14	12	30.48	445	19	5.79	11	27.94
386	30	9.14	20	50.80	416	40	12.19	19	48.26	446	30	9.14	14	35.56
387	54	16.46	22	55.88	417	60	18.29	25	63.50	447	40	12.19	15	38.10
388	38	11.58	19	48.26	418	30	9.14	21	53.34	448	40	12.19	18	45.72
389	40	12.19	20	50.80	419	50	15.24	23	58.42	449	17	5.18	12	30.48
390	25	7.62	14	35.56	420	41	12.50	20	50.80	450	15	4.57	8	20.32

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	30	9.14	15	38.10	481	36	10.97	21	53.34	511	40	12.19	22	55.88
452	32	9.75	12	30.48	482	35	10.67	16	40.64	512	23	7.01	11	27.94
453	30	9.14	13	33.02	483	40	12.19	26	66.04	513	38	11.58	23	58.42
454	40	12.19	14	35.56	484	30	9.14	13	33.02	514	18	5.49	9	22.86
455	10	3.05	8	20.32	485	32	9.75	14	35.56	515	15	4.57	8	20.32
456	15	4.57	8	20.32	486	25	7.62	11	27.94	516	20	6.10	12	30.48
457	30	9.14	19	48.26	487	30	9.14	17	43.18	517	42	12.80	17	43.18
458	30	9.14	9	22.86	488	28	8.53	16	40.64	518	55	16.76	25	63.50
459	52	15.85	20	50.80	489	40	12.19	15	38.10	519	50	15.24	25	63.50
460	40	12.19	23	58.42	490	20	6.10	8	20.32	520	63	19.20	27	68.58
461	34	10.36	21	53.34	491	20	6.10	12	30.48	521	30	9.14	17	43.18
462	53	16.15	21	53.34	492	50	15.24	26	66.04	522	45	13.72	22	55.88
463	15	4.57	8	20.32	493	45	13.72	19	48.26	523	48	14.63	22	55.88
464	20	6.10	19	48.26	494	68	20.73	32	81.28	524	50	15.24	24	60.96
465	50	15.24	19	48.26	495	15	4.57	10	25.40	525	20	6.10	8	20.32
466	25	7.62	12	30.48	496	45	13.72	22	55.88	526	35	10.67	17	43.18
467	42	12.80	9	22.86	497	25	7.62	19	48.26	527	22	6.71	10	25.40
468	40	12.19	22	55.88	498	40	12.19	17	43.18	528	25	7.62	15	38.10
469	30	9.14	18	45.72	499	20	6.10	13	33.02	529	53	16.15	25	63.50
470	45	13.72	18	45.72	500	40	12.19	17	43.18	530	55	16.76	24	60.96
471	40	12.19	19	48.26	501	25	7.62	12	30.48	531	30	9.14	12	30.48
472	52	15.85	24	60.96	502	20	6.10	9	22.86	532	65	19.81	27	68.58
473	30	9.14	20	50.80	503	30	9.14	21	53.34	533	35	10.67	13	33.02
474	35	10.67	15	38.10	504	50	15.24	26	66.04	534	25	7.62	13	33.02
475	42	12.80	23	58.42	505	40	12.19	21	53.34	535	45	13.72	20	50.80
476	20	6.10	16	40.64	506	15	4.57	9	22.86	536	31	9.45	20	50.80
477	40	12.19	20	50.80	507	35	10.67	20	50.80	537	25	7.62	13	33.02
478	35	10.67	19	48.26	508	35	10.67	18	45.72	538	40	12.19	19	48.26
479	40	12.19	23	58.42	509	40	12.19	21	53.34	539	30	9.14	15	38.10
480	38	11.58	17	43.18	510	42	12.80	20	50.80	540	35	10.67	16	40.64

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
541	15	4.57	8	20.32	571	45	13.72	22	55.88	601	45	13.72	18	45.72
542	45	13.72	28	71.12	572	20	6.10	8	20.32	602	20	6.10	9	22.86
543	35	10.67	16	40.64	573	15	4.57	8	20.32	603	50	15.24	22	55.88
544	4	1.22	17	43.18	574	45	13.72	19	48.26	604	30	9.14	15	38.10
545	30	9.14	15	38.10	575	12	3.66	8	20.32	605	25	7.62	11	27.94
546	15	4.57	10	25.40	576	35	10.67	13	33.02	606	45	13.72	16	40.64
547	15	4.57	9	22.86	577	35	10.67	19	48.26	607	32	9.75	16	40.64
548	45	13.72	18	45.72	578	15	4.57	8	20.32	608	40	12.19	19	48.26
549	20	6.10	12	30.48	579	15	4.57	10	25.40	609	55	16.76	25	63.50
550	35	10.67	15	38.10	580	30	9.14	12	30.48	610	40	12.19	15	38.10
551	40	12.19	15	38.10	581	30	9.14	13	33.02	611	20	6.10	15	38.10
552	20	6.10	12	30.48	582	25	7.62	12	30.48	612	15	4.57	25	63.50
553	25	7.62	14	35.56	583	28	8.53	13	33.02	613	35	10.67	19	48.26
554	20	6.10	12	30.48	584	35	10.67	19	48.26	614	45	13.72	14	35.56
555	25	7.62	13	33.02	585	42	12.80	15	38.10	615	26	7.92	10	25.40
556	40	12.19	17	43.18	586	20	6.10	9	22.86	616	25	7.62	9	22.86
557	45	13.72	20	50.80	587	15	4.57	8	20.32	617	40	12.19	17	43.18
558	36	10.97	14	35.56	588	28	8.53	15	38.10	618	40	12.19	16	40.64
559	30	9.14	15	38.10	589	40	12.19	23	58.42	619	55	16.76	23	58.42
560	40	12.19	14	35.56	590	25	7.62	12	30.48	620	30	9.14	16	40.64
561	50	15.24	17	43.18	591	50	15.24	24	60.96	621	35	10.67	15	38.10
562	12	3.66	9	22.86	592	19	5.79	14	35.56	622	35	10.67	16	40.64
563	40	12.19	16	40.64	593	28	8.53	11	27.94	623	15	4.57	10	25.40
564	30	9.14	14	35.56	594	25	7.62	17	43.18	624	55	16.76	20	50.80
565	40	12.19	20	50.80	595	32	9.75	12	30.48	625	35	10.67	16	40.64
566	30	9.14	11	27.94	596	45	13.72	25	63.50	626	35	10.67	18	45.72
567	40	12.19	17	43.18	597	42	12.80	16	40.64	627	15	4.57	8	20.32
568	25	7.62	9	22.86	598	41	12.50	20	50.80	628	35	10.67	15	38.10
569	20	6.10	10	25.40	599	30	9.14	18	45.72	629	20	6.10	12	30.48
570	62	18.90	26	66.04	600	43	13.11	21	53.34	630	53	16.15	23	58.42

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
631	45	13.72	16	40.64	661	25	7.62	13	33.02	691	45	13.72	22	55.88
632	42	12.80	19	48.26	662	33	10.06	16	40.64	692	25	7.62	9	22.86
633	25	7.62	11	27.94	663	20	6.10	13	33.02	693	40	12.19	22	55.88
634	25	7.62	12	30.48	664	35	10.67	15	38.10	694	30	9.14	15	38.10
635	15	4.57	8	20.32	665	30	9.14	18	45.72	695	17	5.18	10	25.40
636	43	13.11	18	45.72	666	25	7.62	16	40.64	696	60	18.29	26	66.04
637	18	5.49	9	22.86	667	30	9.14	16	40.64	697	25	7.62	12	30.48
638	12	3.66	8	20.32	668	32	9.75	25	63.50	698	45	13.72	22	55.88
639	15	4.57	9	22.86	669	23	7.01	9	22.86	699	20	6.10	10	25.40
640	52	15.85	21	53.34	670	20	6.10	10	25.40	700	22	6.71	9	22.86
641	28	8.53	11	27.94	671	20	6.10	9	22.86	701	30	9.14	16	40.64
642	60	18.29	17	43.18	672	55	16.76	21	53.34	702	23	7.01	10	25.40
643	30	9.14	16	40.64	673	41	12.50	22	55.88	703	40	12.19	17	43.18
644	40	12.19	19	48.26	674	15	4.57	8	20.32	704	25	7.62	13	33.02
645	38	11.58	22	55.88	675	32	9.75	14	35.56	705	40	12.19	19	48.26
646	28	8.53	17	43.18	676	55	16.76	23	58.42	706	25	7.62	12	30.48
647	48	14.63	17	43.18	677	28	8.53	14	35.56	707	45	13.72	19	48.26
648	20	6.10	12	30.48	678	30	9.14	13	33.02	708	40	12.19	21	53.34
649	40	12.19	14	35.56	679	35	10.67	12	30.48	709	45	13.72	20	50.80
650	48	14.63	25	63.50	680	25	7.62	10	25.40	710	40	12.19	23	58.42
651	30	9.14	16	40.64	681	45	13.72	18	45.72	711	35	10.67	24	60.96
652	30	9.14	13	33.02	682	20	6.10	15	38.10	712	40	12.19	15	38.10
653	25	7.62	14	35.56	683	15	4.57	14	35.56	713	35	10.67	13	33.02
654	28	8.53	15	38.10	684	25	7.62	12	30.48	714	52	15.85	23	58.42
655	52	15.85	27	68.58	685	30	9.14	13	33.02	715	43	13.11	23	58.42
656	34	10.36	16	40.64	686	25	7.62	11	27.94	716	25	7.62	14	35.56
657	45	13.72	22	55.88	687	55	16.76	27	68.58	717	30	9.14	13	33.02
658	40	12.19	22	55.88	688	36	10.97	15	38.10	718	23	7.01	15	38.10
659	10	3.05	8	20.32	689	32	9.75	14	35.56	719	25	7.62	11	27.94
660	22	6.71	9	22.86	690	25	7.62	16	40.64	720	50	15.24	21	53.34

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	45	13.72	17	43.18	751	40	12.19	21	53.34	781	20	6.10	10	25.40
722	26	7.92	11	27.94	752	50	15.24	19	48.26	782	25	7.62	14	35.56
723	45	13.72	23	58.42	753	26	7.92	12	30.48	783	54	16.46	31	78.74
724	30	9.14	12	30.48	754	55	16.76	26	66.04	784	25	7.62	16	40.64
725	20	6.10	9	22.86	755	45	13.72	17	43.18	785	25	7.62	12	30.48
726	55	16.76	22	55.88	756	16	4.88	17	43.18	786	35	10.67	16	40.64
727	52	15.85	21	53.34	757	40	12.19	22	55.88	787	45	13.72	20	50.80
728	25	7.62	15	38.10	758	30	9.14	16	40.64	788	15	4.57	9	22.86
729	25	7.62	16	40.64	759	52	15.85	23	58.42	789	20	6.10	11	27.94
730	15	4.57	7	17.78	760	45	13.72	19	48.26	790	25	7.62	15	38.10
731	35	10.67	20	50.80	761	25	7.62	15	38.10	791	30	9.14	14	35.56
732	55	16.76	27	68.58	762	45	13.72	18	45.72	792	20	6.10	7	17.78
733	36	10.97	19	48.26	763	35	10.67	21	53.34	793	22	6.71	9	22.86
734	45	13.72	19	48.26	764	40	12.19	13	33.02	794	28	8.53	12	30.48
735	25	7.62	15	38.10	765	15	4.57	10	25.40	795	25	7.62	13	33.02
736	26	7.92	10	25.40	766	45	13.72	22	55.88	796	18	5.49	8	20.32
737	36	10.97	11	27.94	767	20	6.10	11	27.94	797	30	9.14	15	38.10
738	45	13.72	19	48.26	768	45	13.72	22	55.88	798	45	13.72	25	63.50
739	50	15.24	24	60.96	769	52	15.85	23	58.42	799	55	16.76	27	68.58
740	45	13.72	21	53.34	770	18	5.49	8	20.32	800	42	12.80	23	58.42
741	15	4.57	10	25.40	771	17	5.18	9	22.86	801	35	10.67	13	33.02
742	35	10.67	15	38.10	772	20	6.10	15	38.10	802	27	8.23	14	35.56
743	20	6.10	9	22.86	773	54	16.46	26	66.04	803	20	6.10	9	22.86
744	30	9.14	13	33.02	774	28	8.53	13	33.02	804	26	7.92	14	35.56
745	25	7.62	16	40.64	775	25	7.62	15	38.10	805	35	10.67	17	43.18
746	30	9.14	17	43.18	776	22	6.71	16	40.64	806	25	7.62	17	43.18
747	28	8.53	13	33.02	777	30	9.14	9	22.86	807	55	16.76	25	63.50
748	30	9.14	13	33.02	778	38	11.58	21	53.34	808	35	10.67	12	30.48
749	20	6.10	14	35.56	779	25	7.62	12	30.48	809	30	9.14	14	35.56
750	28	8.53	11	27.94	780	37	11.28	18	45.72	810	35	10.67	20	50.80

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
811	45	13.72	18	45.72	841	40	12.19	18	45.72	871	45	13.72	29	73.66
812	25	7.62	16	40.64	842	52	15.85	28	71.12	872	35	10.67	13	33.02
813	30	9.14	19	48.26	843	55	16.76	17	43.18	873	45	13.72	28	71.12
814	25	7.62	13	33.02	844	40	12.19	16	40.64	874	55	16.76	16	40.64
815	35	10.67	18	45.72	845	55	16.76	23	58.42	875	15	4.57	10	25.40
816	25	7.62	15	38.10	846	45	13.72	19	48.26	876	28	8.53	11	27.94
817	31	9.45	14	35.56	847	25	7.62	9	22.86	877	25	7.62	10	25.40
818	30	9.14	12	30.48	848	54	16.46	25	63.50	878	25	7.62	19	48.26
819	45	13.72	18	45.72	849	40	12.19	15	38.10	879	35	10.67	12	30.48
820	25	7.62	16	40.64	850	25	7.62	9	22.86					
821	35	10.67	17	43.18	851	24	7.32	11	27.94					
822	30	9.14	9	22.86	852	22	6.71	10	25.40					
823	45	13.72	12	30.48	853	26	7.92	11	27.94					
824	50	15.24	18	45.72	854	22	6.71	9	22.86					
825	40	12.19	16	40.64	855	45	13.72	14	35.56					
826	55	16.76	22	55.88	856	55	16.76	26	66.04					
827	43	13.11	20	50.80	857	25	7.62	11	27.94					
828	45	13.72	16	40.64	858	52	15.85	17	43.18					
829	20	6.10	10	25.40	859	20	6.10	11	27.94					
830	30	9.14	17	43.18	860	35	10.67	15	38.10					
831	16	4.88	10	25.40	861	20	6.10	8	20.32					
832	55	16.76	21	53.34	862	50	15.24	15	38.10					
833	55	16.76	18	45.72	863	18	5.49	10	25.40					
834	25	7.62	12	30.48	864	20	6.10	9	22.86					
835	25	7.62	10	25.40	865	63	19.20	32	81.28					
836	25	7.62	13	33.02	866	55	16.76	21	53.34					
837	35	10.67	10	25.40	867	60	18.29	28	71.12					
838	55	16.76	24	60.96	868	27	8.23	13	33.02					
839	53	16.15	23	58.42	869	35	10.67	13	33.02					
840	30	9.14	12	30.48	870	52	15.85	28	71.12					

Semecarpas anacardium / (Vella)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	15	4.57	8	20.32
3	15	4.57	8	20.32
4	17	5.18	9	22.86
5	19	5.79	10	25.40
6	20	6.10	10	25.40
7	20	6.10	8	20.32
8	12	3.66	8	20.32

KANKSA

Madhuca latifolia / (Mahua)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48	31	38	11.58	22	55.88	61	19	5.79	11	27.94
2	35	10.67	11	27.94	32	38	11.58	17	43.18	62	25	7.62	13	33.02
3	30	9.14	18	45.72	33	15	4.57	9	22.86	63	25	7.62	11	27.94
4	15	4.57	10	25.40	34	25	7.62	12	30.48	64	25	7.62	19	48.26
5	20	6.10	12	30.48	35	20	6.10	9	22.86	65	31	9.45	19	48.26
6	35	10.67	19	48.26	36	23	7.01	13	33.02	66	20	6.10	13	33.02
7	42	12.80	25	63.50	37	42	12.80	18	45.72	67	28	8.53	13	33.02
8	26	7.92	14	35.56	38	15	4.57	9	22.86	68	35	10.67	21	53.34
9	30	9.14	22	55.88	39	53	16.15	27	68.58	69	33	10.06	22	55.88
10	20	6.10	12	30.48	40	35	10.67	18	45.72	70	18	5.49	10	25.40
11	32	9.75	18	45.72	41	40	12.19	19	48.26	71	28	8.53	16	40.64
12	20	6.10	16	40.64	42	30	9.14	19	48.26	72	15	4.57	11	27.94
13	37	11.28	26	66.04	43	25	7.62	16	40.64	73	23	7.01	12	30.48
14	40	12.19	21	53.34	44	20	6.10	8	20.32	74	30	9.14	14	35.56
15	42	12.80	17	43.18	45	22	6.71	12	30.48	75	25	7.62	18	45.72
16	42	12.80	14	35.56	46	30	9.14	17	43.18	76	55	16.76	22	55.88
17	20	6.10	9	22.86	47	25	7.62	12	30.48	77	35	10.67	21	53.34
18	35	10.67	10	25.40	48	15	4.57	10	25.40	78	25	7.62	14	35.56
19	38	11.58	19	48.26	49	33	10.06	13	33.02	79	28	8.53	15	38.10
20	25	7.62	13	33.02	50	35	10.67	22	55.88	80	25	7.62	14	35.56
21	45	13.72	22	55.88	51	25	7.62	16	40.64	81	30	9.14	12	30.48
22	34	10.36	17	43.18	52	18	5.49	8	20.32	82	25	7.62	10	25.40
23	40	12.19	15	38.10	53	25	7.62	13	33.02	83	38	11.58	17	43.18
24	25	7.62	12	30.48	54	25	7.62	13	33.02	84	22	6.71	14	35.56
25	40	12.19	16	40.64	55	20	6.10	12	30.48	85	28	8.53	12	30.48
26	15	4.57	13	33.02	56	25	7.62	14	35.56	86	29	8.84	12	30.48
27	20	6.10	12	30.48	57	25	7.62	14	35.56	87	20	6.10	9	22.86
28	17	5.18	9	22.86	58	20	6.10	10	25.40					
29	25	7.62	11	27.94	59	15	4.57	8	20.32					
30	22	6.71	11	27.94	60	23	7.01	11	27.94					

KANKSA

Buchanania lanzan/ (Piyal)					*Pterocarpus marsupium* / (Piyasal)									
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	32	9.75	16	40.64	1	18	5.49	12	30.48	31	12	3.66	13	33.02
2	25	7.62	13	33.02	2	25	7.62	12	30.48	32	35	10.67	15	38.10
3	25	7.62	11	27.94	3	35	10.67	17	43.18	33	20	6.10	10	25.40
4	12	3.66	9	22.86	4	42	12.80	20	50.80	34	35	10.67	13	33.02
5	15	4.57	10	25.40	5	40	12.19	11	27.94	35	25	7.62	9	22.86
6	15	4.57	9	22.86	6	36	10.97	18	45.72	36	38	11.58	14	35.56
7	25	7.62	11	27.94	7	40	12.19	21	53.34	37	45	13.72	20	50.80
8	18	5.49	10	25.40	8	40	12.19	13	33.02	38	30	9.14	12	30.48
9	40	12.19	26	66.04	9	28	8.53	12	30.48	39	40	12.19	16	40.64
10	30	9.14	13	33.02	10	38	11.58	11	27.94	40	17	5.18	10	25.40
11	30	9.14	16	40.64	11	60	18.29	21	53.34	41	35	10.67	10	25.40
12	35	10.67	20	50.80	12	25	7.62	13	33.02	42	45	13.72	17	43.18
13	20	6.10	9	22.86	13	26	7.92	16	40.64	43	40	12.19	22	55.88
14	15	4.57	9	22.86	14	20	6.10	12	30.48	44	30	9.14	17	43.18
15	15	4.57	10	25.40	15	30	9.14	15	38.10	45	25	7.62	14	35.56
16	30	9.14	18	45.72	16	32	9.75	12	30.48	46	30	9.14	24	60.96
17	25	7.62	13	33.02	17	32	9.75	18	45.72	47	40	12.19	13	33.02
18	15	4.57	8	20.32	18	35	10.67	23	58.42	48	45	13.72	16	40.64
19	23	7.01	12	30.48	19	42	12.80	20	50.80	49	25	7.62	10	25.40
20	20	6.10	9	22.86	20	22	6.71	17	43.18	50	35	10.67	13	33.02
21	30	9.14	15	38.10	21	30	9.14	13	33.02	51	30	9.14	11	27.94
22	25	7.62	10	25.40	22	40	12.19	17	43.18	52	32	9.75	14	35.56
23	12	3.66	8	20.32	23	14	4.27	8	20.32	53	50	15.24	23	58.42
24	15	4.57	9	22.86	24	50	15.24	26	66.04	54	30	9.14	14	35.56
					25	42	12.80	14	35.56	55	25	7.62	12	30.48
					26	35	10.67	18	45.72	56	15	4.57	10	25.40
					27	42	12.80	22	55.88	57	30	9.14	9	22.86
					28	25	7.62	16	40.64	58	40	12.19	13	33.02
					29	55	16.76	28	71.12	59	28	8.53	13	33.02
					30	15	4.57	11	27.94	60	24	7.32	12	30.48

KANKSA

Pterocarpus marsupium / (Piyasal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
61	32	9.75	14	35.56	91	15	4.57	11	27.94	121	38	11.58	26	66.04
62	53	16.15	28	71.12	92	30	9.14	15	38.10	122	20	6.10	11	27.94
63	28	8.53	11	27.94	93	19	5.79	10	25.40	123	30	9.14	20	50.80
64	40	12.19	21	53.34	94	19	5.79	13	33.02	124	30	9.14	14	35.56
65	30	9.14	11	27.94	95	50	15.24	22	55.88	125	25	7.62	12	30.48
66	15	4.57	9	22.86	96	19	5.79	12	30.48	126	15	4.57	10	25.40
67	15	4.57	10	25.40	97	30	9.14	13	33.02	127	28	8.53	12	30.48
68	38	11.58	12	30.48	98	20	6.10	13	33.02	128	28	8.53	14	35.56
69	42	12.80	20	50.80	99	16	4.88	10	25.40	129	52	15.85	24	60.96
70	30	9.14	15	38.10	100	30	9.14	17	43.18	130	23	7.01	11	27.94
71	35	10.67	21	53.34	101	25	7.62	12	30.48	131	15	4.57	10	25.40
72	45	13.72	16	40.64	102	30	9.14	16	40.64	132	40	12.19	22	55.88
73	20	6.10	12	30.48	103	28	8.53	16	40.64	133	28	8.53	13	33.02
74	45	13.72	17	43.18	104	30	9.14	11	27.94	134	20	6.10	12	30.48
75	23	7.01	10	25.40	105	33	10.06	16	40.64	135	46	14.02	20	50.80
76	40	12.19	19	48.26	106	30	9.14	12	30.48	136	26	7.92	14	35.56
77	15	4.57	17	43.18	107	45	13.72	20	50.80	137	34	10.36	16	40.64
78	40	12.19	21	53.34	108	17	5.18	9	22.86	138	55	16.76	19	48.26
79	30	9.14	14	35.56	109	25	7.62	14	35.56	139	30	9.14	22	55.88
80	39	11.89	17	43.18	110	15	4.57	9	22.86	140	28	8.53	14	35.56
81	6	1.83	12	30.48	111	25	7.62	13	33.02	141	45	13.72	23	58.42
82	15	4.57	14	35.56	112	40	12.19	22	55.88	142	7	2.13	14	35.56
83	20	6.10	16	40.64	113	17	5.18	9	22.86	143	36	10.97	17	43.18
84	40	12.19	16	40.64	114	35	10.67	18	45.72	144	50	15.24	21	53.34
85	45	13.72	16	40.64	115	30	9.14	10	25.40	145	30	9.14	13	33.02
86	25	7.62	12	30.48	116	22	6.71	10	25.40	146	38	11.58	14	35.56
87	30	9.14	11	27.94	117	28	8.53	17	43.18	147	25	7.62	14	35.56
88	20	6.10	14	35.56	118	30	9.14	13	33.02	148	45	13.72	20	50.80
89	20	6.10	8	20.32	119	35	10.67	19	48.26	149	30	9.14	11	27.94
90	52	15.85	23	58.42	120	25	7.62	12	30.48	150	25	7.62	12	30.48

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Pterocarpus marsupium / (Piyasal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
151	28	8.53	12	30.48
152	35	10.67	12	30.48
153	40	12.19	14	35.56
154	25	7.62	12	30.48
155	28	8.53	12	30.48
156	35	10.67	15	38.10
157	35	10.67	13	33.02
158	45	13.72	19	48.26
159	50	15.24	17	43.18
160	42	12.80	17	43.18
161	40	12.19	15	38.10
162	35	10.67	12	30.48
163	20	6.10	12	30.48
164	23	7.01	11	27.94
165	30	9.14	12	30.48

Terminalia tomentosa / (Ason)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	8	20.32
2	17	5.18	9	22.86

Dillenia pentagyna / (Bon Chalta)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	11	27.94
2	10	3.05	13	33.02

Lannea coromandelica / (Geol/Doka)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	8	20.32
2	8	2.44	7	17.78
3	15	4.57	9	22.86
4	10	3.05	11	27.94
5	12	3.66	8	20.32
6	20	6.10	8	20.32
7	10	3.05	8	20.32
8	16	4.88	9	22.86
9	15	4.57	8	20.32
10	12	3.66	8	20.32
11	13	3.96	8	20.32
12	13	3.96	9	22.86
13	10	3.05	8	20.32
14	15	4.57	9	22.86
15	10	3.05	9	22.86
16	15	4.57	10	25.40
17	12	3.66	9	22.86
18	20	6.10	14	35.56
19	15	4.57	8	20.32
20	12	3.66	7	17.78
21	13	3.96	8	20.32
22	15	4.57	9	22.86
23	15	4.57	8	20.32
24	15	4.57	8	20.32
25	14	4.27	10	25.40
26	19	5.79	12	30.48
27	17	5.18	12	30.48

Cassia fistula / (Bandorlathi/Sonalu)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	18	45.72
2	15	4.57	12	30.48
3	10	3.05	8	20.32
4	23	7.01	19	48.26
5	20	6.10	15	38.10
6	22	6.71	17	43.18
7	55	16.76	30	76.20
8	20	6.10	14	35.56
9	20	6.10	12	30.48
10	15	4.57	14	35.56
11	25	7.62	12	30.48
12	20	6.10	12	30.48
13	25	7.62	10	25.40
14	30	9.14	11	27.94
15	20	6.10	19	48.26
16	25	7.62	20	50.80

Terminalia arjuna / (Arjun)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	8	20.32

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Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40	41	15	4.57	10	25.40	81	15	4.57	11	27.94
2	13	3.96	10	25.40	42	25	7.62	20	50.80	82	20	6.10	10	25.40
3	30	9.14	20	50.80	43	30	9.14	25	63.50	83	25	7.62	14	35.56
4	15	4.57	10	25.40	44	15	4.57	10	25.40	84	22	6.71	10	25.40
5	20	6.10	10	25.40	45	25	7.62	11	27.94	85	25	7.62	13	33.02
6	20	6.10	10	25.40	46	20	6.10	15	38.10	86	17	5.18	10	25.40
7	20	6.10	10	25.40	47	50	15.24	21	53.34	87	25	7.62	14	35.56
8	40	12.19	17	43.18	48	18	5.49	10	25.40	88	32	9.75	15	38.10
9	35	10.67	16	40.64	49	15	4.57	10	25.40	89	45	13.72	18	45.72
10	50	15.24	30	76.20	50	15	4.57	12	30.48	90	45	13.72	16	40.64
11	50	15.24	30	76.20	51	15	4.57	10	25.40	91	22	6.71	13	33.02
12	14	4.27	10	25.40	52	15	4.57	10	25.40	92	30	9.14	12	30.48
13	20	6.10	10	25.40	53	30	9.14	20	50.80	93	18	5.49	10	25.40
14	12	3.66	11	27.94	54	15	4.57	10	25.40	94	25	7.62	12	30.48
15	30	9.14	20	50.80	55	50	15.24	30	76.20	95	12	3.66	10	25.40
16	38	11.58	14	35.56	56	26	7.92	13	33.02	96	23	7.01	12	30.48
17	30	9.14	25	63.50	57	18	5.49	10	25.40	97	40	12.19	15	38.10
18	30	9.14	20	50.80	58	40	12.19	21	53.34	98	45	13.72	17	43.18
19	30	9.14	20	50.80	59	25	7.62	15	38.10	99	55	16.76	20	50.80
20	40	12.19	15	38.10	60	19	5.79	16	40.64	100	35	10.67	15	38.10
21	15	4.57	10	25.40	61	40	12.19	18	45.72	101	52	15.85	23	58.42
22	38	11.58	14	35.56	62	25	7.62	14	35.56	102	20	6.10	15	38.10
23	50	15.24	30	76.20	63	40	12.19	19	48.26	103	45	13.72	15	38.10
24	30	9.14	13	33.02	64	20	6.10	10	25.40	104	45	13.72	22	55.88
25	25	7.62	20	50.80	65	20	6.10	10	25.40	105	55	16.76	23	58.42
26	50	15.24	30	76.20	66	25	7.62	14	35.56	106	40	12.19	15	38.10
27	20	6.10	15	38.10	67	18	5.49	10	25.40	107	50	15.24	24	60.96
28	15	4.57	10	25.40	68	30	9.14	16	40.64	108	55	16.76	15	38.10
29	16	4.88	10	25.40	69	25	7.62	13	33.02	109	28	8.53	13	33.02
30	25	7.62	12	30.48	70	22	6.71	10	25.40	110	40	12.19	15	38.10
31	30	9.14	19	48.26	71	40	12.19	25	63.50	111	23	7.01	12	30.48
32	15	4.57	10	25.40	72	18	5.49	10	25.40	112	55	16.76	20	50.80
33	20	6.10	12	30.48	73	15	4.57	10	25.40	113	42	12.80	20	50.80
34	50	15.24	30	76.20	74	40	12.19	20	50.80	114	40	12.19	15	38.10
35	22	6.71	11	27.94	75	25	7.62	15	38.10	115	55	16.76	24	60.96
36	20	6.10	15	38.10	76	42	12.80	19	48.26	116	55	16.76	23	58.42
37	18	5.49	10	25.40	77	40	12.19	16	40.64	117	26	7.92	12	30.48
38	30	9.14	20	50.80	78	30	9.14	15	38.10	118	20	6.10	10	25.40
39	20	6.10	11	27.94	79	40	12.19	17	43.18	119	30	9.14	13	33.02
40	15	4.57	10	25.40	80	22	6.71	11	27.94	120	35	10.67	15	38.10

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	30	9.14	16	40.64	161	28	8.53	12	30.48	201	15	4.57	10	25.40
122	20	6.10	10	25.40	162	32	9.75	12	30.48	202	55	16.76	25	63.50
123	45	13.72	20	50.80	163	25	7.62	16	40.64	203	30	9.14	20	50.80
124	20	6.10	10	25.40	164	20	6.10	10	25.40	204	36	10.97	15	38.10
125	20	6.10	10	25.40	165	50	15.24	20	50.80	205	35	10.67	20	50.80
126	25	7.62	16	40.64	166	25	7.62	15	38.10	206	20	6.10	10	25.40
127	18	5.49	10	25.40	167	20	6.10	15	38.10	207	35	10.67	20	50.80
128	35	10.67	16	40.64	168	45	13.72	19	48.26	208	38	11.58	12	30.48
129	25	7.62	20	50.80	169	25	7.62	11	27.94	209	40	12.19	17	43.18
130	50	15.24	30	76.20	170	15	4.57	10	25.40	210	25	7.62	10	25.40
131	30	9.14	14	35.56	171	40	12.19	19	48.26	211	35	10.67	19	48.26
132	10	3.05	10	25.40	172	20	6.10	15	38.10	212	35	10.67	15	38.10
133	15	4.57	10	25.40	173	25	7.62	14	35.56	213	50	15.24	25	63.50
134	18	5.49	10	25.40	174	30	9.14	20	50.80	214	35	10.67	15	38.10
135	25	7.62	16	40.64	175	45	13.72	16	40.64	215	20	6.10	10	25.40
136	15	4.57	10	25.40	176	42	12.80	20	50.80	216	25	7.62	12	30.48
137	30	9.14	25	63.50	177	45	13.72	17	43.18	217	42	12.80	20	50.80
138	20	6.10	12	30.48	178	45	13.72	20	50.80	218	25	7.62	10	25.40
139	17	5.18	10	25.40	179	25	7.62	15	38.10	219	45	13.72	14	35.56
140	20	6.10	15	38.10	180	35	10.67	20	50.80	220	55	16.76	15	38.10
141	15	4.57	10	25.40	181	38	11.58	11	27.94	221	55	16.76	20	50.80
142	30	9.14	20	50.80	182	25	7.62	14	35.56	222	25	7.62	14	35.56
143	25	7.62	16	40.64	183	52	15.85	21	53.34	223	60	18.29	24	60.96
144	42	12.80	18	45.72	184	30	9.14	20	50.80	224	45	13.72	13	33.02
145	30	9.14	14	35.56	185	20	6.10	10	25.40	225	45	13.72	17	43.18
146	15	4.57	10	25.40	186	40	12.19	17	43.18	226	20	6.10	11	27.94
147	40	12.19	25	63.50	187	25	7.62	12	30.48	227	15	4.57	10	25.40
148	36	10.97	12	30.48	188	20	6.10	12	30.48	228	18	5.49	10	25.40
149	35	10.67	17	43.18	189	20	6.10	15	38.10	229	30	9.14	10	25.40
150	20	6.10	15	38.10	190	40	12.19	16	40.64	230	40	12.19	15	38.10
151	38	11.58	21	53.34	191	25	7.62	13	33.02	231	35	10.67	11	27.94
152	25	7.62	14	35.56	192	25	7.62	12	30.48	232	25	7.62	11	27.94
153	20	6.10	11	27.94	193	50	15.24	30	76.20	233	15	4.57	10	25.40
154	38	11.58	18	45.72	194	55	16.76	19	48.26	234	35	10.67	13	33.02
155	15	4.57	10	25.40	195	38	11.58	13	33.02	235	40	12.19	23	58.42
156	45	13.72	21	53.34	196	20	6.10	15	38.10	236	28	8.53	11	27.94
157	30	9.14	20	50.80	197	25	7.62	12	30.48	237	35	10.67	15	38.10
158	45	13.72	17	43.18	198	17	5.18	10	25.40	238	30	9.14	15	38.10
159	25	7.62	15	38.10	199	45	13.72	16	40.64	239	17	5.18	10	25.40
160	30	9.14	20	50.80	200	30	9.14	20	50.80	240	32	9.75	16	40.64

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	45	13.72	13	33.02	281	50	15.24	20	50.80	321	35	10.67	20	50.80
242	20	6.10	15	38.10	282	38	11.58	13	33.02	322	30	9.14	20	50.80
243	16	4.88	10	25.40	283	45	13.72	15	38.10	323	45	13.72	15	38.10
244	45	13.72	15	38.10	284	30	9.14	11	27.94	324	20	6.10	10	25.40
245	15	4.57	12	30.48	285	35	10.67	15	38.10	325	40	12.19	21	53.34
246	35	10.67	16	40.64	286	35	10.67	16	40.64	326	28	8.53	11	27.94
247	15	4.57	10	25.40	287	66	20.12	25	63.50	327	32	9.75	14	35.56
248	30	9.14	10	25.40	288	30	9.14	10	25.40	328	35	10.67	13	33.02
249	17	5.18	10	25.40	289	40	12.19	15	38.10	329	20	6.10	10	25.40
250	30	9.14	15	38.10	290	65	19.81	25	63.50	330	20	6.10	12	30.48
251	12	3.66	10	25.40	291	45	13.72	16	40.64	331	35	10.67	16	40.64
252	25	7.62	12	30.48	292	15	4.57	10	25.40	332	35	10.67	15	38.10
253	33	10.06	15	38.10	293	30	9.14	13	33.02	333	22	6.71	12	30.48
254	45	13.72	18	45.72	294	45	13.72	17	43.18	334	45	13.72	22	55.88
255	19	5.79	17	43.18	295	45	13.72	21	53.34	335	16	4.88	10	25.40
256	30	9.14	12	30.48	296	25	7.62	10	25.40	336	52	15.85	25	63.50
257	35	10.67	16	40.64	297	30	9.14	15	38.10	337	20	6.10	12	30.48
258	45	13.72	17	43.18	298	30	9.14	25	63.50	338	25	7.62	11	27.94
259	38	11.58	17	43.18	299	30	9.14	15	38.10	339	25	7.62	10	25.40
260	26	7.92	11	27.94	300	30	9.14	12	30.48	340	45	13.72	17	43.18
261	20	6.10	15	38.10	301	15	4.57	10	25.40	341	15	4.57	10	25.40
262	45	13.72	16	40.64	302	30	9.14	15	38.10	342	15	4.57	10	25.40
263	40	12.19	14	35.56	303	20	6.10	10	25.40	343	30	9.14	11	27.94
264	30	9.14	15	38.10	304	50	15.24	30	76.20	344	20	6.10	10	25.40
265	45	13.72	18	45.72	305	52	15.85	24	60.96	345	45	13.72	14	35.56
266	55	16.76	24	60.96	306	30	9.14	14	35.56	346	32	9.75	15	38.10
267	50	15.24	20	50.80	307	28	8.53	13	33.02	347	55	16.76	20	50.80
268	35	10.67	13	33.02	308	55	16.76	25	63.50	348	25	7.62	12	30.48
269	30	9.14	12	30.48	309	40	12.19	21	53.34	349	45	13.72	15	38.10
270	55	16.76	20	50.80	310	35	10.67	15	38.10	350	35	10.67	10	25.40
271	20	6.10	10	25.40	311	25	7.62	11	27.94	351	55	16.76	21	53.34
272	22	6.71	10	25.40	312	25	7.62	11	27.94	352	65	19.81	25	63.50
273	20	6.10	10	25.40	313	20	6.10	10	25.40	353	35	10.67	20	50.80
274	15	4.57	10	25.40	314	45	13.72	35	88.90	354	35	10.67	14	35.56
275	20	6.10	10	25.40	315	40	12.19	13	33.02	355	25	7.62	11	27.94
276	15	4.57	10	25.40	316	35	10.67	13	33.02	356	55	16.76	15	38.10
277	25	7.62	11	27.94	317	55	16.76	20	50.80	357	35	10.67	13	33.02
278	30	9.14	15	38.10	318	45	13.72	16	40.64	358	55	16.76	20	50.80
279	40	12.19	16	40.64	319	23	7.01	10	25.40	359	22	6.71	10	25.40
280	25	7.62	10	25.40	320	30	9.14	15	38.10	360	40	12.19	15	38.10

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	15	4.57	10	25.40	401	40	12.19	15	38.10	441	55	16.76	15	38.10
362	20	6.10	12	30.48	402	45	13.72	15	38.10	442	20	6.10	15	38.10
363	24	7.32	11	27.94	403	35	10.67	16	40.64	443	15	4.57	10	25.40
364	55	16.76	15	38.10	404	15	4.57	10	25.40	444	25	7.62	10	25.40
365	25	7.62	13	33.02	405	28	8.53	12	30.48	445	20	6.10	10	25.40
366	42	12.80	13	33.02	406	20	6.10	11	27.94	446	52	15.85	18	45.72
367	18	5.49	10	25.40	407	20	6.10	10	25.40	447	20	6.10	15	38.10
368	15	4.57	10	25.40	408	40	12.19	15	38.10	448	55	16.76	20	50.80
369	27	8.23	12	30.48	409	35	10.67	15	38.10	449	25	7.62	12	30.48
370	15	4.57	10	25.40	410	50	15.24	22	55.88	450	30	9.14	12	30.48
371	30	9.14	12	30.48	411	55	16.76	23	58.42	451	27	8.23	12	30.48
372	15	4.57	10	25.40	412	30	9.14	13	33.02	452	35	10.67	10	25.40
373	27	8.23	11	27.94	413	20	6.10	10	25.40	453	40	12.19	15	38.10
374	34	10.36	15	38.10	414	40	12.19	13	33.02	454	38	11.58	15	38.10
375	16	4.88	10	25.40	415	38	11.58	16	40.64	455	40	12.19	25	63.50
376	24	7.32	12	30.48	416	15	4.57	10	25.40	456	25	7.62	10	25.40
377	35	10.67	15	38.10	417	45	13.72	17	43.18	457	25	7.62	15	38.10
378	34	10.36	14	35.56	418	26	7.92	12	30.48	458	15	4.57	10	25.40
379	18	5.49	11	27.94	419	28	8.53	16	40.64	459	55	16.76	20	50.80
380	22	6.71	10	25.40	420	35	10.67	15	38.10	460	28	8.53	12	30.48
381	55	16.76	20	50.80	421	40	12.19	16	40.64	461	22	6.71	10	25.40
382	60	18.29	30	76.20	422	40	12.19	15	38.10	462	30	9.14	10	25.40
383	20	6.10	10	25.40	423	45	13.72	16	40.64	463	55	16.76	20	50.80
384	35	10.67	15	38.10	424	40	12.19	16	40.64	464	60	18.29	20	50.80
385	25	7.62	15	38.10	425	35	10.67	12	30.48	465	12	3.66	10	25.40
386	40	12.19	17	43.18	426	35	10.67	13	33.02	466	15	4.57	10	25.40
387	55	16.76	20	50.80	427	55	16.76	20	50.80	467	25	7.62	15	38.10
388	25	7.62	13	33.02	428	45	13.72	15	38.10	468	42	12.80	17	43.18
389	15	4.57	10	25.40	429	45	13.72	17	43.18	469	20	6.10	15	38.10
390	40	12.19	12	30.48	430	35	10.67	15	38.10	470	40	12.19	12	30.48
391	38	11.58	13	33.02	431	55	16.76	15	38.10	471	15	4.57	10	25.40
392	15	4.57	10	25.40	432	52	15.85	15	38.10	472	55	16.76	15	38.10
393	30	9.14	12	30.48	433	28	8.53	14	35.56	473	46	14.02	22	55.88
394	20	6.10	15	38.10	434	25	7.62	14	35.56	474	28	8.53	13	33.02
395	45	13.72	17	43.18	435	28	8.53	11	27.94	475	35	10.67	16	40.64
396	15	4.57	10	25.40	436	40	12.19	30	76.20	476	35	10.67	10	25.40
397	40	12.19	15	38.10	437	45	13.72	17	43.18	477	55	16.76	20	50.80
398	55	16.76	20	50.80	438	42	12.80	16	40.64	478	42	12.80	18	45.72
399	35	10.67	14	35.56	439	45	13.72	25	63.50	479	20	6.10	15	38.10
400	22	6.71	10	25.40	440	20	6.10	10	25.40	480	55	16.76	20	50.80

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	60	18.29	26	66.04	521	55	16.76	26	66.04	561	14	4.27	13	33.02
482	25	7.62	10	25.40	522	55	16.76	15	38.10	562	15	4.57	10	25.40
483	25	7.62	10	25.40	523	45	13.72	17	43.18	563	45	13.72	16	40.64
484	35	10.67	15	38.10	524	40	12.19	16	40.64	564	55	16.76	25	63.50
485	20	6.10	10	25.40	525	35	10.67	13	33.02	565	27	8.23	10	25.40
486	55	16.76	15	38.10	526	40	12.19	18	45.72	566	30	9.14	11	27.94
487	45	13.72	16	40.64	527	35	10.67	15	38.10	567	35	10.67	15	38.10
488	42	12.80	17	43.18	528	20	6.10	10	25.40	568	15	4.57	10	25.40
489	18	5.49	11	27.94	529	25	7.62	11	27.94	569	45	13.72	15	38.10
490	15	4.57	10	25.40	530	45	13.72	19	48.26	570	48	14.63	16	40.64
491	40	12.19	15	38.10	531	45	13.72	19	48.26	571	25	7.62	10	25.40
492	35	10.67	10	25.40	532	36	10.97	12	30.48	572	36	10.97	14	35.56
493	55	16.76	15	38.10	533	25	7.62	14	35.56	573	25	7.62	10	25.40
494	35	10.67	19	48.26	534	26	7.92	10	25.40	574	19	5.79	15	38.10
495	25	7.62	11	27.94	535	22	6.71	10	25.40	575	35	10.67	11	27.94
496	50	15.24	15	38.10	536	35	10.67	11	27.94	576	18	5.49	11	27.94
497	45	13.72	18	45.72	537	50	15.24	23	58.42	577	28	8.53	18	45.72
498	15	4.57	10	25.40	538	15	4.57	10	25.40	578	45	13.72	15	38.10
499	40	12.19	20	50.80	539	30	9.14	10	25.40	579	20	6.10	10	25.40
500	42	12.80	19	48.26	540	45	13.72	15	38.10	580	45	13.72	22	55.88
501	20	6.10	15	38.10	541	26	7.92	10	25.40	581	50	15.24	15	38.10
502	45	13.72	15	38.10	542	55	16.76	20	50.80	582	55	16.76	20	50.80
503	45	13.72	13	33.02	543	48	14.63	21	53.34	583	15	4.57	10	25.40
504	40	12.19	15	38.10	544	45	13.72	15	38.10	584	25	7.62	11	27.94
505	55	16.76	19	48.26	545	55	16.76	15	38.10	585	23	7.01	11	27.94
506	42	12.80	18	45.72	546	25	7.62	10	25.40	586	45	13.72	20	50.80
507	40	12.19	15	38.10	547	27	8.23	14	35.56	587	30	9.14	13	33.02
508	45	13.72	23	58.42	548	45	13.72	17	43.18	588	35	10.67	13	33.02
509	40	12.19	17	43.18	549	36	10.97	12	30.48	589	45	13.72	14	35.56
510	24	7.32	11	27.94	550	45	13.72	12	30.48	590	25	7.62	15	38.10
511	50	15.24	30	76.20	551	28	8.53	10	25.40	591	20	6.10	10	25.40
512	36	10.97	12	30.48	552	45	13.72	17	43.18	592	55	16.76	20	50.80
513	42	12.80	14	35.56	553	35	10.67	15	38.10	593	36	10.97	16	40.64
514	20	6.10	10	25.40	554	30	9.14	12	30.48	594	24	7.32	10	25.40
515	15	4.57	10	25.40	555	20	6.10	10	25.40	595	55	16.76	15	38.10
516	38	11.58	14	35.56	556	22	6.71	16	40.64	596	40	12.19	21	53.34
517	45	13.72	14	35.56	557	40	12.19	12	30.48	597	15	4.57	10	25.40
518	45	13.72	14	35.56	558	45	13.72	16	40.64	598	30	9.14	13	33.02
519	15	4.57	10	25.40	559	55	16.76	25	63.50	599	55	16.76	20	50.80
520	40	12.19	21	53.34	560	15	4.57	10	25.40	600	28	8.53	11	27.94

Shorea robusta / (Sal)													
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	25	7.62	11	27.94	641	20	6.10	10	25.40	681	58	17.68	25	63.50
602	50	15.24	23	58.42	642	45	13.72	15	38.10	682	65	19.81	23	58.42
603	45	13.72	17	43.18	643	20	6.10	10	25.40	683	15	4.57	10	25.40
604	23	7.01	10	25.40	644	25	7.62	10	25.40	684	55	16.76	20	50.80
605	25	7.62	10	25.40	645	30	9.14	10	25.40	685	28	8.53	12	30.48
606	52	15.85	26	66.04	646	28	8.53	12	30.48	686	32	9.75	12	30.48
607	35	10.67	13	33.02	647	35	10.67	13	33.02	687	36	10.97	16	40.64
608	23	7.01	11	27.94	648	30	9.14	10	25.40	688	50	15.24	20	50.80
609	45	13.72	22	55.88	649	45	13.72	15	38.10	689	20	6.10	10	25.40
610	20	6.10	10	25.40	650	35	10.67	15	38.10	690	20	6.10	15	38.10
611	55	16.76	20	50.80	651	40	12.19	15	38.10	691	30	9.14	10	25.40
612	40	12.19	21	53.34	652	40	12.19	13	33.02	692	22	6.71	10	25.40
613	20	6.10	10	25.40	653	52	15.85	20	50.80	693	35	10.67	10	25.40
614	15	4.57	10	25.40	654	15	4.57	10	25.40	694	40	12.19	15	38.10
615	55	16.76	20	50.80	655	40	12.19	11	27.94	695	30	9.14	12	30.48
616	40	12.19	13	33.02	656	40	12.19	16	40.64	696	55	16.76	15	38.10
617	45	13.72	16	40.64	657	45	13.72	19	48.26	697	20	6.10	10	25.40
618	40	12.19	13	33.02	658	40	12.19	24	60.96	698	55	16.76	20	50.80
619	20	6.10	10	25.40	659	55	16.76	22	55.88	699	20	6.10	10	25.40
620	35	10.67	11	27.94	660	60	18.29	15	38.10	700	40	12.19	19	48.26
621	35	10.67	10	25.40	661	8	2.44	10	25.40	701	35	10.67	17	43.18
622	45	13.72	17	43.18	662	15	4.57	10	25.40	702	30	9.14	10	25.40
623	35	10.67	10	25.40	663	55	16.76	20	50.80	703	38	11.58	10	25.40
624	20	6.10	10	25.40	664	55	16.76	15	38.10	704	20	6.10	10	25.40
625	18	5.49	10	25.40	665	35	10.67	15	38.10	705	42	12.80	18	45.72
626	28	8.53	12	30.48	666	45	13.72	15	38.10	706	55	16.76	20	50.80
627	46	14.02	16	40.64	667	40	12.19	13	33.02	707	30	9.14	11	27.94
628	55	16.76	15	38.10	668	45	13.72	21	53.34	708	45	13.72	14	35.56
629	20	6.10	10	25.40	669	45	13.72	15	38.10	709	36	10.97	16	40.64
630	35	10.67	13	33.02	670	55	16.76	15	38.10	710	45	13.72	14	35.56
631	38	11.58	16	40.64	671	35	10.67	19	48.26	711	40	12.19	16	40.64
632	35	10.67	15	38.10	672	42	12.80	17	43.18	712	45	13.72	15	38.10
633	28	8.53	14	35.56	673	34	10.36	12	30.48	713	35	10.67	17	43.18
634	20	6.10	10	25.40	674	34	10.36	12	30.48	714	26	7.92	13	33.02
635	45	13.72	16	40.64	675	45	13.72	23	58.42	715	25	7.62	10	25.40
636	30	9.14	10	25.40	676	15	4.57	10	25.40	716	55	16.76	15	38.10
637	20	6.10	10	25.40	677	45	13.72	15	38.10	717	15	4.57	10	25.40
638	35	10.67	10	25.40	678	35	10.67	15	38.10	718	20	6.10	10	25.40
639	35	10.67	15	38.10	679	45	13.72	14	35.56	719	30	9.14	10	25.40
640	22	6.71	10	25.40	680	55	16.76	20	50.80	720	55	16.76	20	50.80

KANKSA

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	55	16.76	15	38.10	1	15	4.57	10	25.40	41	60	18.29	10	25.40
722	25	7.62	10	25.40	2	25	7.62	20	50.80	42	25	7.62	10	25.40
723	50	15.24	20	50.80	3	15	4.57	10	25.40	43	35	10.67	12	30.48
724	40	12.19	17	43.18	4	28	8.53	13	33.02	44	25	7.62	10	25.40
725	40	12.19	21	53.34	5	30	9.14	20	50.80	45	15	4.57	10	25.40
726	30	9.14	15	38.10	6	15	4.57	10	25.40	46	45	13.72	13	33.02
727	32	9.75	15	38.10	7	16	4.88	10	25.40	47	55	16.76	25	63.50
728	15	4.57	10	25.40	8	35	10.67	17	43.18	48	50	15.24	30	76.20
729	50	15.24	20	50.80	9	30	9.14	16	40.64	49	45	13.72	14	35.56
730	48	14.63	16	40.64	10	15	4.57	10	25.40	50	20	6.10	10	25.40
731	45	13.72	16	40.64	11	28	8.53	14	35.56	51	32	9.75	16	40.64
732	15	4.57	10	25.40	12	35	10.67	16	40.64	52	35	10.67	17	43.18
733	22	6.71	10	25.40	13	40	12.19	17	43.18	53	30	9.14	16	40.64
734	42	12.80	19	48.26	14	25	7.62	18	45.72	54	35	10.67	14	35.56
735	30	9.14	12	30.48	15	25	7.62	10	25.40	55	35	10.67	13	33.02
736	55	16.76	25	63.50	16	45	13.72	18	45.72	56	30	9.14	10	25.40
737	52	15.85	23	58.42	17	32	9.75	10	25.40	57	25	7.62	10	25.40
738	22	6.71	10	25.40	18	50	15.24	30	76.20	58	20	6.10	10	25.40
739	25	7.62	10	25.40	19	15	4.57	10	25.40	59	14	4.27	10	25.40
740	28	8.53	10	25.40	20	22	6.71	12	30.48	60	35	10.67	15	38.10
741	40	12.19	15	38.10	21	17	5.18	12	30.48	61	20	6.10	10	25.40
742	60	18.29	21	53.34	22	42	12.80	21	53.34	62	20	6.10	10	25.40
743	55	16.76	20	50.80	23	15	4.57	10	25.40	63	34	10.36	16	40.64
744	20	6.10	10	25.40	24	12	3.66	10	25.40	64	22	6.71	10	25.40
745	61	18.59	26	66.04	25	45	13.72	13	33.02	65	32	9.75	15	38.10
746	55	16.76	18	45.72	26	30	9.14	12	30.48	66	15	4.57	10	25.40
747	50	15.24	23	58.42	27	20	6.10	10	25.40	67	30	9.14	13	33.02
748	50	15.24	15	38.10	28	30	9.14	12	30.48	68	26	7.92	11	27.94
749	55	16.76	24	60.96	29	15	4.57	10	25.40	69	15	4.57	10	25.40
750	50	15.24	21	53.34	30	15	4.57	10	25.40	70	25	7.62	10	25.40
751	38	11.58	19	48.26	31	28	8.53	10	25.40	71	38	11.58	11	27.94
752	55	16.76	20	50.80	32	55	16.76	15	38.10	72	35	10.67	13	33.02
					33	17	5.18	10	25.40	73	32	9.75	13	33.02
					34	25	7.62	17	43.18	74	25	7.62	10	25.40
					35	25	7.62	10	25.40	75	45	13.72	16	40.64
					36	25	7.62	10	25.40	76	40	12.19	16	40.64
					37	22	6.71	10	25.40	77	25	7.62	14	35.56
					38	45	13.72	17	43.18	78	20	6.10	10	25.40
					39	45	13.72	14	35.56	79	55	16.76	15	38.10
					40	55	16.76	20	50.80	80	34	10.36	12	30.48

KANKSA

Shorea robusta / (Sal)										*Madhuca latifolia* / (Mahua)				
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
81	20	6.10	10	25.40	121	30	9.14	10	25.40	1	15	4.57	10	25.40
82	55	16.76	20	50.80	122	30	9.14	10	25.40	2	30	9.14	17	43.18
83	25	7.62	10	25.40	123	28	8.53	12	30.48	3	20	6.10	15	38.10
84	45	13.72	16	40.64	124	25	7.62	10	25.40	4	30	9.14	20	50.80
85	25	7.62	10	25.40	125	28	8.53	12	30.48	5	15	4.57	10	25.40
86	15	4.57	10	25.40	126	20	6.10	10	25.40	6	30	9.14	15	38.10
87	20	6.10	15	38.10	127	30	9.14	15	38.10	7	20	6.10	15	38.10
88	20	6.10	15	38.10	128	20	6.10	12	30.48	8	30	9.14	20	50.80
89	45	13.72	15	38.10	129	50	15.24	20	50.80	9	20	6.10	15	38.10
90	28	8.53	13	33.02	130	40	12.19	15	38.10	10	40	12.19	19	48.26
91	35	10.67	15	38.10	131	45	13.72	21	53.34	11	25	7.62	10	25.40
92	25	7.62	15	38.10						12	18	5.49	10	25.40
93	30	9.14	15	38.10						13	20	6.10	15	38.10
94	28	8.53	12	30.48						14	20	6.10	15	38.10
95	40	12.19	16	40.64	*Semecarpas anacardium* / (Vella)					15	25	7.62	14	35.56
96	22	6.71	10	25.40	SL.NO.	Height		Girth		16	30	9.14	11	27.94
97	30	9.14	13	33.02		(ft)	(m)	(inch)	(cm)	17	18	5.49	10	25.40
98	35	10.67	15	38.10	1	20	6.10	10	25.40	18	20	6.10	15	38.10
99	55	16.76	20	50.80	2	20	6.10	10	25.40	19	30	9.14	12	30.48
100	40	12.19	14	35.56	3	25	7.62	10	25.40	20	10	3.05	13	33.02
101	40	12.19	20	50.80	4	25	7.62	15	38.10	21	25	7.62	15	38.10
102	15	4.57	10	25.40	5	22	6.71	10	25.40	22	35	10.67	17	43.18
103	20	6.10	10	25.40	6	16	4.88	7	17.78	23	38	11.58	17	43.18
104	20	6.10	10	25.40	7	15	4.57	10	25.40	24	28	8.53	13	33.02
105	32	9.75	17	43.18	8	15	4.57	12	30.48	25	45	13.72	20	50.80
106	20	6.10	15	38.10	9	28	8.53	10	25.40	26	35	10.67	20	50.80
107	25	7.62	15	38.10	10	16	4.88	11	27.94	27	30	9.14	14	35.56
108	20	6.10	10	25.40						28	55	16.76	10	25.40
109	22	6.71	10	25.40						29	35	10.67	15	38.10
110	35	10.67	13	33.02						30	38	11.58	17	43.18
111	40	12.19	23	58.42	*Sterospermum suaveolens* / (Parul)					31	15	4.57	10	25.40
112	38	11.58	21	53.34	SL.NO.	Height		Girth		32	25	7.62	13	33.02
113	25	7.62	10	25.40		(ft)	(m)	(inch)	(cm)	33	20	6.10	15	38.10
114	15	4.57	10	25.40	1	15	4.57	10	25.40	34	22	6.71	11	27.94
115	40	12.19	15	38.10						35	45	13.72	15	38.10
116	20	6.10	10	25.40						36	25	7.62	10	25.40
117	45	13.72	16	40.64						37	35	10.67	19	48.26
118	22	6.71	12	30.48						38	50	15.24	30	76.20
119	45	13.72	15	38.10						39	25	7.62	20	50.80
120	40	12.19	17	43.18						40	15	4.57	10	25.40

KANKSA

Madhuca latifolia / (Mahua)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	35	10.67	17	43.18
42	20	6.10	15	38.10
43	20	6.10	10	25.40
44	35	10.67	16	40.64
45	45	13.72	16	40.64
46	30	9.14	10	25.40
47	35	10.67	16	40.64
48	15	4.57	10	25.40
49	15	4.57	10	25.40
50	20	6.10	15	38.10
51	25	7.62	10	25.40
52	10	3.05	10	25.40
53	15	4.57	10	25.40
54	15	4.57	10	25.40
55	36	10.97	14	35.56
56	40	12.19	18	45.72
57	20	6.10	10	25.40
58	35	10.67	10	25.40
59	20	6.10	10	25.40
60	28	8.53	11	27.94
61	34	10.36	11	27.94
62	20	6.10	10	25.40
63	20	6.10	10	25.40
64	28	8.53	12	30.48
65	40	12.19	23	58.42
66	15	4.57	10	25.40
67	15	4.57	10	25.40
68	35	10.67	14	35.56
69	20	6.10	10	25.40
70	20	6.10	10	25.40
71	55	16.76	15	38.10
72	35	10.67	10	25.40
73	30	9.14	10	25.40
74	15	4.57	10	25.40
75	28	8.53	18	45.72
76	35	10.67	17	43.18
77	18	5.49	10	25.40

Buchanania lanzan / (Piyal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	15	4.57	10	25.40
3	50	15.24	30	76.20
4	15	4.57	10	25.40
5	45	13.72	11	27.94
6	32	9.75	18	45.72
7	45	13.72	17	43.18
8	10	3.05	11	27.94
9	15	4.57	10	25.40
10	25	7.62	13	33.02
11	15	4.57	10	25.40
12	45	13.72	16	40.64
13	23	7.01	11	27.94
14	20	6.10	10	25.40
15	45	13.72	15	38.10
16	20	6.10	11	27.94
17	14	4.27	9	22.86

Dillenia pentagyna / (Bon Chalta)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	13	33.02
2	25	7.62	17	43.18

Lannea coromandelica / (Geol/Doka)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48
2	15	4.57	10	25.40
3	12	3.66	10	25.40
4	11	3.35	10	25.40
5	27	8.23	11	27.94
6	15	4.57	11	27.94
7	15	4.57	11	27.94
8	17	5.18	11	27.94
9	17	5.18	10	25.40
10	14	4.27	10	25.40
11	25	7.62	11	27.94
12	13	3.96	10	25.40
13	16	4.88	10	25.40
14	15	4.57	10	25.40
15	17	5.18	10	25.40
16	15	4.57	10	25.40
17	17	5.18	11	27.94
18	10	3.05	9	22.86
19	15	4.57	9	22.86
20	20	6.10	12	30.48

Terminalia tomentosa / (Ason)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	18	5.49	10	25.40
3	25	7.62	10	25.40
4	10	3.05	10	25.40
5	22	6.71	10	25.40
6	25	7.62	10	25.40
7	17	5.18	8	20.32
8	20	6.10	15	38.10
9	25	7.62	10	25.40
10	15	4.57	10	25.40
11	15	4.57	9	22.86
12	14	4.27	9	22.86
13	16	4.88	8	20.32

TIRAT-ASANSOLE

Titat-Asansole SP 4

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	28	8.53	14	35.56	41	18	5.49	12	30.48	81	28	8.53	12	30.48
2	30	9.14	19	48.26	42	50	15.24	42	106.68	82	30	9.14	25	63.50
3	36	10.97	23	58.42	43	35	10.67	27	68.58	83	35	10.67	24	60.96
4	20	6.10	17	43.18	44	40	12.19	29	73.66	84	25	7.62	12	30.48
5	30	9.14	20	50.80	45	35	10.67	29	73.66	85	26	7.92	12	30.48
6	20	6.10	10	25.40	46	25	7.62	17	43.18	86	45	13.72	28	71.12
7	20	6.10	10	25.40	47	35	10.67	21	53.34	87	42	12.80	32	81.28
8	30	9.14	20	50.80	48	40	12.19	42	106.68	88	35	10.67	18	45.72
9	35	10.67	26	66.04	49	50	15.24	22	55.88	89	19	5.79	10	25.40
10	20	6.10	10	25.40	50	40	12.19	28	71.12	90	25	7.62	14	35.56
11	30	9.14	20	50.80	51	21	6.40	12	30.48	91	20	6.10	13	33.02
12	40	12.19	36	91.44	52	30	9.14	23	58.42	92	25	7.62	13	33.02
13	30	9.14	12	30.48	53	30	9.14	18	45.72	93	40	12.19	28	71.12
14	42	12.80	37	93.98	54	32	9.75	16	40.64	94	35	10.67	24	60.96
15	45	13.72	33	83.82	55	25	7.62	20	50.80	95	30	9.14	20	50.80
16	25	7.62	12	30.48	56	20	6.10	22	55.88	96	40	12.19	30	76.20
17	35	10.67	28	71.12	57	35	10.67	28	71.12	97	45	13.72	30	76.20
18	25	7.62	12	30.48	58	40	12.19	29	73.66	98	30	9.14	25	63.50
19	25	7.62	13	33.02	59	25	7.62	20	50.80	99	33	10.06	27	68.58
20	30	9.14	20	50.80	60	15	4.57	10	25.40	100	45	13.72	30	76.20
21	35	10.67	28	71.12	61	50	15.24	38	96.52	101	32	9.75	20	50.80
22	40	12.19	31	78.74	62	25	7.62	19	48.26	102	35	10.67	20	50.80
23	27	8.23	12	30.48	63	40	12.19	32	81.28	103	37	11.28	23	58.42
24	38	11.58	34	86.36	64	36	10.97	28	71.12	104	35	10.67	21	53.34
25	30	9.14	21	53.34	65	40	12.19	33	83.82	105	36	10.97	20	50.80
26	33	10.06	12	30.48	66	30	9.14	22	55.88	106	30	9.14	20	50.80
27	35	10.67	17	43.18	67	42	12.80	29	73.66	107	28	8.53	18	45.72
28	42	12.80	28	71.12	68	34	10.36	26	66.04	108	26	7.92	12	30.48
29	45	13.72	32	81.28	69	34	10.36	23	58.42	109	40	12.19	26	66.04
30	40	12.19	28	71.12	70	20	6.10	17	43.18	110	27	8.23	12	30.48
31	41	12.50	28	71.12	71	28	8.53	16	40.64	111	25	7.62	17	43.18
32	25	7.62	12	30.48	72	18	5.49	10	25.40	112	34	10.36	32	81.28
33	25	7.62	14	35.56	73	35	10.67	24	60.96	113	35	10.67	20	50.80
34	22	6.71	13	33.02	74	45	13.72	35	88.90	114	18	5.49	11	27.94
35	20	6.10	13	33.02	75	27	8.23	15	38.10	115	52	15.85	30	76.20
36	35	10.67	24	60.96	76	35	10.67	22	55.88	116	27	8.23	12	30.48
37	17	5.18	10	25.40	77	42	12.80	34	86.36	117	38	11.58	34	86.36
38	25	7.62	18	45.72	78	30	9.14	14	35.56	118	22	6.71	12	30.48
39	30	9.14	22	55.88	79	20	6.10	14	35.56	119	26	7.92	13	33.02
40	36	10.97	28	71.12	80	27	8.23	18	45.72	120	42	12.80	28	71.12

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	25	7.62	15	38.10	161	45	13.72	21	53.34	201	20	6.10	13	33.02
122	42	12.80	29	73.66	162	20	6.10	14	35.56	202	60	18.29	40	101.60
123	30	9.14	18	45.72	163	40	12.19	26	66.04	203	40	12.19	40	101.60
124	36	10.97	21	53.34	164	14	4.27	12	30.48	204	32	9.75	18	45.72
125	23	7.01	12	30.48	165	16	4.88	10	25.40	205	40	12.19	16	40.64
126	26	7.92	18	45.72	166	25	7.62	15	38.10	206	22	6.71	20	50.80
127	20	6.10	12	30.48	167	17	5.18	10	25.40	207	35	10.67	20	50.80
128	25	7.62	15	38.10	168	38	11.58	23	58.42	208	30	9.14	16	40.64
129	30	9.14	17	43.18	169	16	4.88	12	30.48	209	40	12.19	18	45.72
130	20	6.10	12	30.48	170	50	15.24	29	73.66	210	50	15.24	22	55.88
131	28	8.53	15	38.10	171	50	15.24	17	43.18	211	60	18.29	29	73.66
132	30	9.14	20	50.80	172	20	6.10	20	50.80	212	25	7.62	15	38.10
133	25	7.62	20	50.80	173	32	9.75	15	38.10	213	20	6.10	12	30.48
134	28	8.53	21	53.34	174	25	7.62	12	30.48	214	16	4.88	13	33.02
135	50	15.24	26	66.04	175	22	6.71	14	35.56	215	20	6.10	14	35.56
136	18	5.49	13	33.02	176	30	9.14	24	60.96	216	25	7.62	17	43.18
137	25	7.62	16	40.64	177	50	15.24	10	25.40	217	24	7.32	13	33.02
138	48	14.63	36	91.44	178	18	5.49	19	48.26	218	60	18.29	35	88.90
139	35	10.67	27	68.58	179	30	9.14	28	71.12	219	35	10.67	14	35.56
140	40	12.19	24	60.96	180	50	15.24	30	76.20	220	30	9.14	15	38.10
141	22	6.71	16	40.64	181	45	13.72	16	40.64	221	35	10.67	18	45.72
142	25	7.62	15	38.10	182	20	6.10	16	40.64	222	22	6.71	17	43.18
143	30	9.14	19	48.26	183	30	9.14	15	38.10	223	20	6.10	20	50.80
144	40	12.19	23	58.42	184	25	7.62	37	93.98	224	35	10.67	22	55.88
145	26	7.92	18	45.72	185	55	16.76	23	58.42	225	23	7.01	14	35.56
146	25	7.62	21	53.34	186	35	10.67	12	30.48	226	25	7.62	15	38.10
147	30	9.14	14	35.56	187	18	5.49	21	53.34	227	35	10.67	14	35.56
148	18	5.49	12	30.48	188	45	13.72	21	53.34	228	55	16.76	30	76.20
149	27	8.23	12	30.48	189	40	12.19	20	50.80	229	35	10.67	18	45.72
150	20	6.10	11	27.94	190	35	10.67	19	48.26	230	35	10.67	15	38.10
151	30	9.14	16	40.64	191	30	9.14	16	40.64	231	20	6.10	17	43.18
152	45	13.72	31	78.74	192	16	4.88	10	25.40	232	25	7.62	39	99.06
153	25	7.62	15	38.10	193	20	6.10	30	76.20	233	22	6.71	18	45.72
154	23	7.01	14	35.56	194	40	12.19	21	53.34	234	30	9.14	17	43.18
155	20	6.10	12	30.48	195	45	13.72	24	60.96	235	30	9.14	20	50.80
156	30	9.14	20	50.80	196	45	13.72	22	55.88	236	30	9.14	19	48.26
157	40	12.19	22	55.88	197	42	12.80	16	40.64	237	30	9.14	14	35.56
158	45	13.72	25	63.50	198	30	9.14	12	30.48	238	25	7.62	10	25.40
159	44	13.41	20	50.80	199	16	4.88	11	27.94	239	40	12.19	17	43.18
160	45	13.72	16	40.64	200	40	12.19	26	66.04	240	30	9.14	18	45.72

TIRAT-ASANSOLE

Shorea robusta / (Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
241	25	7.62	12	30.48
242	40	12.19	32	81.28
243	15	4.57	10	25.40
244	40	12.19	25	63.50
245	15	4.57	10	25.40
246	15	4.57	10	25.40
247	18	5.49	14	35.56
248	30	9.14	14	35.56
249	41	12.50	34	86.36
250	45	13.72	30	76.20
251	10	3.05	15	38.10
252	30	9.14	16	40.64
253	30	9.14	21	53.34

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	18	45.72
2	14	4.27	12	30.48
3	30	9.14	19	48.26
4	25	7.62	15	38.10
5	25	7.62	11	27.94
6	25	7.62	20	50.80
7	22	6.71	11	27.94
8	15	4.57	12	30.48

Gardenia latifolia / (Dombhurru)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	35	10.67	28	71.12

Antidesma ghaesembilla/ (Mathasuro)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	20	6.10	15	38.10
2	22	6.71	15	38.10
3	12	3.66	10	25.40

Madhuca latifolia / (Mahua)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	25	7.62	17	43.18	41	30	9.14	27	68.58					
2	25	7.62	12	30.48	42	25	7.62	18	45.72					
3	25	7.62	18	45.72	43	30	9.14	15	38.10					
4	30	9.14	25	63.50	44	18	5.49	10	25.40					
5	17	5.18	11	27.94	45	15	4.57	10	25.40					
6	17	5.18	11	27.94	46	15	4.57	12	30.48					
7	15	4.57	10	25.40	47	14	4.27	10	25.40					
8	27	8.23	16	40.64	48	18	5.49	11	27.94					
9	30	9.14	12	30.48	49	18	5.49	16	40.64					
10	20	6.10	14	35.56	50	26	7.92	18	45.72					
11	25	7.62	14	35.56	51	30	9.14	24	60.96					
12	28	8.53	18	45.72	52	35	10.67	19	48.26					
13	35	10.67	28	71.12	53	15	4.57	12	30.48					
14	26	7.92	15	38.10	54	37	11.28	18	45.72					
15	15	4.57	10	25.40	55	30	9.14	17	43.18					
16	30	9.14	22	55.88	56	30	9.14	17	43.18					
17	35	10.67	28	71.12	57	25	7.62	15	38.10					
18	30	9.14	28	71.12	58	27	8.23	15	38.10					
19	28	8.53	22	55.88	59	25	7.62	19	48.26					
20	20	6.10	13	33.02	60	30	9.14	15	38.10					
21	26	7.92	15	38.10	61	18	5.49	14	35.56					
22	25	7.62	16	40.64	62	40	12.19	18	45.72					
23	16	4.88	10	25.40	63	28	8.53	23	58.42					
24	30	9.14	30	76.20	64	20	6.10	17	43.18					
25	25	7.62	15	38.10	65	30	9.14	20	50.80					
26	35	10.67	30	76.20	66	20	6.10	12	30.48					
27	26	7.92	13	33.02	67	45	13.72	33	83.82					
28	15	4.57	10	25.40	68	40	12.19	21	53.34					
29	26	7.92	15	38.10	69	30	9.14	18	45.72					
30	30	9.14	32	81.28	70	30	9.14	22	55.88					
31	27	8.23	28	71.12	71	30	9.14	22	55.88					
32	26	7.92	18	45.72	72	30	9.14	28	71.12					
33	22	6.71	12	30.48	73	15	4.57	10	25.40					
34	35	10.67	35	88.90	74	35	10.67	26	66.04					
35	25	7.62	22	55.88	75	14	4.27	10	25.40					
36	32	9.75	26	66.04	76	30	9.14	27	68.58					
37	28	8.53	22	55.88	77	25	7.62	20	50.80					
38	26	7.92	17	43.18										
39	30	9.14	20	50.80										
40	26	7.92	15	38.10										

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)														
SL.	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
NO.	ft	m	inch	cm	NO.	ft	m	inch	cm	NO.	ft	m	inch	cm
1	15	4.57	12	30.48	41	18	5.49	11	27.94	81	17	5.18	10	25.40
2	15	4.57	13	33.02	42	20	6.10	12	30.48	82	18	5.49	11	27.94
3	16	4.88	10	25.40	43	15	4.57	12	30.48	83	15	4.57	10	25.40
4	20	6.10	12	30.48	44	20	6.10	10	25.40	84	17	5.18	11	27.94
5	17	5.18	10	25.40	45	19	5.79	11	27.94	85	20	6.10	10	25.40
6	20	6.10	13	33.02	46	18	5.49	10	25.40	86	15	4.57	14	35.56
7	15	4.57	10	25.40	47	15	4.57	10	25.40	87	20	6.10	14	35.56
8	15	4.57	10	25.40	48	17	5.18	13	33.02	88	17	5.18	12	30.48
9	13	3.96	10	25.40	49	19	5.79	10	25.40	89	25	7.62	14	35.56
10	19	5.79	12	30.48	50	25	7.62	18	45.72	90	20	6.10	12	30.48
11	14	4.27	12	30.48	51	16	4.88	10	25.40	91	15	4.57	10	25.40
12	17	5.18	11	27.94	52	30	9.14	17	43.18	92	20	6.10	10	25.40
13	25	7.62	12	30.48	53	20	6.10	16	40.64	93	18	5.49	11	27.94
14	25	7.62	16	40.64	54	20	6.10	10	25.40	94	15	4.57	10	25.40
15	22	6.71	15	38.10	55	21	6.40	12	30.48	95	20	6.10	13	33.02
16	20	6.10	14	35.56	56	15	4.57	10	25.40	96	17	5.18	13	33.02
17	15	4.57	13	33.02	57	20	6.10	17	43.18	97	19	5.79	11	27.94
18	17	5.18	11	27.94	58	15	4.57	10	25.40	98	15	4.57	10	25.40
19	25	7.62	16	40.64	59	15	4.57	10	25.40	99	16	4.88	10	25.40
20	25	7.62	12	30.48	60	15	4.57	17	43.18	100	16	4.88	11	27.94
21	15	4.57	10	25.40	61	18	5.49	10	25.40	101	20	6.10	15	38.10
22	14	4.27	10	25.40	62	15	4.57	10	25.40	102	20	6.10	14	35.56
23	12	3.66	10	25.40	63	30	9.14	28	71.12	103	19	5.79	11	27.94
24	14	4.27	10	25.40	64	20	6.10	12	30.48	104	15	4.57	10	25.40
25	15	4.57	10	25.40	65	17	5.18	10	25.40	105	18	5.49	11	27.94
26	23	7.01	12	30.48	66	13	3.96	10	25.40	106	15	4.57	10	25.40
27	14	4.27	10	25.40	67	19	5.79	10	25.40	107	20	6.10	12	30.48
28	22	6.71	10	25.40	68	15	4.57	10	25.40	108	32	9.75	13	33.02
29	27	8.23	13	33.02	69	20	6.10	12	30.48	109	26	7.92	17	43.18
30	16	4.88	10	25.40	70	22	6.71	12	30.48	110	16	4.88	10	25.40
31	15	4.57	10	25.40	71	17	5.18	10	25.40	111	15	4.57	10	25.40
32	26	7.92	13	33.02	72	15	4.57	10	25.40	112	17	5.18	10	25.40
33	30	9.14	16	40.64	73	20	6.10	12	30.48	113	25	7.62	15	38.10
34	15	4.57	10	25.40	74	25	7.62	15	38.10	114	20	6.10	13	33.02
35	24	7.32	13	33.02	75	25	7.62	13	33.02	115	25	7.62	18	45.72
36	17	5.18	10	25.40	76	16	4.88	10	25.40	116	20	6.10	15	38.10
37	18	5.49	11	27.94	77	20	6.10	13	33.02	117	16	4.88	10	25.40
38	15	4.57	12	30.48	78	19	5.79	11	27.94	118	20	6.10	11	27.94
39	20	6.10	12	30.48	79	17	5.18	10	25.40	119	25	7.62	15	38.10
40	16	4.88	10	25.40	80	15	4.57	10	25.40	120	20	6.10	11	27.94

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)														
SL.	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
NO.	ft	m	inch	cm	NO.	ft	m	inch	cm	NO.	ft	m	inch	cm
121	16	4.88	10	25.40	161	16	4.88	10	25.40	201	18	5.49	13	33.02
122	20	6.10	10	25.40	162	16	4.88	11	27.94	202	16	4.88	12	30.48
123	15	4.57	12	30.48	163	14	4.27	10	25.40	203	22	6.71	18	45.72
124	17	5.18	11	27.94	164	14	4.27	10	25.40	204	16	4.88	13	33.02
125	20	6.10	12	30.48	165	14	4.27	10	25.40	205	25	7.62	18	45.72
126	15	4.57	14	35.56	166	15	4.57	10	25.40	206	20	6.10	12	30.48
127	15	4.57	10	25.40	167	14	4.27	11	27.94	207	16	4.88	16	40.64
128	20	6.10	10	25.40	168	16	4.88	11	27.94	208	13	3.96	13	33.02
129	17	5.18	10	25.40	169	15	4.57	12	30.48	209	14	4.27	10	25.40
130	18	5.49	10	25.40	170	14	4.27	10	25.40	210	20	6.10	10	25.40
131	19	5.79	11	27.94	171	16	4.88	10	25.40	211	12	3.66	14	35.56
132	18	5.49	10	25.40	172	20	6.10	13	33.02	212	22	6.71	18	45.72
133	16	4.88	11	27.94	173	18	5.49	11	27.94	213	14	4.27	10	25.40
134	17	5.18	11	27.94	174	10	3.05	10	25.40	214	15	4.57	10	25.40
135	15	4.57	10	25.40	175	15	4.57	12	30.48	215	15	4.57	10	25.40
136	18	5.49	11	27.94	176	21	6.40	14	35.56	216	16	4.88	13	33.02
137	17	5.18	10	25.40	177	18	5.49	10	25.40	217	18	5.49	12	30.48
138	25	7.62	15	38.10	178	30	9.14	25	63.50	218	20	6.10	13	33.02
139	25	7.62	17	43.18	179	14	4.27	10	25.40	219	18	5.49	10	25.40
140	17	5.18	11	27.94	180	30	9.14	10	25.40	220	14	4.27	11	27.94
141	16	4.88	10	25.40	181	14	4.27	12	30.48	221	15	4.57	12	30.48
142	25	7.62	20	50.80	182	12	3.66	13	33.02	222	20	6.10	10	25.40
143	19	5.79	12	30.48	183	12	3.66	10	25.40	223	14	4.27	12	30.48
144	20	6.10	15	38.10	184	14	4.27	12	30.48	224	15	4.57	12	30.48
145	15	4.57	12	30.48	185	18	5.49	11	27.94	225	16	4.88	10	25.40
146	20	6.10	12	30.48	186	16	4.88	12	30.48	226	20	6.10	12	30.48
147	16	4.88	10	25.40	187	18	5.49	16	40.64	227	18	5.49	11	27.94
148	16	4.88	12	30.48	188	15	4.57	10	25.40	228	15	4.57	11	27.94
149	12	3.66	10	25.40	189	16	4.88	10	25.40	229	22	6.71	12	30.48
150	16	4.88	12	30.48	190	16	4.88	11	27.94	230	19	5.79	10	25.40
151	14	4.27	12	30.48	191	18	5.49	11	27.94	231	22	6.71	15	38.10
152	18	5.49	12	30.48	192	18	5.49	10	25.40	232	22	6.71	10	25.40
153	18	5.49	12	30.48	193	20	6.10	11	27.94	233	20	6.10	12	30.48
154	12	3.66	11	27.94	194	20	6.10	15	38.10	234	20	6.10	13	33.02
155	18	5.49	10	25.40	195	20	6.10	15	38.10	235	16	4.88	12	30.48
156	16	4.88	10	25.40	196	10	3.05	10	25.40	236	20	6.10	15	38.10
157	18	5.49	12	30.48	197	16	4.88	12	30.48	237	25	7.62	10	25.40
158	14	4.27	18	45.72	198	16	4.88	13	33.02	238	14	4.27	14	35.56
159	18	5.49	13	33.02	199	12	3.66	10	25.40	239	14	4.27	16	40.64
160	16	4.88	10	25.40	200	16	4.88	15	38.10	240	20	6.10	10	25.40

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
241	15	4.57	12	30.48
242	15	4.57	12	30.48
243	20	6.10	12	30.48
244	18	5.49	12	30.48
245	16	4.88	10	25.40
246	14	4.27	10	25.40
247	16	4.88	11	27.94
248	15	4.57	10	25.40
249	20	6.10	15	38.10
250	20	6.10	14	35.56
251	14	4.27	10	25.40
252	18	5.49	14	35.56
253	20	6.10	16	40.64
254	14	4.27	10	25.40
255	24	7.32	12	30.48
256	15	4.57	10	25.40

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	14	4.27	10	25.40
2	15	4.57	10	25.40
3	20	6.10	14	35.56

Dalbargia latifolia / (Sweti Sal)				
	Height		Girth	
SL.	ft	m	inch	cm
1	14	4.27	10	25.40
2	20	6.10	22	55.88
3	20	6.10	12	30.48

Butea monosperma / (Palash)				
	Height		Girth	
SL.	ft	m	inch	cm
1	18	5.49	16	40.64
2	28	8.53	17	43.18
3	26	7.92	23	58.42

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	40	101.60

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	14	4.27	10	25.40
2	25	7.62	20	50.80
3	16	4.88	10	25.40
4	16	4.88	11	27.94
5	17	5.18	11	27.94
6	18	5.49	12	30.48
7	16	4.88	10	25.40
8	14	4.27	10	25.40
9	14	4.27	11	27.94
10	18	5.49	10	25.40
11	18	5.49	10	25.40
12	16	4.88	10	25.40
13	18	5.49	12	30.48
14	17	5.18	14	35.56
15	18	5.49	12	30.48
16	18	5.49	10	25.40

Terminalia bellirica / (Bohera)				
	Height		Girth	
SL.	ft	m	inch	cm
1	30	9.14	20	50.80
2	20	6.10	10	25.40
3	16	4.88	12	30.48
4	30	9.14	22	55.88
5	25	7.62	30	76.20
6	25	7.62	18	45.72

Ziziphus mauritiana / (Kool)				
	Height		Girth	
SL.	ft	m	inch	cm
1	14	4.27	10	25.40

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	13	33.02
2	16	4.88	10	25.40
3	12	3.66	10	25.40
4	20	6.10	13	33.02
5	17	5.18	13	33.02
6	18	5.49	13	33.02
7	20	6.10	11	27.94
8	18	5.49	12	30.48
9	18	5.49	10	25.40
10	16	4.88	12	30.48
11	14	4.27	12	30.48
12	18	5.49	13	33.02
13	16	4.88	10	25.40
14	15	4.57	12	30.48
15	18	5.49	10	25.40
16	16	4.88	10	25.40
17	15	4.57	10	25.40
18	14	4.27	12	30.48
19	16	4.88	10	25.40
20	18	5.49	10	25.40
21	22	6.71	12	30.48
22	15	4.57	13	33.02
23	25	7.62	15	38.10
24	17	5.18	12	30.48
25	16	4.88	10	25.40
26	19	5.79	10	25.40
27	17	5.18	10	25.40
28	17	5.18	10	25.40
29	20	6.10	10	25.40
30	15	4.57	10	25.40
31	18	5.49	12	30.48
32	27	8.23	16	40.64
33	25	7.62	12	30.48
34	20	6.10	13	33.02
35	22	6.71	10	25.40
36	20	6.10	12	30.48
37	17	5.18	12	30.48
38	20	6.10	12	30.48

TIRAT-ASANSOLE

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	22	55.88
2	25	7.62	18	45.72
3	22	6.71	19	48.26
4	22	6.71	14	35.56
5	18	5.49	10	25.40
6	18	5.49	20	50.80
7	24	7.32	20	50.80
8	17	5.18	10	25.40
9	18	5.49	10	25.40

Lannea coromandelica / (Geol/Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	14	35.56
2	20	6.10	18	45.72
3	16	4.88	12	30.48
4	14	4.27	10	25.40
5	12	3.66	10	25.40
6	15	4.57	12	30.48
7	17	5.18	11	27.94
8	15	4.57	12	30.48
9	16	4.88	11	27.94

Symplocos recemosa / (Lodh)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	16	4.88	12	30.48
3	16	4.88	10	25.40
4	20	6.10	14	35.56
5	22	6.71	15	38.10
6	18	5.49	10	25.40
7	19	5.79	12	30.48
8	20	6.10	12	30.48

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	14	35.56
2	18	5.49	13	33.02
3	16	4.88	10	25.40
4	22	6.71	15	38.10
5	15	4.57	12	30.48
6	40	12.19	25	63.50
7	17	5.18	12	30.48
8	20	6.10	18	45.72
9	20	6.10	14	35.56
10	15	4.57	10	25.40
11	16	4.88	12	30.48
12	20	6.10	13	33.02
13	15	4.57	12	30.48
14	16	4.88	10	25.40
15	17	5.18	10	25.40
16	17	5.18	10	25.40
17	16	4.88	10	25.40
18	20	6.10	18	45.72
19	25	7.62	16	40.64
20	15	4.57	10	25.40
21	22	6.71	12	30.48
22	18	5.49	11	27.94
23	20	6.10	10	25.40
24	17	5.18	10	25.40
25	18	5.49	12	30.48
26	22	6.71	11	27.94
27	18	5.49	13	33.02
28	15	4.57	10	25.40
29	16	4.88	10	25.40
30	15	4.57	10	25.40

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	12	30.48
2	20	6.10	12	30.48
3	17	5.18	10	25.40
4	20	6.10	19	48.26
5	25	7.62	15	38.10

Bridelia retusa / (Kosai)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	17	43.18
2	20	6.10	20	50.80
3	18	5.49	12	30.48
4	16	4.88	10	25.40
5	20	6.10	13	33.02
6	25	7.62	15	38.10
7	25	7.62	16	40.64
8	19	5.79	11	27.94
9	25	7.62	18	45.72
10	17	5.18	10	25.40

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	12	30.48
2	15	4.57	10	25.40
3	16	4.88	10	25.40
4	20	6.10	15	38.10
5	20	6.10	13	33.02
6	16	4.88	15	38.10
7	15	4.57	10	25.40
8	25	7.62	16	40.64
9	18	5.49	18	45.72
10	14	4.27	12	30.48
11	14	4.27	10	25.40
12	16	4.88	10	25.40
13	16	4.88	10	25.40
14	19	5.79	12	30.48
15	25	7.62	14	35.56
16	15	4.57	10	25.40
17	20	6.10	14	35.56

Syzygium cumini / (Chudui)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48

TIRAT-ASANSOLE

Tirat-Asansole SP 6

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	31	78.74	41	38	11.58	27	68.58	81	22	6.71	16	40.64
2	35	10.67	27	68.58	42	40	12.19	24	60.96	82	25	7.62	15	38.10
3	16	4.88	10	25.40	43	25	7.62	18	45.72	83	30	9.14	19	48.26
4	30	9.14	20	50.80	44	20	6.10	18	45.72	84	40	12.19	23	58.42
5	25	7.62	16	40.64	45	35	10.67	27	68.58	85	26	7.92	18	45.72
6	55	16.76	33	83.82	46	30	9.14	23	58.42	86	25	7.62	21	53.34
7	35	10.67	27	68.58	47	30	9.14	26	66.04	87	30	9.14	14	35.56
8	23	7.01	20	50.80	48	39	11.89	28	71.12	88	18	5.49	12	30.48
9	35	10.67	28	71.12	49	38	11.58	28	71.12	89	27	8.23	12	30.48
10	30	9.14	20	50.80	50	35	10.67	26	66.04	90	20	6.10	11	27.94
11	25	7.62	11	27.94	51	22	6.71	21	53.34	91	30	9.14	16	40.64
12	30	9.14	20	50.80	52	17	5.18	11	27.94	92	45	13.72	31	78.74
13	17	5.18	20	50.80	53	35	10.67	14	35.56	93	25	7.62	15	38.10
14	20	6.10	18	45.72	54	35	10.67	24	60.96	94	23	7.01	14	35.56
15	20	6.10	10	25.40	55	30	9.14	25	63.50	95	20	6.10	12	30.48
16	35	10.67	28	71.12	56	35	10.67	26	66.04	96	30	9.14	20	50.80
17	20	6.10	10	25.40	57	25	7.62	18	45.72	97	30	9.14	22	55.88
18	30	9.14	25	63.50	58	15	4.57	12	30.48	98	45	13.72	26	66.04
19	20	6.10	14	35.56	59	35	10.67	26	66.04	99	44	13.41	20	50.80
20	16	4.88	10	25.40	60	58	17.68	34	86.36	100	25	7.62	16	40.64
21	35	10.67	20	50.80	61	30	9.14	25	63.50	101	45	13.72	21	53.34
22	30	9.14	22	55.88	62	23	7.01	20	50.80	102	20	6.10	14	35.56
23	23	7.01	12	30.48	63	30	9.14	24	60.96	103	40	12.19	26	66.04
24	16	4.88	11	27.94	64	35	10.67	22	55.88	104	14	4.27	12	30.48
25	25	7.62	12	30.48	65	40	12.19	36	91.44	105	16	4.88	10	25.40
26	30	9.14	18	45.72	66	40	12.19	27	68.58	106	25	7.62	15	38.10
27	40	12.19	28	71.12	67	30	9.14	26	66.04	107	17	5.18	10	25.40
28	25	7.62	21	53.34	68	26	7.92	15	38.10	108	20	6.10	13	33.02
29	25	7.62	13	33.02	69	38	11.58	22	55.88	109	55	16.76	40	101.60
30	25	7.62	12	30.48	70	30	9.14	35	88.90	110	40	12.19	40	101.60
31	40	12.19	35	88.90	71	35	10.67	24	60.96	111	32	9.75	18	45.72
32	30	9.14	25	63.50	72	23	7.01	12	30.48	112	40	12.19	16	40.64
33	16	4.88	23	58.42	73	19	5.79	11	27.94	113	22	6.71	20	50.80
34	35	10.67	23	58.42	74	35	10.67	25	63.50	114	35	10.67	20	50.80
35	30	9.14	18	45.72	75	50	15.24	26	66.04	115	30	9.14	16	40.64
36	35	10.67	26	66.04	76	18	5.49	13	33.02	116	40	12.19	18	45.72
37	25	7.62	10	25.40	77	25	7.62	16	40.64	117	50	15.24	22	55.88
38	36	10.97	27	68.58	78	48	14.63	36	91.44	118	25	7.62	29	73.66
39	52	15.85	30	76.20	79	35	10.67	27	68.58	119	20	6.10	15	38.10
40	35	10.67	27	68.58	80	40	12.19	24	60.96	120	16	4.88	12	30.48

TIRAT-ASANSOLE

Shorea robusta / (Sal)					*Buchanania lanzan* / (Piyal)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	20	6.10	13	33.02	1	10	3.05	10	25.40	41	22	6.71	12	30.48
122	25	7.62	14	35.56	2	12	3.66	12	30.48	42	25	7.62	13	33.02
123	24	7.32	17	43.18	3	11	3.35	11	27.94	43	25	7.62	12	30.48
124	60	18.29	13	33.02	4	15	4.57	10	25.40	44	16	4.88	11	27.94
125	35	10.67	35	88.90	5	20	6.10	12	30.48	45	12	3.66	10	25.40
126	30	9.14	14	35.56	6	23	7.01	10	25.40	46	16	4.88	12	30.48
127	35	10.67	15	38.10	7	15	4.57	10	25.40	47	16	4.88	10	25.40
128	22	6.71	18	45.72	8	15	4.57	10	25.40	48	16	4.88	11	27.94
129	20	6.10	17	43.18	9	20	6.10	11	27.94	49	12	3.66	15	38.10
130	35	10.67	20	50.80	10	20	6.10	10	25.40	50	23	7.01	12	30.48
131	23	7.01	22	55.88	11	20	6.10	11	27.94	51	20	6.10	11	27.94
132	25	7.62	14	35.56	12	20	6.10	13	33.02	52	16	4.88	12	30.48
133	35	10.67	15	38.10	13	25	7.62	10	25.40	53	12	3.66	10	25.40
134	55	16.76	14	35.56	14	15	4.57	11	27.94	54	16	4.88	12	30.48
135	35	10.67	30	76.20	15	19	5.79	16	40.64	55	14	4.27	12	30.48
136	35	10.67	18	45.72	16	20	6.10	10	25.40	56	18	5.49	12	30.48
137	20	6.10	15	38.10	17	20	6.10	11	27.94	57	18	5.49	12	30.48
138	25	7.62	17	43.18	18	20	6.10	10	25.40	58	12	3.66	11	27.94
139	22	6.71	13	33.02	19	16	4.88	13	33.02	59	18	5.49	10	25.40
140	30	9.14	17	43.18	20	20	6.10	10	25.40	60	16	4.88	10	25.40
141	30	9.14	20	50.80	21	16	4.88	10	25.40	61	18	5.49	12	30.48
142	30	9.14	19	48.26	22	17	5.18	12	30.48	62	14	4.27	18	45.72
143	30	9.14	14	35.56	23	23	7.01	13	33.02	63	18	5.49	13	33.02
144	25	7.62	10	25.40	24	15	4.57	10	25.40	64	16	4.88	10	25.40
145	40	12.19	17	43.18	25	20	6.10	13	33.02	65	16	4.88	10	25.40
146	30	9.14	18	45.72	26	20	6.10	12	30.48	66	16	4.88	11	27.94
147	25	7.62	12	30.48	27	15	4.57	13	33.02	67	14	4.27	10	25.40
148	40	12.19	32	81.28	28	25	7.62	10	25.40	68	14	4.27	10	25.40
149	15	4.57	10	25.40	29	15	4.57	11	27.94	69	14	4.27	10	25.40
150	40	12.19	25	63.50	30	22	6.71	10	25.40	70	16	4.88	110	279.40
151	15	4.57	10	25.40	31	17	5.18	12	30.48	71	15	4.57	11	27.94
152	15	4.57	10	25.40	32	20	6.10	13	33.02	72	14	4.27	11	27.94
153	18	5.49	14	35.56	33	18	5.49	13	33.02	73	16	4.88	12	30.48
154	30	9.14	14	35.56	34	19	5.79	12	30.48	74	20	6.10	10	25.40
155	41	12.50	34	86.36	35	25	7.62	13	33.02	75	18	5.49	10	25.40
156	45	13.72	30	76.20	36	15	4.57	10	25.40	76	10	3.05	13	33.02
157	10	3.05	15	38.10	37	15	4.57	10	25.40	77	15	4.57	11	27.94
					38	15	4.57	10	25.40	78	21	6.40	10	25.40
					39	17	5.18	10	25.40	79	18	5.49	12	30.48
					40	16	4.88	10	25.40	80	30	9.14	14	35.56

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
81	14	4.27	10	25.40	121	20	6.10	15	38.10	1	25	7.62	15	38.10
82	10	3.05	10	25.40	122	20	6.10	14	35.56	2	31	9.45	18	45.72
83	14	4.27	10	25.40	123	14	4.27	10	25.40	3	20	6.10	11	27.94
84	15	4.57	10	25.40	124	18	5.49	14	35.56	4	20	6.10	10	25.40
85	15	4.57	10	25.40	125	20	6.10	16	40.64	5	26	7.92	21	53.34
86	20	6.10	13	33.02	126	14	4.27	10	25.40	6	25	7.62	12	30.48
87	16	4.88	12	30.48	127	24	7.32	12	30.48	7	30	9.14	25	63.50
88	16	4.88	13	33.02	128	15	4.57	10	25.40	8	30	9.14	15	38.10
89	18	5.49	10	25.40	129	18	5.49	12	30.48	9	25	7.62	14	35.56
90	20	6.10	11	27.94	130	14	4.27	12	30.48	10	20	6.10	13	33.02
91	18	5.49	12	30.48	131	14	4.27	10	25.40	11	22	6.71	14	35.56
92	14	4.27	10	25.40	132	14	4.27	10	25.40	12	25	7.62	13	33.02
93	15	4.57	12	30.48	133	16	4.88	12	30.48	13	20	6.10	10	25.40
94	20	6.10	12	30.48	134	19	5.79	12	30.48	14	30	9.14	26	66.04
95	14	4.27	10	25.40	135	22	6.71	14	35.56	15	20	6.10	15	38.10
96	15	4.57	12	30.48	136	25	7.62	20	50.80	16	30	9.14	21	53.34
97	16	4.88	11	27.94	137	28	8.53	18	45.72	17	30	9.14	18	45.72
98	20	6.10	11	27.94	138	16	4.88	10	25.40	18	30	9.14	17	43.18
99	18	5.49	12	30.48	139	18	5.49	11	27.94	19	28	8.53	14	35.56
100	15	4.57	10	25.40	140	14	4.27	10	25.40	20	27	8.23	12	30.48
101	22	6.71	15	38.10	141	15	4.57	10	25.40	21	33	10.06	27	68.58
102	19	5.79	10	25.40	142	16	4.88	10	25.40	22	25	7.62	20	50.80
103	22	6.71	12	30.48	143	20	6.10	12	30.48	23	20	6.10	12	30.48
104	22	6.71	13	33.02	144	30	9.14	15	38.10	24	19	5.79	13	33.02
105	20	6.10	12	30.48	145	32	9.75	22	55.88	25	30	9.14	20	50.80
106	20	6.10	15	38.10	146	12	3.66	10	25.40	26	20	6.10	11	27.94
107	16	4.88	10	25.40	147	18	5.49	14	35.56	27	30	9.14	22	55.88
108	20	6.10	14	35.56						28	35	10.67	22	55.88
109	25	7.62	16	40.64						29	25	7.62	12	30.48
110	14	4.27	10	25.40	*Diospyros excelsa* / (Kendu)					30	20	6.10	17	43.18
111	20	6.10	12	30.48	SL. NO.	Height		Girth		31	25	7.62	15	38.10
112	15	4.57	12	30.48		ft	m	inch	cm	32	24	7.32	20	50.80
113	14	4.27	10	25.40	1	16	4.88	10	25.40	33	25	7.62	13	33.02
114	15	4.57	12	30.48						34	25	7.62	16	40.64
115	20	6.10	18	45.72						35	20	6.10	17	43.18
116	18	5.49	12	30.48	*Dalbargia latifolia* / (Sweti Sal)					36	23	7.01	13	33.02
117	16	4.88	10	25.40	SL. NO.	Height		Girth		37	25	7.62	14	35.56
118	14	4.27	10	25.40		ft	m	inch	cm	38	25	7.62	20	50.80
119	16	4.88	11	27.94	1	14	4.27	10	25.40	39	25	7.62	14	35.56
120	15	4.57	10	25.40	2	60	18.29	30	76.20	40	30	9.14	21	53.34

Madhuca latifolia / (Mahua)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	25	7.62	17	43.18	81	15	4.57	10	25.40	121	40	12.19	22	55.88
42	25	7.62	15	38.10	82	35	10.67	26	66.04	122	30	9.14	17	43.18
43	25	7.62	14	35.56	83	10	3.05	10	25.40	123	42	12.80	28	71.12
44	24	7.32	17	43.18	84	14	4.27	10	25.40	124	18	5.49	13	33.02
45	25	7.62	17	43.18	85	30	9.14	27	68.58	125	40	12.19	18	45.72
46	23	7.01	15	38.10	86	25	7.62	30	76.20	126	45	13.72	22	55.88
47	25	7.62	16	40.64	87	25	7.62	18	45.72	127	18	5.49	16	40.64
48	30	9.14	15	38.10	88	20	6.10	14	35.56	128	20	6.10	14	35.56
49	30	9.14	22	55.88	89	35	10.67	23	58.42	129	18	5.49	10	25.40
50	25	7.62	18	45.72	90	23	7.01	21	53.34	130	14	4.27	10	25.40
51	30	9.14	15	38.10	91	20	6.10	11	27.94	131	30	9.14	14	35.56
52	18	5.49	10	25.40	92	16	4.88	12	30.48	132	20	6.10	18	45.72
53	15	4.57	10	25.40	93	45	13.72	42	106.68	133	45	13.72	16	40.64
54	15	4.57	12	30.48	94	19	5.79	10	25.40	134	33	10.06	19	48.26
55	14	4.27	10	25.40	95	45	13.72	22	55.88	135	16	4.88	10	25.40
56	18	5.49	11	27.94	96	20	6.10	18	45.72	136	15	4.57	10	25.40
57	18	5.49	16	40.64	97	30	9.14	17	43.18	137	21	6.40	10	25.40
58	26	7.92	18	45.72	98	26	7.92	16	40.64	138	12	3.66	10	25.40
59	30	9.14	24	60.96	99	19	5.79	14	35.56	139	40	12.19	20	50.80
60	35	10.67	19	48.26	100	20	6.10	19	48.26	140	25	7.62	12	30.48
61	15	4.57	12	30.48	101	20	6.10	16	40.64	141	18	5.49	11	27.94
62	37	11.28	18	45.72	102	24	7.32	14	35.56	142	32	9.75	16	40.64
63	30	9.14	17	43.18	103	20	6.10	10	25.40	143	18	5.49	12	30.48
64	30	9.14	17	43.18	104	16	4.88	10	25.40	144	22	6.71	13	33.02
65	25	7.62	15	38.10	105	16	4.88	10	25.40	145	30	9.14	17	43.18
66	27	8.23	15	38.10	106	14	4.27	15	38.10	146	28	8.53	18	45.72
67	25	7.62	19	48.26	107	15	4.57	14	35.56	147	35	10.67	18	45.72
68	30	9.14	15	38.10	108	25	7.62	13	33.02	148	26	7.92	14	35.56
69	18	5.49	14	35.56	109	20	6.10	19	48.26	149	18	5.49	22	55.88
70	40	12.19	18	45.72	110	21	6.40	22	55.88	150	20	6.10	12	30.48
71	28	8.53	23	58.42	111	29	8.84	25	63.50	151	25	7.62	12	30.48
72	20	6.10	17	43.18	112	40	12.19	10	25.40	152	20	6.10	14	35.56
73	30	9.14	20	50.80	113	29	8.84	19	48.26	153	45	13.72	16	40.64
74	20	6.10	12	30.48	114	16	4.88	23	58.42	154	20	6.10	12	30.48
75	45	13.72	33	83.82	115	45	13.72	18	45.72	155	22	6.71	16	40.64
76	40	12.19	21	53.34	116	35	10.67	22	55.88	156	30	9.14	18	45.72
77	30	9.14	18	45.72	117	32	9.75	17	43.18	157	25	7.62	18	45.72
78	30	9.14	22	55.88	118	30	9.14	19	48.26	158	25	7.62	20	50.80
79	30	9.14	22	55.88	119	20	6.10	14	35.56	159	45	13.72	22	55.88
80	30	9.14	28	71.12	120	40	12.19	20	50.80	160	15	4.57	12	30.48

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
161	20	6.10	15	38.10
162	25	7.62	18	45.72
163	20	6.10	10	25.40
164	35	10.67	24	60.96
165	13	3.96	10	25.40
166	40	12.19	19	48.26
167	35	10.67	20	50.80
168	32	9.75	18	45.72
169	45	13.72	16	40.64
170	42	12.80	18	45.72
171	19	5.79	16	40.64
172	28	8.53	18	45.72
173	20	6.10	13	33.02
174	30	9.14	24	60.96
175	40	12.19	27	68.58
176	20	6.10	14	35.56
177	26	7.92	15	38.10

Syzygium cumini / (Chudui)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	19	48.26

Ziziphus mauritiana / (Kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	14	35.56
2	20	6.10	12	30.48
3	14	4.27	10	25.40
4	20	6.10	12	30.48
5	15	4.57	12	30.48
6	25	7.62	14	35.56

Careya arborea / (Astha/Kumbhi)				
	Height		Girth	
SL.	ft	m	inch	cm
1	12	3.66	10	25.40

Anogeissus latifolia / (Dhaw)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	14	35.56	41	25	7.62	10	25.40	81	30	9.14	12	30.48
2	15	4.57	10	25.40	42	53	16.15	18	45.72	82	30	9.14	12	30.48
3	30	9.14	10	25.40	43	15	4.57	12	30.48	83	30	9.14	12	30.48
4	17	5.18	10	25.40	44	18	5.49	12	30.48	84	30	9.14	12	30.48
5	20	6.10	10	25.40	45	20	6.10	12	30.48	85	30	9.14	12	30.48
6	20	6.10	11	27.94	46	25	7.62	12	30.48	86	30	9.14	12	30.48
7	20	6.10	10	25.40	47	15	4.57	10	25.40	87	30	9.14	12	30.48
8	20	6.10	10	25.40	48	29	8.84	18	45.72	88	30	9.14	12	30.48
9	25	7.62	12	30.48	49	32	9.75	16	40.64	89	30	9.14	12	30.48
10	25	7.62	12	30.48	50	15	4.57	10	25.40	90	30	9.14	12	30.48
11	23	7.01	12	30.48	51	50	15.24	42	106.68	91	30	9.14	12	30.48
12	20	6.10	11	27.94	52	30	9.14	16	40.64	92	30	9.14	12	30.48
13	35	10.67	26	66.04	53	25	7.62	15	38.10	93	30	9.14	12	30.48
14	25	7.62	14	35.56	54	35	10.67	24	60.96	94	30	9.14	12	30.48
15	20	6.10	12	30.48	55	50	15.24	35	88.90	95	30	9.14	12	30.48
16	23	7.01	12	30.48	56	34	10.36	26	66.04	96	30	9.14	12	30.48
17	25	7.62	13	33.02	57	25	7.62	11	27.94	97	30	9.14	12	30.48
18	20	6.10	10	25.40	58	30	9.14	14	35.56	98	30	9.14	12	30.48
19	35	10.67	25	63.50	59	19	5.79	13	33.02	99	30	9.14	12	30.48
20	25	7.62	12	30.48	60	38	11.58	23	58.42	100	30	9.14	12	30.48
21	30	9.14	22	55.88	61	20	6.10	10	25.40	101	30	9.14	12	30.48
22	20	6.10	13	33.02	62	15	4.57	18	45.72	102	30	9.14	12	30.48
23	15	4.57	12	30.48	63	45	13.72	19	48.26	103	30	9.14	12	30.48
24	20	6.10	12	30.48	64	35	10.67	18	45.72	104	30	9.14	12	30.48
25	25	7.62	15	38.10	65	48	14.63	22	55.88	105	30	9.14	12	30.48
26	30	9.14	18	45.72	66	40	12.19	18	45.72	106	30	9.14	12	30.48
27	20	6.10	12	30.48	67	45	13.72	21	53.34	107	30	9.14	12	30.48
28	40	12.19	18	45.72	68	42	12.80	21	53.34	108	30	9.14	12	30.48
29	49	14.94	25	63.50	69	40	12.19	21	53.34	109	30	9.14	12	30.48
30	40	12.19	15	38.10	70	18	5.49	10	25.40	110	30	9.14	12	30.48
31	30	9.14	13	33.02	71	40	12.19	16	40.64	111	30	9.14	12	30.48
32	30	9.14	15	38.10	72	45	13.72	20	50.80	112	30	9.14	12	30.48
33	22	6.71	10	25.40	73	35	10.67	15	38.10	113	30	9.14	12	30.48
34	60	18.29	34	86.36	74	30	9.14	13	33.02	114	30	9.14	12	30.48
35	55	16.76	24	60.96	75	30	9.14	16	40.64	115	30	9.14	12	30.48
36	16	4.88	10	25.40	76	55	16.76	12	30.48	116	30	9.14	12	30.48
37	50	15.24	20	50.80	77	20	6.10	12	30.48	117	30	9.14	12	30.48
38	45	13.72	16	40.64	78	36	10.97	17	43.18	118	30	9.14	12	30.48
39	50	15.24	19	48.26	79	30	9.14	12	30.48	119	30	9.14	12	30.48
40	30	9.14	10	25.40	80	30	9.14	10	25.40	120	30	9.14	12	30.48

TIRAT-ASANSOLE

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
81	18	5.49	12	30.48
82	40	12.19	28	71.12
83	40	12.19	20	50.80
84	16	4.88	10	25.40
85	15	4.57	10	25.40
86	40	12.19	20	50.80
87	18	5.49	12	30.48

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	21	6.40	10	25.40
3	5	1.52	12	30.48
4	21	6.40	13	33.02
5	20	6.10	13	33.02
6	18	5.49	14	35.56
7	20	6.10	15	38.10
8	25	7.62	19	48.26
9	13	3.96	10	25.40
10	20	6.10	11	27.94
11	16	4.88	10	25.40
12	18	5.49	14	35.56
13	18	5.49	13	33.02
14	16	4.88	10	25.40

Ixora arborea / (Lohajangi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	12	30.48

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94
2	15	4.57	10	25.40
3	18	5.49	10	25.40
4	15	4.57	10	25.40
5	15	4.57	10	25.40
6	20	6.10	15	38.10
7	15	4.57	10	25.40
8	20	6.10	12	30.48
9	18	5.49	11	27.94
10	20	6.10	12	30.48
11	15	4.57	10	25.40
12	22	6.71	11	27.94
13	16	4.88	10	25.40
14	15	4.57	10	25.40
15	30	9.14	19	48.26
16	14	4.27	12	30.48
17	20	6.10	13	33.02
18	18	5.49	11	27.94
19	18	5.49	10	25.40
20	18	5.49	12	30.48
21	15	4.57	12	30.48
22	15	4.57	11	27.94
23	14	4.27	10	25.40
24	26	7.92	15	38.10
25	20	6.10	12	30.48
26	18	5.49	12	30.48
27	30	9.14	13	33.02
28	18	5.49	10	25.40
29	15	4.57	12	30.48
30	25	7.62	14	35.56
31	30	9.14	14	35.56

Lannea coromandelica / (Geol/Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	19	48.26
2	15	4.57	10	25.40
3	17	5.18	10	25.40
4	20	6.10	11	27.94
5	16	4.88	11	27.94
6	18	5.49	12	30.48
7	15	4.57	10	25.40
8	15	4.57	14	35.56
9	20	6.10	18	45.72
10	16	4.88	12	30.48
11	1	0.30	10	25.40
12	18	5.49	13	33.02
13	16	4.88	11	27.94
14	14	4.27	10	25.40
15	16	4.88	11	27.94
16	14	4.27	11	27.94
17	25	7.62	11	27.94
18	14	4.27	10	25.40
19	25	7.62	16	40.64
20	14	4.27	10	25.40
21	15	4.57	12	30.48
22	25	7.62	16	40.64
23	18	5.49	12	30.48
24	20	6.10	10	25.40

Dillenia indica / (Chalta)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	22	55.88
2	30	9.14	15	38.10

Erythrina indica / (Bhurkund)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	12	30.48
2	25	7.62	121	307.34
3	20	6.10	8	20.32

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	20	50.80
2	30	9.14	23	58.42
3	60	18.29	36	91.44

Gardenia latifolia / (Dombhurru)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	28	71.12
2	30	9.14	30	76.20

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Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94
2	21	6.40	11	27.94
3	16	4.88	10	25.40
4	15	4.57	10	25.40
5	15	4.57	12	30.48
6	16	4.88	12	30.48
7	23	7.01	13	33.02
8	30	9.14	15	38.10
9	16	4.88	12	30.48
10	15	4.57	10	25.40
11	16	4.88	10	25.40
12	20	6.10	15	38.10
13	20	6.10	13	33.02
14	16	4.88	15	38.10
15	15	4.57	10	25.40
16	25	7.62	16	40.64
17	18	5.49	18	45.72
18	14	4.27	12	30.48
19	14	4.27	10	25.40
20	16	4.88	10	25.40

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	21	6.40	13	33.02
3	20	6.10	12	30.48
4	25	7.62	13	33.02
5	28	8.53	14	35.56
6	20	6.10	14	35.56
7	14	4.27	10	25.40
8	20	6.10	10	25.40
9	30	9.14	18	45.72
10	18	5.49	11	27.94
11	15	4.57	10	25.40
12	20	6.10	12	30.48
13	25	7.62	15	38.10
14	20	6.10	17	43.18
15	18	5.49	10	25.40
16	18	5.49	10	25.40
17	25	7.62	14	35.56
18	25	7.62	14	35.56
19	18	5.49	10	25.40
20	20	6.10	11	27.94
21	15	4.57	10	25.40
22	20	6.10	11	27.94
23	15	4.57	12	30.48
24	15	4.57	10	25.40
25	35	10.67	24	60.96
26	25	7.62	14	35.56
27	20	6.10	12	30.48
28	25	7.62	12	30.48
29	20	6.10	12	30.48

Bridelia retusa / (Kosai)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	21	53.34
2	30	9.14	18	45.72
3	26	7.92	20	50.80
4	22	6.71	17	43.18
5	20	6.10	20	50.80
6	18	5.49	12	30.48
7	16	4.88	10	25.40
8	20	6.10	13	33.02
9	25	7.62	15	38.10
10	25	7.62	16	40.64
11	20	6.10	12	30.48
12	15	4.57	10	25.40
13	25	7.62	13	33.02
14	16	4.88	10	25.40
15	18	5.49	13	33.02
16	24	7.32	18	45.72
17	21	6.40	14	35.56
18	16	4.88	10	25.40
19	25	7.62	19	48.26
20	14	4.27	13	33.02

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	11	3.35	10	25.40
2	20	6.10	18	45.72
3	25	7.62	18	45.72
4	15	4.57	10	25.40
5	20	6.10	18	45.72

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94

Terminalia bellirica / (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56

Symplocos recemosa / (Lodh)				
SL.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	10	25.40
2	20	6.10	17	43.18
3	25	7.62	12	30.48
4	20	6.10	12	30.48
5	25	7.62	13	33.02
6	16	4.88	11	27.94

TIRAT-ASANSOLE

Tirat-Asansole SP 8

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	32	9.75	23	58.42	41	30	9.14	23	58.42	81	10	3.05	10	25.40
2	15	4.57	12	30.48	42	15	4.57	10	25.40	82	35	10.67	25	63.50
3	35	10.67	26	66.04	43	10	3.05	12	30.48	83	30	9.14	21	53.34
4	26	7.92	13	33.02	44	50	15.24	26	66.04	84	15	4.57	11	27.94
5	12	3.66	13	33.02	45	12	3.66	25	63.50	85	13	3.96	10	25.40
6	35	10.67	31	78.74	46	30	9.14	30	76.20	86	18	5.49	13	33.02
7	35	10.67	26	66.04	47	24	7.32	11	27.94	87	22	6.71	14	35.56
8	32	9.75	21	53.34	48	30	9.14	25	63.50	88	40	12.19	28	71.12
9	25	7.62	22	55.88	49	52	15.85	28	71.12	89	20	6.10	15	38.10
10	28	8.53	19	48.26	50	30	9.14	32	81.28	90	25	7.62	16	40.64
11	20	6.10	14	35.56	51	60	18.29	13	33.02	91	36	10.97	25	63.50
12	15	4.57	11	27.94	52	10	3.05	15	38.10	92	33	10.06	25	63.50
13	28	8.53	15	38.10	53	15	4.57	13	33.02	93	20	6.10	15	38.10
14	30	9.14	24	60.96	54	17	5.18	14	35.56	94	30	9.14	23	58.42
15	21	6.40	12	30.48	55	19	5.79	12	30.48	95	25	7.62	16	40.64
16	25	7.62	20	50.80	56	30	9.14	12	30.48	96	28	8.53	25	63.50
17	38	11.58	23	58.42	57	15	4.57	22	55.88	97	32	9.75	22	55.88
18	35	10.67	24	60.96	58	20	6.10	16	40.64	98	30	9.14	14	35.56
19	40	12.19	25	63.50	59	17	5.18	11	27.94	99	28	8.53	17	43.18
20	15	4.57	11	27.94	60	40	12.19	35	88.90	100	18	5.49	11	27.94
21	15	4.57	16	40.64	61	27	8.23	15	38.10	101	10	3.05	17	43.18
22	30	9.14	21	53.34	62	37	11.28	26	66.04	102	30	9.14	27	68.58
23	36	10.97	22	55.88	63	25	7.62	16	40.64	103	34	10.36	24	60.96
24	15	4.57	12	30.48	64	28	8.53	25	63.50	104	20	6.10	21	53.34
25	40	12.19	24	60.96	65	32	9.75	22	55.88	105	10	3.05	20	50.80
26	10	3.05	10	25.40	66	30	9.14	14	35.56	106	36	10.97	22	55.88
27	32	9.75	23	58.42	67	28	8.53	17	43.18	107	35	10.67	28	71.12
28	40	12.19	27	68.58	68	18	5.49	11	27.94	108	12	3.66	10	25.40
29	18	5.49	11	27.94	69	10	3.05	17	43.18	109	35	10.67	25	63.50
30	12	3.66	10	25.40	70	30	9.14	27	68.58	110	30	9.14	26	66.04
31	30	9.14	18	45.72	71	34	10.36	24	60.96	111	15	4.57	26	66.04
32	17	5.18	13	33.02	72	20	6.10	21	53.34	112	35	10.67	25	63.50
33	35	10.67	24	60.96	73	10	3.05	20	50.80	113	10	3.05	10	25.40
34	30	9.14	18	45.72	74	36	10.97	22	55.88	114	35	10.67	25	63.50
35	36	10.97	20	50.80	75	35	10.67	28	71.12	115	30	9.14	21	53.34
36	33	10.06	15	38.10	76	12	3.66	10	25.40	116	15	4.57	11	27.94
37	22	6.71	16	40.64	77	35	10.67	25	63.50	117	13	3.96	10	25.40
38	40	12.19	24	60.96	78	30	9.14	26	66.04	118	18	5.49	13	33.02
39	30	9.14	16	40.64	79	15	4.57	26	66.04	119	22	6.71	14	35.56
40	25	7.62	15	38.10	80	35	10.67	25	63.50	120	40	12.19	28	71.12

TIRAT-ASANSOLE

Shorea robusta / (Sal)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	20	6.10	15	38.10	161	29	8.84	23	58.42	1	20	6.10	19	48.26
122	25	7.62	16	40.64	162	55	16.76	36	91.44	2	25	7.62	23	58.42
123	36	10.97	25	63.50	163	35	10.67	24	60.96	3	25	7.62	21	53.34
124	33	10.06	25	63.50	164	35	10.67	32	81.28	4	25	7.62	17	43.18
125	20	6.10	15	38.10	165	30	9.14	32	81.28	5	30	9.14	17	43.18
126	30	9.14	23	58.42	166	18	5.49	21	53.34	6	27	8.23	14	35.56
127	30	9.14	28	71.12	167	38	11.58	23	58.42	7	25	7.62	26	66.04
128	28	8.53	22	55.88	168	42	12.80	25	63.50	8	20	6.10	14	35.56
129	40	12.19	30	76.20	169	25	7.62	13	33.02	9	20	6.10	18	45.72
130	18	5.49	10	25.40	170	20	6.10	15	38.10	10	15	4.57	14	35.56
131	45	13.72	28	71.12	171	36	10.97	26	66.04	11	25	7.62	25	63.50
132	40	12.19	25	63.50	172	25	7.62	21	53.34	12	28	8.53	17	43.18
133	30	9.14	19	48.26	173	22	6.71	12	30.48	13	17	5.18	11	27.94
134	36	10.97	26	66.04	174	25	7.62	17	43.18	14	15	4.57	10	25.40
135	28	8.53	12	30.48	175	20	6.10	17	43.18	15	17	5.18	10	25.40
136	15	4.57	17	43.18	176	20	6.10	11	27.94	16	22	6.71	12	30.48
137	21	6.40	14	35.56	177	30	9.14	22	55.88	17	25	7.62	12	30.48
138	12	3.66	10	25.40	178	20	6.10	13	33.02	18	30	9.14	14	35.56
139	48	14.63	30	76.20	179	20	6.10	19	48.26	19	35	10.67	17	43.18
140	30	9.14	25	63.50	180	25	7.62	12	30.48	20	15	4.57	18	45.72
141	18	5.49	20	50.80	181	25	7.62	28	71.12	21	18	5.49	16	40.64
142	15	4.57	17	43.18	182	27	8.23	19	48.26	22	30	9.14	24	60.96
143	25	7.62	13	33.02	183	50	15.24	30	76.20	23	28	8.53	17	43.18
144	20	6.10	22	55.88	184	35	10.67	21	53.34	24	28	8.53	14	35.56
145	32	9.75	19	48.26	185	36	10.97	20	50.80	25	29	8.84	17	43.18
146	50	15.24	11	27.94	186	18	5.49	12	30.48	26	15	4.57	16	40.64
147	20	6.10	12	30.48	187	35	10.67	27	68.58	27	10	3.05	16	40.64
148	20	6.10	14	35.56	188	40	12.19	29	73.66	28	12	3.66	11	27.94
149	20	6.10	16	40.64	189	48	14.63	24	60.96	29	27	8.23	12	30.48
150	25	7.62	18	45.72	190	35	10.67	24	60.96	30	20	6.10	16	40.64
151	22	6.71	15	38.10						31	25	7.62	15	38.10
152	25	7.62	15	38.10						32	20	6.10	17	43.18
153	37	11.28	26	66.04						33	25	7.62	14	35.56
154	30	9.14	21	53.34						34	25	7.62	10	25.40
155	25	7.62	11	27.94						35	30	9.14	17	43.18
156	12	3.66	12	30.48						36	12	3.66	10	25.40
157	25	7.62	15	38.10						37	17	5.18	14	35.56
158	10	3.05	12	30.48						38	17	5.18	16	40.64
159	28	8.53	16	40.64						39	30	9.14	26	66.04
160	30	9.14	25	63.50						40	30	9.14	20	50.80

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)														
SL. NO.	Height		Girth			Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm	SL. NO.	ft	m	inch	cm		ft	m	inch	cm
41	25	7.62	13	33.02	81	30	9.14	21	53.34	121	20	6.10	13	33.02
42	23	7.01	21	53.34	82	25	7.62	21	53.34	122	20	6.10	17	43.18
43	18	5.49	12	30.48	83	28	8.53	19	48.26	123	20	6.10	17	43.18
44	25	7.62	12	30.48	84	30	9.14	20	50.80	124	25	7.62	15	38.10
45	28	8.53	23	58.42	85	15	4.57	13	33.02	125	35	10.67	24	60.96
46	20	6.10	18	45.72	86	32	9.75	27	68.58	126	18	5.49	10	25.40
47	29	8.84	17	43.18	87	26	7.92	13	33.02	127	20	6.10	13	33.02
48	30	9.14	25	63.50	88	36	10.97	24	60.96	128	30	9.14	14	35.56
49	25	7.62	15	38.10	89	28	8.53	25	63.50	129	28	8.53	14	35.56
50	25	7.62	18	45.72	90	25	7.62	12	30.48	130	20	6.10	15	38.10
51	27	8.23	20	50.80	91	20	6.10	16	40.64	131	22	6.71	17	43.18
52	20	6.10	12	30.48	92	20	6.10	13	33.02	132	25	7.62	17	43.18
53	34	10.36	27	68.58	93	27	8.23	14	35.56	133	23	7.01	14	35.56
54	25	7.62	19	48.26	94	15	4.57	21	53.34	134	15	4.57	12	30.48
55	27	8.23	15	38.10	95	10	3.05	10	25.40	135	35	10.67	28	71.12
56	25	7.62	13	33.02	96	20	6.10	18	45.72	136	18	5.49	13	33.02
57	18	5.49	14	35.56	97	30	9.14	21	53.34	137	18	5.49	14	35.56
58	20	6.10	13	33.02	98	30	9.14	21	53.34	138	20	6.10	15	38.10
59	27	8.23	14	35.56	99	28	8.53	16	40.64	139	15	4.57	15	38.10
60	17	5.18	12	30.48	100	26	7.92	15	38.10	140	18	5.49	15	38.10
61	25	7.62	11	27.94	101	22	6.71	13	33.02	141	20	6.10	20	50.80
62	25	7.62	19	48.26	102	16	4.88	10	25.40	142	12	3.66	10	25.40
63	25	7.62	17	43.18	103	25	7.62	20	50.80	143	12	3.66	15	38.10
64	30	9.14	22	55.88	104	28	8.53	19	48.26	144	20	6.10	15	38.10
65	15	4.57	15	38.10	105	12	3.66	10	25.40	145	28	8.53	13	33.02
66	28	8.53	18	45.72	106	20	6.10	16	40.64	146	32	9.75	21	53.34
67	30	9.14	17	43.18	107	25	7.62	20	50.80	147	30	9.14	23	58.42
68	30	9.14	18	45.72	108	15	4.57	11	27.94	148	25	7.62	26	66.04
69	15	4.57	12	30.48	109	28	8.53	24	60.96	149	15	4.57	10	25.40
70	40	12.19	27	68.58	110	27	8.23	17	43.18	150	15	4.57	10	25.40
71	25	7.62	17	43.18	111	25	7.62	18	45.72	151	25	7.62	22	55.88
72	20	6.10	16	40.64	112	25	7.62	17	43.18	152	27	8.23	16	40.64
73	25	7.62	18	45.72	113	25	7.62	18	45.72	153	28	8.53	32	81.28
74	15	4.57	12	30.48	114	30	9.14	37	93.98	154	30	9.14	20	50.80
75	27	8.23	11	27.94	115	25	7.62	19	48.26	155	28	8.53	17	43.18
76	20	6.10	16	40.64	116	25	7.62	19	48.26	156	27	8.23	17	43.18
77	20	6.10	14	35.56	117	30	9.14	25	63.50	157	20	6.10	11	27.94
78	25	7.62	18	45.72	118	22	6.71	14	35.56	158	25	7.62	14	35.56
79	18	5.49	20	50.80	119	25	7.62	16	40.64	159	25	7.62	13	33.02
80	30	9.14	25	63.50	120	20	6.10	12	30.48	160	28	8.53	15	38.10

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)					*Buchanania lanzan* / (Piyal)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
161	25	7.62	13	33.02	1	15	4.57	12	30.48	41	12	3.66	14	35.56
162	26	7.92	17	43.18	2	17	5.18	10	25.40	42	17	5.18	11	27.94
163	26	7.92	11	27.94	3	15	4.57	16	40.64	43	25	7.62	14	35.56
164	18	5.49	11	27.94	4	25	7.62	18	45.72	44	25	7.62	15	38.10
165	20	6.10	12	30.48	5	22	6.71	12	30.48	45	28	8.53	17	43.18
166	32	9.75	26	66.04	6	25	7.62	15	38.10	46	15	4.57	13	33.02
167	26	7.92	18	45.72	7	10	3.05	11	27.94	47	20	6.10	16	40.64
168	27	8.23	19	48.26	8	16	4.88	13	33.02	48	20	6.10	11	27.94
169	28	8.53	17	43.18	9	18	5.49	17	43.18	49	17	5.18	10	25.40
170	25	7.62	17	43.18	10	25	7.62	12	30.48	50	17	5.18	13	33.02
171	25	7.62	19	48.26	11	20	6.10	10	25.40	51	15	4.57	12	30.48
172	15	4.57	13	33.02	12	15	4.57	12	30.48	52	27	8.23	14	35.56
173	25	7.62	13	33.02	13	20	6.10	17	43.18	53	25	7.62	14	35.56
174	29	8.84	21	53.34	14	15	4.57	11	27.94	54	15	4.57	12	30.48
175	22	6.71	13	33.02	15	12	3.66	11	27.94	55	11	3.35	11	27.94
176	30	9.14	19	48.26	16	6	1.83	10	25.40	56	27	8.23	15	38.10
177	15	4.57	10	25.40	17	10	3.05	12	30.48	57	10	3.05	13	33.02
178	30	9.14	22	55.88	18	15	4.57	10	25.40	58	29	8.84	20	50.80
179	25	7.62	15	38.10	19	27	8.23	20	50.80	59	12	3.66	11	27.94
180	30	9.14	26	66.04	20	15	4.57	12	30.48	60	20	6.10	12	30.48
181	33	10.06	25	63.50	21	25	7.62	17	43.18	61	28	8.53	10	25.40
182	19	5.79	15	38.10	22	26	7.92	14	35.56	62	15	4.57	10	25.40
183	15	4.57	10	25.40	23	20	6.10	12	30.48	63	25	7.62	11	27.94
184	26	7.92	17	43.18	24	20	6.10	10	25.40	64	15	4.57	13	33.02
185	15	4.57	10	25.40	25	10	3.05	11	27.94	65	26	7.92	18	45.72
186	20	6.10	16	40.64	26	25	7.62	12	30.48	66	15	4.57	13	33.02
187	23	7.01	12	30.48	27	14	4.27	10	25.40	67	17	5.18	11	27.94
188	26	7.92	13	33.02	28	17	5.18	10	25.40	68	20	6.10	14	35.56
189	25	7.62	16	40.64	29	15	4.57	10	25.40	69	15	4.57	13	33.02
190	19	5.79	11	27.94	30	20	6.10	13	33.02	70	10	3.05	10	25.40
191	27	8.23	13	33.02	31	12	3.66	10	25.40	71	15	4.57	13	33.02
192	28	8.53	17	43.18	32	12	3.66	11	27.94	72	15	4.57	15	38.10
193	29	8.84	16	40.64	33	27	8.23	15	38.10	73	15	4.57	10	25.40
194	29	8.84	15	38.10	34	12	3.66	13	33.02	74	15	4.57	16	40.64
195	20	6.10	18	45.72	35	20	6.10	13	33.02	75	15	4.57	10	25.40
196	26	7.92	23	58.42	36	15	4.57	12	30.48	76	15	4.57	10	25.40
197	22	6.71	20	50.80	37	18	5.49	12	30.48	77	15	4.57	10	25.40
198	26	7.92	13	33.02	38	12	3.66	11	27.94	78	25	7.62	17	43.18
199	30	9.14	22	55.88	39	11	3.35	12	30.48	79	28	8.53	21	53.34
200	27	8.23	26	66.04	40	12	3.66	10	25.40	80	27	8.23	12	30.48

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
81	22	6.71	15	38.10	121	16	4.88	12	30.48	161	15	4.57	11	27.94
82	19	5.79	12	30.48	122	12	3.66	12	30.48	162	25	7.62	17	43.18
83	20	6.10	14	35.56	123	20	6.10	13	33.02	163	18	5.49	18	45.72
84	20	6.10	14	35.56	124	18	5.49	11	27.94	164	27	8.23	15	38.10
85	25	7.62	18	45.72	125	15	4.57	10	25.40	165	28	8.53	19	48.26
86	25	7.62	14	35.56	126	22	6.71	11	27.94	166	18	5.49	19	48.26
87	25	7.62	12	30.48	127	20	6.10	10	25.40	167	25	7.62	16	40.64
88	20	6.10	12	30.48	128	17	5.18	12	30.48	168	12	3.66	14	35.56
89	15	4.57	12	30.48	129	18	5.49	11	27.94	169	25	7.62	12	30.48
90	25	7.62	17	43.18	130	27	8.23	18	45.72	170	18	5.49	17	43.18
91	15	4.57	10	25.40	131	20	6.10	12	30.48	171	10	3.05	10	25.40
92	20	6.10	14	35.56	132	21	6.40	12	30.48	172	12	3.66	16	40.64
93	18	5.49	12	30.48	133	22	6.71	13	33.02	173	18	5.49	13	33.02
94	15	4.57	12	30.48	134	18	5.49	12	30.48	174	25	7.62	13	33.02
95	27	8.23	12	30.48	135	15	4.57	10	25.40	175	20	6.10	13	33.02
96	20	6.10	12	30.48	136	27	8.23	15	38.10	176	22	6.71	14	35.56
97	22	6.71	10	25.40	137	12	3.66	10	25.40	177	12	3.66	10	25.40
98	25	7.62	12	30.48	138	13	3.96	10	25.40	178	17	5.18	11	27.94
99	25	7.62	16	40.64	139	13	3.96	10	25.40	179	25	7.62	15	38.10
100	15	4.57	12	30.48	140	12	3.66	12	30.48	180	25	7.62	14	35.56
101	15	4.57	10	25.40	141	27	8.23	18	45.72	181	25	7.62	12	30.48
102	15	4.57	13	33.02	142	15	4.57	10	25.40	182	22	6.71	11	27.94
103	15	4.57	12	30.48	143	15	4.57	12	30.48	183	17	5.18	11	27.94
104	12	3.66	12	30.48	144	17	5.18	11	27.94	184	12	3.66	10	25.40
105	15	4.57	12	30.48	145	12	3.66	11	27.94	185	17	5.18	10	25.40
106	10	3.05	10	25.40	146	12	3.66	10	25.40	186	26	7.92	22	55.88
107	17	5.18	14	35.56	147	18	5.49	14	35.56	187	17	5.18	12	30.48
108	22	6.71	10	25.40	148	18	5.49	13	33.02	188	18	5.49	10	25.40
109	22	6.71	15	38.10	149	22	6.71	18	45.72	189	20	6.10	12	30.48
110	18	5.49	17	43.18	150	27	8.23	16	40.64	190	15	4.57	10	25.40
111	20	6.10	15	38.10	151	23	7.01	13	33.02	191	15	4.57	11	27.94
112	10	3.05	10	25.40	152	15	4.57	12	30.48	192	14	4.27	10	25.40
113	20	6.10	13	33.02	153	12	3.66	14	35.56	193	17	5.18	11	27.94
114	18	5.49	12	30.48	154	25	7.62	14	35.56	194	17	5.18	22	55.88
115	18	5.49	14	35.56	155	15	4.57	13	33.02	195	12	3.66	10	25.40
116	12	3.66	10	25.40	156	12	3.66	13	33.02	196	18	5.49	13	33.02
117	20	6.10	12	30.48	157	15	4.57	10	25.40	197	17	5.18	12	30.48
118	18	5.49	10	25.40	158	20	6.10	15	38.10	198	20	6.10	11	27.94
119	15	4.57	13	33.02	159	16	4.88	14	35.56	199	21	6.40	11	27.94
120	27	8.23	17	43.18	160	16	4.88	10	25.40	200	15	4.57	10	25.40

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
201	22	6.71	11	27.94
202	15	4.57	10	25.40
203	16	4.88	10	25.40
204	26	7.92	13	33.02
205	16	4.88	10	25.40
206	26	7.92	14	35.56
207	25	7.62	11	27.94
208	16	4.88	13	33.02
209	15	4.57	10	25.40
210	18	5.49	10	25.40
211	17	5.18	12	30.48
212	15	4.57	10	25.40
213	17	5.18	11	27.94
214	22	6.71	13	33.02
215	16	4.88	12	30.48
216	23	7.01	12	30.48
217	17	5.18	10	25.40
218	16	4.88	10	25.40
219	26	7.92	14	35.56
220	25	7.62	13	33.02
221	17	5.18	12	30.48
222	17	5.18	10	25.40
223	23	7.01	11	27.94
224	25	7.62	11	27.94

Bridelia retusa / (Kosai)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	25	7.62	21	53.34
3	25	7.62	19	48.26
4	20	6.10	15	38.10
5	18	5.49	10	25.40
6	18	5.49	15	38.10
7	20	6.10	21	53.34
8	27	8.23	16	40.64
9	25	7.62	15	38.10
10	30	9.14	22	55.88
11	29	8.84	18	45.72
12	17	5.18	12	30.48

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	23	58.42
2	35	10.67	24	60.96
3	18	5.49	13	33.02
4	11	3.35	11	27.94
5	15	4.57	10	25.40
6	29	8.84	18	45.72
7	30	9.14	16	40.64
8	12	3.66	11	27.94
9	15	4.57	16	40.64
10	35	10.67	25	63.50
11	32	9.75	20	50.80
12	25	7.62	11	27.94
13	26	7.92	20	50.80
14	30	9.14	23	58.42
15	30	9.14	15	38.10

Dillenia indica / (Chalta)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**28**	**8.53**	**21**	**53.34**

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	12	3.66	10	25.40

Holarrhena antidysenterica / (Kurchi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	11	27.94
2	15	4.57	13	33.02

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	10	25.40
2	15	4.57	12	30.48
3	12	3.66	10	25.40
4	20	6.10	10	25.40
5	23	7.01	10	25.40
6	30	9.14	16	40.64
7	10	3.05	10	25.40
8	13	3.96	10	25.40
9	25	7.62	11	27.94
10	20	6.10	12	30.48
11	15	4.57	10	25.40
12	25	7.62	13	33.02
13	15	4.57	11	27.94
14	10	3.05	10	25.40
15	20	6.10	12	30.48
16	21	6.40	10	25.40
17	15	4.57	10	25.40
18	25	7.62	14	35.56
19	20	6.10	14	35.56
20	22	6.71	12	30.48
21	22	6.71	13	33.02
22	25	7.62	13	33.02
23	17	5.18	11	27.94
24	15	4.57	10	25.40
25	17	5.18	10	25.40
26	15	4.57	10	25.40
27	25	7.62	12	30.48
28	26	7.92	12	30.48
29	20	6.10	13	33.02
30	27	8.23	14	35.56
31	16	4.88	10	25.40
32	24	7.32	12	30.48
33	18	5.49	11	27.94
34	12	3.66	10	25.40
35	18	5.49	10	25.40
36	17	5.18	10	25.40
37	18	5.49	10	25.40
38	26	7.92	10	25.40
39	17	5.18	10	25.40
40	17	5.18	12	30.48

TIRAT-ASANSOLE

Terminalia bellirica / (Bohera)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.84
2	15	4.57	12	30.72
3	17	5.18	10	25.6
4	17	5.18	11	28.16

Lannea coromandelica / (Geol/Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	12	3.66	14	35.56
3	15	4.57	12	30.48
4	27	8.23	12	30.48
5	15	4.57	12	30.48
6	26	7.92	15	38.10
7	32	9.75	12	30.48
8	15	4.57	11	27.94
9	15	4.57	13	33.02
10	27	8.23	19	48.26
11	27	8.23	10	25.40
12	10	3.05	18	45.72
13	32	9.75	11	27.94
14	12	3.66	15	38.10
15	27	8.23	12	30.48
16	20	6.10	12	30.48
17	23	7.01	17	43.18
18	26	7.92	19	48.26
19	27	8.23	10	25.40
20	17	5.18	11	27.94
21	17	5.18	24	60.96
22	32	9.75	10	25.40
23	15	4.57	12	30.48
24	17	5.18	13	33.02
25	23	7.01	11	27.94
26	19	5.79	11	27.94
27	16	4.88	12	30.48
28	18	5.49	12	30.48
29	18	5.49	11	27.94
30	12	3.66	10	25.40
31	25	7.62	15	38.10

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	14	35.56
2	17	5.18	10	25.40
3	16	4.88	10	25.40
4	25	7.62	11	27.94
5	18	5.49	10	25.40
6	23	7.01	12	30.48
7	25	7.62	15	38.10
8	18	5.49	10	25.40
9	18	5.49	10	25.40
10	17	5.18	10	25.40
11	10	3.05	10	25.40
12	25	7.62	12	30.48
13	10	3.05	10	25.40
14	10	3.05	10	25.40
15	27	8.23	12	30.48
16	20	6.10	10	25.40
17	18	5.49	11	27.94
18	20	6.10	14	35.56
19	18	5.49	12	30.48
20	18	5.49	14	35.56
21	17	5.18	10	25.40
22	12	3.66	11	27.94
23	20	6.10	14	35.56
24	28	8.53	15	38.10
25	25	7.62	11	27.94
26	12	3.66	16	40.64
27	15	4.57	10	25.40
28	15	4.57	11	27.94
29	18	5.49	11	27.94
30	12	3.66	10	25.40
31	15	4.57	10	25.40
32	19	5.79	12	30.48
33	20	6.10	11	27.94
34	16	4.88	10	25.40
35	20	6.10	12	30.48
36	22	6.71	11	27.94

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**15**	**4.57**	**12**	**30.48**

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	27	8.23	12	30.72
2	10	3.05	10	25.60
3	15	4.57	10	25.60
4	30	9.14	16	40.96
5	15	4.57	13	33.28
6	25	7.62	16	40.96
7	12	3.66	10	25.60
8	25	7.62	21	53.76
9	20	6.10	14	35.84
10	27	8.23	12	30.72
11	26	7.92	11	28.16
12	25	7.62	15	38.40
13	25	7.62	16	40.96
14	28	8.53	15	38.40
15	28	8.53	17	43.52
16	22	6.71	13	33.28
17	20	6.10	11	28.16
18	24	7.32	12	30.72
19	27	8.23	15	38.40

Lagerstroemia parviflora / (Sidha)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	27	8.23	16	40.64
2	15	4.57	10	25.40
3	22	6.71	15	38.10
4	20	6.10	16	40.64
5	18	5.49	12	30.48
6	18	5.49	12	30.48
7	18	5.49	10	25.40
8	15	4.57	11	27.94
9	25	7.62	12	30.48
10	15	4.57	10	25.40
11	16	4.88	11	27.94
12	18	5.49	13	33.02
13	30	9.14	28	71.12
14	27	8.23	16	40.64
15	18	5.49	10	25.40
16	10	3.05	11	27.94
17	12	3.66	10	25.40
18	30	9.14	21	53.34
19	20	6.10	22	55.88
20	12	3.66	10	25.40

TIRAT-ASANSOLE

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	15	4.57	10	25.40
3	12	3.66	10	25.40
4	14	4.27	12	30.48
5	20	6.10	16	40.64
6	22	6.71	15	38.10
7	15	4.57	15	38.10
8	25	7.62	15	38.10
9	25	7.62	17	43.18
10	20	6.10	11	27.94
11	17	5.18	10	25.40
12	10	3.05	13	33.02
13	28	8.53	18	45.72
14	25	7.62	12	30.48
15	10	3.05	10	25.40
16	25	7.62	15	38.10
17	15	4.57	15	38.10
18	12	3.66	11	27.94
19	19	5.79	14	35.56
20	21	6.40	13	33.02
21	25	7.62	16	40.64
22	16	4.88	11	27.94

Ziziphus mauritiana / (Kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	16	40.64
2	15	4.57	10	25.40
3	26	7.92	16	40.64
4	28	8.53	20	50.80

Careya arborea / (Astha/Kumbhi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	18	45.72
2	17	5.18	10	25.40
3	12	3.66	12	30.48
4	15	4.57	12	30.48

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	12	30.48
2	15	4.57	10	25.40
3	15	4.57	10	25.40
4	15	4.57	14	35.56
5	10	3.05	10	25.40
6	27	8.23	18	45.72
7	15	4.57	17	43.18
8	16	4.88	12	30.48
9	18	5.49	11	27.94

Erythrina indica / (Bhurkund)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56
2	20	6.10	16	40.64
3	18	5.49	18	45.72
4	15	4.57	11	27.94
5	25	7.62	32	81.28
6	15	4.57	15	38.10
7	20	6.10	17	43.18
8	22	6.71	14	35.56

Gmelia arborea / (Gamar)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**20**	**6.10**	**10**	**25.40**

Butea monosperma / (Palash)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**25**	**7.62**	**23**	**58.42**

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**25**	**7.62**	**10**	**25.40**

TIRAT-ASANSOLE

Tirat-Asansole SP 9

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	45	13.72	28	71.12	41	14	4.27	10	25.40	81	30	9.14	22	55.88
2	30	9.14	18	45.72	42	30	9.14	22	55.88	82	22	6.71	13	33.02
3	25	7.62	13	33.02	43	30	9.14	18	45.72	83	20	6.10	10	25.40
4	30	9.14	22	55.88	44	22	6.71	23	58.42	84	25	7.62	15	38.10
5	15	4.57	14	35.56	45	20	6.10	12	30.48	85	29	8.84	25	63.50
6	32	9.75	18	45.72	46	25	7.62	14	35.56	86	35	10.67	25	63.50
7	20	6.10	11	27.94	47	18	5.49	15	38.10	87	22	6.71	14	35.56
8	25	7.62	24	60.96	48	23	7.01	20	50.80	88	35	10.67	30	76.20
9	25	7.62	16	40.64	49	22	6.71	21	53.34	89	38	11.58	19	48.26
10	25	7.62	17	43.18	50	14	4.27	11	27.94	90	20	6.10	18	45.72
11	24	7.32	18	45.72	51	15	4.57	10	25.40	91	30	9.14	17	43.18
12	14	4.27	11	27.94	52	20	6.10	11	27.94	92	17	5.18	12	30.48
13	30	9.14	20	50.80	53	21	6.40	14	35.56	93	18	5.49	13	33.02
14	32	9.75	18	45.72	54	16	4.88	10	25.40	94	16	4.88	13	33.02
15	30	9.14	26	66.04	55	16	4.88	13	33.02	95	30	9.14	20	50.80
16	20	6.10	20	50.80	56	12	3.66	12	30.48	96	18	5.49	12	30.48
17	25	7.62	13	33.02	57	18	5.49	12	30.48	97	30	9.14	17	43.18
18	25	7.62	20	50.80	58	24	7.32	15	38.10	98	14	4.27	12	30.48
19	30	9.14	12	30.48	59	25	7.62	18	45.72	99	15	4.57	13	33.02
20	22	6.71	15	38.10	60	14	4.27	10	25.40	100	46	14.02	24	60.96
21	23	7.01	16	40.64	61	28	8.53	22	55.88	101	30	9.14	13	33.02
22	14	4.27	10	25.40	62	23	7.01	15	38.10	102	28	8.53	16	40.64
23	15	4.57	16	40.64	63	30	9.14	17	43.18	103	25	7.62	22	55.88
24	16	4.88	18	45.72	64	36	10.97	22	55.88	104	35	10.67	25	63.50
25	20	6.10	13	33.02	65	30	9.14	20	50.80	105	15	4.57	13	33.02
26	20	6.10	17	43.18	66	30	9.14	17	43.18	106	20	6.10	17	43.18
27	52	15.85	32	81.28	67	30	9.14	15	38.10	107	14	4.27	10	25.40
28	20	6.10	14	35.56	68	50	15.24	35	88.90	108	23	7.01	14	35.56
29	15	4.57	11	27.94	69	13	3.96	10	25.40	109	32	9.75	18	45.72
30	15	4.57	13	33.02	70	22	6.71	13	33.02	110	25	7.62	14	35.56
31	30	9.14	22	55.88	71	25	7.62	25	63.50	111	45	13.72	24	60.96
32	32	9.75	16	40.64	72	35	10.67	17	43.18	112	30	9.14	18	45.72
33	22	6.71	17	43.18	73	32	9.75	18	45.72	113	30	9.14	22	55.88
34	15	4.57	10	25.40	74	35	10.67	29	73.66	114	18	5.49	13	33.02
35	35	10.67	16	40.64	75	35	10.67	22	55.88	115	30	9.14	21	53.34
36	23	7.01	20	50.80	76	24	7.32	18	45.72	116	21	6.40	14	35.56
37	18	5.49	10	25.40	77	40	12.19	20	50.80	117	30	9.14	20	50.80
38	55	16.76	36	91.44	78	42	12.80	32	81.28	118	16	4.88	13	33.02
39	25	7.62	14	35.56	79	45	13.72	24	60.96	119	35	10.67	32	81.28
40	45	13.72	21	53.34	80	40	12.19	18	45.72	120	35	10.67	26	66.04

TIRAT-ASANSOLE

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	12	3.66	22	55.88	161	30	9.14	22	55.88	201	50	15.24	33	83.82
122	25	7.62	11	27.94	162	30	9.14	20	50.80	202	28	8.53	15	38.10
123	32	9.75	17	43.18	163	17	5.18	12	30.48	203	15	4.57	22	55.88
124	18	5.49	22	55.88	164	28	8.53	23	58.42	204	15	4.57	10	25.40
125	25	7.62	12	30.48	165	35	10.67	23	58.42	205	40	12.19	26	66.04
126	25	7.62	12	30.48	166	35	10.67	26	66.04	206	15	4.57	10	25.40
127	14	4.27	10	25.40	167	14	4.27	10	25.40	207	32	9.75	19	48.26
128	50	15.24	32	81.28	168	13	3.96	14	35.56	208	23	7.01	17	43.18
129	29	8.84	20	50.80	169	15	4.57	10	25.40	209	35	10.67	22	55.88
130	30	9.14	22	55.88	170	55	16.76	37	93.98	210	35	10.67	25	63.50
131	25	7.62	12	30.48	171	35	10.67	23	58.42	211	22	6.71	17	43.18
132	20	6.10	15	38.10	172	45	13.72	32	81.28	212	25	7.62	16	40.64
133	35	10.67	26	66.04	173	30	9.14	18	45.72	213	23	7.01	12	30.48
134	28	8.53	17	43.18	174	25	7.62	16	40.64	214	35	10.67	23	58.42
135	30	9.14	19	48.26	175	30	9.14	17	43.18	215	25	7.62	12	30.48
136	55	16.76	29	73.66	176	15	4.57	17	43.18	216	35	10.67	22	55.88
137	32	9.75	18	45.72	177	35	10.67	26	66.04	217	35	10.67	23	58.42
138	25	7.62	15	38.10	178	17	5.18	16	40.64	218	30	9.14	19	48.26
139	40	12.19	27	68.58	179	35	10.67	14	35.56	219	18	5.49	10	25.40
140	15	4.57	18	45.72	180	36	10.97	17	43.18	220	15	4.57	16	40.64
141	30	9.14	17	43.18	181	25	7.62	13	33.02	221	40	12.19	26	66.04
142	34	10.36	19	48.26	182	20	6.10	14	35.56	222	42	12.80	27	68.58
143	30	9.14	21	53.34	183	45	13.72	28	71.12	223	35	10.67	21	53.34
144	15	4.57	13	33.02	184	39	11.89	30	76.20	224	35	10.67	19	48.26
145	12	3.66	15	38.10	185	15	4.57	10	25.40	225	25	7.62	15	38.10
146	55	16.76	34	86.36	186	30	9.14	25	63.50	226	27	8.23	16	40.64
147	19	5.79	24	60.96	187	43	13.11	28	71.12	227	30	9.14	18	45.72
148	15	4.57	12	30.48	188	15	4.57	10	25.40	228	30	9.14	15	38.10
149	17	5.18	12	30.48	189	45	13.72	26	66.04	229	30	9.14	27	68.58
150	30	9.14	19	48.26	190	25	7.62	12	30.48	230	30	9.14	25	63.50
151	13	3.96	10	25.40	191	42	12.80	26	66.04	231	40	12.19	32	81.28
152	35	10.67	27	68.58	192	35	10.67	26	66.04	232	25	7.62	20	50.80
153	25	7.62	12	30.48	193	28	8.53	15	38.10	233	33	10.06	24	60.96
154	35	10.67	25	63.50	194	30	9.14	17	43.18	234	20	6.10	10	25.40
155	40	12.19	26	66.04	195	20	6.10	15	38.10	235	27	8.23	14	35.56
156	35	10.67	26	66.04	196	34	10.36	32	81.28	236	12	3.66	10	25.40
157	25	7.62	12	30.48	197	40	12.19	25	63.50	237	13	3.96	11	27.94
158	18	5.49	12	30.48	198	40	12.19	23	58.42	238	15	4.57	14	35.56
159	30	9.14	18	45.72	199	25	7.62	14	35.56	239	10	3.05	13	33.02
160	28	8.53	22	55.88	200	15	4.57	14	35.56	240	18	5.49	12	30.48

TIRAT-ASANSOLE

Shorea robusta / (Sal)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	30	9.14	14	35.56	281	15	4.57	11	27.94	1	22	6.71	20	50.80
242	35	10.67	25	63.50	282	30	9.14	18	45.72	2	22	6.71	20	50.80
243	20	6.10	10	25.40	283	40	12.19	32	81.28	3	25	7.62	21	53.34
244	32	9.75	27	68.58	284	18	5.49	10	25.40	4	25	7.62	18	45.72
245	19	5.79	11	27.94	285	30	9.14	22	55.88	5	20	6.10	20	50.80
246	35	10.67	20	50.80	286	35	10.67	26	66.04	6	20	6.10	17	43.18
247	35	10.67	21	53.34	287	25	7.62	15	38.10	7	18	5.49	18	45.72
248	12	3.66	11	27.94	288	22	6.71	14	35.56	8	23	7.01	20	50.80
249	40	12.19	28	71.12	289	15	4.57	10	25.40	9	20	6.10	17	43.18
250	12	3.66	10	25.40	290	25	7.62	14	35.56	10	20	6.10	13	33.02
251	17	5.18	16	40.64	291	32	9.75	30	76.20	11	12	3.66	22	55.88
252	12	3.66	10	25.40	292	25	7.62	14	35.56	12	26	7.92	12	30.48
253	15	4.57	10	25.40	293	35	10.67	22	55.88	13	28	8.53	20	50.80
254	13	3.96	10	25.40	294	18	5.49	12	30.48	14	25	7.62	19	48.26
255	16	4.88	15	38.10						15	22	6.71	18	45.72
256	30	9.14	20	50.80						16	20	6.10	20	50.80
257	42	12.80	28	71.12						17	22	6.71	16	40.64
258	35	10.67	22	55.88						18	18	5.49	13	33.02
259	30	9.14	17	43.18	*Symplocos recemosa* / (Lodh)					19	20	6.10	13	33.02
260	35	10.67	24	60.96	SL. NO.	Height		Girth		20	24	7.32	18	45.72
261	29	8.84	22	55.88		ft	m	inch	cm	21	28	8.53	14	35.56
262	35	10.67	25	63.50	1	20	6.10	16	40.64	22	15	4.57	24	60.96
263	20	6.10	16	40.64	2	15	4.57	10	25.40	23	18	5.49	10	25.40
264	32	9.75	20	50.80	3	16	4.88	12	30.48	24	20	6.10	12	30.48
265	40	12.19	22	55.88	4	17	5.18	10	25.40	25	24	7.32	17	43.18
266	30	9.14	20	50.80	5	15	4.57	13	33.02	26	28	8.53	14	35.56
267	22	6.71	18	45.72	6	15	4.57	12	30.48	27	15	4.57	15	38.10
268	25	7.62	18	45.72	7	18	5.49	11	27.94	28	18	5.49	15	38.10
269	20	6.10	20	50.80	8	15	4.57	11	27.94	29	20	6.10	13	33.02
270	25	7.62	19	48.26	9	18	5.49	12	30.48	30	15	4.57	10	25.40
271	35	10.67	26	66.04	10	15	4.57	10	25.40	31	17	5.18	11	27.94
272	23	7.01	14	35.56	11	26	7.92	13	33.02	32	20	6.10	15	38.10
273	15	4.57	10	25.40	12	25	7.62	17	43.18	33	20	6.10	10	25.40
274	38	11.58	21	53.34	13	15	4.57	10	25.40	34	20	6.10	13	33.02
275	32	9.75	20	50.80	14	20	6.10	16	40.64	35	18	5.49	12	30.48
276	20	6.10	16	40.64	15	25	7.62	17	43.18	36	25	7.62	15	38.10
277	20	6.10	12	30.48	16	17	5.18	12	30.48	37	15	4.57	12	30.48
278	25	7.62	18	45.72						38	15	4.57	11	27.94
279	40	12.19	18	45.72						39	13	3.96	10	25.40
280	18	5.49	10	25.40						40	30	9.14	18	45.72

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	15	4.57	12	30.48	81	16	4.88	10	25.40	121	30	9.14	15	38.10
42	18	5.49	10	25.40	82	15	4.57	10	25.40	122	30	9.14	23	58.42
43	20	6.10	19	48.26	83	16	4.88	10	25.40	123	32	9.75	16	40.64
44	20	6.10	25	63.50	84	15	4.57	10	25.40	124	30	9.14	18	45.72
45	25	7.62	22	55.88	85	17	5.18	10	25.40	125	20	6.10	12	30.48
46	20	6.10	13	33.02	86	20	6.10	12	30.48	126	30	9.14	17	43.18
47	16	4.88	10	25.40	87	17	5.18	12	30.48	127	20	6.10	16	40.64
48	23	7.01	12	30.48	88	15	4.57	10	25.40	128	20	6.10	21	53.34
49	16	4.88	10	25.40	89	15	4.57	10	25.40	129	35	10.67	15	38.10
50	30	9.14	16	40.64	90	15	4.57	10	25.40	130	19	5.79	12	30.48
51	25	7.62	18	45.72	91	17	5.18	12	30.48	131	16	4.88	10	25.40
52	20	6.10	13	33.02	92	15	4.57	13	33.02	132	35	10.67	18	45.72
53	30	9.14	18	45.72	93	15	4.57	10	25.40	133	15	4.57	10	25.40
54	25	7.62	17	43.18	94	15	4.57	10	25.40	134	30	9.14	22	55.88
55	25	7.62	22	55.88	95	15	4.57	10	25.40	135	27	8.23	22	55.88
56	20	6.10	12	30.48	96	14	4.27	10	25.40	136	26	7.92	25	63.50
57	18	5.49	12	30.48	97	14	4.27	10	25.40	137	30	9.14	18	45.72
58	30	9.14	18	45.72	98	17	5.18	12	30.48	138	30	9.14	12	30.48
59	25	7.62	17	43.18	99	14	4.27	10	25.40	139	25	7.62	16	40.64
60	20	6.10	12	30.48	100	16	4.88	13	33.02	140	15	4.57	11	27.94
61	16	4.88	11	27.94	101	14	4.27	10	25.40	141	28	8.53	16	40.64
62	30	9.14	23	58.42	102	12	3.66	10	25.40	142	27	8.23	13	33.02
63	25	7.62	16	40.64	103	26	7.92	13	33.02	143	18	5.49	11	27.94
64	20	6.10	18	45.72	104	27	8.23	12	30.48	144	20	6.10	11	27.94
65	16	4.88	36	91.44	105	27	8.23	18	45.72	145	30	9.14	20	50.80
66	30	9.14	17	43.18	106	28	8.53	13	33.02	146	28	8.53	18	45.72
67	19	5.79	10	25.40	107	30	9.14	21	53.34	147	30	9.14	28	71.12
68	20	6.10	18	45.72	108	30	9.14	14	35.56	148	27	8.23	26	66.04
69	25	7.62	36	91.44	109	20	6.10	13	33.02	149	25	7.62	18	45.72
70	25	7.62	17	43.18	110	19	5.79	11	27.94	150	30	9.14	18	45.72
71	15	4.57	10	25.40	111	19	5.79	12	30.48	151	30	9.14	16	40.64
72	30	9.14	20	50.80	112	30	9.14	18	45.72	152	30	9.14	24	60.96
73	25	7.62	17	43.18	113	28	8.53	17	43.18	153	35	10.67	22	55.88
74	25	7.62	14	35.56	114	25	7.62	18	45.72	154	27	8.23	16	40.64
75	28	8.53	22	55.88	115	18	5.49	10	25.40	155	25	7.62	16	40.64
76	16	4.88	13	33.02	116	26	7.92	19	48.26	156	25	7.62	13	33.02
77	17	5.18	13	33.02	117	30	9.14	24	60.96	157	32	9.75	26	66.04
78	18	5.49	12	30.48	118	23	7.01	15	38.10	158	20	6.10	21	53.34
79	25	7.62	14	35.56	119	20	6.10	16	40.64	159	30	9.14	19	48.26
80	25	7.62	16	40.64	120	30	9.14	24	60.96	160	27	8.23	23	58.42

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)					*Buchanania lanzan* / (Piyal)									
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
161	15	4.57	10	25.40	1	12	3.66	11	27.94	41	15	4.57	12	30.48
162	30	9.14	20	50.80	2	15	4.57	10	25.40	42	14	4.27	10	25.40
163	25	7.62	18	45.72	3	12	3.66	15	38.10	43	17	5.18	14	35.56
164	30	9.14	21	53.34	4	18	5.49	12	30.48	44	16	4.88	13	33.02
165	25	7.62	13	33.02	5	14	4.27	18	45.72	45	16	4.88	15	38.10
166	17	5.18	11	27.94	6	14	4.27	11	27.94	46	16	4.88	11	27.94
167	22	6.71	13	33.02	7	10	3.05	12	30.48	47	20	6.10	11	27.94
168	26	7.92	19	48.26	8	15	4.57	10	25.40	48	18	5.49	10	25.40
169	20	6.10	12	30.48	9	18	5.49	15	38.10	49	18	5.49	11	27.94
170	15	4.57	10	25.40	10	18	5.49	12	30.48	50	14	4.27	10	25.40
171	16	4.88	10	25.40	11	15	4.57	11	27.94	51	20	6.10	14	35.56
172	23	7.01	12	30.48	12	15	4.57	12	30.48	52	21	6.40	17	43.18
173	15	4.57	10	25.40	13	20	6.10	13	33.02	53	18	5.49	15	38.10
174	22	6.71	12	30.48	14	17	5.18	12	30.48	54	17	5.18	10	25.40
175	30	9.14	17	43.18	15	20	6.10	10	25.40	55	19	5.79	14	35.56
176	22	6.71	18	45.72	16	22	6.71	17	43.18	56	15	4.57	10	25.40
177	25	7.62	20	50.80	17	12	3.66	10	25.40	57	17	5.18	11	27.94
178	30	9.14	15	38.10	18	13	3.96	10	25.40	58	20	6.10	14	35.56
179	20	6.10	30	76.20	19	22	6.71	13	33.02	59	18	5.49	10	25.40
180	22	6.71	18	45.72	20	15	4.57	14	35.56	60	18	5.49	13	33.02
181	20	6.10	14	35.56	21	16	4.88	12	30.48	61	15	4.57	12	30.48
182	18	5.49	13	33.02	22	18	5.49	13	33.02	62	15	4.57	10	25.40
183	30	9.14	22	55.88	23	15	4.57	13	33.02	63	20	6.10	13	33.02
184	20	6.10	13	33.02	24	15	4.57	10	25.40	64	16	4.88	11	27.94
185	23	7.01	11	27.94	25	20	6.10	16	40.64	65	20	6.10	12	30.48
186	20	6.10	12	30.48	26	10	3.05	13	33.02	66	15	4.57	10	25.40
187	30	9.14	18	45.72	27	12	3.66	10	25.40	67	16	4.88	10	25.40
188	24	7.32	16	40.64	28	16	4.88	14	35.56	68	20	6.10	14	35.56
189	26	7.92	17	43.18	29	20	6.10	15	38.10	69	17	5.18	12	30.48
190	30	9.14	17	43.18	30	16	4.88	13	33.02	70	14	4.27	10	25.40
191	25	7.62	17	43.18	31	14	4.27	12	30.48	71	25	7.62	15	38.10
192	20	6.10	17	43.18	32	13	3.96	12	30.48	72	20	6.10	12	30.48
193	20	6.10	13	33.02	33	15	4.57	10	25.40	73	18	5.49	10	25.40
194	13	3.96	10	25.40	34	12	3.66	10	25.40	74	20	6.10	13	33.02
195	17	5.18	13	33.02	35	16	4.88	15	38.10	75	18	5.49	12	30.48
196	17	5.18	10	25.40	36	15	4.57	12	30.48	76	40	12.19	27	68.58
197	17	5.18	15	38.10	37	15	4.57	13	33.02	77	15	4.57	11	27.94
					38	12	3.66	10	25.40	78	20	6.10	13	33.02
					39	17	5.18	15	38.10	79	18	5.49	12	30.48
					40	18	5.49	10	25.40	80	16	4.88	12	30.48

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
81	14	4.27	10	25.40	121	15	4.57	14	35.56	161	18	5.49	14	35.56
82	15	4.57	12	30.48	122	17	5.18	11	27.94	162	16	4.88	10	25.40
83	15	4.57	12	30.48	123	10	3.05	15	38.10	163	20	6.10	10	25.40
84	10	3.05	10	25.40	124	15	4.57	11	27.94	164	15	4.57	10	25.40
85	18	5.49	12	30.48	125	15	4.57	14	35.56	165	20	6.10	10	25.40
86	12	3.66	10	25.40	126	15	4.57	10	25.40	166	18	5.49	10	25.40
87	18	5.49	12	30.48	127	20	6.10	11	27.94	167	15	4.57	10	25.40
88	21	6.40	12	30.48	128	20	6.10	13	33.02	168	20	6.10	13	33.02
89	18	5.49	13	33.02	129	22	6.71	14	35.56	169	18	5.49	11	27.94
90	12	3.66	10	25.40	130	18	5.49	10	25.40	170	15	4.57	10	25.40
91	15	4.57	12	30.48	131	25	7.62	13	33.02	171	15	4.57	10	25.40
92	14	4.27	10	25.40	132	18	5.49	10	25.40	172	17	5.18	11	27.94
93	15	4.57	12	30.48	133	20	6.10	11	27.94	173	25	7.62	19	48.26
94	18	5.49	15	38.10	134	20	6.10	12	30.48	174	26	7.92	19	48.26
95	14	4.27	12	30.48	135	30	9.14	18	45.72	175	16	4.88	10	25.40
96	12	3.66	10	25.40	136	15	4.57	11	27.94	176	17	5.18	11	27.94
97	12	3.66	10	25.40	137	30	9.14	15	38.10	177	16	4.88	10	25.40
98	18	5.49	10	25.40	138	20	6.10	11	27.94	178	18	5.49	10	25.40
99	16	4.88	10	25.40	139	22	6.71	13	33.02	179	20	6.10	10	25.40
100	16	4.88	10	25.40	140	19	5.79	11	27.94	180	17	5.18	10	25.40
101	15	4.57	10	25.40	141	20	6.10	14	35.56	181	20	6.10	11	27.94
102	15	4.57	11	27.94	142	28	8.53	12	30.48	182	20	6.10	12	30.48
103	17	5.18	11	27.94	143	15	4.57	11	27.94	183	20	6.10	11	27.94
104	12	3.66	10	25.40	144	20	6.10	11	27.94	184	16	4.88	10	25.40
105	12	3.66	11	27.94	145	19	5.79	12	30.48	185	15	4.57	10	25.40
106	15	4.57	10	25.40	146	20	6.10	11	27.94	186	20	6.10	12	30.48
107	17	5.18	13	33.02	147	15	4.57	12	30.48	187	20	6.10	13	33.02
108	15	4.57	10	25.40	148	20	6.10	12	30.48	188	20	6.10	14	35.56
109	19	5.79	14	35.56	149	25	7.62	12	30.48	189	14	4.27	11	27.94
110	15	4.57	10	25.40	150	20	6.10	13	33.02	190	20	6.10	13	33.02
111	20	6.10	12	30.48	151	20	6.10	17	43.18	191	17	5.18	11	27.94
112	17	5.18	11	27.94	152	20	6.10	10	25.40	192	14	4.27	10	25.40
113	18	5.49	12	30.48	153	25	7.62	16	40.64	193	15	4.57	10	25.40
114	20	6.10	10	25.40	154	27	8.23	12	30.48	194	15	4.57	12	30.48
115	15	4.57	10	25.40	155	25	7.62	17	43.18	195	17	5.18	10	25.40
116	15	4.57	10	25.40	156	30	9.14	11	27.94	196	15	4.57	13	33.02
117	18	5.49	11	27.94	157	18	5.49	16	40.64	197	17	5.18	13	33.02
118	20	6.10	10	25.40	158	25	7.62	11	27.94	198	20	6.10	17	43.18
119	18	5.49	10	25.40	159	19	5.79	12	30.48	199	14	4.27	10	25.40
120	15	4.57	10	25.40	160	20	6.10	13	33.02	200	16	4.88	10	25.40

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)										*Pterocarpus marsupium* / (Piyasal)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
201	14	4.27	10	25.40	241	24	7.32	11	27.94	1	18	5.49	10	25.40
202	25	7.62	17	43.18	242	23	7.01	10	25.40	2	17	5.18	10	25.40
203	30	9.14	18	45.72	243	23	7.01	10	25.40	3	35	10.67	27	68.58
204	13	3.96	10	25.40	244	21	6.40	13	33.02	4	18	5.49	10	25.40
205	15	4.57	12	30.48	245	22	6.71	12	30.48	5	30	9.14	25	63.50
206	22	6.71	13	33.02	246	26	7.92	12	30.48	6	30	9.14	13	33.02
207	18	5.49	15	38.10	247	17	5.18	12	30.48	7	36	10.97	22	55.88
208	14	4.27	10	25.40	248	18	5.49	14	35.56	8	15	4.57	10	25.40
209	18	5.49	12	30.48	249	18	5.49	12	30.48	9	25	7.62	12	30.48
210	20	6.10	10	25.40	250	20	6.10	10	25.40	10	23	7.01	13	33.02
211	20	6.10	17	43.18						11	22	6.71	11	27.94
212	18	5.49	15	38.10						12	18	5.49	10	25.40
213	15	4.57	10	25.40						13	38	11.58	26	66.04
214	18	5.49	13	33.02	*Terminalia bellirica* / (Bohera)					14	36	10.97	27	68.58
215	20	6.10	17	43.18	SL. NO.	Height		Girth		15	40	12.19	31	78.74
216	17	5.18	14	35.56		ft	m	inch	cm	16	35	10.67	23	58.42
217	22	6.71	12	30.48	1	15	4.57	10	25.40	17	26	7.92	14	35.56
218	17	5.18	12	30.48	2	20	6.10	14	35.56	18	25	7.62	15	38.10
219	17	5.18	10	25.40	3	32	9.75	26	66.04	19	30	9.14	16	40.64
220	12	3.66	10	25.40						20	16	4.88	10	25.40
221	22	6.71	17	43.18						21	20	6.10	20	50.80
222	15	4.57	11	27.94										
223	12	3.66	10	25.40	*Lannea coromandelica* / (Geol/Doka)									
224	20	6.10	12	30.48										
225	15	4.57	10	25.40	SL. NO.	Height		Girth						
226	19	5.79	13	33.02		ft	m	inch	cm					
227	16	4.88	10	25.40	1	16	4.88	12	30.48					
228	26	7.92	19	48.26	2	15	4.57	11	27.94					
229	28	8.53	13	33.02	3	25	7.62	11	27.94					
230	15	4.57	11	27.94	4	17	5.18	12	30.48					
231	15	4.57	10	25.40	5	15	4.57	13	33.02					
232	16	4.88	10	25.40	6	17	5.18	13	33.02					
233	17	5.18	10	25.40	7	18	5.49	11	27.94					
234	15	4.57	11	27.94	8	12	3.66	10	25.40					
235	15	4.57	12	30.48	9	16	4.88	11	27.94					
236	19	5.79	12	30.48	10	15	4.57	10	25.40					
237	22	6.71	13	33.02	11	17	5.18	12	30.48					
238	20	6.10	12	30.48	12	13	3.96	12	30.48					
239	20	6.10	12	30.48	13	15	4.57	14	35.56					
240	20	6.10	14	35.56	14	20	6.10	14	35.56					

Careya arborea / (Astha/Kumbhi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94

Ziziphus mauritiana / (Kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	12	30.48
2	17	5.18	16	40.64
3	15	4.57	11	27.94
4	12	3.66	11	27.94

TIRAT-ASANSOLE

Terminalia tomentosa / (Ason)					*Bridelia retusa* / (Kosai)					*Semecarpas anacardium* / (Vella)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	12	3.66	10	25.40	1	25	7.62	20	50.80	1	13	3.96	12	30.48
2	18	5.49	10	25.40	2	22	6.71	12	30.48	2	20	6.10	10	25.40
3	20	6.10	12	30.48	3	23	7.01	20	50.80	3	12	3.66	10	25.40
4	18	5.49	11	27.94	4	19	5.79	19	48.26	4	16	4.88	11	27.94
5	14	4.27	10	25.40	5	16	4.88	13	33.02	5	20	6.10	14	35.56
6	14	4.27	12	30.48	6	15	4.57	14	35.56	6	14	4.27	11	27.94
7	14	4.27	10	25.40	7	16	4.88	10	25.40	7	18	5.49	14	35.56
8	15	4.57	10	25.40	8	25	7.62	16	40.64	8	12	3.66	10	25.40
9	15	4.57	10	25.40	9	25	7.62	17	43.18	9	15	4.57	10	25.40
10	15	4.57	10	25.40	10	26	7.92	16	40.64	10	14	4.27	10	25.40
11	17	5.18	12	30.48						11	20	6.10	12	30.48
12	15	4.57	10	25.40						12	20	6.10	12	30.48
13	16	4.88	10	25.40						13	16	4.88	11	27.94
14	15	4.57	10	25.40	*Lagerstroemia parviflora* / (Sidha)					14	20	6.10	17	43.18
15	15	4.57	11	27.94	SL. NO.	Height		Girth		15	14	4.27	12	30.48
16	14	4.27	11	27.94		ft	m	inch	cm	16	18	5.49	13	33.02
17	23	7.01	11	27.94	1	14	4.27	10	25.40	17	19	5.79	12	30.48
18	12	3.66	10	25.40	2	15	4.57	13	33.02	18	25	7.62	12	30.48
19	15	4.57	10	25.40	3	20	6.10	14	35.56	19	15	4.57	10	25.40
20	20	6.10	10	25.40	4	14	4.27	10	25.40	20	18	5.49	10	25.40
21	15	4.57	10	25.40	5	13	3.96	10	25.40	21	19	5.79	12	30.48
22	15	4.57	10	25.40	6	14	4.27	10	25.40	22	15	4.57	10	25.40
23	28	8.53	13	33.02	7	15	4.57	10	25.40	23	15	4.57	10	25.40
24	17	5.18	11	27.94	8	20	6.10	15	38.10	24	17	5.18	10	25.40
25	17	5.18	12	30.48	9	14	4.27	12	30.48	25	18	5.49	12	30.48
26	20	6.10	13	33.02	10	15	4.57	12	30.48	26	14	4.27	10	25.40
27	12	3.66	10	25.40	11	15	4.57	10	25.40	27	17	5.18	12	30.48
28	18	5.49	11	27.94	12	15	4.57	10	25.40	28	15	4.57	10	25.40
29	15	4.57	10	25.40	13	28	8.53	14	35.56	29	18	5.49	12	30.48
30	15	4.57	10	25.40	14	15	4.57	10	25.40	30	16	4.88	10	25.40
										31	15	4.57	10	25.40
										32	15	4.57	11	27.94
Antidesma ghessembila / (Mathasuro)					*Holarrhena antidysenterica* / (Kurchi)					33	17	5.18	12	30.48
										34	15	4.57	10	25.40
SL. NO.	Height		Girth		SL. NO.	Height		Girth		35	15	4.57	10	25.40
	ft	m	inch	cm		ft	m	inch	cm	36	20	6.10	12	30.48
1	15	4.57	10	25.40	1	12	3.66	17	43.18	37	20	6.10	13	33.02
2	20	6.10	13	33.02	2	14	4.27	10	25.40	38	20	6.10	13	33.02
3	20	6.10	12	30.48	3	16	4.88	11	27.94	39	15	4.57	12	30.48

TIRAT-ASANSOLE

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	23	7.01	14	35.56
2	30	9.14	23	58.42
3	15	4.57	13	33.02
4	20	6.10	12	30.48
5	15	4.57	10	25.40
6	20	6.10	12	30.48
7	20	6.10	13	33.02
8	18	5.49	15	38.10
9	20	6.10	14	35.56
10	15	4.57	12	30.48
11	20	6.10	12	30.48
12	16	4.88	10	25.40
13	18	5.49	10	25.40
14	20	6.10	12	30.48
15	22	6.71	14	35.56
16	25	7.62	16	40.64
17	20	6.10	14	35.56
18	25	7.62	15	38.10
19	15	4.57	10	25.40
20	17	5.18	10	25.40
21	17	5.18	11	27.94
22	16	4.88	11	27.94
23	22	6.71	12	30.48
24	22	6.71	16	40.64
25	37	11.28	23	58.42
26	30	9.14	17	43.18
27	15	4.57	10	25.40
28	20	6.10	12	30.48
29	30	9.14	14	35.56
30	25	7.62	12	30.48
31	17	5.18	11	27.94

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18.00	5.49	10.00	25.40
2	13.00	3.96	14.00	35.56

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	12	30.48

Syzygium cumini / (Chudui)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	15	38.10

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	13	3.96	22	55.88

Adina cordifolia / (Korom/Holdu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	24	7.32	32	81.28

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	10	25.40

Dillenia indica / (Chalta)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	15	38.10
2	20	6.10	17	43.18

Dalbargia latifolia / (Sweti Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	23	58.42

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	14	4.27	10	25.40
2	12	3.66	10	25.40
3	22	6.71	15	38.10
4	12	3.66	10	25.40
5	18	5.49	12	30.48
6	19	5.79	12	30.48
7	25	7.62	16	40.64
8	22	6.71	12	30.48
9	15	4.57	10	25.40
10	20	6.10	12	30.48
11	22	6.71	11	27.94
12	20	6.10	10	25.40
13	17	5.18	11	27.94

Gardenia latifolia / (Dombhurru)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	11	27.94
2	15	4.57	14	35.56

Ixora arborea / (Lohajangi)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	17	5.18	14	35.56

Syzygium jambolanum / (Jam/Kada Jam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	21	53.34

TIRAT-ASANSOLE

Tirat-Asansole SP 10

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	42	12.80	28	71.12	41	35	10.67	10	25.40	81	15	4.57	10	25.40
2	23	7.01	15	38.10	42	30	9.14	20	50.80	82	25	7.62	23	58.42
3	30	9.14	22	55.88	43	35	10.67	20	50.80	83	20	6.10	13	33.02
4	17	5.18	16	40.64	44	35	10.67	23	58.42	84	16	4.88	15	38.10
5	30	9.14	22	55.88	45	25	7.62	10	25.40	85	10	3.05	13	33.02
6	33	10.06	20	50.80	46	20	6.10	23	58.42	86	12	3.66	11	27.94
7	15	4.57	10	25.40	47	34	10.36	22	55.88	87	35	10.67	26	66.04
8	27	8.23	15	38.10	48	40	12.19	26	66.04	88	27	8.23	20	50.80
9	10	3.05	10	25.40	49	12	3.66	10	25.40	89	30	9.14	25	63.50
10	15	4.57	11	27.94	50	10	3.05	15	38.10	90	17	5.18	12	30.48
11	30	9.14	25	63.50	51	9	2.74	12	30.48	91	26	7.92	20	50.80
12	30	9.14	22	55.88	52	30	9.14	28	71.12	92	20	6.10	12	30.48
13	15	4.57	12	30.48	53	35	10.67	17	43.18	93	30	9.14	24	60.96
14	16	4.88	13	33.02	54	30	9.14	22	55.88	94	25	7.62	25	63.50
15	12	3.66	14	35.56	55	30	9.14	18	45.72	95	25	7.62	27	68.58
16	25	7.62	18	45.72	56	30	9.14	22	55.88	96	30	9.14	26	66.04
17	20	6.10	11	27.94	57	25	7.62	22	55.88	97	25	7.62	19	48.26
18	19	5.79	12	30.48	58	30	9.14	18	45.72	98	30	9.14	27	68.58
19	15	4.57	10	25.40	59	35	10.67	22	55.88	99	39	11.89	26	66.04
20	25	7.62	16	40.64	60	18	5.49	16	40.64	100	30	9.14	26	66.04
21	12	3.66	19	48.26	61	35	10.67	20	50.80	101	25	7.62	14	35.56
22	18	5.49	10	25.40	62	16	4.88	13	33.02	102	25	7.62	12	30.48
23	32	9.75	26	66.04	63	15	4.57	22	55.88	103	20	6.10	11	27.94
24	25	7.62	16	40.64	64	13	3.96	14	35.56	104	20	6.10	15	38.10
25	36	10.97	22	55.88	65	16	4.88	10	25.40	105	25	7.62	17	43.18
26	18	5.49	12	30.48	66	25	7.62	15	38.10	106	22	6.71	12	30.48
27	16	4.88	10	25.40	67	50	15.24	30	76.20	107	36	10.97	22	55.88
28	16	4.88	10	25.40	68	35	10.67	22	55.88	108	25	7.62	14	35.56
29	17	5.18	10	25.40	69	28	8.53	21	53.34	109	20	6.10	15	38.10
30	25	7.62	15	38.10	70	16	4.88	20	50.80	110	25	7.62	14	35.56
31	16	4.88	10	25.40	71	40	12.19	27	68.58	111	18	5.49	12	30.48
32	36	10.97	19	48.26	72	30	9.14	25	63.50	112	15	4.57	10	25.40
33	36	10.97	20	50.80	73	25	7.62	20	50.80	113	18	5.49	11	27.94
34	30	9.14	20	50.80	74	42	12.80	26	66.04	114	20	6.10	11	27.94
35	20	6.10	15	38.10	75	30	9.14	22	55.88	115	28	8.53	23	58.42
36	35	10.67	20	50.80	76	25	7.62	24	60.96	116	20	6.10	10	25.40
37	20	6.10	12	30.48	77	30	9.14	26	66.04	117	30	9.14	13	33.02
38	20	6.10	14	35.56	78	12	3.66	12	30.48	118	28	8.53	20	50.80
39	35	10.67	23	58.42	79	20	6.10	15	38.10	119	25	7.62	18	45.72
40	15	4.57	10	25.40	80	50	15.24	32	81.28	120	28	8.53	17	43.18

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	35	10.67	24	60.96	161	18	5.49	10	25.40	201	35	10.67	29	73.66
122	30	9.14	18	45.72	162	35	10.67	22	55.88	202	17	5.18	12	30.48
123	25	7.62	20	50.80	163	25	7.62	14	35.56	203	14	4.27	12	30.48
124	35	10.67	26	66.04	164	30	9.14	20	50.80	204	35	10.67	22	55.88
125	25	7.62	13	33.02	165	15	4.57	13	33.02	205	14	4.27	10	25.40
126	35	10.67	24	60.96	166	20	6.10	20	50.80	206	38	11.58	22	55.88
127	50	15.24	28	71.12	167	18	5.49	14	35.56	207	30	9.14	21	53.34
128	25	7.62	13	33.02	168	17	5.18	14	35.56	208	35	10.67	23	58.42
129	35	10.67	23	58.42	169	30	9.14	12	30.48	209	16	4.88	10	25.40
130	35	10.67	24	60.96	170	30	9.14	14	35.56	210	17	5.18	28	71.12
131	28	8.53	20	50.80	171	18	5.49	10	25.40	211	14	4.27	10	25.40
132	15	4.57	10	25.40	172	30	9.14	22	55.88	212	20	6.10	15	38.10
133	30	9.14	23	58.42	173	40	12.19	20	50.80	213	14	4.27	10	25.40
134	30	9.14	18	45.72	174	20	6.10	16	40.64	214	25	7.62	16	40.64
135	30	9.14	16	40.64	175	18	5.49	10	25.40	215	30	9.14	18	45.72
136	20	6.10	15	38.10	176	32	9.75	20	50.80	216	30	9.14	27	68.58
137	25	7.62	16	40.64	177	30	9.14	25	63.50	217	14	4.27	12	30.48
138	35	10.67	20	50.80	178	20	6.10	14	35.56	218	20	6.10	16	40.64
139	23	7.01	10	25.40	179	22	6.71	14	35.56	219	29	8.84	26	66.04
140	35	10.67	24	60.96	180	30	9.14	18	45.72	220	42	12.80	26	66.04
141	30	9.14	21	53.34	181	22	6.71	19	48.26	221	20	6.10	12	30.48
142	35	10.67	27	68.58	182	27	8.23	20	50.80	222	30	9.14	15	38.10
143	30	9.14	21	53.34	183	25	7.62	18	45.72	223	13	3.96	16	40.64
144	25	7.62	11	27.94	184	30	9.14	15	38.10	224	30	9.14	10	25.40
145	40	12.19	28	71.12	185	18	5.49	22	55.88	225	20	6.10	13	33.02
146	40	12.19	26	66.04	186	25	7.62	21	53.34	226	40	12.19	27	68.58
147	25	7.62	12	30.48	187	25	7.62	16	40.64	227	30	9.14	16	40.64
148	14	4.27	13	33.02	188	25	7.62	12	30.48	228	17	5.18	12	30.48
149	30	9.14	26	66.04	189	20	6.10	15	38.10	229	30	9.14	16	40.64
150	30	9.14	23	58.42	190	17	5.18	17	43.18	230	29	8.84	25	63.50
151	34	10.36	27	68.58	191	35	10.67	30	76.20	231	16	4.88	10	25.40
152	20	6.10	12	30.48	192	30	9.14	28	71.12	232	25	7.62	13	33.02
153	25	7.62	22	55.88	193	30	9.14	26	66.04	233	21	6.40	13	33.02
154	20	6.10	11	27.94	194	23	7.01	19	48.26	234	20	6.10	11	27.94
155	30	9.14	16	40.64	195	35	10.67	24	60.96	235	15	4.57	12	30.48
156	15	4.57	20	50.80	196	20	6.10	12	30.48	236	35	10.67	25	63.50
157	25	7.62	12	30.48	197	30	9.14	15	38.10	237	33	10.06	23	58.42
158	20	6.10	10	25.40	198	25	7.62	17	43.18	238	30	9.14	20	50.80
159	15	4.57	16	40.64	199	17	5.18	11	27.94	239	17	5.18	11	27.94
160	30	9.14	20	50.80	200	30	9.14	16	40.64	240	32	9.75	18	45.72

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	14	4.27	10	25.40	281	30	9.14	20	50.80	321	42	12.80	24	60.96
242	16	4.88	12	30.48	282	35	10.67	20	50.80	322	40	12.19	15	38.10
243	25	7.62	20	50.80	283	20	6.10	15	38.10	323	30	9.14	18	45.72
244	29	8.84	26	66.04	284	24	7.32	18	45.72	324	25	7.62	28	71.12
245	30	9.14	14	35.56	285	20	6.10	15	38.10	325	22	6.71	12	30.48
246	15	4.57	11	27.94	286	20	6.10	13	33.02	326	52	15.85	33	83.82
247	17	5.18	14	35.56	287	21	6.40	11	27.94	327	20	6.10	21	53.34
248	20	6.10	15	38.10	288	30	9.14	18	45.72	328	20	6.10	15	38.10
249	18	5.49	14	35.56	289	35	10.67	22	55.88	329	29	8.84	21	53.34
250	26	7.92	13	33.02	290	40	12.19	19	48.26					
251	16	4.88	23	58.42	291	42	12.80	18	45.72					
252	30	9.14	22	55.88	292	35	10.67	28	71.12					
253	38	11.58	22	55.88	293	45	13.72	31	78.74	*Ziziphus mauritiana* / (Kool)				
254	30	9.14	14	35.56	294	50	15.24	21	53.34	SL. NO.	Height		Girth	
255	28	8.53	16	40.64	295	40	12.19	25	63.50		ft	m	inch	cm
256	25	7.62	15	38.10	296	30	9.14	18	45.72	1	18	5.49	10	25.40
257	20	6.10	12	30.48	297	35	10.67	15	38.10					
258	20	6.10	14	35.56	298	45	13.72	23	58.42					
259	30	9.14	15	38.10	299	55	16.76	33	83.82					
260	20	6.10	14	35.56	300	30	9.14	18	45.72	*Lannea coromandelica* / (Geol/Doka)				
261	18	5.49	14	35.56	301	24	7.32	16	40.64	SL. NO.	Height		Girth	
262	30	9.14	19	48.26	302	14	4.27	10	25.40		ft	m	inch	cm
263	30	9.14	18	45.72	303	15	4.57	10	25.40	1	25	7.62	10	25.40
264	48	14.63	24	60.96	304	40	12.19	20	50.80	2	20	6.10	16	40.64
265	20	6.10	14	35.56	305	21	6.40	15	38.10	3	28	8.53	23	58.42
266	30	9.14	14	35.56	306	15	4.57	14	35.56	4	15	4.57	14	35.56
267	27	8.23	16	40.64	307	25	7.62	17	43.18	5	20	6.10	15	38.10
268	25	7.62	14	35.56	308	30	9.14	28	71.12	6	17	5.18	10	25.40
269	18	5.49	16	40.64	309	30	9.14	10	25.40	7	20	6.10	14	35.56
270	20	6.10	10	25.40	310	40	12.19	22	55.88	8	16	4.88	11	27.94
271	45	13.72	21	53.34	311	20	6.10	18	45.72	9	18	5.49	11	27.94
272	36	10.97	19	48.26	312	22	6.71	31	78.74	10	12	3.66	11	27.94
273	17	5.18	11	27.94	313	30	9.14	19	48.26	11	14	4.27	12	30.48
274	15	4.57	10	25.40	314	42	12.80	11	27.94	12	20	6.10	24	60.96
275	18	5.49	12	30.48	315	36	10.97	26	66.04	13	15	4.57	10	25.40
276	22	6.71	12	30.48	316	15	4.57	28	71.12	14	15	4.57	22	55.88
277	20	6.10	10	25.40	317	50	15.24	15	38.10	15	18	5.49	14	35.56
278	35	10.67	18	45.72	318	50	15.24	31	78.74	16	46	14.02	35	88.90
279	35	10.67	16	40.64	319	30	9.14	31	78.74	17	15	4.57	10	25.40
280	30	9.14	18	45.72	320	48	14.63	20	50.80	18	30	9.14	24	60.96

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	10	25.40	41	15	4.57	14	35.56	81	17	5.18	10	25.40
2	15	4.57	10	25.40	42	15	4.57	10	25.40	82	20	6.10	10	25.40
3	20	6.10	13	33.02	43	13	3.96	10	25.40	83	25	7.62	11	27.94
4	17	5.18	12	30.48	44	25	7.62	17	43.18	84	16	4.88	10	25.40
5	20	6.10	13	33.02	45	15	4.57	10	25.40	85	17	5.18	11	27.94
6	16	4.88	11	27.94	46	15	4.57	17	43.18	86	16	4.88	10	25.40
7	15	4.57	10	25.40	47	15	4.57	12	30.48	87	14	4.27	12	30.48
8	15	4.57	10	25.40	48	25	7.62	14	35.56	88	15	4.57	10	25.40
9	14	4.27	10	25.40	49	16	4.88	10	25.40	89	16	4.88	10	25.40
10	16	4.88	13	33.02	50	25	7.62	13	33.02	90	25	7.62	16	40.64
11	18	5.49	10	25.40	51	14	4.27	10	25.40	91	22	6.71	12	30.48
12	18	5.49	10	25.40	52	18	5.49	10	25.40	92	25	7.62	19	48.26
13	15	4.57	12	30.48	53	20	6.10	10	25.40	93	25	7.62	12	30.48
14	20	6.10	14	35.56	54	24	7.32	12	30.48	94	20	6.10	12	30.48
15	18	5.49	10	25.40	55	20	6.10	14	35.56	95	25	7.62	11	27.94
16	17	5.18	11	27.94	56	23	7.01	13	33.02	96	15	4.57	10	25.40
17	15	4.57	10	25.40	57	15	4.57	10	25.40	97	15	4.57	10	25.40
18	20	6.10	16	40.64	58	25	7.62	12	30.48	98	20	6.10	10	25.40
19	18	5.49	12	30.48	59	12	3.66	10	25.40	99	15	4.57	10	25.40
20	22	6.71	13	33.02	60	20	6.10	12	30.48	100	18	5.49	10	25.40
21	13	3.96	15	38.10	61	16	4.88	10	25.40	101	20	6.10	10	25.40
22	17	5.18	10	25.40	62	25	7.62	13	33.02	102	18	5.49	12	30.48
23	15	4.57	10	25.40	63	27	8.23	12	30.48	103	17	5.18	10	25.40
24	15	4.57	10	25.40	64	15	4.57	12	30.48	104	20	6.10	12	30.48
25	14	4.27	12	30.48	65	15	4.57	12	30.48	105	17	5.18	11	27.94
26	14	4.27	10	25.40	66	15	4.57	10	25.40	106	20	6.10	11	27.94
27	20	6.10	12	30.48	67	20	6.10	11	27.94	107	16	4.88	10	25.40
28	15	4.57	11	27.94	68	16	4.88	10	25.40	108	16	4.88	10	25.40
29	16	4.88	10	25.40	69	20	6.10	11	27.94	109	12	3.66	10	25.40
30	20	6.10	12	30.48	70	12	3.66	10	25.40	110	18	5.49	12	30.48
31	20	6.10	17	43.18	71	17	5.18	10	25.40	111	18	5.49	11	27.94
32	15	4.57	12	30.48	72	15	4.57	10	25.40	112	19	5.79	10	25.40
33	15	4.57	12	30.48	73	20	6.10	10	25.40	113	16	4.88	12	30.48
34	14	4.27	10	25.40	74	18	5.49	12	30.48	114	18	5.49	14	35.56
35	22	6.71	14	35.56	75	18	5.49	12	30.48	115	15	4.57	10	25.40
36	21	6.40	11	27.94	76	16	4.88	10	25.40	116	20	6.10	13	33.02
37	20	6.10	18	45.72	77	12	3.66	10	25.40	117	20	6.10	13	33.02
38	17	5.18	12	30.48	78	18	5.49	11	27.94	118	18	5.49	13	33.02
39	15	4.57	11	27.94	79	15	4.57	13	33.02	119	12	3.66	12	30.48
40	20	6.10	18	45.72	80	20	6.10	10	25.40	120	15	4.57	10	25.40

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	30	9.14	12	30.48	161	15	4.57	12	30.48	201	20	6.10	12	30.48
122	20	6.10	15	38.10	162	14	4.27	11	27.94	202	16	4.88	13	33.02
123	18	5.49	13	33.02	163	14	4.27	10	25.40	203	13	3.96	12	30.48
124	12	3.66	14	35.56	164	16	4.88	14	35.56	204	16	4.88	10	25.40
125	18	5.49	10	25.40	165	16	4.88	12	30.48	205	15	4.57	12	30.48
126	14	4.27	12	30.48	166	15	4.57	11	27.94	206	25	7.62	10	25.40
127	15	4.57	10	25.40	167	25	7.62	17	43.18	207	15	4.57	20	50.80
128	18	5.49	10	25.40	168	21	6.40	15	38.10	208	25	7.62	12	30.48
129	16	4.88	16	40.64	169	16	4.88	13	33.02	209	15	4.57	18	45.72
130	30	9.14	13	33.02	170	15	4.57	10	25.40	210	12	3.66	11	27.94
131	18	5.49	16	40.64	171	20	6.10	13	33.02	211	17	5.18	10	25.40
132	14	4.27	16	40.64	172	25	7.62	17	43.18	212	15	4.57	13	33.02
133	15	4.57	10	25.40	173	12	3.66	10	25.40	213	20	6.10	12	30.48
134	20	6.10	12	30.48	174	13	3.96	10	25.40	214	25	7.62	13	33.02
135	20	6.10	12	30.48	175	12	3.66	10	25.40	215	22	6.71	12	30.48
136	14	4.27	14	35.56	176	20	6.10	14	35.56	216	15	4.57	2	5.08
137	20	6.10	11	27.94	177	16	4.88	13	33.02	217	14	4.27	10	25.40
138	25	7.62	20	50.80	178	14	4.27	12	30.48	218	15	4.57	11	27.94
139	17	5.18	13	33.02	179	16	4.88	12	30.48	219	13	3.96	12	30.48
140	25	7.62	17	43.18	180	16	4.88	10	25.40	220	25	7.62	15	38.10
141	17	5.18	14	35.56	181	14	4.27	10	25.40	221	20	6.10	16	40.64
142	25	7.62	15	38.10	182	20	6.10	14	35.56	222	21	6.40	15	38.10
143	25	7.62	14	35.56	183	14	4.27	10	25.40	223	26	7.92	16	40.64
144	16	4.88	11	27.94	184	18	5.49	12	30.48	224	20	6.10	15	38.10
145	20	6.10	13	33.02	185	14	4.27	10	25.40	225	14	4.27	11	27.94
146	14	4.27	12	30.48	186	15	4.57	10	25.40	226	25	7.62	12	30.48
147	15	4.57	10	25.40	187	30	9.14	15	38.10	227	33	10.06	16	40.64
148	16	4.88	13	33.02	188	15	4.57	10	25.40	228	20	6.10	12	30.48
149	22	6.71	13	33.02	189	18	5.49	12	30.48	229	25	7.62	15	38.10
150	16	4.88	10	25.40	190	20	6.10	14	35.56	230	20	6.10	15	38.10
151	17	5.18	13	33.02	191	25	7.62	12	30.48	231	18	5.49	13	33.02
152	15	4.57	12	30.48	192	15	4.57	10	25.40	232	14	4.27	11	27.94
153	20	6.10	10	25.40	193	14	4.27	10	25.40	233	14	4.27	10	25.40
154	16	4.88	30	76.20	194	20	6.10	14	35.56	234	16	4.88	10	25.40
155	25	7.62	14	35.56	195	30	9.14	19	48.26	235	15	4.57	10	25.40
156	16	4.88	10	25.40	196	17	5.18	13	33.02	236	22	6.71	15	38.10
157	15	4.57	10	25.40	197	18	5.49	12	30.48	237	14	4.27	10	25.40
158	14	4.27	12	30.48	198	20	6.10	13	33.02	238	20	6.10	16	40.64
159	16	4.88	12	30.48	199	20	6.10	12	30.48	239	14	4.27	11	27.94
160	13	3.96	11	27.94	200	18	5.49	13	33.02	240	18	5.49	15	38.10

TIRAT-ASANSOLE

Buchanania lanzan / (Piyal)										*Madhuca latifolia* / (Mahua)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	14	4.27	11	27.94	281	16	4.88	11	27.94	1	28	8.53	16	40.64
242	25	7.62	18	45.72	282	15	4.57	10	25.40	2	15	4.57	18	45.72
243	20	6.10	12	30.48	283	14	4.27	10	25.40	3	20	6.10	14	35.56
244	20	6.10	14	35.56	284	14	4.27	10	25.40	4	17	5.18	11	27.94
245	20	6.10	13	33.02	285	16	4.88	10	25.40	5	15	4.57	12	30.48
246	20	6.10	12	30.48	286	14	4.27	11	27.94	6	20	6.10	18	45.72
247	18	5.49	12	30.48	287	15	4.57	12	30.48	7	25	7.62	12	30.48
248	15	4.57	10	25.40	288	20	6.10	13	33.02	8	15	4.57	10	25.40
249	20	6.10	12	30.48	289	18	5.49	12	30.48	9	15	4.57	14	35.56
250	14	4.27	12	30.48	290	15	4.57	12	30.48	10	17	5.18	13	33.02
251	14	4.27	12	30.48	291	15	4.57	10	25.40	11	15	4.57	10	25.40
252	15	4.57	14	35.56	292	17	5.18	10	25.40	12	15	4.57	12	30.48
253	20	6.10	12	30.48	293	14	4.27	12	30.48	13	28	8.53	17	43.18
254	18	5.49	12	30.48	294	18	5.49	13	33.02	14	30	9.14	19	48.26
255	15	4.57	10	25.40	295	20	6.10	12	30.48	15	20	6.10	15	38.10
256	16	4.88	11	27.94	296	24	7.32	15	38.10	16	15	4.57	14	35.56
257	13	3.96	10	25.40	297	13	3.96	10	25.40	17	23	7.01	16	40.64
258	12	3.66	10	25.40	298	15	4.57	11	27.94	18	25	7.62	12	30.48
259	20	6.10	12	30.48	299	15	4.57	10	25.40	19	35	10.67	27	68.58
260	25	7.62	18	45.72	300	18	5.49	13	33.02	20	30	9.14	28	71.12
261	12	3.66	10	25.40	301	26	7.92	15	38.10	21	20	6.10	13	33.02
262	18	5.49	13	33.02	302	20	6.10	12	30.48	22	30	9.14	20	50.80
263	18	5.49	16	40.64	303	20	6.10	13	33.02	23	30	9.14	20	50.80
264	17	5.18	10	25.40	304	22	6.71	14	35.56	24	15	4.57	10	25.40
265	16	4.88	10	25.40	305	18	5.49	12	30.48	25	20	6.10	16	40.64
266	12	3.66	11	27.94	306	16	4.88	12	30.48	26	25	7.62	14	35.56
267	14	4.27	10	25.40	307	18	5.49	12	30.48	27	29	8.84	21	53.34
268	18	5.49	12	30.48	308	15	4.57	11	27.94	28	26	7.92	15	38.10
269	16	4.88	10	25.40	309	18	5.49	13	33.02	29	30	9.14	20	50.80
270	15	4.57	10	25.40						30	20	6.10	16	40.64
271	20	6.10	12	30.48						31	24	7.32	17	43.18
272	20	6.10	14	35.56						32	25	7.62	20	50.80
273	20	6.10	13	33.02	*Syzygium cumini* / (Chudui)					33	25	7.62	20	50.80
274	13	3.96	10	25.40	SL. NO.	Height		Girth		34	20	6.10	18	45.72
275	14	4.27	10	25.40		ft	m	inch	cm	35	25	7.62	22	55.88
276	20	6.10	12	30.48	1	18	5.49	12	30.48	36	17	5.18	12	30.48
277	28	8.53	16	40.64	2	25	7.62	16	40.64	37	35	10.67	16	40.64
278	14	4.27	10	25.40	3	22	6.71	13	33.02	38	15	4.57	10	25.40
279	15	4.57	10	25.40	4	15	4.57	14	35.56	39	30	9.14	17	43.18
280	15	4.57	10	25.40	5	20	6.10	18	45.72	40	30	9.14	21	53.34

TIRAT-ASANSOLE

Madhuca latifolia / (Mahua)										*Terminalia chebula* / (Haritoki)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	30	9.14	21	53.34	81	32	9.75	17	43.18	1	15	4.57	10	25.40
42	20	6.10	13	33.02	82	20	6.10	14	35.56	2	15	4.57	10	25.40
43	30	9.14	22	55.88	83	21	6.40	13	33.02	3	25	7.62	12	30.48
44	30	9.14	18	45.72	84	20	6.10	12	30.48	4	28	8.53	13	33.02
45	20	6.10	17	43.18	85	25	7.62	12	30.48	5	20	6.10	10	25.40
46	30	9.14	12	30.48	86	21	6.40	15	38.10	6	20	6.10	11	27.94
47	19	5.79	16	40.64	87	20	6.10	14	35.56	7	22	6.71	12	30.48
48	25	7.62	12	30.48	88	20	6.10	13	33.02	8	20	6.10	11	27.94
49	20	6.10	14	35.56	89	18	5.49	12	30.48	9	15	4.57	12	30.48
50	40	12.19	18	45.72	90	18	5.49	10	25.40	10	20	6.10	20	50.80
51	14	4.27	11	27.94	91	16	4.88	10	25.40	11	20	6.10	15	38.10
52	20	6.10	13	33.02	92	30	9.14	18	45.72	12	19	5.79	11	27.94
53	30	9.14	20	50.80	93	29	8.84	22	55.88	13	20	6.10	13	33.02
54	30	9.14	30	76.20	94	36	10.97	26	66.04	14	20	6.10	18	45.72
55	25	7.62	22	55.88	95	24	7.32	18	45.72	15	15	4.57	14	35.56
56	26	7.92	18	45.72	96	30	9.14	22	55.88	16	16	4.88	10	25.40
57	25	7.62	20	50.80										
58	22	6.71	20	50.80										
59	30	9.14	28	71.12	*Terminalia bellirica* / (Bohera)									
60	16	4.88	12	30.48	SL. NO.	Height		Girth		*Flacourtia jangomas* / (Boro Boichi)				
61	22	6.71	18	45.72		ft	m	inch	cm	SL. NO.	Height		Girth	
62	23	7.01	15	38.10	1	33	10.06	17	43.18		ft	m	inch	cm
63	36	10.97	28	71.12	2	14	4.27	10	25.40	1	20	6.10	13	33.02
64	22	6.71	12	30.48	3	20	6.10	12	30.48	2	16	4.88	10	25.40
65	30	9.14	19	48.26						3	20	6.10	12	30.48
66	30	9.14	16	40.64						4	16	4.88	13	33.02
67	15	4.57	12	30.48	*Flacourtia indica* / (Choto Boichi)					5	20	6.10	11	27.94
68	20	6.10	13	33.02	SL. NO.	Height		Girth		6	25	7.62	22	55.88
69	20	6.10	10	25.40		ft	m	inch	cm	7	20	6.10	17	43.18
70	24	7.32	14	35.56	1	20	6.10	11	27.94	8	18	5.49	14	35.56
71	14	4.27	10	25.40	2	20	6.10	15	38.10					
72	15	4.57	14	35.56	3	25	7.62	26	66.04					
73	17	5.18	13	33.02										
74	20	6.10	16	40.64						*Bridelia retusa* / (Kosai)				
75	15	4.57	10	25.40	*Pterocarpus marsupium* / (Piyasal)					SL. NO.	Height		Girth	
76	20	6.10	13	33.02	SL. NO.	Height		Girth			ft	m	inch	cm
77	35	10.67	33	83.82		ft	m	inch	cm	1	30	9.14	24	60.96
78	30	9.14	18	45.72	1	17	5.18	10	25.40	2	35	10.67	26	66.04
79	30	9.14	14	35.56	2	16	4.88	11	27.94	3	19	5.79	14	35.56
80	15	4.57	11	27.94	3	18	5.49	10	25.40	4	32	9.75	23	58.42

TIRAT-ASANSOLE

Lagerstroemia parviflora / (Sidha)					*Semecarpas anacardium* / (Vella)					*Terminalia tomentosa* / (Ason)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	15	4.57	10	25.40	1	17	5.18	11	27.94	1	17	5.18	10	25.40
2	18	5.49	14	35.56	2	20	6.10	14	35.56	2	15	4.57	11	27.94
3	16	4.88	10	25.40	3	20	6.10	12	30.48	3	16	4.88	10	25.40
4	16	4.88	13	33.02	4	20	6.10	11	27.94	4	25	7.62	15	38.10
5	12	3.66	11	27.94	5	20	6.10	14	35.56	5	20	6.10	10	25.40
6	20	6.10	16	40.64	6	20	6.10	14	35.56	6	22	6.71	19	48.26
7	20	6.10	15	38.10	7	15	4.57	10	25.40	7	15	4.57	10	25.40
8	25	7.62	17	43.18	8	20	6.10	12	30.48	8	22	6.71	14	35.56
9	15	4.57	10	25.40	9	20	6.10	10	25.40	9	30	9.14	14	35.56
10	15	4.57	12	30.48	10	15	4.57	12	30.48	10	15	4.57	12	30.48
11	20	6.10	15	38.10	11	17	5.18	10	25.40	11	15	4.57	10	25.40
12	17	5.18	11	27.94	12	15	4.57	10	25.40	12	15	4.57	12	30.48
13	18	5.49	10	25.40	13	25	7.62	13	33.02	13	14	4.27	10	25.40
14	13	3.96	19	48.26	14	17	5.18	10	25.40	14	20	6.10	11	27.94
					15	20	6.10	10	25.40	15	20	6.10	14	35.56
					16	15	4.57	10	25.40	16	20	6.10	12	30.48
					17	17	5.18	11	27.94	17	15	4.57	11	27.94
Anogeissus latifolia / (Dhaw)					18	20	6.10	12	30.48	18	15	4.57	11	27.94
SL. NO.	Height		Girth		19	10	3.05	14	35.56	19	15	4.57	10	25.40
	ft	m	inch	cm	20	15	4.57	14	35.56	20	14	4.27	10	25.40
1	23	7.01	16	40.64	21	14	4.27	11	27.94	21	13	3.96	11	27.94
2	20	6.10	11	27.94	22	14	4.27	10	25.40	22	16	4.88	10	25.40
3	20	6.10	15	38.10	23	16	4.88	10	25.40	23	18	5.49	10	25.40
4	25	7.62	15	38.10	24	15	4.57	10	25.40	24	16	4.88	10	25.40
5	20	6.10	12	30.48	25	20	6.10	12	30.48	25	14	4.27	10	25.40
6	16	4.88	12	30.48	26	12	3.66	10	25.40	26	20	6.10	17	43.18
7	25	7.62	20	50.80	27	25	7.62	16	40.64	27	16	4.88	11	27.94
8	25	7.62	12	30.48	28	15	4.57	11	27.94	28	20	6.10	12	30.48
9	20	6.10	13	33.02	29	16	4.88	10	25.40	29	16	4.88	13	33.02
10	25	7.62	16	40.64	30	14	4.27	10	25.40	30	14	4.27	12	30.48
11	14	4.27	10	25.40	31	20	6.10	10	25.40	31	17	5.18	12	30.48
12	15	4.57	10	25.40	32	17	5.18	12	30.48	32	22	6.71	13	33.02
13	25	7.62	15	38.10	33	20	6.10	10	25.40	33	14	4.27	12	30.48
14	12	3.66	10	25.40	34	16	4.88	10	25.40	34	25	7.62	11	27.94
					35	12	3.66	10	25.40	35	16	4.88	10	25.40
					36	18	5.49	12	30.48	36	15	4.57	13	33.02
Morinda citrifolia / (Choili/Auch)					37	21	6.40	18	45.72	37	18	5.49	10	25.40
SL. NO.	Height		Girth		38	15	4.57	11	27.94	38	15	4.57	14	35.56
	ft	m	inch	cm						39	20	6.10	13	33.02
1	14	4.27	13	33.02						40	15	4.57	10	25.40

TIRAT-ASANSOLE

***Terminalia tomentosa* / (Ason)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
41	18	5.49	10	25.40
42	13	3.96	12	30.48
43	29	8.84	10	25.40
44	14	4.27	10	25.40
45	15	4.57	10	25.40
46	14	4.27	11	27.94

***Syzygium jambolanum* / (Jam/Kada Jam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	*16*	*4.88*	*11*	*27.94*

***Mitragyna parviflora* / (Keli Kadam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	16	40.64

***Gardenia latifolia* / (Dombhurru)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10

Glochidion lanceolarium

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	13	33.02
2	15	4.57	12	30.48

***Butea monosperm* a/ (Palash)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	20	50.80

***Diospyros excelsa* / (Kendu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	10	25.40
2	20	6.10	13	33.02

***Ixora arborea* / (Lohajangi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	14	35.56

***Careya arborea* / (Astha/Kumbhi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	14	4.27	10	25.40

***Holarrhena antidysenterica* / (Kurchi)**

***Symplocos recemosa* / (Lodh)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	19	5.79	13	33.02
3	25	7.62	12	30.48
4	20	6.10	14	35.56
5	15	4.57	12	30.48

***Adina cordifolia* / (Korom/Holdu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56

***Acacia catechu* / (Khayer)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	15	4.57	11	27.94
3	25	7.62	11	27.94

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	20	50.80
2	26	7.92	18	45.72
3	16	4.88	12	30.48
4	20	6.10	14	35.56
5	34	10.36	24	60.96
6	40	12.19	22	55.88
7	28	8.53	20	50.80
8	18	5.49	15	38.10
9	21	6.40	16	40.64
10	25	7.62	15	38.10
11	32	9.75	18	45.72

***Dalbargia latifolia* / (Sweti Sal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	34	10.36	32	81.28
2	20	6.10	14	35.56
3	25	7.62	15	38.10
4	20	6.10	14	35.56

***Azadirachta indica* / (Neem)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	40	101.60

***Dillenia indica* / (Chalta)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	12	30.48
2	15	4.57	10	25.40
3	35	10.67	12	30.48
4	15	4.57	10	25.40
5	20	6.10	12	30.48
6	15	4.57	10	25.40
7	20	6.10	12	30.48
8	25	7.62	34	86.36
9	18	5.49	21	53.34

GARH PANCHKOT

Garh Panchkot SP 1

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	26	66.04	41	20	6.10	13	33.02	81	20	6.10	11	27.94
2	20	6.10	19	48.26	42	18	5.49	15	38.10	82	35	10.67	36	91.44
3	25	7.62	19	48.26	43	20	6.10	12	30.48	83	40	12.19	12	30.48
4	30	9.14	15	38.10	44	13	3.96	15	38.10	84	10	3.05	10	25.40
5	30	9.14	21	53.34	45	14	4.27	12	30.48	85	40	12.19	14	35.56
6	30	9.14	20	50.80	46	15	4.57	10	25.40	86	15	4.57	24	60.96
7	13	3.96	15	38.10	47	12	3.66	10	25.40	87	20	6.10	14	35.56
8	8	2.44	10	25.40	48	30	9.14	22	55.88	88	12	3.66	35	88.90
9	20	6.10	10	25.40	49	13	3.96	15	38.10	89	25	7.62	22	55.88
10	25	7.62	13	33.02	50	12	3.66	11	27.94	90	40	12.19	24	60.96
11	20	6.10	23	58.42	51	15	4.57	11	27.94	91	20	6.10	10	25.40
12	20	6.10	12	30.48	52	11	3.35	12	30.48	92	50	15.24	12	30.48
13	11	3.35	10	25.40	53	15	4.57	12	30.48	93	30	9.14	12	30.48
14	21	6.40	15	38.10	54	20	6.10	30	76.20	94	30	9.14	44	111.76
15	22	6.71	20	50.80	55	22	6.71	30	76.20	95	15	4.57	12	30.48
16	12	3.66	15	38.10	56	20	6.10	18	45.72	96	20	6.10	12	30.48
17	20	6.10	12	30.48	57	25	7.62	14	35.56	97	20	6.10	14	35.56
18	30	9.14	25	63.50	58	25	7.62	15	38.10	98	55	16.76	44	111.76
19	20	6.10	13	33.02	59	20	6.10	12	30.48	99	25	7.62	12	30.48
20	15	4.57	10	25.40	60	15	4.57	11	27.94	100	20	6.10	10	25.40
21	15	4.57	10	25.40	61	15	4.57	11	27.94	101	15	4.57	15	38.10
22	36	10.97	40	101.60	62	27	8.23	45	114.30	102	25	7.62	34	86.36
23	20	6.10	13	33.02	63	15	4.57	11	27.94	103	20	6.10	28	71.12
24	20	6.10	11	27.94	64	20	6.10	11	27.94	104	15	4.57	11	27.94
25	20	6.10	10	25.40	65	35	10.67	40	101.60	105	15	4.57	14	35.56
26	20	6.10	12	30.48	66	35	10.67	45	114.30	106	20	6.10	13	33.02
27	25	7.62	22	55.88	67	20	6.10	19	48.26	107	20	6.10	19	48.26
28	13	3.96	10	25.40	68	15	4.57	10	25.40	108	30	9.14	13	33.02
29	20	6.10	15	38.10	69	25	7.62	13	33.02	109	25	7.62	10	25.40
30	20	6.10	12	30.48	70	20	6.10	14	35.56	110	25	7.62	15	38.10
31	31	9.45	40	101.60	71	15	4.57	10	25.40	111	30	9.14	10	25.40
32	13	3.96	10	25.40	72	15	4.57	10	25.40	112	15	4.57	15	38.10
33	32	9.75	18	45.72	73	20	6.10	12	30.48	113	30	9.14	11	27.94
34	20	6.10	13	33.02	74	20	6.10	17	43.18	114	20	6.10	20	50.80
35	25	7.62	13	33.02	75	30	9.14	30	76.20	115	35	10.67	25	63.50
36	17	5.18	25	63.50	76	25	7.62	13	33.02	116	40	12.19	13	33.02
37	8	2.44	10	25.40	77	25	7.62	22	55.88	117	10	3.05	13	33.02
38	20	6.10	9	22.86	78	30	9.14	12	30.48	118	40	12.19	25	63.50
39	20	6.10	10	25.40	79	15	4.57	12	30.48	119	15	4.57	13	33.02
40	11	3.35	10	25.40	80	30	9.14	33	83.82	120	20	6.10	13	33.02

GARH PANCHKOT

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	12	3.66	25	63.50	161	50	15.24	27	68.58	201	15	4.57	10	25.40
122	25	7.62	25	63.50	162	40	12.19	27	68.58	202	25	7.62	17	43.18
123	40	12.19	33	83.82	163	20	6.10	12	30.48	203	20	6.10	11	27.94
124	20	6.10	19	48.26	164	15	4.57	10	25.40	204	25	7.62	13	33.02
125	50	15.24	10	25.40	165	20	6.10	11	27.94	205	20	6.10	13	33.02
126	30	9.14	13	33.02	166	20	6.10	13	33.02	206	13	3.96	18	45.72
127	30	9.14	14	35.56	167	50	15.24	29	73.66	207	50	15.24	10	25.40
128	15	4.57	10	25.40	168	20	6.10	15	38.10	208	15	4.57	11	27.94
129	20	6.10	10	25.40	169	60	18.29	38	96.52	209	15	4.57	10	25.40
130	20	6.10	12	30.48	170	20	6.10	12	30.48	210	15	4.57	10	25.40
131	55	16.76	17	43.18	171	35	10.67	26	66.04	211	15	4.57	10	25.40
132	25	7.62	30	76.20	172	20	6.10	10	25.40	212	15	4.57	15	38.10
133	20	6.10	13	33.02	173	10	3.05	12	30.48	213	20	6.10	15	38.10
134	20	6.10	22	55.88	174	35	10.67	31	78.74	214	20	6.10	10	25.40
135	40	12.19	15	38.10	175	25	7.62	11	27.94	215	15	4.57	12	30.48
136	50	15.24	12	30.48	176	15	4.57	11	27.94	216	15	4.57	10	25.40
137	20	6.10	22	55.88	177	20	6.10	13	33.02	217	20	6.10	12	30.48
138	15	4.57	12	30.48	178	20	6.10	12	30.48	218	20	6.10	14	35.56
139	30	9.14	12	30.48	179	15	4.57	12	30.48	219	20	6.10	14	35.56
140	33	10.06	20	50.80	180	15	4.57	13	33.02	220	10	3.05	13	33.02
141	20	6.10	11	27.94	181	20	6.10	14	35.56	221	10	3.05	17	43.18
142	36	10.97	15	38.10	182	15	4.57	12	30.48	222	15	4.57	16	40.64
143	20	6.10	11	27.94	183	40	12.19	33	83.82	223	20	6.10	11	27.94
144	12	3.66	12	30.48	184	15	4.57	12	30.48	224	15	4.57	10	25.40
145	25	7.62	10	25.40	185	20	6.10	13	33.02	225	15	4.57	10	25.40
146	15	4.57	14	35.56	186	15	4.57	11	27.94	226	10	3.05	40	101.60
147	15	4.57	11	27.94	187	50	15.24	36	91.44	227	30	9.14	15	38.10
148	30	9.14	20	50.80	188	25	7.62	20	50.80	228	20	6.10	14	35.56
149	20	6.10	25	63.50	189	50	15.24	23	58.42	229	20	6.10	15	38.10
150	25	7.62	13	33.02	190	15	4.57	12	30.48	230	20	6.10	14	35.56
151	30	9.14	13	33.02	191	25	7.62	14	35.56	231	20	6.10	12	30.48
152	30	9.14	25	63.50	192	20	6.10	13	33.02	232	25	7.62	12	30.48
153	50	15.24	25	63.50	193	15	4.57	11	27.94	233	20	6.10	12	30.48
154	12	3.66	33	83.82	194	15	4.57	13	33.02	234	30	9.14	10	25.40
155	30	9.14	21	53.34	195	15	4.57	12	30.48	235	20	6.10	25	63.50
156	15	4.57	10	25.40	196	15	4.57	10	25.40	236	25	7.62	10	25.40
157	20	6.10	10	25.40	197	35	10.67	15	38.10	237	15	4.57	19	48.26
158	20	6.10	15	38.10	198	20	6.10	15	38.10	238	25	7.62	20	50.80
159	50	15.24	22	55.88	199	15	4.57	10	25.40	239	20	6.10	10	25.40
160	50	15.24	24	60.96	200	15	4.57	12	30.48	240	25	7.62	10	25.40

GARH PANCHKOT

Shorea robusta/ (Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
241	25	7.62	14	35.56
242	15	4.57	15	38.10
243	25	7.62	12	30.48
244	25	7.62	12	30.48
245	20	6.10	10	25.40
246	15	4.57	10	25.40
247	20	6.10	20	50.80
248	30	9.14	10	25.40
249	25	7.62	23	58.42
250	40	12.19	10	25.40
251	30	9.14	15	38.10
252	50	15.24	21	53.34
253	23	7.01	31	78.74
254	20	6.10	13	33.02
255	40	12.19	10	25.40
256	25	7.62	11	27.94
257	35	10.67	23	58.42
258	15	4.57	10	25.40

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	42	106.68
2	15	4.57	24	60.96
3	15	4.57	10	25.40
4	10	3.05	10	25.40
5	15	4.57	11	27.94
6	15	4.57	11	27.94
7	15	4.57	10	25.40
8	12	3.66	10	25.40
9	13	3.96	10	25.40
10	10	3.05	10	25.40
11	15	4.57	10	25.40
12	15	4.57	10	25.40
13	14	4.27	11	27.94
14	13	3.96	11	27.94
15	10	3.05	11	27.94
16	15	4.57	10	25.40

Lannea coromandelica / (Geol/Doka)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	15	4.57	10	25.40
3	20	6.10	14	35.56
4	20	6.10	23	58.42
5	15	4.57	11	27.94
6	14	4.27	20	50.80
7	25	7.62	18	45.72
8	15	4.57	17	43.18
9	10	3.05	12	30.48
10	20	6.10	16	40.64
11	15	4.57	16	40.64
12	10	3.05	11	27.94
13	10	3.05	22	55.88
14	15	4.57	12	30.48
15	30	9.14	29	73.66
16	20	6.10	16	40.64
17	10	3.05	13	33.02
18	10	3.05	15	38.10
19	10	3.05	11	27.94
20	10	3.05	12	30.48
21	10	3.05	22	55.88
22	20	6.10	22	55.88
23	10	3.05	22	55.88
24	10	3.05	12	30.48
25	15	4.57	10	25.40
26	20	6.10	17	43.18
27	10	3.05	16	40.64
28	10	3.05	12	30.48
29	20	6.10	13	33.02
30	15	4.57	21	53.34
31	20	6.10	17	43.18
32	10	3.05	24	60.96
33	20	6.10	12	30.48
34	10	3.05	25	63.50
35	20	6.10	11	27.94
36	30	9.14	17	43.18
37	20	6.10	23	58.42
38	15	4.57	18	45.72
39	11	3.35	10	25.40
40	20	6.10	15	38.10

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	20	6.10	15	38.10
3	12	3.66	11	27.94
4	30	9.14	31	78.74
5	30	9.14	23	58.42
6	10	3.05	10	25.40
7	10	3.05	12	30.48
8	20	6.10	15	38.10
9	12	3.66	10	25.40
10	15	4.57	10	25.40
11	15	4.57	10	25.40
12	15	4.57	14	35.56
13	15	4.57	10	25.40
14	20	6.10	10	25.40
15	25	7.62	15	38.10
16	30	9.14	17	43.18
17	15	4.57	10	25.40
18	18	5.49	12	30.48
19	25	7.62	14	35.56
20	25	7.62	19	48.26

Aegle mermalos / (Bel)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	15	38.10
2	16	4.88	13	33.02
3	15	4.57	14	35.56
4	30	9.14	23	58.42

GARH PANCHKOT

Madhuca latifolia / (Mahua)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	0	7.62	17	43.18
2	15	4.57	11	27.94
3	25	7.62	15	38.10
4	30	9.14	25	63.50
5	20	6.10	10	25.40
6	15	4.57	10	25.40
7	16	4.88	12	30.48
8	15	4.57	11	27.94
9	20	6.10	10	25.40
10	36	10.97	15	38.10
11	30	9.14	25	63.50
12	22	6.71	10	25.40
13	20	6.10	12	30.48
14	30	9.14	33	83.82
15	50	15.24	30	76.20
16	16	4.88	20	50.80
17	20	6.10	10	25.40
18	22	6.71	12	30.48
19	32	9.75	16	40.64
20	25	7.62	15	38.10
21	20	6.10	12	30.48
22	25	7.62	10	25.40
23	30	9.14	12	30.48
24	30	9.14	14	35.56
25	25	7.62	19	48.26
26	10	3.05	14	35.56
27	20	6.10	12	30.48
28	20	6.10	10	25.40
29	20	6.10	12	30.48
30	15	4.57	15	38.10
31	20	6.10	15	38.10
32	15	4.57	10	25.40
33	20	6.10	10	25.40
34	10	3.05	11	27.94
35	10	3.05	12	30.48
36	10	3.05	12	30.48
37	40	12.19	25	63.50
38	18	5.49	11	27.94

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	14	35.56
2	10	3.05	15	38.10
3	20	6.10	19	48.26
4	15	4.57	14	35.56
5	15	4.57	10	25.40
6	10	3.05	15	38.10
7	10	3.05	20	50.80
8	10	3.05	10	25.40
9	15	4.57	12	30.48
10	10	3.05	15	38.10
11	14	4.27	10	25.40
12	15	4.57	10	25.40
13	15	4.57	10	25.40

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	18	45.72

Ziziphus mauritiana / (Kool/Boro kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	10	25.40

Gardenia latifolia / (Dombhurru)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	42	106.68

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	12	30.48
2	10	3.05	12	30.48

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	13	33.02
2	16	4.88	10	25.40

Cochlospermum religiosum / (Galgali)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	20	6.10	14	35.56

GARH PANCHKOT

Garh Panchkot SP 2

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	29	8.84	14	35.56	41	15	4.57	10	25.40	81	23	7.01	17	43.18
2	15	4.57	10	25.40	42	25	7.62	10	25.40	82	42	12.80	20	50.80
3	20	6.10	10	25.40	43	35	10.67	18	45.72	83	39	11.89	26	66.04
4	40	12.19	30	76.20	44	20	6.10	10	25.40	84	17	5.18	10	25.40
5	15	4.57	10	25.40	45	20	6.10	10	25.40	85	50	15.24	26	66.04
6	40	12.19	33	83.82	46	20	6.10	10	25.40	86	32	9.75	25	63.50
7	30	9.14	25	63.50	47	40	12.19	31	78.74	87	21	6.40	12	30.48
8	25	7.62	10	25.40	48	30	9.14	17	43.18	88	22	6.71	10	25.40
9	30	9.14	17	43.18	49	25	7.62	12	30.48	89	40	12.19	28	71.12
10	30	9.14	15	38.10	50	30	9.14	13	33.02	90	35	10.67	26	66.04
11	30	9.14	12	30.48	51	30	9.14	12	30.48	91	20	6.10	10	25.40
12	15	4.57	10	25.40	52	30	9.14	12	30.48	92	15	4.57	10	25.40
13	25	7.62	12	30.48	53	15	4.57	10	25.40	93	15	4.57	16	40.64
14	45	13.72	38	96.52	54	25	7.62	15	38.10	94	15	4.57	10	25.40
15	15	4.57	10	25.40	55	25	7.62	10	25.40	95	18	5.49	11	27.94
16	40	12.19	33	83.82	56	25	7.62	12	30.48	96	30	9.14	14	35.56
17	25	7.62	15	38.10	57	20	6.10	15	38.10	97	20	6.10	10	25.40
18	25	7.62	18	45.72	58	25	7.62	11	27.94	98	35	10.67	16	40.64
19	15	4.57	11	27.94	59	25	7.62	10	25.40	99	35	10.67	28	71.12
20	20	6.10	10	25.40	60	25	7.62	10	25.40	100	20	6.10	10	25.40
21	40	12.19	31	78.74	61	22	6.71	10	25.40	101	17	5.18	10	25.40
22	40	12.19	28	71.12	62	35	10.67	25	63.50	102	20	6.10	12	30.48
23	45	13.72	24	60.96	63	18	5.49	10	25.40	103	20	6.10	13	33.02
24	47	14.33	33	83.82	64	30	9.14	10	25.40	104	25	7.62	14	35.56
25	30	9.14	20	50.80	65	28	8.53	11	27.94	105	40	12.19	30	76.20
26	20	6.10	10	25.40	66	30	9.14	16	40.64	106	30	9.14	23	58.42
27	20	6.10	10	25.40	67	27	8.23	11	27.94	107	15	4.57	12	30.48
28	40	12.19	30	76.20	68	47	14.33	40	101.60	108	20	6.10	10	25.40
29	25	7.62	25	63.50	69	15	4.57	10	25.40	109	20	6.10	12	30.48
30	35	10.67	18	45.72	70	30	9.14	16	40.64	110	30	9.14	14	35.56
31	25	7.62	10	25.40	71	42	12.80	29	73.66	111	20	6.10	10	25.40
32	25	7.62	10	25.40	72	16	4.88	10	25.40	112	40	12.19	20	50.80
33	25	7.62	12	30.48	73	45	13.72	32	81.28	113	15	4.57	10	25.40
34	20	6.10	10	25.40	74	28	8.53	12	30.48	114	36	10.97	20	50.80
35	25	7.62	12	30.48	75	25	7.62	11	27.94	115	10	3.05	10	25.40
36	30	9.14	17	43.18	76	45	13.72	26	66.04	116	20	6.10	12	30.48
37	40	12.19	37	93.98	77	32	9.75	18	45.72	117	16	4.88	20	50.80
38	35	10.67	13	33.02	78	36	10.97	13	33.02	118	18	5.49	13	33.02
39	30	9.14	10	25.40	79	42	12.80	17	43.18	119	16	4.88	10	25.40
40	40	12.19	25	63.50	80	15	4.57	13	33.02	120	17	5.18	12	30.48

GARH PANCHKOT

Shorea robusta / (Sal)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	15	4.57	12	30.48	161	40	12.19	25	63.50	201	25	7.62	14	35.56
122	20	6.10	13	33.02	162	45	13.72	30	76.20	202	30	9.14	21	53.34
123	18	5.49	15	38.10	163	24	7.32	15	38.10	203	40	12.19	26	66.04
124	20	6.10	15	38.10	164	40	12.19	13	33.02	204	15	4.57	10	25.40
125	25	7.62	15	38.10	165	15	4.57	12	30.48	205	20	6.10	13	33.02
126	15	4.57	10	25.40	166	45	13.72	29	73.66	206	22	6.71	15	38.10
127	17	5.18	12	30.48	167	15	4.57	10	25.40	207	15	4.57	12	30.48
128	25	7.62	12	30.48	168	25	7.62	13	33.02	208	26	7.92	11	27.94
129	22	6.71	13	33.02	169	25	7.62	12	30.48	209	22	6.71	10	25.40
130	16	4.88	12	30.48	170	45	13.72	36	91.44	210	25	7.62	10	25.40
131	15	4.57	11	27.94	171	26	7.92	13	33.02	211	26	7.92	25	63.50
132	20	6.10	15	38.10	172	20	6.10	14	35.56	212	15	4.57	12	30.48
133	25	7.62	17	43.18	173	42	12.80	36	91.44	213	36	10.97	30	76.20
134	25	7.62	12	30.48	174	20	6.10	13	33.02	214	25	7.62	13	33.02
135	37	11.28	20	50.80	175	55	16.76	30	76.20	215	15	4.57	10	25.40
136	40	12.19	30	76.20	176	30	9.14	20	50.80	216	32	9.75	12	30.48
137	40	12.19	25	63.50	177	30	9.14	20	50.80	217	26	7.92	10	25.40
138	45	13.72	30	76.20	178	20	6.10	15	38.10	218	12	3.66	10	25.40
139	25	7.62	13	33.02	179	20	6.10	16	40.64	219	15	4.57	10	25.40
140	40	12.19	26	66.04	180	15	4.57	10	25.40	220	30	9.14	20	50.80
141	20	6.10	13	33.02	181	45	13.72	22	55.88	221	36	10.97	26	66.04
142	25	7.62	15	38.10	182	20	6.10	12	30.48	222	35	10.67	15	38.10
143	25	7.62	13	33.02	183	20	6.10	15	38.10	223	25	7.62	12	30.48
144	25	7.62	15	38.10	184	25	7.62	13	33.02	224	20	6.10	11	27.94
145	45	13.72	25	63.50	185	12	3.66	14	35.56	225	25	7.62	15	38.10
146	15	4.57	12	30.48	186	12	3.66	10	25.40	226	22	6.71	10	25.40
147	40	12.19	26	66.04	187	15	4.57	10	25.40	227	35	10.67	25	63.50
148	22	6.71	12	30.48	188	18	5.49	14	35.56	228	18	5.49	10	25.40
149	45	13.72	32	81.28	189	15	4.57	10	25.40	229	30	9.14	10	25.40
150	25	7.62	19	48.26	190	40	12.19	25	63.50	230	27	8.23	11	27.94
151	25	7.62	15	38.10	191	20	6.10	16	40.64	231	47	14.33	16	40.64
152	28	8.53	20	50.80	192	25	7.62	15	38.10	232	15	4.57	11	27.94
153	35	10.67	30	76.20	193	25	7.62	13	33.02	233	30	9.14	40	101.60
154	25	7.62	16	40.64	194	20	6.10	13	33.02	234	42	12.80	10	25.40
155	20	6.10	12	30.48	195	45	13.72	34	86.36	235	16	4.88	16	40.64
156	23	7.01	13	33.02	196	32	9.75	23	58.42	236	45	13.72	29	73.66
157	32	9.75	15	38.10	197	17	5.18	10	25.40	237	28	8.53	10	25.40
158	35	10.67	20	50.80	198	21	6.40	10	25.40	238	25	7.62	32	81.28
159	35	10.67	16	40.64	199	35	10.67	19	48.26	239	45	13.72	12	30.48
160	20	6.10	13	33.02	200	41	12.50	28	71.12	240	32	9.75	11	27.94

GARH PANCHKOT

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	30	9.14	26	66.04	281	20	6.10	12	30.48	321	25	7.62	18	45.72
242	42	12.80	18	45.72	282	35	10.67	23	58.42	322	12	3.66	32	81.28
243	15	4.57	13	33.02	283	35	10.67	17	43.18	323	25	7.62	12	30.48
244	23	7.01	17	43.18	284	20	6.10	15	38.10	324	52	15.85	33	83.82
245	42	12.80	13	33.02	285	25	7.62	10	25.40	325	20	6.10	12	30.48
246	15	4.57	17	43.18	286	30	9.14	15	38.10	326	40	12.19	30	76.20
247	23	7.01	20	50.80	287	15	4.57	11	27.94	327	20	6.10	12	30.48
248	42	12.80	26	66.04	288	25	7.62	13	33.02	328	42	12.80	32	81.28
249	39	11.89	10	25.40	289	35	10.67	25	63.50	329	15	4.57	33	83.82
250	17	5.18	26	66.04	290	42	12.80	25	63.50	330	40	12.19	30	76.20
251	15	4.57	25	63.50	291	50	15.24	37	93.98	331	45	13.72	15	38.10
252	32	9.75	12	30.48	292	20	6.10	10	25.40	332	40	12.19	19	48.26
253	21	6.40	10	25.40	293	20	6.10	12	30.48	333	25	7.62	12	30.48
254	22	6.71	28	71.12	294	40	12.19	28	71.12	334	26	7.92	10	25.40
255	40	12.19	26	66.04	295	12	3.66	10	25.40	335	22	6.71	11	27.94
256	35	10.67	10	25.40	296	20	6.10	12	30.48	336	15	4.57	12	30.48
257	20	6.10	10	25.40	297	20	6.10	15	38.10	337	15	4.57	10	25.40
258	15	4.57	11	27.94	298	22	6.71	15	38.10	338	16	4.88	12	30.48
259	15	4.57	16	40.64	299	15	4.57	10	25.40	339	22	6.71	17	43.18
260	15	4.57	10	25.40	300	20	6.10	15	38.10	340	15	4.57	10	25.40
261	18	5.49	11	27.94	301	22	6.71	15	38.10	341	30	9.14	18	45.72
262	30	9.14	14	35.56	302	16	4.88	12	30.48	342	22	6.71	12	30.48
263	20	6.10	10	25.40	303	42	12.80	15	38.10	343	30	9.14	10	25.40
264	35	10.67	16	40.64	304	32	9.75	12	30.48	344	22	6.71		0.00
265	35	10.67	28	71.12	305	20	6.10	12	30.48	345	15	4.57	12	30.48
266	20	6.10	10	25.40	306	20	6.10	15	38.10	346	32	9.75	15	38.10
267	17	5.18	10	25.40	307	15	4.57	10	25.40	347	12	3.66	10	25.40
268	20	6.10	12	30.48	308	30	9.14	16	40.64	348	20	6.10	12	30.48
269	20	6.10	13	33.02	309	20	6.10	10	25.40	349	17	5.18	15	38.10
270	25	7.62	13	33.02	310	25	7.62	14	35.56	350	17	5.18	12	30.48
271	30	9.14	12	30.48	311	25	7.62	12	30.48	351	32	9.75	13	33.02
272	35	10.67	10	25.40	312	35	10.67	22	55.88	352	35	10.67	20	50.80
273	45	13.72	10	25.40	313	40	12.19	15	38.10	353	30	9.14	22	55.88
274	45	13.72	11	27.94	314	34	10.36	25	63.50	354	40	12.19	17	43.18
275	42	12.80	14	35.56	315	22	6.71	10	25.40	355	30	9.14	31	78.74
276	23	7.01	15	38.10	316	36	10.97	40	101.60	356	15	4.57	19	48.26
277	25	7.62	12	30.48	317	25	7.62	12	30.48	357	20	6.10	10	25.40
278	27	8.23	12	30.48	318	15	4.57	10	25.40	358	22	6.71	21	53.34
279	30	9.14	15	38.10	319	25	7.62	17	43.18	359	16	4.88	15	38.10
280	45	13.72	23	58.42	320	12	3.66	10	25.40	360	40	12.19	12	30.48

GARH PANCHKOT

Shorea robusta/ (Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
361	20	6.10	28	71.12
362	20	6.10	13	33.02
363	10	3.05	10	25.40
364	27	8.23	10	25.40
365	22	6.71	15	38.10
366	23	7.01	13	33.02
367	25	7.62	12	30.48
368	30	9.14	10	25.40
369	25	7.62	25	63.50
370	40	12.19	19	48.26
371	30	9.14	30	76.20
372	15	4.57	16	40.64
373	25	7.62	10	25.40
374	25	7.62	15	38.10
375	28	8.53	12	30.48
376	15	4.57	12	30.48
377	32	9.75	12	30.48
378	25	7.62	15	38.10
379	23	7.01	20	50.80
380	25	7.62	17	43.18
381	15	4.57	10	25.40
382	12	3.66	10	25.40
383	22	6.71	12	30.48
384	24	7.32	13	33.02
385	25	7.62	16	40.64
386	16	4.88	10	25.40
387	44	13.41	25	63.50
388	24	7.32	16	40.64
389	14	4.27	10	25.40
390	14	4.27	10	25.40
391	20	6.10	13	33.02
392	35	10.67	22	55.88
393	17	5.18	12	30.48
394	28	8.53	16	40.64
395	16	4.88	10	25.40
396	38	11.58	16	40.64
397	14	4.27	10	25.40

Lannea coromandelica / (Geol/Doka)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	15	4.57	10	25.40	41	15	4.57	11	27.94					
2	29	8.84	30	76.20	42	15	4.57	16	40.64					
3	20	6.10	17	43.18	43	20	6.10	18	45.72					
4	40	12.19	30	76.20	44	27	8.23	22	55.88					
5	15	4.57	10	25.40	45	15	4.57	10	25.40					
6	40	12.19	36	91.44	46	25	7.62	13	33.02					
7	40	12.19	29	73.66	47	20	6.10	11	27.94					
8	23	7.01	13	33.02	48	22	6.71	12	30.48					
9	16	4.88	10	25.40	49	40	12.19	31	78.74					
10	22	6.71	20	50.80	50	40	12.19	36	91.44					
11	25	7.62	18	45.72	51	20	6.10	12	30.48					
12	32	9.75	19	48.26	52	22	6.71	15	38.10					
13	20	6.10	13	33.02	53	30	9.14	20	50.80					
14	25	7.62	16	40.64	54	15	4.57	10	25.40					
15	25	7.62	13	33.02	55	20	6.10	10	25.40					
16	20	6.10	13	33.02	56	12	3.66	10	25.40					
17	25	7.62	12	30.48	57	15	4.57	10	25.40					
18	15	4.57	12	30.48	58	20	6.10	12	30.48					
19	17	5.18	12	30.48	59	20	6.10	17	43.18					
20	35	10.67	23	58.42	60	30	9.14	23	58.42					
21	20	6.10	14	35.56	61	22	6.71	15	38.10					
22	17	5.18	13	33.02	62	32	9.75	17	43.18					
23	22	6.71	13	33.02	63	10	3.05	12	30.48					
24	25	7.62	17	43.18	64	22	6.71	25	63.50					
25	30	9.14	18	45.72	65	21	6.40	11	27.94					
26	25	7.62	20	50.80	66	22	6.71	10	25.40					
27	22	6.71	15	38.10	67	18	5.49	29	73.66					
28	22	6.71	17	43.18	68	30	9.14	18	45.72					
29	25	7.62	18	45.72	69	35	10.67	20	50.80					
30	20	6.10	11	27.94	70	21	6.40	14	35.56					
31	25	7.62	23	58.42										
32	25	7.62	14	35.56										
33	20	6.10	10	25.40										
34	24	7.32	11	27.94										
35	30	9.14	11	27.94										
36	32	9.75	13	33.02										
37	26	7.92	15	38.10										
38	27	8.23	16	40.64										
39	15	4.57	19	48.26										
40	25	7.62	14	35.56										

Aegle mermalos / (Bel)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	17	43.18
2	20	6.10	15	38.10
3	40	12.19	25	63.50
4	40	12.19	26	66.04
5	40	12.19	25	63.50

GARH PANCHKOT

Madhuca latifolia / (Mahua)										*Buchanania lanzan* / (Piyal)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	15	4.57	19	48.26	41	22	6.71	20	50.80	1	10	3.05	12	30.48
2	25	7.62	14	35.56	42	25	7.62	18	45.72	2	15	4.57	10	25.40
3	15	4.57	11	27.94	43	32	9.75	19	48.26	3	16	4.88	12	30.48
4	15	4.57	16	40.64	44	20	6.10	13	33.02	4	20	6.10	17	43.18
5	20	6.10	18	45.72	45	25	7.62	16	40.64	5	15	4.57	10	25.40
6	27	8.23	22	55.88	46	25	7.62	13	33.02	6	20	6.10	12	30.48
7	15	4.57	10	25.40	47	20	6.10	13	33.02	7	15	4.57	10	25.40
8	25	7.62	13	33.02	48	25	7.62	12	30.48	8	15	4.57	20	50.80
9	20	6.10	11	27.94	49	15	4.57	12	30.48	9	20	6.10	13	33.02
10	22	6.71	12	30.48	50	17	5.18	12	30.48	10	15	4.57	10	25.40
11	40	12.19	31	78.74	51	35	10.67	23	58.42	11	15	4.57	20	50.80
12	40	12.19	36	91.44	52	20	6.10	14	35.56	12	10	3.05	10	25.40
13	20	6.10	12	30.48	53	17	5.18	13	33.02	13	12	3.66	10	25.40
14	22	6.71	15	38.10	54	22	6.71	13	33.02	14	32	9.75	25	63.50
15	30	9.14	20	50.80	55	25	7.62	17	43.18	15	15	4.57	12	30.48
16	15	4.57	10	25.40	56	30	9.14	18	45.72	16	42	12.80	30	76.20
17	20	6.10	10	25.40	57	25	7.62	20	50.80	17	20	6.10	13	33.02
18	12	3.66	10	25.40	58	22	6.71	15	38.10	18	22	6.71	15	38.10
19	15	4.57	10	25.40	59	22	6.71	14	35.56	19	25	7.62	15	38.10
20	20	6.10	12	30.48	60	25	7.62	10	25.40	20	15	4.57	12	30.48
21	20	6.10	17	43.18	61	19	5.79	12	30.48	21	15	4.57	10	25.40
22	30	9.14	23	58.42	62	20	6.10	14	35.56	22	20	6.10	16	40.64
23	22	6.71	15	38.10	63	25	7.62	12	30.48	23	15	4.57	10	25.40
24	32	9.75	17	43.18	64	15	4.57	12	30.48	24	25	7.62	12	30.48
25	10	3.05	12	30.48	65	13	3.96	20	50.80	25	23	7.01	12	30.48
26	22	6.71	25	63.50	66	30	9.14	17	43.18	26	15	4.57	10	25.40
27	21	6.40	11	27.94	67	40	12.19	14	35.56	27	15	4.57	11	27.94
28	22	6.71	10	25.40						28	15	4.57	13	33.02
29	18	5.49	10	25.40						29	15	4.57	12	30.48
30	30	9.14	18	45.72	*Soymida febrifuga* / (Rahora)					30	20	6.10	10	25.40
31	35	10.67	29	73.66	SL. NO.	Height		Girth		31	20	6.10	15	38.10
32	15	4.57	10	25.40		ft	m	inch	cm	32	25	7.62	10	25.40
33	29	8.84	30	76.20	1	15	4.57	10	25.40	33	15	4.57	10	25.40
34	20	6.10	17	43.18	2	35	10.67	25	63.50	34	15	4.57	10	25.40
35	40	12.19	30	76.20	3	25	7.62	14	35.56	35	15	4.57	10	25.40
36	15	4.57	10	25.40	4	40	12.19	19	48.26	36	15	4.57	10	25.40
37	40	12.19	36	91.44	5	30	9.14	25	63.50	37	15	4.57	12	30.48
38	40	12.19	29	73.66	6	20	6.10	14	35.56	38	15	4.57	10	25.40
39	23	7.01	13	33.02	7	45	13.72	25	63.50	39	20	6.10	11	27.94
40	16	4.88	10	25.40	8	22	6.71	18	45.72	40	20	6.10	12	30.48

GARH PANCHKOT

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	15	4.57	15	38.10
42	12	3.66	15	38.10
43	20	6.10	15	38.10
44	15	4.57	12	30.48
45	20	6.10	13	33.02
46	25	7.62	17	43.18
47	32	9.75	18	45.72
48	15	4.57	10	25.40
49	16	4.88	12	30.48
50	17	5.18	13	33.02
51	20	6.10	10	25.40
52	13	3.96	10	25.40
53	15	4.57	10	25.40
54	16	4.88	12	30.48
55	20	6.10	12	30.48
56	18	5.49	13	33.02
57	17	5.18	14	35.56
58	15	4.57	10	25.40
59	15	4.57	12	30.48
60	16	4.88	12	30.48
61	15	4.57	12	30.48

Pterocarpus marsupium / (Piyasal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	40	101.60
2	15	4.57	10	25.40
3	12	3.66	10	25.40
4	40	12.19	30	76.20
5	45	13.72	19	48.26

Cassia fistula / (Bandorlathi/Sonalu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	20	6.10	15	38.10
3	30	9.14	17	43.18

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	12	30.48
2	30	9.14	15	38.10
3	20	6.10	12	30.48
4	15	4.57	11	27.94
5	10	3.05	11	27.94
6	10	3.05	10	25.40
7	11	3.35	10	25.40
8	15	4.57	10	25.40
9	16	4.88	10	25.40
10	24	7.32	12	30.48
11	15	4.57	12	30.48
12	20	6.10	13	33.02
13	25	7.62	14	35.56
14	15	4.57	10	25.40
15	15	4.57	12	30.48
16	20	6.10	14	35.56
17	16	4.88	12	30.48
18	12	3.66	10	25.40
19	15	4.57	10	25.40
20	20	6.10	10	25.40
21	20	6.10	10	25.40
22	12	3.66	15	38.10
23	17	5.18	10	25.40
24	15	4.57	10	25.40
25	13	3.96	10	25.40
26	16	4.88	12	30.48
27	15	4.57	12	30.48
28	16	4.88	10	25.40
29	13	3.96	12	30.48

Terminalia tomentosa / (Ason)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	13	33.02
2	25	7.62	21	53.34

Ixora arborea / (Lohajangi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	10	25.40
2	15	4.57	10	25.40

Bridelia retusa / (Kosai)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	15	38.10
2	19	5.79	10	25.40

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	11	3.35	10	25.40
3	14	4.27	10	25.40
4	18	5.49	10	25.40
5	10	3.05	12	30.48
6	15	4.57	27	68.58
7	15	4.57	12	30.48
8	22	6.71	12	30.48
9	21	6.40	10	25.40
10	25	7.62	13	33.02
11	15	4.57	13	33.02
12	16	4.88	12	30.48
13	13	3.96	10	25.40

Adina cordifolia / (Korom/Holdu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	35	88.90
2	15	4.57	10	25.40
3	16	4.88	20	50.80
4	25	7.62	18	45.72
5	62	18.90	75	190.50
6	15	4.57	25	63.50
7	30	9.14	15	38.10

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	19	48.26
2	35	10.67	30	76.20

Morinda citrifolia / (Choili/Auch/Noni)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	17	43.18

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	15	4.57	16	40.64
3	15	4.57	12	30.48
4	15	4.57	10	25.40
5	20	6.10	18	45.72
6	15	4.57	15	38.10
7	15	4.57	20	50.80
8	15	4.57	10	25.40
9	16	4.88	13	33.02
10	20	6.10	19	48.26

Albizia lebbeck / (Swet Siris/Siris)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02

GARH PANCHKOT

Garh Panchkot SP 4

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	35	10.67	25	63.50	41	30	9.14	13	33.02	81	40	12.19	26	66.04
2	20	6.10	11	27.94	42	37	11.28	13	33.02	82	30	9.14	15	38.10
3	25	7.62	12	30.48	43	31	9.45	14	35.56	83	53	16.15	14	35.56
4	27	8.23	11	27.94	44	30	9.14	13	33.02	84	35	10.67	15	38.10
5	30	9.14	13	33.02	45	10	3.05	10	25.40	85	22	6.71	12	30.48
6	32	9.75	10	25.40	46	27	8.23	15	38.10	86	23	7.01	18	45.72
7	20	6.10	12	30.48	47	22	6.71	12	30.48	87	25	7.62	14	35.56
8	25	7.62	11	27.94	48	25	7.62	11	27.94	88	37	11.28	18	45.72
9	17	5.18	10	25.40	49	50	15.24	25	63.50	89	25	7.62	17	43.18
10	20	6.10	14	35.56	50	20	6.10	10	25.40	90	30	9.14	13	33.02
11	20	6.10	10	25.40	51	25	7.62	15	38.10	91	25	7.62	13	33.02
12	25	7.62	10	25.40	52	30	9.14	12	30.48	92	20	6.10	15	38.10
13	32	9.75	18	45.72	53	25	7.62	13	33.02	93	35	10.67	15	38.10
14	25	7.62	13	33.02	54	35	10.67	26	66.04	94	35	10.67	15	38.10
15	26	7.92	10	25.40	55	45	13.72	29	73.66	95	30	9.14	13	33.02
16	32	9.75	12	30.48	56	35	10.67	26	66.04	96	29	8.84	13	33.02
17	35	10.67	11	27.94	57	28	8.53	14	35.56	97	15	4.57	10	25.40
18	32	9.75	13	33.02	58	30	9.14	27	68.58	98	15	4.57	10	25.40
19	28	8.53	13	33.02	59	20	6.10	10	25.40	99	20	6.10	17	43.18
20	25	7.62	10	25.40	60	42	12.80	35	88.90	100	32	9.75	18	45.72
21	17	5.18	12	30.48	61	25	7.62	22	55.88	101	15	4.57	10	25.40
22	16	4.88	10	25.40	62	30	9.14	15	38.10	102	20	6.10	10	25.40
23	15	4.57	10	25.40	63	18	5.49	10	25.40	103	25	7.62	13	33.02
24	30	9.14	12	30.48	64	36	10.97	14	35.56	104	30	9.14	14	35.56
25	25	7.62	14	35.56	65	20	6.10	10	25.40	105	35	10.67	18	45.72
26	30	9.14	17	43.18	66	30	9.14	12	30.48	106	45	13.72	30	76.20
27	35	10.67	14	35.56	67	30	9.14	15	38.10	107	35	10.67	33	83.82
28	21	6.40	15	38.10	68	20	6.10	10	25.40	108	30	9.14	14	35.56
29	25	7.62	12	30.48	69	30	9.14	14	35.56	109	40	12.19	25	63.50
30	22	6.71	13	33.02	70	25	7.62	10	25.40	110	52	15.85	16	40.64
31	19	5.79	14	35.56	71	30	9.14	15	38.10	111	25	7.62	10	25.40
32	17	5.18	11	27.94	72	45	13.72	38	96.52	112	45	13.72	18	45.72
33	60	18.29	36	91.44	73	25	7.62	10	25.40	113	35	10.67	30	76.20
34	55	16.76	32	81.28	74	15	4.57	10	25.40	114	30	9.14	12	30.48
35	50	15.24	19	48.26	75	25	7.62	10	25.40	115	30	9.14	10	25.40
36	30	9.14	11	27.94	76	20	6.10	12	30.48	116	45	13.72	26	66.04
37	29	8.84	12	30.48	77	16	4.88	10	25.40	117	15	4.57	12	30.48
38	20	6.10	11	27.94	78	40	12.19	30	76.20	118	55	16.76	27	68.58
39	30	9.14	12	30.48	79	30	9.14	15	38.10	119	45	13.72	23	58.42
40	27	8.23	13	33.02	80	20	6.10	14	35.56	120	30	9.14	17	43.18

GARH PANCHKOT

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	25	7.62	10	25.40	161	48	14.63	31	78.74	201	23	7.01	14	35.56
122	22	6.71	10	25.40	162	42	12.80	20	50.80	202	25	7.62	17	43.18
123	26	7.92	10	25.40	163	30	9.14	18	45.72	203	25	7.62	11	27.94
124	25	7.62	11	27.94	164	48	14.63	30	76.20	204	20	6.10	10	25.40
125	35	10.67	26	66.04	165	15	4.57	10	25.40	205	35	10.67	17	43.18
126	30	9.14	15	38.10	166	18	5.49	10	25.40	206	35	10.67	20	50.80
127	30	9.14	13	33.02	167	40	12.19	21	53.34	207	35	10.67	12	30.48
128	35	10.67	12	30.48	168	25	7.62	12	30.48	208	45	13.72	38	96.52
129	30	9.14	10	25.40	169	45	13.72	32	81.28	209	30	9.14	12	30.48
130	30	9.14	15	38.10	170	29	8.84	14	35.56	210	25	7.62	10	25.40
131	35	10.67	16	40.64	171	40	12.19	25	63.50	211	25	7.62	18	45.72
132	20	6.10	11	27.94	172	30	9.14	14	35.56	212	30	9.14	10	25.40
133	18	5.49	10	25.40	173	40	12.19	26	66.04	213	25	7.62	11	27.94
134	63	19.20	38	96.52	174	30	9.14	11	27.94	214	40	12.19	26	66.04
135	22	6.71	15	38.10	175	15	4.57	10	25.40	215	45	13.72	26	66.04
136	35	10.67	13	33.02	176	32	9.75	15	38.10	216	33	10.06	18	45.72
137	32	9.75	15	38.10	177	35	10.67	20	50.80	217	45	13.72	25	63.50
138	17	5.18	10	25.40	178	42	12.80	28	71.12	218	15	4.57	11	27.94
139	35	10.67	25	63.50	179	18	5.49	12	30.48	219	30	9.14	18	45.72
140	45	13.72	17	43.18	180	16	4.88	12	30.48	220	20	6.10	13	33.02
141	48	14.63	26	66.04	181	16	4.88	10	25.40	221	20	6.10	12	30.48
142	62	18.90	28	71.12	182	15	4.57	10	25.40	222	18	5.49	10	25.40
143	45	13.72	22	55.88	183	25	7.62	13	33.02	223	25	7.62	12	30.48
144	17	5.18	10	25.40	184	40	12.19	30	76.20	224	17	5.18	10	25.40
145	35	10.67	22	55.88	185	35	10.67	21	53.34	225	40	12.19	23	58.42
146	18	5.49	10	25.40	186	20	6.10	10	25.40	226	42	12.80	23	58.42
147	22	6.71	13	33.02	187	25	7.62	15	38.10	227	36	10.97	24	60.96
148	48	14.63	32	81.28	188	30	9.14	20	50.80	228	15	4.57	10	25.40
149	28	8.53	12	30.48	189	15	4.57	10	25.40	229	55	16.76	30	76.20
150	20	6.10	11	27.94	190	17	5.18	10	25.40	230	30	9.14	14	35.56
151	27	8.23	10	25.40	191	18	5.49	12	30.48	231	25	7.62	10	25.40
152	45	13.72	20	50.80	192	30	9.14	11	27.94	232	15	4.57	10	25.40
153	35	10.67	11	27.94	193	30	9.14	12	30.48	233	35	10.67	28	71.12
154	25	7.62	12	30.48	194	20	6.10	20	50.80	234	25	7.62	12	30.48
155	40	12.19	14	35.56	195	35	10.67	14	35.56	235	30	9.14	10	25.40
156	16	4.88	11	27.94	196	10	3.05	12	30.48	236	30	9.14	15	38.10
157	45	13.72	28	71.12	197	24	7.32	15	38.10	237	41	12.50	30	76.20
158	30	9.14	15	38.10	198	45	13.72	27	68.58	238	29	8.84	21	53.34
159	32	9.75	13	33.02	199	18	5.49	12	30.48	239	32	9.75	14	35.56
160	43	13.11	33	83.82	200	22	6.71	12	30.48	240	35	10.67	15	38.10

GARH PANCHKOT

Shorea robusta / (Sal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
241	37	11.28	17	43.18
242	45	13.72	20	50.80
243	17	5.18	12	30.48
244	15	4.57	11	27.94
245	16	4.88	13	33.02
246	20	6.10	10	25.40
247	30	9.14	13	33.02
248	40	12.19	30	76.20
249	20	6.10	12	30.48
250	30	9.14	22	55.88
251	15	4.57	10	25.40
252	35	10.67	16	40.64
253	40	12.19	30	76.20
254	30	9.14	12	30.48
255	22	6.71	11	27.94
256	26	7.92	12	30.48
257	25	7.62	12	30.48
258	40	12.19	22	55.88
259	33	10.06	12	30.48
260	20	6.10	12	30.48
261	23	7.01	13	33.02
262	52	15.85	26	66.04
263	30	9.14	15	38.10
264	55	16.76	36	91.44
265	20	6.10	14	35.56
266	30	9.14	15	38.10

Tamarindas indica / (Tentul)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	38	96.52

Symplocos recemosa / (Lodh)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	10	25.40

Lannea coromandelica / (Geol/Doka)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	15	4.57	10	25.40	41	18	5.49	10	25.40					
2	22	6.71	14	35.56	42	20	6.10	10	25.40					
3	18	5.49	15	38.10	43	15	4.57	12	30.48					
4	30	9.14	28	71.12	44	17	5.18	10	25.40					
5	17	5.18	10	25.40	45	30	9.14	17	43.18					
6	22	6.71	12	30.48	46	10	3.05	10	25.40					
7	20	6.10	12	30.48	47	15	4.57	11	27.94					
8	28	8.53	14	35.56	48	22	6.71	14	35.56					
9	20	6.10	13	33.02	49	20	6.10	22	55.88					
10	16	4.88	10	25.40	50	10	3.05	10	25.40					
11	15	4.57	10	25.40	51	30	9.14	28	71.12					
12	18	5.49	13	33.02	52	15	4.57	17	43.18					
13	25	7.62	12	30.48	53	27	8.23	26	66.04					
14	15	4.57	10	25.40	54	14	4.27	10	25.40					
15	18	5.49	10	25.40	55	20	6.10	12	30.48					
16	25	7.62	15	38.10	56	36	10.97	38	96.52					
17	20	6.10	13	33.02	57	35	10.67	10	25.40					
18	30	9.14	15	38.10	58	30	9.14	18	45.72					
19	15	4.57	10	25.40	59	15	4.57	12	30.48					
20	17	5.18	10	25.40	60	26	7.92	11	27.94					
21	25	7.62	20	50.80	61	15	4.57	20	50.80					
22	20	6.10	18	45.72	62	43	13.11	14	35.56					
23	20	6.10	12	30.48	63	18	5.49	22	55.88					
24	22	6.71	16	40.64	64	20	6.10	14	35.56					
25	17	5.18	12	30.48	65	35	10.67	11	27.94					
26	20	6.10	10	25.40	66	28	8.53	12	30.48					
27	18	5.49	12	30.48	67	20	6.10	15	38.10					
28	19	5.79	13	33.02	68	15	4.57	10	25.40					
29	17	5.18	15	38.10	69	17	5.18	12	30.48					
30	30	9.14	22	55.88	70	35	10.67	15	38.10					
31	30	9.14	24	60.96	71	30	9.14	20	50.80					
32	25	7.62	12	30.48	72	20	6.10	15	38.10					
33	28	8.53	23	58.42	73	25	7.62	10	25.40					
34	17	5.18	12	30.48	74	32	9.75	17	43.18					
35	28	8.53	20	50.80	75	25	7.62	13	33.02					
36	15	4.57	10	25.40										
37	16	4.88	10	25.40										
38	30	9.14	21	53.34										
39	25	7.62	20	50.80										
40	22	6.71	13	33.02										

GARH PANCHKOT

Madhuca latifolia / (Mahua)										*Buchanania lanzan* / (Piyal)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	25	63.50	41	35	10.67	26	66.04	1	20	6.10	13	33.02
2	35	10.67	16	40.64	42	36	10.97	18	45.72	2	16	4.88	10	25.40
3	20	6.10	25	63.50	43	20	6.10	12	30.48	3	25	7.62	13	33.02
4	25	7.62	13	33.02	44	20	6.10	11	27.94	4	25	7.62	14	35.56
5	20	6.10	14	35.56	45	20	6.10	10	25.40	5	21	6.40	20	50.80
6	21	6.40	18	45.72	46	15	4.57	10	25.40	6	15	4.57	11	27.94
7	25	7.62	13	33.02	47	30	9.14	11	27.94	7	26	7.92	15	38.10
8	19	5.79	10	25.40	48	25	7.62	22	55.88	8	20	6.10	18	45.72
9	26	7.92	13	33.02	49	24	7.32	20	50.80	9	18	5.49	15	38.10
10	30	9.14	12	30.48	50	30	9.14	17	43.18	10	30	9.14	21	53.34
11	18	5.49	12	30.48	51	25	7.62	10	25.40	11	17	5.18	10	25.40
12	22	6.71	17	43.18	52	30	9.14	11	27.94	12	20	6.10	14	35.56
13	20	6.10	14	35.56	53	20	6.10	10	25.40	13	20	6.10	13	33.02
14	22	6.71	14	35.56	54	25	7.62	10	25.40	14	25	7.62	19	48.26
15	28	8.53	10	25.40	55	20	6.10	12	30.48	15	25	7.62	10	25.40
16	28	8.53	14	35.56	56	35	10.67	28	71.12	16	20	6.10	10	25.40
17	35	10.67	26	66.04	57	20	6.10	12	30.48	17	25	7.62	18	45.72
18	28	8.53	26	66.04	58	21	6.40	10	25.40	18	22	6.71	12	30.48
19	15	4.57	11	27.94	59	18	5.49	10	25.40	19	25	7.62	10	25.40
20	30	9.14	27	68.58	60	20	6.10	10	25.40	20	27	8.23	12	30.48
21	30	9.14	10	25.40	61	22	6.71	18	45.72	21	15	4.57	10	25.40
22	15	4.57	10	25.40	62	30	9.14	18	45.72	22	18	5.49	10	25.40
23	25	7.62	10	25.40						23	35	10.67	26	66.04
24	25	7.62	13	33.02						24	15	4.57	10	25.40
25	30	9.14	22	55.88						25	20	6.10	11	27.94
26	35	10.67	22	55.88	*Terminalia bellirica*/ (Bohera)					26	26	7.92	17	43.18
27	37	11.28	14	35.56	SL. NO.	Height		Girth		27	30	9.14	23	58.42
28	32	9.75	12	30.48		ft	m	inch	cm	28	35	10.67	30	76.20
29	36	10.97	13	33.02	1	25	7.62	15	38.10	29	30	9.14	10	25.40
30	33	10.06	22	55.88	2	28	8.53	25	63.50	30	25	7.62	11	27.94
31	45	13.72	25	63.50	3	40	12.19	37	93.98	31	20	6.10	10	25.40
32	30	9.14	12	30.48						32	25	7.62	12	30.48
33	22	6.71	12	30.48						33	10	3.05	11	27.94
34	25	7.62	10	25.40						34	20	6.10	11	27.94
35	25	7.62	10	25.40	*Pterocarpus marsupium* / (Piyasal)					35	26	7.92	10	25.40
36	30	9.14	12	30.48	SL. NO.	Height		Girth		36	30	9.14	15	38.10
37	22	6.71	11	27.94		ft	m	inch	cm	37	30	9.14	12	30.48
38	42	12.80	36	91.44	1	15	4.57	15	38.10	38	29	8.84	18	45.72
39	40	12.19	22	55.88	2	20	6.10	12	30.48	39	29	8.84	16	40.64
40	15	4.57	10	25.40	3	30	9.14	18	45.72	40	19	5.79	11	27.94

GARH PANCHKOT

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	13	3.96	25	63.50	81	15	4.57	20	50.80	121	25	7.62	10	25.40
42	22	6.71	11	27.94	82	15	4.57	17	43.18	122	25	7.62	11	27.94
43	24	7.32	11	27.94	83	10	3.05	12	30.48	123	30	9.14	17	43.18
44	20	6.10	14	35.56	84	15	4.57	11	27.94	124	18	5.49	10	25.40
45	42	12.80	32	81.28	85	25	7.62	12	30.48	125	30	9.14	15	38.10
46	30	9.14	12	30.48	86	26	7.92	18	45.72	126	10	3.05	10	25.40
47	25	7.62	10	25.40	87	25	7.62	10	25.40	127	15	4.57	11	27.94
48	35	10.67	20	50.80	88	13	3.96	10	25.40	128	22	6.71	18	45.72
49	26	7.92	18	45.72	89	25	7.62	11	27.94	129	15	4.57	12	30.48
50	15	4.57	10	25.40	90	16	4.88	10	25.40	130	15	4.57	18	45.72
51	30	9.14	25	63.50	91	15	4.57	10	25.40	131	42	12.80	34	86.36
52	32	9.75	12	30.48	92	20	6.10	12	30.48	132	22	6.71	12	30.48
53	33	10.06	20	50.80	93	16	4.88	10	25.40	133	24	7.32	14	35.56
54	32	9.75	22	55.88	94	25	7.62	13	33.02	134	18	5.49	11	27.94
55	15	4.57	10	25.40	95	16	4.88	10	25.40	135	15	4.57	10	25.40
56	18	5.49	12	30.48	96	32	9.75	14	35.56	136	20	6.10	12	30.48
57	25	7.62	11	27.94	97	20	6.10	12	30.48	137	22	6.71	14	35.56
58	18	5.49	10	25.40	98	20	6.10	14	35.56	138	22	6.71	12	30.48
59	18	5.49	12	30.48	99	20	6.10	11	27.94	139	30	9.14	27	68.58
60	21	6.40	12	30.48	100	22	6.71	13	33.02	140	25	7.62	11	27.94
61	18	5.49	10	25.40	101	25	7.62	11	27.94	141	17	5.18	10	25.40
62	18	5.49	11	27.94	102	35	10.67	10	25.40	142	18	5.49	10	25.40
63	10	3.05	10	25.40	103	25	7.62	12	30.48	143	18	5.49	11	27.94
64	20	6.10	12	30.48	104	32	9.75	16	40.64	144	20	6.10	18	45.72
65	15	4.57	10	25.40	105	25	7.62	13	33.02	145	20	6.10	10	25.40
66	17	5.18	10	25.40	106	33	10.06	18	45.72	146	25	7.62	11	27.94
67	15	4.57	11	27.94	107	29	8.84	13	33.02	147	22	6.71	13	33.02
68	15	4.57	10	25.40	108	20	6.10	12	30.48	148	25	7.62	10	25.40
69	18	5.49	10	25.40	109	18	5.49	10	25.40	149	18	5.49	14	35.56
70	20	6.10	10	25.40	110	35	10.67	22	55.88	150	20	6.10	11	27.94
71	15	4.57	10	25.40	111	25	7.62	11	27.94	151	15	4.57	12	30.48
72	16	4.88	12	30.48	112	15	4.57	12	30.48	152	25	7.62	16	40.64
73	16	4.88	11	27.94	113	28	8.53	13	33.02	153	17	5.18	15	38.10
74	18	5.49	10	25.40	114	22	6.71	14	35.56	154	18	5.49	11	27.94
75	14	4.27	10	25.40	115	28	8.53	14	35.56	155	17	5.18	10	25.40
76	25	7.62	18	45.72	116	30	9.14	11	27.94	156	20	6.10	12	30.48
77	15	4.57	10	25.40	117	30	9.14	11	27.94	157	20	6.10	10	25.40
78	28	8.53	15	38.10	118	25	7.62	11	27.94	158	20	6.10	13	33.02
79	10	3.05	10	25.40	119	25	7.62	10	25.40	159	28	8.53	20	50.80
80	12	3.66	11	27.94	120	26	7.92	12	30.48	160	19	5.79	10	25.40

GARH PANCHKOT

Buchanania lanzan / (Piyal)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
161	18	5.49	10	25.40
162	16	4.88	15	38.10
163	18	5.49	11	27.94
164	20	6.10	10	25.40
165	15	4.57	11	27.94
166	18	5.49	12	30.48
167	28	8.53	14	35.56
168	15	4.57	14	35.56
169	18	5.49	12	30.48
170	25	7.62	11	27.94
171	50	15.24	25	63.50
172	20	6.10	10	25.40
173	25	7.62	15	38.10
174	30	9.14	12	30.48
175	25	7.62	13	33.02
176	20	6.10	13	33.02
177	19	5.79	13	33.02
178	20	6.10	12	30.48

Anogeissus latifolia / (Dhaw)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	20	6.10	12	30.48
3	23	7.01	10	25.40
4	23	7.01	17	43.18
5	20	6.10	14	35.56
6	15	4.57	26	66.04
7	10	3.05	11	27.94
8	27	8.23	30	76.20
9	21	6.40	22	55.88
10	15	4.57	14	35.56
11	25	7.62	22	55.88

Flacourtia jangomas / (Boro Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	10	25.40
2	21	6.40	10	25.40

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	12	30.48
2	10	3.05	10	25.40
3	15	4.57	10	25.40
4	17	5.18	10	25.40
5	17	5.18	11	27.94
6	18	5.49	12	30.48
7	18	5.49	13	33.02
8	10	3.05	10	25.40
9	28	8.53	20	50.80
10	20	6.10	11	27.94
11	18	5.49	11	27.94
12	26	7.92	30	76.20
13	17	5.18	11	27.94
14	12	3.66	10	25.40
15	15	4.57	10	25.40
16	15	4.57	10	25.40
17	17	5.18	10	25.40
18	15	4.57	11	27.94
19	16	4.88	12	30.48
20	15	4.57	10	25.40
21	22	6.71	10	25.40
22	15	4.57	12	30.48
23	12	3.66	10	25.40
24	20	6.10	15	38.10
25	20	6.10	10	25.40

Ixora arborea / (Lohajangi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	20	6.10	14	35.56
3	25	7.62	14	35.56
4	15	4.57	10	25.40
5	13	3.96	10	25.40
6	18	5.49	24	60.96
7	22	6.71	17	43.18

Semecarpas anacardium / (Vella)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	10	25.40

Ziziphus mauritiana / (Kool/Boro kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	22	55.88

Terminalia chebula / (Haritoki)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	14	35.56
2	20	6.10	23	58.42

Mitragyna parviflora / (Keli Kadam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	19	5.79	10	25.40
2	25	7.62	19	48.26

Flacourtia indica / (Choto Boichi)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	14	35.56
2	18	5.49	20	50.80

Gardenia latifolia / (Dombhurru)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	27	68.58

GARH PANCHKOT

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	14	35.56
2	15	4.57	12	30.48
3	15	4.57	10	25.40
4	16	4.88	10	25.40
5	20	6.10	22	55.88
6	15	4.57	10	25.40

Aegle mermalos / (Bel)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	10	25.40
2	22	6.71	18	45.72
3	20	6.10	15	38.10
4	40	12.19	30	76.20
5	32	9.75	17	43.18
6	30	9.14	15	38.10
7	30	9.14	17	43.18
8	10	3.05	14	35.56
9	30	9.14	12	30.48
10	32	9.75	24	60.96
11	30	9.14	18	45.72
12	25	7.62	17	43.18
13	25	7.62	12	30.48
14	20	6.10	13	33.02
15	22	6.71	14	35.56
16	29	8.84	13	33.02
17	30	9.14	13	33.02
18	17	5.18	15	38.10
19	15	4.57	10	25.40
20	30	9.14	19	48.26
21	30	9.14	22	55.88
22	45	13.72	26	66.04
23	20	6.10	14	35.56
24	30	9.14	22	55.88

Cochlospermum religiosum / (Galgali)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	25	63.50
2	35	10.67	17	43.18
3	36	10.97	26	66.04
4	35	10.67	14	35.56
5	30	9.14	15	38.10
6	31	9.45	20	50.80
7	26	7.92	15	38.10
8	25	7.62	11	27.94
9	30	9.14	14	35.56
10	29	8.84	15	38.10
11	35	10.67	33	83.82
12	30	9.14	17	43.18
13	25	7.62	22	55.88
14	25	7.62	12	30.48
15	40	12.19	36	91.44
16	30	9.14	15	38.10
17	25	7.62	15	38.10
18	19	5.79	20	50.80
19	35	10.67	24	60.96
20	20	6.10	10	25.40
21	27	8.23	13	33.02

GARH PANCHKOT

Garh Panchkot SP 5

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	42	12.80	27	68.58	41	20	6.10	11	27.94	81	25	7.62	10	25.40
2	30	9.14	25	63.50	42	18	5.49	10	25.40	82	20	6.10	12	30.48
3	30	9.14	13	33.02	43	10	3.05	12	30.48	83	10	3.05	12	30.48
4	10	3.05	22	55.88	44	35	10.67	28	71.12	84	22	6.71	13	33.02
5	30	9.14	14	35.56	45	30	9.14	20	50.80	85	30	9.14	18	45.72
6	28	8.53	15	38.10	46	45	13.72	30	76.20	86	22	6.71	12	30.48
7	30	9.14	31	78.74	47	40	12.19	27	68.58	87	20	6.10	11	27.94
8	25	7.62	11	27.94	48	35	10.67	23	58.42	88	45	13.72	34	86.36
9	24	7.32	12	30.48	49	22	6.71	12	30.48	89	20	6.10	10	25.40
10	30	9.14	24	60.96	50	40	12.19	24	60.96	90	21	6.40	12	30.48
11	28	8.53	14	35.56	51	10	3.05	12	30.48	91	25	7.62	12	30.48
12	25	7.62	15	38.10	52	40	12.19	26	66.04	92	25	7.62	12	30.48
13	30	9.14	25	63.50	53	40	12.19	30	76.20	93	20	6.10	11	27.94
14	33	10.06	14	35.56	54	42	12.80	17	43.18	94	40	12.19	26	66.04
15	10	3.05	12	30.48	55	30	9.14	13	33.02	95	28	8.53	12	30.48
16	35	10.67	21	53.34	56	20	6.10	22	55.88	96	26	7.92	13	33.02
17	20	6.10	10	25.40	57	20	6.10	12	30.48	97	40	12.19	22	55.88
18	24	7.32	12	30.48	58	20	6.10	11	27.94	98	20	6.10	10	25.40
19	10	3.05	12	30.48	59	18	5.49	10	25.40	99	20	6.10	11	27.94
20	30	9.14	27	68.58	60	30	9.14	38	96.52	100	20	6.10	10	25.40
21	45	13.72	26	66.04	61	18	5.49	11	27.94	101	20	6.10	14	35.56
22	30	9.14	15	38.10	62	40	12.19	26	66.04	102	40	12.19	26	66.04
23	22	6.71	11	27.94	63	22	6.71	10	25.40	103	40	12.19	26	66.04
24	20	6.10	22	55.88	64	20	6.10	11	27.94	104	22	6.71	14	35.56
25	26	7.92	13	33.02	65	25	7.62	12	30.48	105	20	6.10	13	33.02
26	20	6.10	10	25.40	66	35	10.67	28	71.12	106	30	9.14	18	45.72
27	30	9.14	23	58.42	67	22	6.71	12	30.48	107	22	6.71	11	27.94
28	32	9.75	15	38.10	68	30	9.14	18	45.72	108	30	9.14	24	60.96
29	30	9.14	14	35.56	69	20	6.10	10	25.40	109	30	9.14	15	38.10
30	25	7.62	10	25.40	70	20	6.10	14	35.56	110	24	7.32	12	30.48
31	22	6.71	17	43.18	71	25	7.62	11	27.94	111	40	12.19	17	43.18
32	30	9.14	16	40.64	72	32	9.75	15	38.10	112	20	6.10	12	30.48
33	30	9.14	10	25.40	73	24	7.32	14	35.56	113	45	13.72	32	81.28
34	22	6.71	12	30.48	74	20	6.10	10	25.40	114	40	12.19	26	66.04
35	35	10.67	28	71.12	75	21	6.40	10	25.40	115	32	9.75	20	50.80
36	20	6.10	10	25.40	76	18	5.49	12	30.48	116	42	12.80	22	55.88
37	35	10.67	30	76.20	77	20	6.10	10	25.40	117	16	4.88	10	25.40
38	20	6.10	11	27.94	78	17	5.18	10	25.40	118	20	6.10	12	30.48
39	32	9.75	15	38.10	79	15	4.57	10	25.40	119	20	6.10	12	30.48
40	35	10.67	19	48.26	80	50	15.24	41	104.14	120	40	12.19	26	66.04

GARH PANCHKOT

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
121	40	12.19	24	60.96	161	35	10.67	20	50.80	201	26	7.92	25	63.50
122	40	12.19	21	53.34	162	25	7.62	12	30.48	202	12	3.66	15	38.10
123	25	7.62	16	40.64	163	25	7.62	14	35.56	203	30	9.14	24	60.96
124	30	9.14	27	68.58	164	40	12.19	27	68.58	204	30	9.14	11	27.94
125	20	6.10	11	27.94	165	20	6.10	17	43.18	205	35	10.67	25	63.50
126	30	9.14	14	35.56	166	26	7.92	15	38.10	206	18	5.49	20	50.80
127	28	8.53	13	33.02	167	30	9.14	18	45.72	207	20	6.10	10	25.40
128	45	13.72	31	78.74	168	20	6.10	11	27.94	208	42	12.80	22	55.88
129	18	5.49	12	30.48	169	15	4.57	12	30.48	209	16	4.88	11	27.94
130	50	15.24	30	76.20	170	30	9.14	14	35.56	210	17	5.18	13	33.02
131	32	9.75	12	30.48	171	25	7.62	12	30.48	211	15	4.57	10	25.40
132	36	10.97	14	35.56	172	26	7.92	12	30.48	212	17	5.18	15	38.10
133	17	5.18	11	27.94	173	25	7.62	10	25.40	213	28	8.53	15	38.10
134	37	11.28	15	38.10	174	35	10.67	14	35.56	214	15	4.57	10	25.40
135	25	7.62	14	35.56	175	28	8.53	21	53.34	215	25	7.62	10	25.40
136	28	8.53	18	45.72	176	30	9.14	20	50.80	216	25	7.62	12	30.48
137	30	9.14	13	33.02	177	30	9.14	15	38.10	217	25	7.62	15	38.10
138	25	7.62	14	35.56	178	25	7.62	17	43.18	218	35	10.67	22	55.88
139	20	6.10	13	33.02	179	17	5.18	11	27.94	219	15	4.57	13	33.02
140	32	9.75	14	35.56	180	25	7.62	14	35.56	220	15	4.57	10	25.40
141	30	9.14	12	30.48	181	20	6.10	12	30.48	221	30	9.14	12	30.48
142	23	7.01	13	33.02	182	20	6.10	13	33.02	222	36	10.97	15	38.10
143	35	10.67	22	55.88	183	25	7.62	12	30.48	223	35	10.67	22	55.88
144	31	9.45	12	30.48	184	25	7.62	14	35.56	224	15	4.57	13	33.02
145	30	9.14	12	30.48	185	25	7.62	12	30.48	225	20	6.10	10	25.40
146	23	7.01	20	50.80	186	28	8.53	14	35.56	226	17	5.18	10	25.40
147	32	9.75	12	30.48	187	25	7.62	20	50.80	227	20	6.10	13	33.02
148	35	10.67	14	35.56	188	30	9.14	17	43.18	228	20	6.10	12	30.48
149	28	8.53	11	27.94	189	25	7.62	13	33.02	229	26	7.92	24	60.96
150	25	7.62	25	63.50	190	27	8.23	15	38.10	230	30	9.14	24	60.96
151	18	5.49	12	30.48	191	15	4.57	17	43.18	231	20	6.10	12	30.48
152	27	8.23	30	76.20	192	23	7.01	12	30.48	232	15	4.57	12	30.48
153	33	10.06	12	30.48	193	30	9.14	11	27.94	233	30	9.14	13	33.02
154	17	5.18	10	25.40	194	30	9.14	16	40.64	234	25	7.62	14	35.56
155	30	9.14	24	60.96	195	15	4.57	13	33.02	235	26	7.92	12	30.48
156	32	9.75	12	30.48	196	26	7.92	12	30.48	236	25	7.62	13	33.02
157	20	6.10	10	25.40	197	25	7.62	12	30.48	237	35	10.67	18	45.72
158	23	7.01	11	27.94	198	25	7.62	11	27.94	238	28	8.53	17	43.18
159	35	10.67	11	27.94	199	19	5.79	12	30.48	239	30	9.14	14	35.56
160	25	7.62	12	30.48	200	35	10.67	11	27.94	240	30	9.14	12	30.48

GARH PANCHKOT

Shorea robusta / (Sal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
241	25	7.62	10	25.40	281	20	6.10	10	25.40	321	20	6.10	12	30.48
242	17	5.18	14	35.56	282	17	5.18	10	25.40	322	26	7.92	15	38.10
243	25	7.62	31	78.74	283	45	13.72	12	30.48	323	25	7.62	12	30.48
244	20	6.10	12	30.48	284	30	9.14	32	81.28	324	18	5.49	10	25.40
245	25	7.62	11	27.94	285	30	9.14	12	30.48	325	23	7.01	14	35.56
246	25	7.62	10	25.40	286	28	8.53	10	25.40	326	38	11.58	30	76.20
247	25	7.62	11	27.94	287	33	10.06	24	60.96	327	30	9.14	13	33.02
248	28	8.53	11	27.94	288	35	10.67	14	35.56	328	28	8.53	13	33.02
249	25	7.62	13	33.02	289	18	5.49	14	35.56	329	30	9.14	14	35.56
250	30	9.14	25	63.50	290	40	12.19	12	30.48	330	25	7.62	12	30.48
251	25	7.62	12	30.48	291	30	9.14	13	33.02	331	28	8.53	14	35.56
252	27	8.23	13	33.02	292	38	11.58	27	68.58	332	30	9.14	10	25.40
253	15	4.57	10	25.40	293	27	8.23	12	30.48	333	25	7.62	12	30.48
254	23	7.01	17	43.18	294	25	7.62	10	25.40	334	32	9.75	12	30.48
255	30	9.14	15	38.10	295	28	8.53	12	30.48	335	16	4.88	10	25.40
256	34	10.36	18	45.72	296	38	11.58	15	38.10	336	22	6.71	12	30.48
257	15	4.57	12	30.48	297	25	7.62	12	30.48	337	30	9.14	14	35.56
258	16	4.88	11	27.94	298	25	7.62	12	30.48	338	25	7.62	10	25.40
259	20	6.10	12	30.48	299	30	9.14	16	40.64	339	16	4.88	11	27.94
260	26	7.92	12	30.48	300	35	10.67	29	73.66	340	17	5.18	10	25.40
261	55	16.76	12	30.48	301	35	10.67	20	50.80	341	20	6.10	11	27.94
262	20	6.10	35	88.90	302	25	7.62	12	30.48	342	28	8.53	12	30.48
263	25	7.62	10	25.40	303	40	12.19	30	76.20	343	30	9.14	11	27.94
264	20	6.10	12	30.48	304	28	8.53	12	30.48	344	25	7.62	14	35.56
265	42	12.80	10	25.40	305	19	5.79	10	25.40	345	27	8.23	14	35.56
266	22	6.71	27	68.58	306	25	7.62	12	30.48	346	25	7.62	10	25.40
267	21	6.40	10	25.40	307	25	7.62	10	25.40	347	30	9.14	15	38.10
268	42	12.80	10	25.40	308	25	7.62	12	30.48	348	33	10.06	15	38.10
269	15	4.57	26	66.04	309	29	8.84	23	58.42	349	36	10.97	27	68.58
270	10	3.05	10	25.40	310	35	10.67	24	60.96	350	25	7.62	10	25.40
271	32	9.75	10	25.40	311	36	10.97	10	25.40	351	36	10.97	15	38.10
272	26	7.92	15	38.10	312	18	5.49	10	25.40	352	18	5.49	10	25.40
273	27	8.23	10	25.40	313	19	5.79	14	35.56	353	25	7.62	13	33.02
274	28	8.53	12	30.48	314	30	9.14	14	35.56	354	25	7.62	12	30.48
275	35	10.67	14	35.56	315	35	10.67	12	30.48	355	25	7.62	13	33.02
276	40	12.19	31	78.74	316	25	7.62	14	35.56	356	45	13.72	36	91.44
277	35	10.67	25	63.50	317	28	8.53	16	40.64	357	18	5.49	11	27.94
278	25	7.62	22	55.88	318	35	10.67	13	33.02	358	25	7.62	12	30.48
279	27	8.23	10	25.40	319	30	9.14	12	30.48	359	27	8.23	12	30.48
280	25	7.62	12	30.48	320	25	7.62	10	25.40					

GARH PANCHKOT

Lannea coromandelica / (Geol/Doka)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	30	9.14	22	55.88	41	10	3.05	12	30.48	81	15	4.57	10	25.40
2	16	4.88	10	25.40	42	22	6.71	18	45.72	82	19	5.79	18	45.72
3	18	5.49	11	27.94	43	15	4.57	12	30.48	83	25	7.62	14	35.56
4	20	6.10	16	40.64	44	20	6.10	14	35.56	84	17	5.18	13	33.02
5	13	3.96	11	27.94	45	40	12.19	17	43.18	85	18	5.49	10	25.40
6	18	5.49	12	30.48	46	20	6.10	16	40.64	86	22	6.71	14	35.56
7	10	3.05	12	30.48	47	30	9.14	12	30.48	87	12	3.66	10	25.40
8	20	6.10	13	33.02	48	15	4.57	16	40.64	88	13	3.96	11	27.94
9	20	6.10	13	33.02	49	23	7.01	18	45.72	89	16	4.88	10	25.40
10	13	3.96	10	25.40	50	23	7.01	12	30.48	90	17	5.18	12	30.48
11	20	6.10	18	45.72	51	26	7.92	20	50.80	91	16	4.88	10	25.40
12	24	7.32	20	50.80	52	19	5.79	12	30.48	92	18	5.49	10	25.40
13	20	6.10	15	38.10	53	16	4.88	12	30.48	93	20	6.10	10	25.40
14	10	3.05	12	30.48	54	16	4.88	10	25.40	94	35	10.67	25	63.50
15	30	9.14	18	45.72	55	17	5.18	13	33.02	95	30	9.14	12	30.48
16	15	4.57	19	48.26	56	17	5.18	22	55.88	96	17	5.18	10	25.40
17	20	6.10	16	40.64	57	19	5.79	12	30.48	97	14	4.27	10	25.40
18	10	3.05	10	25.40	58	18	5.49	16	40.64	98	18	5.49	15	38.10
19	15	4.57	12	30.48	59	17	5.18	12	30.48	99	20	6.10	12	30.48
20	20	6.10	16	40.64	60	20	6.10	16	40.64	100	18	5.49	12	30.48
21	14	4.27	10	25.40	61	20	6.10	12	30.48	101	25	7.62	17	43.18
22	15	4.57	12	30.48	62	20	6.10	15	38.10	102	10	3.05	11	27.94
23	10	3.05	12	30.48	63	18	5.49	10	25.40	103	23	7.01	15	38.10
24	20	6.10	14	35.56	64	22	6.71	10	25.40	104	19	5.79	12	30.48
25	10	3.05	12	30.48	65	15	4.57	10	25.40	105	20	6.10	13	33.02
26	18	5.49	13	33.02	66	20	6.10	17	43.18	106	17	5.18	13	33.02
27	20	6.10	20	50.80	67	15	4.57	13	33.02	107	10	3.05	12	30.48
28	16	4.88	11	27.94	68	22	6.71	10	25.40	108	20	6.10	15	38.10
29	20	6.10	14	35.56	69	25	7.62	12	30.48	109	18	5.49	12	30.48
30	16	4.88	13	33.02	70	15	4.57	10	25.40	110	17	5.18	10	25.40
31	30	9.14	20	50.80	71	18	5.49	11	27.94	111	35	10.67	14	35.56
32	15	4.57	10	25.40	72	16	4.88	10	25.40	112	18	5.49	10	25.40
33	18	5.49	12	30.48	73	15	4.57	10	25.40					
34	20	6.10	17	43.18	74	17	5.18	12	30.48					
35	16	4.88	14	35.56	75	16	4.88	15	38.10					
36	18	5.49	10	25.40	76	17	5.18	13	33.02					
37	10	3.05	10	25.40	77	22	6.71	16	40.64					
38	16	4.88	12	30.48	78	25	7.62	13	33.02					
39	15	4.57	10	25.40	79	15	4.57	10	25.40					
40	20	6.10	22	55.88	80	28	8.53	17	43.18					

Aegle mermalos / (Bel)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	20	50.80
2	15	4.57	20	50.80

GARH PANCHKOT

Madhuca latifolia / (Mahua)										*Buchanania lanzan* / (Piyal)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	22	6.71	12	30.48	41	20	6.10	15	38.10	1	30	9.14	10	25.40
2	30	9.14	14	35.56	42	20	6.10	12	30.48	2	17	5.18	11	27.94
3	30	9.14	22	55.88	43	20	6.10	10	25.40	3	28	8.53	12	30.48
4	32	9.75	23	58.42	44	10	3.05	12	30.48	4	19	5.79	12	30.48
5	20	6.10	10	25.40	45	25	7.62	14	35.56	5	22	6.71	12	30.48
6	25	7.62	27	68.58	46	30	9.14	19	48.26	6	18	5.49	11	27.94
7	30	9.14	18	45.72	47	30	9.14	18	45.72	7	17	5.18	10	25.40
8	30	9.14	15	38.10	48	20	6.10	13	33.02	8	29	8.84	10	25.40
9	30	9.14	25	63.50	49	16	4.88	10	25.40	9	26	7.92	14	35.56
10	12	3.66	10	25.40	50	30	9.14	18	45.72	10	30	9.14	11	27.94
11	35	10.67	28	71.12	51	25	7.62	19	48.26	11	25	7.62	15	38.10
12	26	7.92	12	30.48	52	35	10.67	22	55.88	12	17	5.18	12	30.48
13	30	9.14	14	35.56	53	25	7.62	17	43.18	13	28	8.53	10	25.40
14	32	9.75	14	35.56	54	35	10.67	16	40.64	14	17	5.18	17	43.18
15	25	7.62	15	38.10	55	33	10.06	28	71.12	15	27	8.23	10	25.40
16	12	3.66	10	25.40	56	30	9.14	15	38.10	16	26	7.92	22	55.88
17	15	4.57	12	30.48	57	32	9.75	18	45.72	17	19	5.79	10	25.40
18	22	6.71	20	50.80	58	20	6.10	10	25.40	18	19	5.79	12	30.48
19	18	5.49	15	38.10	59	37	11.28	36	91.44	19	16	4.88	10	25.40
20	26	7.92	20	50.80						20	20	6.10	10	25.40
21	25	7.62	13	33.02						21	35	10.67	12	30.48
22	28	8.53	17	43.18						22	37	11.28	12	30.48
23	15	4.57	11	27.94	*Ixora arborea* / (Lohajangi)					23	27	8.23	32	81.28
24	25	7.62	12	30.48	SL. NO.	Height		Girth		24	19	5.79	13	33.02
25	17	5.18	12	30.48		ft	m	inch	cm	25	17	5.18	11	27.94
26	25	7.62	13	33.02	1	15	4.57	10	25.40	26	25	7.62	10	25.40
27	16	4.88	15	38.10	2	20	6.10	14	35.56	27	30	9.14	10	25.40
28	30	9.14	22	55.88	3	25	7.62	14	35.56	28	32	9.75	15	38.10
29	20	6.10	12	30.48	4	15	4.57	10	25.40	29	30	9.14	25	63.50
30	21	6.40	10	25.40	5	13	3.96	10	25.40	30	20	6.10	10	25.40
31	25	7.62	12	30.48	6	18	5.49	24	60.96	31	22	6.71	11	27.94
32	18	5.49	11	27.94	7	22	6.71	17	43.18	32	16	4.88	10	25.40
33	40	12.19	25	63.50	8	15	4.57	14	35.56	33	15	4.57	10	25.40
34	10	3.05	12	30.48	9	18	5.49	16	40.64	34	25	7.62	14	35.56
35	10	3.05	12	30.48						35	30	9.14	12	30.48
36	10	3.05	11	27.94						36	25	7.62	12	30.48
37	20	6.10	10	25.40	*Bombax ceiba* / (Lal Simul)					37	28	8.53	20	50.80
38	15	4.57	10	25.40	SL. NO.	Height		Girth		38	25	7.62	15	38.10
39	20	6.10	15	38.10		ft	m	inch	cm	39	27	8.23	12	30.48
40	15	4.57	12	30.48	1	25	7.62	15	38.10	40	20	6.10	12	30.48

Buchanania lanzan / (Piyal)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	35	10.67	18	45.72	81	15	4.57	10	25.40	121	12	3.66	10	25.40
42	17	5.18	10	25.40	82	15	4.57	13	33.02	122	15	4.57	12	30.48
43	17	5.18	12	30.48	83	17	5.18	10	25.40	123	25	7.62	12	30.48
44	17	5.18	12	30.48	84	35	10.67	25	63.50	124	20	6.10	11	27.94
45	16	4.88	11	27.94	85	28	8.53	11	27.94	125	17	5.18	10	25.40
46	25	7.62	26	66.04	86	15	4.57	10	25.40	126	20	6.10	14	35.56
47	15	4.57	10	25.40	87	20	6.10	22	55.88	127	20	6.10	11	27.94
48	16	4.88	10	25.40	88	18	5.49	11	27.94	128	22	6.71	13	33.02
49	18	5.49	12	30.48	89	19	5.79	14	35.56	129	15	4.57	10	25.40
50	15	4.57	11	27.94	90	20	6.10	12	30.48	130	20	6.10	14	35.56
51	25	7.62	10	25.40	91	15	4.57	10	25.40	131	16	4.88	12	30.48
52	15	4.57	12	30.48	92	19	5.79	10	25.40	132	10	3.05	12	30.48
53	26	7.92	15	38.10	93	25	7.62	15	38.10	133	25	7.62	15	38.10
54	17	5.18	10	25.40	94	17	5.18	10	25.40	134	20	6.10	11	27.94
55	15	4.57	12	30.48	95	22	6.71	13	33.02	135	35	10.67	13	33.02
56	25	7.62	14	35.56	96	20	6.10	14	35.56	136	20	6.10	11	27.94
57	22	6.71	12	30.48	97	20	6.10	11	27.94	137	25	7.62	13	33.02
58	18	5.49	12	30.48	98	23	7.01	15	38.10	138	35	10.67	32	81.28
59	22	6.71	12	30.48	99	16	4.88	10	25.40	139	16	4.88	10	25.40
60	20	6.10	12	30.48	100	17	5.18	10	25.40	140	22	6.71	24	60.96
61	17	5.18	11	27.94	101	12	3.66	10	25.40	141	20	6.10	14	35.56
62	30	9.14	25	63.50	102	25	7.62	10	25.40	142	20	6.10	19	48.26
63	10	3.05	12	30.48	103	20	6.10	10	25.40	143	40	12.19	23	58.42
64	22	6.71	10	25.40	104	15	4.57	10	25.40	144	18	5.49	13	33.02
65	16	4.88	10	25.40	105	15	4.57	12	30.48	145	25	7.62	20	50.80
66	19	5.79	17	43.18	106	30	9.14	24	60.96	146	15	4.57	10	25.40
67	30	9.14	22	55.88	107	20	6.10	10	25.40	147	20	6.10	12	30.48
68	35	10.67	21	53.34	108	35	10.67	25	63.50	148	25	7.62	13	33.02
69	22	6.71	15	38.10	109	25	7.62	14	35.56	149	10	3.05	12	30.48
70	16	4.88	11	27.94	110	26	7.92	10	25.40	150	15	4.57	10	25.40
71	20	6.10	11	27.94	111	17	5.18	12	30.48	151	20	6.10	21	53.34
72	30	9.14	15	38.10	112	25	7.62	12	30.48	152	20	6.10	10	25.40
73	25	7.62	12	30.48	113	25	7.62	10	25.40	153	16	4.88	10	25.40
74	28	8.53	15	38.10	114	30	9.14	20	50.80	154	20	6.10	12	30.48
75	25	7.62	12	30.48	115	17	5.18	12	30.48	155	25	7.62	16	40.64
76	20	6.10	10	25.40	116	15	4.57	10	25.40	156	18	5.49	10	25.40
77	20	6.10	12	30.48	117	42	12.80	36	91.44	157	18	5.49	11	27.94
78	24	7.32	16	40.64	118	38	11.58	26	66.04	158	20	6.10	12	30.48
79	18	5.49	15	38.10	119	17	5.18	12	30.48	159	17	5.18	10	25.40
80	15	4.57	12	30.48	120	13	3.96	10	25.40	160	20	6.10	13	33.02

GARH PANCHKOT

***Buchanania lanzan* / (Piyal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
161	18	5.49	10	25.40
162	20	6.10	11	27.94
163	25	7.62	14	35.56
164	18	5.49	10	25.40
165	25	7.62	14	35.56
166	20	6.10	11	27.94
167	21	6.40	20	50.80
168	20	6.10	11	27.94
169	15	4.57	11	27.94
170	28	8.53	22	55.88
171	15	4.57	11	27.94
172	26	7.92	19	48.26
173	22	6.71	13	33.02
174	15	4.57	10	25.40

***Anogeissus latifolia* / (Dhaw)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	12	30.48
2	20	6.10	14	35.56
3	26	7.92	18	45.72
4	25	7.62	15	38.10
5	26	7.92	13	33.02
6	15	4.57	10	25.40
7	16	4.88	20	50.80
8	22	6.71	14	35.56
9	22	6.71	17	43.18

***Terminalia chebula* / (Haritoki)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	42	106.68
2	30	9.14	18	45.72
3	20	6.10	15	38.10
4	16	4.88	18	45.72

***Pterocarpus marsupium* / (Piyasal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48
2	20	6.10	12	30.48

***Mitragyna parviflora* / (Keli Kadam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	19	5.79	10	25.40
2	25	7.62	19	48.26
3	15	4.57	18	45.72
4	20	6.10	16	40.64

***Flacourtia jangomas* / (Boro Boichi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	13	33.02
2	18	5.49	30	76.20

***Gardenia latifolia* / (Dombhurru)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	28	71.12

***Symplocos recemosa* / (Lodh)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02

***Flacourtia indica* / (Choto Boichi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	12	30.48

***Semecarpas anacardium* / (Vella)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	10	25.40
2	16	4.88	10	25.40
3	30	9.14	20	50.80
4	16	4.88	10	25.40
5	20	6.10	11	27.94
6	18	5.49	11	27.94
7	15	4.57	12	30.48
8	20	6.10	13	33.02
9	17	5.18	10	25.40
10	20	6.10	12	30.48
11	17	5.18	10	25.40
12	16	4.88	10	25.40
13	18	5.49	13	33.02
14	16	4.88	10	25.40
15	17	5.18	11	27.94
16	18	5.49	11	27.94
17	35	10.67	17	43.18
18	27	8.23	12	30.48

***Adina cordifolia* / (Korom/Holdu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	18	45.72
2	25	7.62	19	48.26
3	25	7.62	20	50.80

***Albizia lebbeck* / (Swet Siris/Siris)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	15	38.10

***Ficus bengalensis* / (Bot)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56

GARH PANCHKOT

Diospyros excelsa / (Kendu)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	26	66.04
2	20	6.10	13	33.02
3	10	3.05	10	25.40
4	16	4.88	10	25.40
5	15	4.57	10	25.40
6	18	5.49	10	25.40
7	17	5.18	12	30.48
8	16	4.88	10	25.40
9	15	4.57	13	33.02
10	16	4.88	10	25.40
11	12	3.66	11	27.94
12	14	4.27	13	33.02
13	14	4.27	10	25.40
14	16	4.88	10	25.40
15	16	4.88	10	25.40
16	20	6.10	10	25.40
17	10	3.05	12	30.48
18	17	5.18	12	30.48
19	19	5.79	12	30.48
20	12	3.66	11	27.94
21	10	3.05	11	27.94
22	10	3.05	12	30.48

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	12	30.48

Scleichera oleosa / (Kusum)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	20	50.80

Soymida febrifuga / (Rahora)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56

Cochlospermum religiosum / (Galgali)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	28	71.12
2	20	6.10	10	25.40
3	30	9.14	15	38.10
4	22	6.71	12	30.48
5	28	8.53	12	30.48
6	25	7.62	14	35.56
7	40	12.19	22	55.88
8	20	6.10	17	43.18
9	35	10.67	26	66.04
10	35	10.67	14	35.56
11	30	9.14	15	38.10
12	27	8.23	13	33.02
13	31	9.45	20	50.80

GARH PANCHKOT

Garh Panchkot SP 7

Shorea robusta / (Sal)										*Lannea coromandelica* / (Geol/Doka)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	50	15.24	28	71.12	41	40	12.19	28	71.12	1	26	7.92	30	76.20
2	15	4.57	27	68.58	42	35	10.67	26	66.04	2	15	4.57	18	45.72
3	15	4.57	10	25.40	43	20	6.10	10	25.40	3	20	6.10	10	25.40
4	39	11.89	26	66.04	44	15	4.57	10	25.40	4	40	12.19	27	68.58
5	28	8.53	37	93.98	45	25	7.62	16	40.64	5	15	4.57	13	33.02
6	41	12.50	25	63.50	46	32	9.75	23	58.42	6	30	9.14	18	45.72
7	20	6.10	10	25.40	47	40	12.19	25	63.50	7	40	12.19	35	88.90
8	15	4.57	10	25.40	48	50	15.24	35	88.90	8	35	10.67	25	63.50
9	35	10.67	14	35.56	49	35	10.67	18	45.72	9	40	12.19	28	71.12
10	42	12.80	22	55.88	50	56	17.07	36	91.44	10	15	4.57	10	25.40
11	55	16.76	46	116.84	51	15	4.57	16	40.64	11	26	7.92	13	33.02
12	42	12.80	28	71.12	52	15	4.57	10	25.40	12	30	9.14	15	38.10
13	38	11.58	41	104.14	53	18	5.49	11	27.94	13	29	8.84	28	71.12
14	46	14.02	29	73.66	54	30	9.14	14	35.56	14	40	12.19	20	50.80
15	22	6.71	10	25.40	55	20	6.10	10	25.40	15	30	9.14	20	50.80
16	35	10.67	25	63.50	56	35	10.67	16	40.64	16	30	9.14	22	55.88
17	18	5.49	10	25.40	57	35	10.67	28	71.12	17	15	4.57	20	50.80
18	30	9.14	10	25.40	58	20	6.10	20	50.80	18	32	9.75	31	78.74
19	28	8.53	11	27.94	59	17	5.18	10	25.40	19	20	6.10	18	45.72
20	47	14.33	16	40.64						20	42	12.80	26	66.04
21	15	4.57	11	27.94						21	35	10.67	25	63.50
22	50	15.24	40	101.60						22	30	9.14	25	63.50
23	42	12.80	10	25.40	*Madhuca latifolia* / (Mahua)					23	70	21.34	26	66.04
24	16	4.88	10	25.40	SL. NO.	Height		Girth		24	30	9.14	36	91.44
25	45	13.72	32	81.28		ft	m	inch	cm	25	38	11.58	32	81.28
26	28	8.53	12	30.48	1	20	6.10	14	35.56	26	25	7.62	12	30.48
27	25	7.62	11	27.94	2	23	7.01	16	40.64	27	30	9.14	36	91.44
28	45	13.72	26	66.04	3	19	5.79	12	30.48	28	38	11.58	32	81.28
29	32	9.75	18	45.72	4	20	6.10	14	35.56	29	25	7.62	12	30.48
30	30	9.14	13	33.02	5	32	9.75	25	63.50	30	30	9.14	14	35.56
31	42	12.80	17	43.18	6	25	7.62	10	25.40	31	35	10.67	22	55.88
32	15	4.57	13	33.02						32	22	6.71	21	53.34
33	23	7.01	17	43.18						33	50	15.24	31	78.74
34	42	12.80	20	50.80						34	35	10.67	26	66.04
35	39	11.89	26	66.04	*Streblus asper* / (Seora)					35	25	7.62	19	48.26
36	17	5.18	10	25.40	SL. NO.	Height		Girth		36	29	8.84	26	66.04
37	50	15.24	26	66.04		ft	m	inch	cm					
38	32	9.75	25	63.50	1	35	10.67	30	76.20					
39	21	6.40	12	30.48	2	15	4.57	10	25.40					
40	22	6.71	10	25.40	3	15	4.57	11	27.94					

GARH PANCHKOT

***Buchanania lanzan* / (Piyal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	18	45.72
2	25	7.62	13	33.02
3	20	6.10	17	43.18
4	25	7.62	14	35.56
5	30	9.14	22	55.88
6	32	9.75	16	40.64
7	18	5.49	10	25.40
8	28	8.53	20	50.80
9	26	7.92	14	35.56
10	28	8.53	18	45.72

***Pterocarpus marsupium* / (Piyasal)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56
2	30	9.14	14	35.56
3	29	8.84	14	35.56

***Terminalia tomentosa* / (Ason)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	37	11.28	26	66.04
2	35	10.67	20	50.80

***Anogeissus latifolia* / (Dhaw)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	27	8.23	15	38.10
2	10	3.05	16	40.64
3	18	5.49	25	63.50
4	27	8.23	11	27.94
5	15	4.57	21	53.34
6	12	3.66	15	38.10
7	15	4.57	13	33.02
8	10	3.05	11	27.94
9	10	3.05	10	25.40

***Bridelia retusa* / (Kosai)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	20.00	50.80

***Mitragyna parviflora* / (Keli Kadam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	22	55.88
2	10	3.05	10	25.40
3	30	9.14	20	50.80
4	35	10.67	24	60.96
5	34	10.36	31	78.74

***Careya arborea* / (Astha/Kumbhi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	13	33.02
2	15	4.57	14	35.56
3	32	9.75	19	48.26

***Flacourtia indica* / (Choto Boichi)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	15	38.10

***Diospyros excelsa* / (Kendu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	10	25.40
2	18	5.49	20	50.80
3	10	3.05	18	45.72
4	17	5.18	10	25.40
5	15	4.57	10	25.40

***Cassia fistula* / (Bandorlathi/Sonalu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	23	58.42
2	25	7.62	15	38.10
3	15	4.57	11	27.94
4	30	9.14	25	63.50
5	17	5.18	10	25.40
6	20	6.10	12	30.48
7	30	9.14	14	35.56
8	40	12.19	18	45.72

***Adina cordifolia* / (Korom/Holdu)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	24	60.96
2	15	4.57	26	66.04
3	40	12.19	30	76.20
4	50	15.24	37	93.98
5	27	8.23	20	50.80
6	18	5.49	12	30.48
7	25	7.62	15	38.10
8	30	9.14	18	45.72
9	30	9.14	23	58.42
10	25	7.62	11	27.94
11	25	7.62	15	38.10
12	18	5.49	11	27.94

***Syzygium jambolanum* / (Jam)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	28	71.12
2	25	7.62	21	53.34
3	15	4.57	18	45.72
4	30	9.14	25	63.50

GARH PANCHKOT

Acacia catechu / (Khayer)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	12	30.48

Scleichera oleosa / (Kusum)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	32	81.28
2	32	9.75	25	63.50

Ziziphus mauritiana / (Kool/Boro kool)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	24	60.96
2	21	6.40	18	45.72
3	15	4.57	10	25.40

Tamarindas indica / (Tentul)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	10	25.40

Ficus recemosa / (Pahari Dumur)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	20	50.80
2	30	9.14	14	35.56

Ficus hispida / (Dumur)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	12	30.48

Aegle mermalos / (Bel)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	15	38.10
2	30	9.14	13	33.02
3	35	10.67	23	58.42
4	30	9.14	22	55.88
5	25	7.62	18	45.72
6	20	6.10	14	35.56
7	25	7.62	18	45.72
8	15	4.57	10	25.40
9	50	15.24	44	111.76
10	15	4.57	17	43.18
11	40	12.19	22	55.88
12	20	6.10	10	25.40
13	20	6.10	11	27.94
14	38	11.58	27	68.58
15	27	8.23	25	63.50
16	32	9.75	26	66.04
17	28	8.53	32	81.28
18	25	7.62	20	50.80
19	20	6.10	18	45.72
20	23	7.01	30	76.20
21	25	7.62	13	33.02
22	22	6.71	12	30.48
23	20	6.10	15	38.10
24	20	6.10	18	45.72
25	50	15.24	25	63.50
26	50	15.24	18	45.72
27	60	18.29	19	48.26
28	31	9.45	26	66.04
29	44	13.41	31	78.74
30	45	13.72	38	96.52
31	35	10.67	25	63.50
32	37	11.28	26	66.04
33	45	13.72	24	60.96
34	37	11.28	32	81.28
35	28	8.53	20	50.80
36	25	7.62	17	43.18
37	17	5.18	20	50.80
38	28	8.53	22	55.88
39	24	7.32	17	43.18
40	15	4.57	20	50.80

Alstonia scholaris / (Chatim)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	40	101.60
2	25	7.62	20	50.80
3	20	6.10	13	33.02
4	30	9.14	35	88.90
5	33	10.06	22	55.88
6	60	18.29	62	157.48
7	25	7.62	15	38.10
8	27	8.23	18	45.72
9	16	4.88	14	35.56
10	60	18.29	50	127.00
11	30	9.14	14	35.56
12	15	4.57	18	45.72
13	20	6.10	17	43.18
14	30	9.14	18	45.72
15	20	6.10	14	35.56
16	30	9.14	26	66.04
17	35	10.67	20	50.80
18	30	9.14	18	45.72
19	32	9.75	16	40.64
20	30	9.14	15	38.10
21	50	15.24	47	119.38
22	60	18.29	46	116.84
23	35	10.67	40	101.60
24	60	18.29	40	101.60
25	40	12.19	30	76.20
26	50	15.24	52	132.08

Neolamarkia cadamba / (Kadam)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	26	66.04

Artocarpas heterophyllus / (Bon				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	36	91.44

Bombax ceiba / (Lal Simul)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	50	127.00
2	65	19.81	60	152.40
3	60	18.29	60	152.40
4	30	9.14	28	71.12
5	30	9.14	28	71.12
6	80	24.38	60	152.40
7	18	5.49	12	30.48
8	20	6.10	18	45.72
9	42	12.80	26	66.04
10	30	9.14	34	86.36
11	35	10.67	25	63.50
12	30	9.14	36	91.44
13	38	11.58	32	81.28
14	30	9.14	14	35.56
15	35	10.67	22	55.88
16	22	6.71	21	53.34
17	50	15.24	31	78.74
18	50	15.24	31	78.74
19	35	10.67	26	66.04
20	25	7.62	19	48.26
21	29	8.84	26	66.04

CHANDABILA-TOPOBAN

Chandabila Topoban SP 2

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	21	53.34	50	25	7.62	15	38.10	99	45	13.72	40	101.60
2	25	7.62	15	38.10	51	17	5.18	10	25.40	100	35	10.67	21	53.34
3	25	7.62	13	33.02	52	30	9.14	18	45.72	101	30	9.14	51	129.54
4	15	4.57	12	30.48	53	15	4.57	8	20.32	102	28	8.53	16	40.64
5	25	7.62	13	33.02	54	15	4.57	8	20.32	103	38	11.58	18	45.72
6	25	7.62	22	55.88	55	28	8.53	19	48.26	104	35	10.67	20	50.80
7	40	12.19	34	86.36	56	17	5.18	9	22.86	105	35	10.67	42	106.68
8	35	10.67	2	5.08	57	25	7.62	11	27.94	106	25	7.62	21	53.34
9	30	9.14	19	48.26	58	25	7.62	16	40.64	107	20	6.10	15	38.10
10	30	9.14	21	53.34	59	17	5.18	9	22.86	108	30	9.14	22	55.88
11	18	5.49	19	48.26	60	30	9.14	19	48.26	109	20	6.10	12	30.48
12	35	10.67	15	38.10	61	17	5.18	10	25.40	110	15	4.57	10	25.40
13	30	9.14	19	48.26	62	25	7.62	14	35.56	111	30	9.14	17	43.18
14	15	4.57	11	27.94	63	25	7.62	16	40.64	112	35	10.67	20	50.80
15	35	10.67	29	73.66	64	25	7.62	15	38.10	113	30	9.14	20	50.80
16	35	10.67	15	38.10	65	25	7.62	12	30.48	114	20	6.10	12	30.48
17	25	7.62	17	43.18	66	35	10.67	19	48.26	115	20	6.10	35	88.90
18	40	12.19	20	50.80	67	30	9.14	15	38.10	116	25	7.62	13	33.02
19	35	10.67	19	48.26	68	28	8.53	15	38.10	117	20	6.10	17	43.18
20	38	11.58	19	48.26	69	25	7.62	18	45.72	118	20	6.10	19	48.26
21	25	7.62	13	33.02	70	28	8.53	15	38.10	119	30	9.14	21	53.34
22	28	8.53	13	33.02	71	17	5.18	10	25.40	120	38	11.58	40	101.60
23	25	7.62	26	66.04	72	22	6.71	12	30.48	121	20	6.10	15	38.10
24	20	6.10	16	40.64	73	30	9.14	15	38.10	122	10	3.05	18	45.72
25	15	4.57	11	27.94	74	30	9.14	16	40.64	123	15	4.57	26	66.04
26	55	16.76	59	149.86	75	22	6.71	15	38.10	124	20	6.10	14	35.56
27	20	6.10	11	27.94	76	25	7.62	12	30.48	125	20	6.10	13	33.02
28	25	7.62	15	38.10	77	25	7.62	11	27.94	126	40	12.19	15	38.10
29	15	4.57	10	25.40	78	15	4.57	34	86.36	127	24	7.32	13	33.02
30	25	7.62	12	30.48	79	30	9.14	16	40.64	128	17	5.18	14	35.56
31	30	9.14	24	60.96	80	20	6.10	44	111.76	129	10	3.05	23	58.42
32	15	4.57	11	27.94	81	20	6.10	11	27.94	130	15	4.57	28	71.12
33	18	5.49	11	27.94	82	30	9.14	18	45.72	131	20	6.10	19	48.26
34	35	10.67	18	45.72	83	25	7.62	25	63.50	132	20	6.10	16	40.64
35	13	3.96	10	25.40	84	25	7.62	16	40.64	133	30	9.14	20	50.80
36	25	7.62	14	35.56	85	30	9.14	20	50.80	134	25	7.62	15	38.10
37	20	6.10	17	43.18	86	15	4.57	8	20.32	135	30	9.14	18	45.72
38	30	9.14	14	35.56	87	25	7.62	58	147.32	136	18	5.49	12	30.48
39	40	12.19	17	43.18	88	30	9.14	16	40.64	137	25	7.62	22	55.88
40	18	5.49	14	35.56	89	30	9.14	41	104.14	138	12	3.66	14	35.56
41	32	9.75	18	45.72	90	20	6.10	10	25.40	139	16	4.88	13	33.02
42	15	4.57	10	25.40	91	25	7.62	10	25.40	140	38	11.58	18	45.72
43	20	6.10	13	33.02	92	52	15.85	47	119.38	141	35	10.67	17	43.18
44	25	7.62	20	50.80	93	50	15.24	38	96.52	142	25	7.62	11	27.94
45	30	9.14	15	38.10	94	50	15.24	28	71.12	143	30	9.14	16	40.64
46	25	7.62	11	27.94	95	30	9.14	13	33.02	144	15	4.57	15	38.10
47	22	6.71	10	25.40	96	25	7.62	10	25.40	145	20	6.10	12	30.48
48	20	6.10	10	25.40	97	22	6.71	10	25.40	146	22	6.71	13	33.02
49	50	15.24	58	147.32	98	25	7.62	13	33.02	147	36	10.97	12	30.48

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
149	30	9.14	17	43.18	198	19	5.79	10	25.40	247	30	9.14	23	58.42
150	25	7.62	15	38.10	199	35	10.67	25	63.50	248	25	7.62	13	33.02
151	35	10.67	18	45.72	200	28	8.53	12	30.48	249	35	10.67	17	43.18
152	15	4.57	12	30.48	201	35	10.67	18	45.72	250	30	9.14	19	48.26
153	20	6.10	11	27.94	202	15	4.57	13	33.02	251	18	5.49	46	116.84
154	17	5.18	13	33.02	203	20	6.10	14	35.56	252	35	10.67	20	50.80
155	15	4.57	8	20.32	204	25	7.62	13	33.02	253	30	9.14	15	38.10
156	18	5.49	9	22.86	205	25	7.62	14	35.56	254	28	8.53	14	35.56
157	15	4.57	8	20.32	206	15	4.57	17	43.18	255	32	9.75	16	40.64
158	17	5.18	14	35.56	207	20	6.10	17	43.18	256	30	9.14	26	66.04
159	30	9.14	14	35.56	208	18	5.49	16	40.64	257	20	6.10	13	33.02
160	35	10.67	18	45.72	209	40	12.19	27	68.58	258	18	5.49	16	40.64
161	18	5.49	10	25.40	210	17	5.18	9	22.86	259	20	6.10	18	45.72
162	35	10.67	60	152.40	211	30	9.14	14	35.56	260	25	7.62	17	43.18
163	25	7.62	17	43.18	212	18	5.49	13	33.02	261	20	6.10	14	35.56
164	15	4.57	18	45.72	213	30	9.14	17	43.18	262	28	8.53	15	38.10
165	15	4.57	12	30.48	214	18	5.49	16	40.64	263	18	5.49	14	35.56
166	30	9.14	16	40.64	215	20	6.10	14	35.56	264	22	6.71	18	45.72
167	28	8.53	15	38.10	216	15	4.57	12	30.48	265	20	6.10	13	33.02
168	12	3.66	9	22.86	217	40	12.19	32	81.28	266	18	5.49	12	30.48
169	30	9.14	17	43.18	218	35	10.67	28	71.12	267	35	10.67	24	60.96
170	30	9.14	16	40.64	219	30	9.14	15	38.10	268	25	7.62	15	38.10
171	32	9.75	18	45.72	220	22	6.71	12	30.48	269	45	13.72	23	58.42
172	15	4.57	8	20.32	221	25	7.62	15	38.10	270	28	8.53	12	30.48
173	15	4.57	18	45.72	222	25	7.62	16	40.64	271	32	9.75	18	45.72
174	17	5.18	12	30.48	223	30	9.14	21	53.34	272	25	7.62	15	38.10
175	15	4.57	10	25.40	224	25	7.62	14	35.56	273	20	6.10	11	27.94
176	35	10.67	28	71.12	225	15	4.57	10	25.40	274	25	7.62	17	43.18
177	20	6.10	16	40.64	226	17	5.18	13	33.02	275	25	7.62	15	38.10
178	28	8.53	21	53.34	227	30	9.14	14	35.56	276	28	8.53	17	43.18
179	15	4.57	12	30.48	228	25	7.62	14	35.56	277	38	11.58	22	55.88
180	20	6.10	14	35.56	229	40	12.19	35	88.90	278	20	6.10	12	30.48
181	20	6.10	11	27.94	230	45	13.72	40	101.60	279	15	4.57	11	27.94
182	28	8.53	14	35.56	231	40	12.19	27	68.58	280	12	3.66	21	53.34
183	28	8.53	30	76.20	232	20	6.10	15	38.10	281	30	9.14	20	50.80
184	35	10.67	15	38.10	233	43	13.11	28	71.12	282	25	7.62	15	38.10
185	15	4.57	18	45.72	234	25	7.62	15	38.10	283	28	8.53	17	43.18
186	25	7.62	14	35.56	235	38	11.58	17	43.18	284	25	7.62	50	127.00
187	35	10.67	17	43.18	236	15	4.57	11	27.94	285	25	7.62	11	27.94
188	25	7.62	12	30.48	237	35	10.67	18	45.72	286	21	6.40	25	63.50
189	17	5.18	10	25.40	238	20	6.10	16	40.64	287	35	10.67	11	27.94
190	25	7.62	14	35.56	239	25	7.62	22	55.88	288	30	9.14	12	30.48
191	28	8.53	24	60.96	240	25	7.62	17	43.18	289	32	9.75	14	35.56
192	25	7.62	13	33.02	241	35	10.67	14	35.56	290	40	12.19	24	60.96
193	28	8.53	16	40.64	242	16	4.88	10	25.40	291	28	8.53	13	33.02
194	50	15.24	50	127.00	243	22	6.71	11	27.94	292	20	6.10	11	27.94
195	25	7.62	17	43.18	244	20	6.10	23	58.42	293	25	7.62	10	25.40
196	25	7.62	13	33.02	245	32	9.75	11	27.94	294	25	7.62	15	38.10
197	25	7.62	14	35.56	246	27	8.23	12	30.48	295	32	9.75	14	35.56

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
296	26	7.92	11	27.94	345	40	12.19	26	66.04	394	20	6.10	13	33.02
297	22	6.71	12	30.48	346	37	11.28	19	48.26	395	25	7.62	18	45.72
298	30	9.14	15	38.10	347	21	6.40	12	30.48	396	18	5.49	20	50.80
299	15	4.57	12	30.48	348	16	4.88	10	25.40	397	25	7.62	18	45.72
300	20	6.10	13	33.02	349	15	4.57	10	25.40	398	15	4.57	10	25.40
301	18	5.49	13	33.02	350	20	6.10	14	35.56	399	40	12.19	25	63.50
302	22	6.71	18	45.72	351	22	6.71	11	27.94	400	20	6.10	14	35.56
303	23	7.01	10	25.40	352	27	8.23	15	38.10	401	25	7.62	13	33.02
304	22	6.71	14	35.56	353	20	6.10	30	76.20	402	28	8.53	14	35.56
305	19	5.79	13	33.02	354	23	7.01	13	33.02	403	25	7.62	11	27.94
306	25	7.62	12	30.48	355	30	9.14	22	55.88	404	35	10.67	25	63.50
307	30	9.14	15	38.10	356	16	4.88	10	25.40	405	10	3.05	10	25.40
308	25	7.62	18	45.72	357	18	5.49	11	27.94	406	15	4.57	12	30.48
309	18	5.49	17	43.18	358	25	7.62	16	40.64	407	25	7.62	13	33.02
310	20	6.10	14	35.56	359	20	6.10	15	38.10	408	50	15.24	27	68.58
311	20	6.10	12	30.48	360	25	7.62	11	27.94	409	40	12.19	26	66.04
312	25	7.62	20	50.80	361	20	6.10	10	25.40	410	20	6.10	16	40.64
313	21	6.40	10	25.40	362	25	7.62	11	27.94	411	22	6.71	17	43.18
314	20	6.10	13	33.02	363	20	6.10	12	30.48	412	40	12.19	24	60.96
315	30	9.14	16	40.64	364	18	5.49	11	27.94	413	40	12.19	23	58.42
316	25	7.62	18	45.72	365	15	4.57	12	30.48	414	20	6.10	14	35.56
317	18	5.49	11	27.94	366	15	4.57	9	22.86	415	28	8.53	12	30.48
318	22	6.71	12	30.48	367	25	7.62	14	35.56	416	35	10.67	19	48.26
319	20	6.10	10	25.40	368	35	10.67	16	40.64	417	25	7.62	15	38.10
320	30	9.14	15	38.10	369	18	5.49	12	30.48	418	20	6.10	14	35.56
321	30	9.14	20	50.80	370	15	4.57	10	25.40	419	18	5.49	14	35.56
322	26	7.92	14	35.56	371	30	9.14	25	63.50	420	20	6.10	16	40.64
323	15	4.57	11	27.94	372	26	7.92	11	27.94	421	25	7.62	15	38.10
324	30	9.14	35	88.90	373	28	8.53	16	40.64	422	30	9.14	21	53.34
325	28	8.53	22	55.88	374	20	6.10	10	25.40	423	22	6.71	14	35.56
326	25	7.62	14	35.56	375	15	4.57	11	27.94	424	30	9.14	21	53.34
327	15	4.57	10	25.40	376	18	5.49	11	27.94	425	28	8.53	14	35.56
328	35	10.67	54	137.16	377	20	6.10	21	53.34	426	20	6.10	11	27.94
329	32	9.75	42	106.68	378	10	3.05	11	27.94	427	17	5.18	18	45.72
330	22	6.71	12	30.48	379	22	6.71	12	30.48	428	20	6.10	20	50.80
331	25	7.62	14	35.56	380	20	6.10	15	38.10	429	25	7.62	15	38.10
332	20	6.10	16	40.64	381	32	9.75	24	60.96	430	25	7.62	12	30.48
333	42	12.80	57	144.78	382	40	12.19	47	119.38	431	31	9.45	15	38.10
334	40	12.19	21	53.34	383	25	7.62	16	40.64	432	30	9.14	13	33.02
335	40	12.19	28	71.12	384	15	4.57	10	25.40	433	35	10.67	24	60.96
336	41	12.50	17	43.18	385	25	7.62	10	25.40	434	20	6.10	13	33.02
337	40	12.19	32	81.28	386	30	9.14	13	33.02	435	30	9.14	16	40.64
338	45	13.72	18	45.72	387	40	12.19	24	60.96	436	40	12.19	22	55.88
339	25	7.62	23	58.42	388	38	11.58	20	50.80	437	25	7.62	16	40.64
340	25	7.62	17	43.18	389	30	9.14	16	40.64	438	18	5.49	12	30.48
341	27	8.23	13	33.02	390	20	6.10	16	40.64	439	26	7.92	14	35.56
342	37	11.28	16	40.64	391	28	8.53	17	43.18	440	25	7.62	13	33.02
343	23	7.01	11	27.94	392	20	6.10	12	30.48	441	20	6.10	12	30.48
344	15	4.57	11	27.94	393	21	6.40	12	30.48	442	28	8.53	14	35.56

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
443	30	9.14	15	38.10	492	30	9.14	21	53.34	541	35	10.67	47	119.38
444	26	7.92	20	50.80	493	26	7.92	12	30.48	542	15	4.57	16	40.64
445	25	7.62	15	38.10	494	18	5.49	10	25.40	543	30	9.14	15	38.10
446	22	6.71	14	35.56	495	15	4.57	11	27.94	544	30	9.14	18	45.72
447	30	9.14	17	43.18	496	25	7.62	10	25.40	545	20	6.10	12	30.48
448	40	12.19	19	48.26	497	40	12.19	47	119.38	546	50	15.24	72	182.88
449	30	9.14	21	53.34	498	38	11.58	16	40.64	547	20	6.10	13	33.02
450	22	6.71	12	30.48	499	40	12.19	18	45.72	548	15	4.57	9	22.86
451	25	7.62	14	35.56	500	45	13.72	21	53.34	549	30	9.14	15	38.10
452	20	6.10	13	33.02	501	40	12.19	18	45.72	550	30	9.14	19	48.26
453	22	6.71	12	30.48	502	20	6.10	12	30.48	551	30	9.14	13	33.02
454	25	7.62	17	43.18	503	18	5.49	14	35.56	552	28	8.53	14	35.56
455	25	7.62	12	30.48	504	23	7.01	13	33.02	553	15	4.57	11	27.94
456	32	9.75	18	45.72	505	20	6.10	12	30.48	554	20	6.10	19	48.26
457	25	7.62	11	27.94	506	26	7.92	24	60.96	555	40	12.19	57	144.78
458	35	10.67	14	35.56	507	25	7.62	14	35.56	556	30	9.14	13	33.02
459	35	10.67	16	40.64	508	15	4.57	9	22.86	557	38	11.58	20	50.80
460	20	6.10	13	33.02	509	20	6.10	12	30.48	558	20	6.10	15	38.10
461	25	7.62	16	40.64	510	35	10.67	18	45.72	559	25	7.62	11	27.94
462	32	9.75	15	38.10	511	45	13.72	35	88.90	560	30	9.14	15	38.10
463	27	8.23	16	40.64	512	30	9.14	12	30.48	561	40	12.19	18	45.72
464	32	9.75	24	60.96	513	18	5.49	11	27.94	562	15	4.57	13	33.02
465	33	10.06	12	30.48	514	30	9.14	14	35.56	563	32	9.75	17	43.18
466	25	7.62	19	48.26	515	35	10.67	26	66.04	564	30	9.14	14	35.56
467	24	7.32	11	27.94	516	32	9.75	12	30.48	565	22	6.71	14	35.56
468	30	9.14	15	38.10	517	26	7.92	13	33.02	566	28	8.53	15	38.10
469	28	8.53	15	38.10	518	28	8.53	17	43.18	567	42	12.80	17	43.18
470	40	12.19	32	81.28	519	26	7.92	15	38.10	568	25	7.62	10	25.40
471	15	4.57	10	25.40	520	30	9.14	20	50.80	569	20	6.10	10	25.40
472	25	7.62	14	35.56	521	20	6.10	13	33.02	570	40	12.19	21	53.34
473	30	9.14	16	40.64	522	20	6.10	11	27.94	571	20	6.10	16	40.64
474	22	6.71	15	38.10	523	22	6.71	23	58.42	572	36	10.97	18	45.72
475	20	6.10	14	35.56	524	38	11.58	16	40.64	573	25	7.62	16	40.64
476	34	10.36	19	48.26	525	25	7.62	11	27.94	574	23	7.01	13	33.02
477	40	12.19	24	60.96	526	45	13.72	30	76.20	575	26	7.92	14	35.56
478	25	7.62	13	33.02	527	25	7.62	14	35.56	576	30	9.14	21	53.34
479	23	7.01	11	27.94	528	30	9.14	18	45.72	577	25	7.62	15	38.10
480	20	6.10	14	35.56	529	30	9.14	16	40.64	578	25	7.62	10	25.40
481	20	6.10	10	25.40	530	20	6.10	15	38.10	579	42	12.80	31	78.74
482	25	7.62	17	43.18	531	32	9.75	29	73.66	580	35	10.67	20	50.80
483	32	9.75	15	38.10	532	30	9.14	14	35.56	581	20	6.10	12	30.48
484	40	12.19	19	48.26	533	25	7.62	12	30.48	582	30	9.14	13	33.02
485	35	10.67	17	43.18	534	20	6.10	14	35.56	583	25	7.62	11	27.94
486	24	7.32	12	30.48	535	25	7.62	12	30.48	584	20	6.10	20	50.80
487	18	5.49	14	35.56	536	40	12.19	23	58.42	585	30	9.14	15	38.10
488	30	9.14	17	43.18	537	25	7.62	16	40.64	586	28	8.53	15	38.10
489	15	4.57	11	27.94	538	25	7.62	14	35.56	587	25	7.62	11	27.94
490	20	6.10	18	45.72	539	40	12.19	21	53.34	588	22	6.71	20	50.80
491	20	6.10	11	27.94	540	40	12.19	22	55.88	589	25	7.62	14	35.56

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
590	30	9.14	23	58.42	639	45	13.72	26	66.04	688	28	8.53	12	30.48
591	40	12.19	24	60.96	640	32	9.75	17	43.18	689	32	9.75	14	35.56
592	28	8.53	13	33.02	641	50	15.24	26	66.04	690	40	12.19	21	53.34
593	15	4.57	11	27.94	642	35	10.67	18	45.72	691	45	13.72	52	132.08
594	20	6.10	12	30.48	643	30	9.14	25	63.50	692	30	9.14	18	45.72
595	26	7.92	12	30.48	644	24	7.32	13	33.02	693	20	6.10	16	40.64
596	30	9.14	17	43.18	645	20	6.10	15	38.10	694	32	9.75	33	83.82
597	30	9.14	16	40.64	646	35	10.67	14	35.56	695	20	6.10	10	25.40
598	30	9.14	14	35.56	647	40	12.19	18	45.72	696	18	5.49	14	35.56
599	26	7.92	13	33.02	648	15	4.57	8	20.32	697	15	4.57	10	25.40
600	25	7.62	12	30.48	649	16	4.88	11	27.94	698	32	9.75	14	35.56
601	22	6.71	13	33.02	650	50	15.24	39	99.06	699	35	10.67	22	55.88
602	20	6.10	14	35.56	651	25	7.62	12	30.48	700	25	7.62	13	33.02
603	35	10.67	16	40.64	652	36	10.97	18	45.72	701	26	7.92	14	35.56
604	23	7.01	16	40.64	653	30	9.14	1	2.54	702	35	10.67	16	40.64
605	20	6.10	11	27.94	654	36	10.97	19	48.26	703	30	9.14	12	30.48
606	28	8.53	13	33.02	655	25	7.62	15	38.10	704	37	11.28	21	53.34
607	35	10.67	16	40.64	656	40	12.19	18	45.72	705	25	7.62	12	30.48
608	20	6.10	11	27.94	657	40	12.19	17	43.18	706	33	10.06	18	45.72
609	30	9.14	18	45.72	658	32	9.75	14	35.56	707	35	10.67	25	63.50
610	25	7.62	14	35.56	659	40	12.19	21	53.34	708	15	4.57	10	25.40
611	15	4.57	10	25.40	660	32	9.75	17	43.18	709	22	6.71	12	30.48
612	20	6.10	14	35.56	661	25	7.62	10	25.40	710	42	12.80	43	109.22
613	52	15.85	51	129.54	662	35	10.67	18	45.72	711	25	7.62	17	43.18
614	20	6.10	15	38.10	663	20	6.10	10	25.40	712	40	12.19	22	55.88
615	26	7.92	15	38.10	664	25	7.62	15	38.10	713	35	10.67	17	43.18
616	20	6.10	10	25.40	665	40	12.19	20	50.80	714	15	4.57	13	33.02
617	40	12.19	17	43.18	666	45	13.72	18	45.72	715	30	9.14	16	40.64
618	35	10.67	16	40.64	667	25	7.62	12	30.48	716	55	16.76	50	127.00
619	35	10.67	17	43.18	668	20	6.10	13	33.02	717	18	5.49	10	25.40
620	20	6.10	13	33.02	669	30	9.14	15	38.10	718	25	7.62	12	30.48
621	30	9.14	14	35.56	670	40	12.19	17	43.18	719	20	6.10	12	30.48
622	23	7.01	11	27.94	671	33	10.06	27	68.58	720	15	4.57	13	33.02
623	25	7.62	18	45.72	672	40	12.19	28	71.12	721	32	9.75	15	38.10
624	20	6.10	12	30.48	673	20	6.10	15	38.10	722	30	9.14	12	30.48
625	26	7.92	14	35.56	674	28	8.53	17	43.18	723	30	9.14	14	35.56
626	20	6.10	12	30.48	675	40	12.19	18	45.72	724	25	7.62	12	30.48
627	25	7.62	13	33.02	676	30	9.14	14	35.56	725	38	11.58	17	43.18
628	20	6.10	15	38.10	677	25	7.62	13	33.02	726	16	4.88	11	27.94
629	30	9.14	17	43.18	678	25	7.62	12	30.48	727	25	7.62	10	25.40
630	15	4.57	13	33.02	679	18	5.49	14	35.56	728	18	5.49	12	30.48
631	25	7.62	11	27.94	680	24	7.32	14	35.56	729	30	9.14	14	35.56
632	32	9.75	16	40.64	681	40	12.19	16	40.64	730	25	7.62	13	33.02
633	32	9.75	18	45.72	682	30	9.14	23	58.42	731	30	9.14	14	35.56
634	15	4.57	12	30.48	683	18	5.49	13	33.02	732	15	4.57	8	20.32
635	35	10.67	31	78.74	684	25	7.62	12	30.48	733	45	13.72	28	71.12
636	35	10.67	15	38.10	685	18	5.49	13	33.02	734	32	9.75	14	35.56
637	28	8.53	11	27.94	686	20	6.10	11	27.94	735	20	6.10	14	35.56
638	16	4.88	10	25.40	687	42	12.80	18	45.72	736	28	8.53	12	30.48

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)										*Madhuca latifolia* / (Mahua)				
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
737	20	6.10	10	25.40	786	20	6.10	12	30.48	1	25	7.62	12	30.48
738	18	5.49	10	25.40	787	30	9.14	18	45.72	2	20	6.10	14	35.56
739	32	9.75	17	43.18	788	25	7.62	11	27.94	3	25	7.62	13	33.02
740	50	15.24	48	121.92	789	40	12.19	16	40.64	4	30	9.14	14	35.56
741	35	10.67	17	43.18	790	35	10.67	15	38.10	5	35	10.67	21	53.34
742	25	7.62	13	33.02	791	30	9.14	16	40.64	6	25	7.62	19	48.26
743	26	7.92	14	35.56	792	28	8.53	21	53.34	7	10	3.05	8	20.32
744	25	7.62	13	33.02	793	19	5.79	10	25.40	8	20	6.10	11	27.94
745	35	10.67	16	40.64	794	26	7.92	14	35.56	9	22	6.71	11	27.94
746	26	7.92	12	30.48	795	28	8.53	16	40.64	10	12	3.66	7	17.78
747	20	6.10	14	35.56	796	25	7.62	14	35.56	11	15	4.57	8	20.32
748	21	6.40	15	38.10	797	20	6.10	10	25.40	12	10	3.05	8	20.32
749	28	8.53	13	33.02	798	25	7.62	12	30.48	13	10	3.05	9	22.86
750	25	7.62	12	30.48	799	20	6.10	12	30.48	14	15	4.57	8	20.32
751	15	4.57	12	30.48	800	40	12.19	27	68.58	15	10	3.05	9	22.86
752	25	7.62	11	27.94	801	25	7.62	10	25.40	16	15	4.57	10	25.40
753	35	10.67	22	55.88	802	25	7.62	11	27.94	17	20	6.10	12	30.48
754	30	9.14	12	30.48	803	15	4.57	11	27.94	18	15	4.57	6	15.24
755	33	10.06	16	40.64	804	30	9.14	16	40.64	19	15	4.57	7	17.78
756	28	8.53	15	38.10	805	25	7.62	11	27.94	20	20	6.10	11	27.94
757	35	10.67	18	45.72						21	30	9.14	28	71.12
758	25	7.62	10	25.40						22	25	7.62	13	33.02
759	20	6.10	11	27.94	*Scleichera oleosa* / (Kusum)					23	15	4.57	9	22.86
760	45	13.72	23	58.42	Sl. No.	Height		Girth		24	25	7.62	10	25.40
761	30	9.14	25	63.50		(ft)	(m)	(inch)	(cm)	25	20	6.10	11	27.94
762	40	12.19	29	73.66	1	20	6.10	25	63.50	26	20	6.10	15	38.10
763	40	12.19	25	63.50	2	21	6.40	14	35.56	27	20	6.10	10	25.40
764	35	10.67	18	45.72	3	15	4.57	9	22.86	28	10	3.05	8	20.32
765	30	9.14	14	35.56						29	15	4.57	11	27.94
766	25	7.62	15	38.10						30	16	4.88	11	27.94
767	45	13.72	26	66.04	*Diospyros excelsa* / (Kendu)					31	30	9.14	17	43.18
768	25	7.62	12	30.48	Sl. No.	Height		Girth		32	25	7.62	18	45.72
769	25	7.62	10	25.40		(ft)	(m)	(inch)	(cm)	33	22	6.71	11	27.94
770	32	9.75	15	38.10	1	15	4.57	6	15.24	34	15	4.57	10	25.40
771	32	9.75	16	40.64	2	15	4.57	12	30.48	35	16	4.88	11	27.94
772	30	9.14	14	35.56	3	8	2.44	9	22.86	36	35	10.67	18	45.72
773	35	10.67	19	48.26	4	10	3.05	9	22.86	37	23	7.01	14	35.56
774	23	7.01	20	50.80						38	17	5.18	10	25.40
775	45	13.72	23	58.42						39	22	6.71	13	33.02
776	16	4.88	14	35.56	*Careya arborea* / (Astha/Kumbhi)					40	18	5.49	14	35.56
777	25	7.62	10	25.40	Sl. No.	Height		Girth		41	10	3.05	9	22.86
778	40	12.19	17	43.18		(ft)	(m)	(inch)	(cm)	42	15	4.57	12	30.48
779	30	9.14	20	50.80	1	40	12.19	32	81.28	43	15	4.57	13	33.02
780	38	11.58	21	53.34	2	25	7.62	20	50.80	44	25	7.62	14	35.56
781	22	6.71	11	27.94	3	25	7.62	12	30.48	45	28	8.53	16	40.64
782	20	6.10	13	33.02	4	10	3.05	11	27.94	46	20	6.10	10	25.40
783	25	7.62	10	25.40	5	25	7.62	27	68.58	47	15	4.57	12	30.48
784	16	4.88	13	33.02										
785	38	11.58	18	45.72										

CHANDABILA-TOPOBAN

Terminalia tomentosa / (Ason)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	16	40.64
2	30	9.14	18	45.72
3	35	10.67	27	68.58
4	15	4.57	10	25.40
5	10	3.05	10	25.40
6	18	5.49	10	25.40
7	25	7.62	12	30.48
8	12	3.66	11	27.94
9	24	7.32	11	27.94
10	22	6.71	14	35.56
11	30	9.14	12	30.48
12	23	7.01	14	35.56
13	19	5.79	16	40.64
14	25	7.62	14	35.56
15	30	9.14	12	30.48
16	16	4.88	13	33.02

Anogeissus latifolia / (Dhaw)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	18	45.72
2	20	6.10	25	63.50
3	24	7.32	13	33.02
4	20	6.10	12	30.48

Lagerstroemia parviflora / (Sidha)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	7	17.78
2	10	3.05	8	20.32

Soymida febrifuga / (Rahora)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	19	48.26
2	10	3.05	8	20.32
3	10	3.05	7	17.78
4	10	3.05	6	15.24
5	15	4.57	8	20.32

Semecarpas anacardium/ (Vella)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	6	15.24
2	16	4.88	10	25.40
3	15	4.57	10	25.40
4	20	6.10	11	27.94
5	35	10.67	27	68.58
6	20	6.10	11	27.94
7	18	5.49	16	40.64
8	40	12.19	18	45.72

Syzygium jambolanum / (Jam)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40
2	22	6.71	11	27.94
3	18	5.49	12	30.48
4	10	3.05	7	17.78
5	10	3.05	13	33.02
6	15	4.57	12	30.48
7	26	7.92	16	40.64
8	22	6.71	11	27.94
9	25	7.62	12	30.48
10	15	4.57	11	27.94

Albizia lebbeck / (Siris)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
2	40	12.19	30	76.20

Pterocarpus marsupium / (Piyasal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	18	5.49	12	30.48
3	15	4.57	11	27.94

Lannea coromandelica / (Geol/Doka)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	10	25.40
2	20	6.10	11	27.94
3	15	4.57	15	38.10

Buchanania lanzan/ (Piyal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	12	30.48
2	15	4.57	10	25.40
3	17	5.18	12	30.48
4	15	4.57	13	33.02
5	15	4.57	8	20.32
6	40	12.19	24	60.96
7	25	7.62	18	45.72
8	20	6.10	13	33.02
9	20	6.10	7	17.78
10	10	3.05	11	27.94

Morinda citrifolia/ (Choili/Noni/Auch)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	14	35.56
2	12	3.66	10	25.40
3	16	4.88	11	27.94
4	22	6.71	14	35.56
5	15	4.57	20	50.80
6	15	4.57	11	27.94
7	10	3.05	18	45.72
8	15	4.57	10	25.40
9	16	4.88	11	27.94

Terminalia bellirica / (Bahera)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48
2	20	6.10	11	27.94
3	26	7.92	16	40.64
4	22	6.71	19	48.26

CHANDABILA-TOPOBAN

Chandabila Topoban SP 3

Shorea robusta / (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02	49	35	10.67	19	48.26	97	20	6.10	16	40.64
2	10	3.05	10	25.40	50	30	9.14	15	38.10	98	15	4.57	17	43.18
3	30	9.14	19	48.26	51	25	7.62	19	48.26	99	25	7.62	11	27.94
4	35	10.67	26	66.04	52	28	8.53	19	48.26	100	20	6.10	16	40.64
5	30	9.14	13	33.02	53	20	6.10	21	53.34	101	20	6.10	10	25.40
6	25	7.62	20	50.80	54	25	7.62	16	40.64	102	20	6.10	14	35.56
7	20	6.10	17	43.18	55	30	9.14	53	134.62	103	35	10.67	19	48.26
8	20	6.10	17	43.18	56	13	3.96	9	22.86	104	10	3.05	9	22.86
9	25	7.62	19	48.26	57	10	3.05	17	43.18	105	32	9.75	18	45.72
10	30	9.14	19	48.26	58	30	9.14	22	55.88	106	15	4.57	13	33.02
11	15	4.57	15	38.10	59	25	7.62	17	43.18	107	23	7.01	11	27.94
12	40	12.19	26	66.04	60	25	7.62	17	43.18	108	25	7.62	18	45.72
13	15	4.57	10	25.40	61	20	6.10	17	43.18	109	15	4.57	13	33.02
14	25	7.62	14	35.56	62	40	12.19	31	78.74	110	30	9.14	16	40.64
15	25	7.62	18	45.72	63	20	6.10	25	63.50	111	20	6.10	13	33.02
16	25	7.62	16	40.64	64	25	7.62	21	53.34	112	16	4.88	12	30.48
17	35	10.67	26	66.04	65	25	7.62	22	55.88	113	20	6.10	16	40.64
18	30	9.14	15	38.10	66	20	6.10	27	68.58	114	15	4.57	12	30.48
19	25	7.62	18	45.72	67	20	6.10	12	30.48	115	35	10.67	22	55.88
20	40	12.19	31	78.74	68	20	6.10	16	40.64	116	20	6.10	27	68.58
21	60	18.29	57	144.78	69	35	10.67	33	83.82	117	50	15.24	25	63.50
22	15	4.57	17	43.18	70	25	7.62	14	35.56	118	30	9.14	20	50.80
23	15	4.57	9	22.86	71	5	1.52	22	55.88	119	25	7.62	27	68.58
24	15	4.57	10	25.40	72	17	5.18	14	35.56	120	20	6.10	14	35.56
25	25	7.62	17	43.18	73	25	7.62	19	48.26	121	23	7.01	11	27.94
26	35	10.67	27	68.58	74	23	7.01	12	30.48	122	20	6.10	15	38.10
27	25	7.62	14	35.56	75	30	9.14	25	63.50	123	35	10.67	20	50.80
28	22	6.71	12	30.48	76	15	4.57	11	27.94	124	20	6.10	25	63.50
29	25	7.62	26	66.04	77	25	7.62	11	27.94	125	20	6.10	13	33.02
30	35	10.67	16	40.64	78	20	6.10	16	40.64	126	23	7.01	15	38.10
31	17	5.18	10	25.40	79	20	6.10	13	33.02	127	30	9.14	17	43.18
32	15	4.57	10	25.40	80	19	5.79	13	33.02	128	20	6.10	16	40.64
33	25	7.62	22	55.88	81	35	10.67	16	40.64	129	15	4.57	9	22.86
34	20	6.10	10	25.40	82	20	6.10	9	22.86	130	17	5.18	11	27.94
35	20	6.10	16	40.64	83	25	7.62	16	40.64	131	20	6.10	28	71.12
36	15	4.57	16	40.64	84	25	7.62	17	43.18	132	20	6.10	19	48.26
37	35	10.67	22	55.88	85	20	6.10	19	48.26	133	30	9.14	23	58.42
38	25	7.62	11	27.94	86	20	6.10	22	55.88	134	40	12.19	48	121.92
39	20	6.10	15	38.10	87	40	12.19	25	63.50	135	20	6.10	17	43.18
40	15	4.57	17	43.18	88	15	4.57	10	25.40	136	35	10.67	18	45.72
41	15	4.57	11	27.94	89	20	6.10	17	43.18	137	40	12.19	18	45.72
42	30	9.14	20	50.80	90	32	9.75	17	43.18	138	28	8.53	30	76.20
43	35	10.67	21	53.34	91	15	4.57	14	35.56	139	25	7.62	10	25.40
44	30	9.14	21	53.34	92	30	9.14	12	30.48	140	35	10.67	14	35.56
45	50	15.24	33	83.82	93	25	7.62	16	40.64	141	40	12.19	19	48.26
46	18	5.49	34	86.36	94	20	6.10	25	63.50	142	15	4.57	10	25.40
47	20	6.10	55	139.70	95	30	9.14	16	40.64	143	25	7.62	11	27.94
48	30	9.14	32	81.28	96	25	7.62	11	27.94	144	40	12.19	26	66.04

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
145	28	8.53	16	40.64	193	20	6.10	11	27.94	241	15	4.57	11	27.94
146	40	12.19	28	71.12	194	25	7.62	16	40.64	242	42	12.80	20	50.80
147	35	10.67	19	48.26	195	15	4.57	11	27.94	243	20	6.10	15	38.10
148	20	6.10	11	27.94	196	35	10.67	25	63.50	244	18	5.49	12	30.48
149	15	4.57	9	22.86	197	15	4.57	10	25.40	245	25	7.62	17	43.18
150	17	5.18	10	25.40	198	30	9.14	13	33.02	246	37	11.28	21	53.34
151	25	7.62	20	50.80	199	20	6.10	13	33.02	247	50	15.24	42	106.68
152	10	3.05	8	20.32	200	18	5.49	15	38.10	248	34	10.36	12	30.48
153	18	5.49	10	25.40	201	55	16.76	41	104.14	249	16	4.88	12	30.48
154	25	7.62	39	99.06	202	25	7.62	13	33.02	250	40	12.19	19	48.26
155	20	6.10	18	45.72	203	20	6.10	26	66.04	251	26	7.92	25	63.50
156	45	13.72	31	78.74	204	25	7.62	11	27.94	252	37	11.28	18	45.72
157	25	7.62	10	25.40	205	35	10.67	24	60.96	253	35	10.67	14	35.56
158	28	8.53	12	30.48	206	40	12.19	21	53.34	254	38	11.58	31	78.74
159	32	9.75	14	35.56	207	35	10.67	17	43.18	255	30	9.14	15	38.10
160	25	7.62	17	43.18	208	20	6.10	11	27.94	256	15	4.57	11	27.94
161	30	9.14	48	121.92	209	42	12.80	15	38.10	257	15	4.57	18	45.72
162	20	6.10	15	38.10	210	20	6.10	10	25.40	258	32	9.75	15	38.10
163	20	6.10	15	38.10	211	20	6.10	14	35.56	259	30	9.14	18	45.72
164	22	6.71	16	40.64	212	30	9.14	11	27.94	260	15	4.57	11	27.94
165	20	6.10	10	25.40	213	18	5.49	10	25.40	261	28	8.53	40	101.60
166	15	4.57	10	25.40	214	15	4.57	10	25.40	262	20	6.10	11	27.94
167	25	7.62	17	43.18	215	32	9.75	13	33.02	263	20	6.10	15	38.10
168	35	10.67	20	50.80	216	40	12.19	42	106.68	264	32	9.75	66	167.64
169	30	9.14	20	50.80	217	35	10.67	22	55.88	265	26	7.92	16	40.64
170	20	6.10	12	30.48	218	12	3.66	9	22.86	266	35	10.67	16	40.64
171	25	7.62	15	38.10	219	35	10.67	16	40.64	267	30	9.14	14	35.56
172	35	10.67	30	76.20	220	26	7.92	12	30.48	268	20	6.10	10	25.40
173	20	6.10	11	27.94	221	30	9.14	12	30.48	269	35	10.67	15	38.10
174	20	6.10	15	38.10	222	28	8.53	15	38.10	270	28	8.53	11	27.94
175	15	4.57	12	30.48	223	15	4.57	10	25.40	271	24	7.32	15	38.10
176	15	4.57	11	27.94	224	16	4.88	11	27.94	272	18	5.49	10	25.40
177	20	6.10	15	38.10	225	20	6.10	12	30.48	273	24	7.32	12	30.48
178	35	10.67	22	55.88	226	20	6.10	17	43.18	274	40	12.19	24	60.96
179	20	6.10	16	40.64	227	35	10.67	18	45.72	275	40	12.19	21	53.34
180	30	9.14	15	38.10	228	35	10.67	16	40.64	276	40	12.19	32	81.28
181	15	4.57	10	25.40	229	34	10.36	25	63.50	277	28	8.53	13	33.02
182	20	6.10	18	45.72	230	20	6.10	14	35.56	278	10	3.05	14	35.56
183	40	12.19	31	78.74	231	17	5.18	11	27.94	279	22	6.71	11	27.94
184	22	6.71	11	27.94	232	20	6.10	14	35.56	280	35	10.67	20	50.80
185	45	13.72	20	50.80	233	21	6.40	11	27.94	281	35	10.67	15	38.10
186	15	4.57	10	25.40	234	13	3.96	11	27.94	282	23	7.01	20	50.80
187	28	8.53	20	50.80	235	23	7.01	13	33.02	283	35	10.67	33	83.82
188	25	7.62	13	33.02	236	30	9.14	16	40.64	284	22	6.71	12	30.48
189	35	10.67	21	53.34	237	26	7.92	21	53.34	285	17	5.18	11	27.94
190	22	6.71	18	45.72	238	25	7.62	12	30.48	286	40	12.19	21	53.34
191	22	6.71	12	30.48	239	18	5.49	12	30.48	287	19	5.79	15	38.10
192	40	12.19	20	50.80	240	30	9.14	25	63.50	288	25	7.62	15	38.10

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
289	20	6.10	16	40.64	337	40	12.19	16	40.64	385	58	17.68	42	106.68
290	40	12.19	17	43.18	338	40	12.19	40	101.60	386	25	7.62	12	30.48
291	45	13.72	47	119.38	339	32	9.75	15	38.10	387	18	5.49	10	25.40
292	35	10.67	20	50.80	340	30	9.14	25	63.50	388	20	6.10	11	27.94
293	42	12.80	17	43.18	341	25	7.62	17	43.18	389	25	7.62	18	45.72
294	25	7.62	11	27.94	342	20	6.10	14	35.56	390	30	9.14	25	63.50
295	12	3.66	21	53.34	343	22	6.71	13	33.02	391	40	12.19	28	71.12
296	40	12.19	17	43.18	344	20	6.10	11	27.94	392	40	12.19	35	88.90
297	28	8.53	15	38.10	345	22	6.71	15	38.10	393	40	12.19	45	114.30
298	35	10.67	22	55.88	346	30	9.14	14	35.56	394	19	5.79	10	25.40
299	29	8.84	26	66.04	347	26	7.92	14	35.56	395	35	10.67	19	48.26
300	25	7.62	11	27.94	348	30	9.14	17	43.18	396	25	7.62	21	53.34
301	38	11.58	19	48.26	349	32	9.75	19	48.26	397	23	7.01	12	30.48
302	32	9.75	17	43.18	350	22	6.71	30	76.20	398	32	9.75	19	48.26
303	32	9.75	26	66.04	351	10	3.05	12	30.48	399	42	12.80	33	83.82
304	35	10.67	16	40.64	352	20	6.10	11	27.94	400	26	7.92	14	35.56
305	20	6.10	16	40.64	353	26	7.92	16	40.64	401	15	4.57	13	33.02
306	20	6.10	13	33.02	354	20	6.10	10	25.40	402	40	12.19	19	48.26
307	38	11.58	19	48.26	355	40	12.19	17	43.18	403	25	7.62	13	33.02
308	42	12.80	23	58.42	356	45	13.72	26	66.04	404	15	4.57	10	25.40
309	35	10.67	17	43.18	357	17	5.18	10	25.40	405	35	10.67	41	104.14
310	20	6.10	12	30.48	358	15	4.57	10	25.40	406	38	11.58	17	43.18
311	30	9.14	42	106.68	359	22	6.71	12	30.48	407	22	6.71	15	38.10
312	35	10.67	13	33.02	360	32	9.75	15	38.10	408	25	7.62	13	33.02
313	20	6.10	21	53.34	361	25	7.62	21	53.34	409	35	10.67	18	45.72
314	28	8.53	12	30.48	362	35	10.67	26	66.04	410	24	7.32	20	50.80
315	30	9.14	15	38.10	363	35	10.67	15	38.10	411	15	4.57	18	45.72
316	15	4.57	11	27.94	364	20	6.10	11	27.94	412	25	7.62	12	30.48
317	28	8.53	15	38.10	365	42	12.80	20	50.80	413	10	3.05	15	38.10
318	32	9.75	17	43.18	366	40	12.19	28	71.12	414	40	12.19	18	45.72
319	25	7.62	14	35.56	367	35	10.67	19	48.26	415	28	8.53	26	66.04
320	33	10.06	20	50.80	368	23	7.01	11	27.94	416	40	12.19	24	60.96
321	30	9.14	16	40.64	369	26	7.92	25	63.50	417	30	9.14	12	30.48
322	15	4.57	13	33.02	370	35	10.67	16	40.64	418	32	9.75	18	45.72
323	35	10.67	16	40.64	371	25	7.62	15	38.10	419	35	10.67	21	53.34
324	25	7.62	10	25.40	372	38	11.58	14	35.56	420	18	5.49	15	38.10
325	30	9.14	14	35.56	373	25	7.62	11	27.94	421	25	7.62	19	48.26
326	35	10.67	18	45.72	374	40	12.19	25	63.50	422	18	5.49	14	35.56
327	28	8.53	15	38.10	375	24	7.32	18	45.72	423	20	6.10	18	45.72
328	45	13.72	35	88.90	376	40	12.19	28	71.12	424	25	7.62	16	40.64
329	16	4.88	20	50.80	377	30	9.14	16	40.64	425	15	4.57	14	35.56
330	20	6.10	10	25.40	378	35	10.67	16	40.64	426	27	8.23	12	30.48
331	15	4.57	10	25.40	379	30	9.14	12	30.48	427	25	7.62	15	38.10
332	15	4.57	12	30.48	380	35	10.67	17	43.18	428	25	7.62	16	40.64
333	20	6.10	10	25.40	381	45	13.72	21	53.34	429	24	7.32	15	38.10
334	35	10.67	22	55.88	382	18	5.49	10	25.40	430	35	10.67	17	43.18
335	32	9.75	16	40.64	383	24	7.32	20	50.80	431	15	4.57	10	25.40
336	25	7.62	12	30.48	384	50	15.24	33	83.82	432	20	6.10	15	38.10

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)										*Buchanania lanzan* / (Piyal)				
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
433	35	10.67	19	48.26	481	30	9.14	17	43.18	1	32	9.75	15	38.10
434	25	7.62	15	38.10	482	25	7.62	15	38.10	2	28	8.53	15	38.10
435	21	6.40	14	35.56	483	24	7.32	13	33.02	3	20	6.10	13	33.02
436	18	5.49	10	25.40	484	30	9.14	15	38.10	4	40	12.19	32	81.28
437	25	7.62	12	30.48	485	22	6.71	12	30.48	5	18	5.49	10	25.40
438	15	4.57	10	25.40	486	20	6.10	11	27.94	6	20	6.10	10	25.40
439	40	12.19	24	60.96	487	26	7.92	13	33.02	7	15	4.57	12	30.48
440	30	9.14	13	33.02	488	35	10.67	17	43.18	8	10	3.05	6	15.24
441	25	7.62	20	50.80	489	30	9.14	53	134.62	9	18	5.49	12	30.48
442	46	14.02	32	81.28	490	30	9.14	16	40.64					
443	35	10.67	16	40.64	491	20	6.10	11	27.94					
444	25	7.62	12	30.48	492	25	7.62	12	30.48	*Anogeissus latifolia* / (Dhaw)				
445	40	12.19	15	38.10	493	38	11.58	25	63.50	Sl. No	Height		Girth	
446	30	9.14	15	38.10	494	25	7.62	11	27.94		(ft)	(m)	(inch)	(cm)
447	15	4.57	31	78.74	495	45	13.72	25	63.50	1	31	9.45	25	63.50
448	25	7.62	14	35.56	496	35	10.67	19	48.26	2	15	4.57	12	30.48
449	26	7.92	15	38.10	497	45	13.72	20	50.80	3	21	6.40	11	27.94
450	32	9.75	20	50.80	498	40	12.19	22	55.88	4	30	9.14	17	43.18
451	15	4.57	10	25.40	499	25	7.62	13	33.02	5	10	3.05	9	22.86
452	40	12.19	20	50.80	500	55	16.76	28	71.12					
453	35	10.67	19	48.26	501	28	8.53	12	30.48					
454	34	10.36	38	96.52	502	23	7.01	30	76.20	*Scleichera oleosa* / (Kusum)				
455	50	15.24	31	78.74	503	60	18.29	58	147.32	Sl. No	Height		Girth	
456	25	7.62	10	25.40	504	20	6.10	13	33.02		(ft)	(m)	(inch)	(cm)
457	30	9.14	16	40.64						1	35	10.67	17	43.18
458	40	12.19	12	30.48						2	28	8.53	16	40.64
459	34	10.36	20	50.80	*Pterocarpus marsupium* / (Piyasal)									
460	22	6.71	25	63.50	Sl. No	Height		Girth						
461	26	7.92	13	33.02		(ft)	(m)	(inch)	(cm)	*Cassia fistula* / (Sonalu/Bandorlathi)				
462	24	7.32	15	38.10	1	10	3.05	12	30.48	Sl. No	Height		Girth	
463	15	4.57	12	30.48	2	18	5.49	15	38.10		(ft)	(m)	(inch)	(cm)
464	20	6.10	11	27.94	3	25	7.62	20	50.80	1	11	3.35	18	45.72
465	20	6.10	10	25.40	4	20	6.10	17	43.18	2	15	4.57	12	30.48
466	25	7.62	16	40.64	5	22	6.71	18	45.72	3	22	6.71	10	25.40
467	40	12.19	18	45.72										
468	30	9.14	18	45.72										
469	15	4.57	14	35.56	*Albizia lebbeck* / (Siris)					*Bauhinia purpurea*/ (Lal Kanchan/ Kanchan)				
470	30	9.14	19	48.26	Sl. No	Height		Girth		Sl. No	Height		Girth	
471	25	7.62	16	40.64		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
472	23	7.01	14	35.56	1	10	3.05	8	20.32	1	20	6.10	12	30.48
473	28	8.53	13	33.02	2	25	7.62	14	35.56	2	18	5.49	25	63.50
474	25	7.62	13	33.02	3	20	6.10	16	40.64					
475	30	9.14	16	40.64	4	30	9.14	27	68.58					
476	15	4.57	16	40.64	5	18	5.49	8	20.32					
477	30	9.14	36	91.44										
478	28	8.53	15	38.10										
479	30	9.14	16	40.64										
480	20	6.10	14	35.56										

CHANDABILA-TOPOBAN

Cleistanthus collinus / (Parasi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86
2	12	3.66	10	25.40
3	6	1.83	6	15.24
4	7	2.13	15	38.10
5	7	2.13	10	25.40
6	12	3.66	6	15.24
7	17	5.18	10	25.40
8	8	2.44	6	15.24
9	12	3.66	8	20.32
10	16	4.88	12	30.48
11	10	3.05	6	15.24
12	15	4.57	7	17.78
13	12	3.66	9	22.86
14	17	5.18	10	25.40
15	15	4.57	6	15.24
16	13	3.96	7	17.78
17	14	4.27	12	30.48
18	10	3.05	6	15.24
19	16	4.88	9	22.86
20	24	7.32	12	30.48
21	15	4.57	14	35.56
22	14	4.27	12	30.48
23	15	4.57	6	15.24
24	18	5.49	15	38.10
25	10	3.05	8	20.32
26	12	3.66	8	20.32
27	10	3.05	7	17.78
28	13	3.96	9	22.86

Terminalia chebula / (Haritoki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	6	1.83	10	25.40
2	12	3.66	15	38.10
3	20	6.10	11	27.94
4	35	10.67	23	58.42

Flacourtia jangomas / (Boro Boichi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48

Terminalia tomentosa / (Ason)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	13	3.96	10	25.40
2	11	3.35	20	50.80
3	40	12.19	30	76.20
4	10	3.05	7	17.78
5	15	4.57	8	20.32
6	16	4.88	10	25.40
7	15	4.57	12	30.48
8	20	6.10	11	27.94
9	20	6.10	10	25.40
10	18	5.49	12	30.48
11	25	7.62	15	38.10
12	35	10.67	25	63.50
13	15	4.57	9	22.86
14	26	7.92	15	38.10
15	40	12.19	20	50.80
16	15	4.57	18	45.72
17	15	4.57	10	25.40

Mitragyna parviflora / (Kelikadam)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	37	93.98
2	15	4.57	9	22.86
3	17	5.18	12	30.48
4	18	5.49	12	30.48

Adina cordifolia / (Holdu/Korom)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	6	1.83	10	25.40
2	10	3.05	10	25.40
3	20	6.10	40	101.60
4	18	5.49	12	30.48
5	12	3.66	16	40.64
6	16	4.88	19	48.26
7	12	3.66	17	43.18
8	20	6.10	18	45.72
9	20	6.10	19	48.26
10	18	5.49	14	35.56

Careya arborea / (Astha/Kumbhi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	8	2.44	10	25.40
2	15	4.57	14	35.56
3	50	15.24	44	111.76
4	12	3.66	6	15.24
5	25	7.62	13	33.02
6	16	4.88	9	22.86
7	35	10.67	27	68.58
8	28	8.53	19	48.26

Lannea coromandelica / (Geol/Doka)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	14	35.56
2	25	7.62	18	45.72
3	30	9.14	15	38.10

Terminalia bellirica / (Bahera)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	21	53.34
2	15	4.57	12	30.48
3	25	7.62	11	27.94
4	17	5.18	10	25.40
5	25	7.62	11	27.94
6	20	6.10	9	22.86
7	25	7.62	14	35.56
8	36	10.97	35	88.90
9	25	7.62	13	33.02
10	27	8.23	11	27.94
11	30	9.14	16	40.64
12	25	7.62	15	38.10

Semecarpas anacardium / (Vella)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	11	3.35	20	50.80
2	32	9.75	18	45.72
3	40	12.19	16	40.64

CHANDABILA-TOPOBAN

Bridelia retusa / (Kosai)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	10	25.40
2	10	3.05	8	20.32
3	15	4.57	13	33.02
4	25	7.62	32	81.28

Dalbargia latifolia / (Sweti Sal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	9	22.86

Syzygium jambolanum / (Jam)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	17	43.18
2	21	6.40	10	25.40

Morinda citrifolia / (Choili/Noni/Auch)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	17	43.18
2	15	4.57	19	48.26
3	14	4.27	12	30.48
4	16	4.88	18	45.72
5	14	4.27	12	30.48
6	15	4.57	21	53.34
7	13	3.96	11	27.94
8	15	4.57	11	27.94
9	15	4.57	10	25.40
10	25	7.62	12	30.48
11	12	3.66	11	27.94
12	16	4.88	12	30.48
13	12	3.66	11	27.94
14	15	4.57	11	27.94
15	13	3.96	14	35.56
16	10	3.05	20	50.80
17	13	3.96	17	43.18

Madhuca latifolia / (Mahua)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	14	4.27	8	20.32
2	25	7.62	12	30.48
3	25	7.62	20	50.80
4	15	4.57	7	17.78
5	10	3.05	9	22.86
6	10	3.05	8	20.32
7	15	4.57	9	22.86
8	15	4.57	7	17.78
9	15	4.57	8	20.32
10	22	6.71	13	33.02
11	20	6.10	10	25.40
12	20	6.10	26	66.04
13	21	6.40	25	63.50
14	15	4.57	10	25.40
15	18	5.49	10	25.40
16	20	6.10	11	27.94
17	15	4.57	10	25.40
18	17	5.18	10	25.40
19	23	7.01	15	38.10
20	27	8.23	14	35.56
21	30	9.14	24	60.96
22	20	6.10	11	27.94
23	25	7.62	10	25.40
24	10	3.05	8	20.32
25	25	7.62	12	30.48

Phyllanthus embelica / (Amloki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	6	1.83	12	30.48
2	14	4.27	10	25.40
3	13	3.96	8	20.32

Lagerstroemia parviflora / (Sidha)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	16	40.64
2	18	5.49	15	38.10

CHANDABILA-TOPOBAN

Chandabila Topoban SP 6

Shorea robusta / (Sal)													
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
1	16	4.88	13	33.02	41	15	4.57	12	30.48	81	25	7.62	13	33.02
2	15	4.57	16	40.64	42	15	4.57	13	33.02	82	20	6.10	10	25.40
3	18	5.49	16	40.64	43	15	4.57	13	33.02	83	18	5.49	11	27.94
4	10	3.05	8	20.32	44	17	5.18	13	33.02	84	20	6.10	8	20.32
5	16	4.88	12	30.48	45	20	6.10	10	25.40	85	25	7.62	16	40.64
6	16	4.88	12	30.48	46	25	7.62	18	45.72	86	22	6.71	10	25.40
7	20	6.10	16	40.64	47	22	6.71	11	27.94	87	20	6.10	12	30.48
8	20	6.10	43	109.22	48	10	3.05	10	25.40	88	22	6.71	12	30.48
9	25	7.62	21	53.34	49	25	7.62	11	27.94	89	20	6.10	12	30.48
10	16	4.88	9	22.86	50	35	10.67	28	71.12	90	18	5.49	48	121.92
11	10	3.05	8	20.32	51	12	3.66	14	35.56	91	25	7.62	11	27.94
12	15	4.57	13	33.02	52	25	7.62	15	38.10	92	15	4.57	14	35.56
13	10	3.05	10	25.40	53	25	7.62	10	25.40	93	25	7.62	13	33.02
14	20	6.10	17	43.18	54	25	7.62	17	43.18	94	25	7.62	53	134.62
15	20	6.10	14	35.56	55	12	3.66	12	30.48	95	10	3.05	11	27.94
16	20	6.10	12	30.48	56	20	6.10	11	27.94	96	30	9.14	14	35.56
17	25	7.62	19	48.26	57	15	4.57	11	27.94	97	20	6.10	11	27.94
18	15	4.57	14	35.56	58	20	6.10	12	30.48	98	25	7.62	15	38.10
19	12	3.66	11	27.94	59	30	9.14	15	38.10	99	15	4.57	9	22.86
20	15	4.57	10	25.40	60	15	4.57	14	35.56	100	18	5.49	10	25.40
21	20	6.10	14	35.56	61	15	4.57	9	22.86	101	25	7.62	16	40.64
22	20	6.10	15	38.10	62	20	6.10	13	33.02	102	15	4.57	14	35.56
23	18	5.49	26	66.04	63	25	7.62	14	35.56	103	18	5.49	10	25.40
24	25	7.62	16	40.64	64	25	7.62	37	93.98	104	30	9.14	15	38.10
25	20	6.10	12	30.48	65	30	9.14	18	45.72	105	27	8.23	12	30.48
26	10	3.05	12	30.48	66	20	6.10	10	25.40	106	17	5.18	15	38.10
27	15	4.57	11	27.94	67	20	6.10	14	35.56	107	25	7.62	16	40.64
28	12	3.66	10	25.40	68	12	3.66	9	22.86	108	25	7.62	10	25.40
29	15	4.57	12	30.48	69	20	6.10	17	43.18	109	35	10.67	12	30.48
30	10	3.05	10	25.40	70	35	10.67	20	50.80	110	17	5.18	15	38.10
31	15	4.57	9	22.86	71	25	7.62	22	55.88	111	25	7.62	14	35.56
32	8	2.44	10	25.40	72	12	3.66	8	20.32	112	30	9.14	16	40.64
33	15	4.57	10	25.40	73	20	6.10	12	30.48	113	20	6.10	17	43.18
34	15	4.57	11	27.94	74	12	3.66	10	25.40	114	24	7.32	18	45.72
35	12	3.66	9	22.86	75	22	6.71	18	45.72	115	22	6.71	11	27.94
36	20	6.10	12	30.48	76	20	6.10	14	35.56	116	10	3.05	10	25.40
37	20	6.10	16	40.64	77	20	6.10	8	20.32	117	35	10.67	16	40.64
38	8	2.44	10	25.40	78	25	7.62	11	27.94	118	25	7.62	14	35.56
39	12	3.66	10	25.40	79	20	6.10	12	30.48	119	12	3.66	15	38.10
40	15	4.57	10	25.40	80	18	5.49	9	22.86	120	25	7.62	13	33.02

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)													
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
121	20	6.10	13	33.02	161	18	5.49	15	38.10	201	25	7.62	18	45.72
122	25	7.62	14	35.56	162	25	7.62	13	33.02	202	22	6.71	13	33.02
123	35	10.67	16	40.64	163	25	7.62	11	27.94	203	12	3.66	10	25.40
124	20	6.10	13	33.02	164	20	6.10	12	30.48	204	18	5.49	13	33.02
125	25	7.62	30	76.20	165	30	9.14	13	33.02	205	15	4.57	11	27.94
126	25	7.62	14	35.56	166	20	6.10	12	30.48	206	20	6.10	10	25.40
127	30	9.14	15	38.10	167	25	7.62	13	33.02	207	25	7.62	13	33.02
128	12	3.66	9	22.86	168	25	7.62	25	63.50	208	30	9.14	17	43.18
129	25	7.62	15	38.10	169	15	4.57	12	30.48	209	30	9.14	18	45.72
130	25	7.62	13	33.02	170	25	7.62	11	27.94	210	35	10.67	15	38.10
131	15	4.57	11	27.94	171	35	10.67	17	43.18	211	15	4.57	14	35.56
132	20	6.10	11	27.94	172	25	7.62	18	45.72	212	20	6.10	13	33.02
133	22	6.71	12	30.48	173	35	10.67	17	43.18	213	17	5.18	10	25.40
134	17	5.18	14	35.56	174	17	5.18	14	35.56	214	15	4.57	9	22.86
135	25	7.62	13	33.02	175	15	4.57	8	20.32	215	20	6.10	11	27.94
136	30	9.14	16	40.64	176	20	6.10	21	53.34	216	25	7.62	30	76.20
137	30	9.14	15	38.10	177	15	4.57	10	25.40	217	10	3.05	8	20.32
138	10	3.05	11	27.94	178	15	4.57	14	35.56	218	30	9.14	17	43.18
139	25	7.62	14	35.56	179	25	7.62	10	25.40	219	10	3.05	9	22.86
140	25	7.62	11	27.94	180	30	9.14	16	40.64	220	28	8.53	11	27.94
141	25	7.62	14	35.56	181	25	7.62	10	25.40	221	15	4.57	10	25.40
142	28	8.53	12	30.48	182	20	6.10	11	27.94	222	15	4.57	11	27.94
143	20	6.10	16	40.64	183	30	9.14	13	33.02	223	12	3.66	8	20.32
144	10	3.05	7	17.78	184	25	7.62	16	40.64	224	40	12.19	65	165.10
145	20	6.10	11	27.94	185	25	7.62	14	35.56	225	17	5.18	11	27.94
146	20	6.10	14	35.56	186	20	6.10	11	27.94	226	12	3.66	11	27.94
147	10	3.05	8	20.32	187	40	12.19	38	96.52	227	15	4.57	17	43.18
148	35	10.67	20	50.80	188	12	3.66	11	27.94	228	15	4.57	12	30.48
149	25	7.62	15	38.10	189	30	9.14	14	35.56	229	25	7.62	15	38.10
150	15	4.57	9	22.86	190	15	4.57	11	27.94	230	15	4.57	11	27.94
151	20	6.10	15	38.10	191	28	8.53	12	30.48	231	18	5.49	12	30.48
152	20	6.10	10	25.40	192	15	4.57	10	25.40	232	18	5.49	13	33.02
153	25	7.62	12	30.48	193	20	6.10	14	35.56	233	20	6.10	15	38.10
154	25	7.62	16	40.64	194	30	9.14	15	38.10	234	22	6.71	20	50.80
155	30	9.14	16	40.64	195	25	7.62	15	38.10	235	25	7.62	15	38.10
156	10	3.05	8	20.32	196	15	4.57	10	25.40	236	20	6.10	10	25.40
157	20	6.10	11	27.94	197	12	3.66	8	20.32	237	25	7.62	12	30.48
158	18	5.49	10	25.40	198	25	7.62	11	27.94	238	25	7.62	16	40.64
159	22	6.71	10	25.40	199	25	7.62	18	45.72	239	45	13.72	32	81.28
160	25	7.62	15	38.10	200	25	7.62	10	25.40	240	20	6.10	11	27.94

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
241	15	4.57	12	30.48	281	20	6.10	11	27.94	321	25	7.62	14	35.56
242	20	6.10	11	27.94	282	30	9.14	20	50.80	322	15	4.57	10	25.40
243	15	4.57	10	25.40	283	12	3.66	13	33.02	323	14	4.27	9	22.86
244	25	7.62	12	30.48	284	15	4.57	11	27.94	324	25	7.62	13	33.02
245	12	3.66	18	45.72	285	12	3.66	9	22.86	325	12	3.66	8	20.32
246	12	3.66	11	27.94	286	25	7.62	14	35.56	326	25	7.62	10	25.40
247	12	3.66	13	33.02	287	15	4.57	11	27.94	327	10	3.05	9	22.86
248	25	7.62	14	35.56	288	20	6.10	12	30.48	328	20	6.10	17	43.18
249	25	7.62	12	30.48	289	25	7.62	22	55.88	329	17	5.18	10	25.40
250	25	7.62	17	43.18	290	18	5.49	10	25.40	330	18	5.49	12	30.48
251	14	4.27	13	33.02	291	10	3.05	9	22.86	331	30	9.14	28	71.12
252	15	4.57	10	25.40	292	25	7.62	14	35.56	332	25	7.62	14	35.56
253	18	5.49	11	27.94	293	20	6.10	12	30.48	333	15	4.57	10	25.40
254	12	3.66	7	17.78	294	20	6.10	14	35.56	334	12	3.66	9	22.86
255	15	4.57	19	48.26	295	18	5.49	12	30.48	335	15	4.57	8	20.32
256	35	10.67	23	58.42	296	12	3.66	19	48.26	336	15	4.57	10	25.40
257	12	3.66	10	25.40	297	15	4.57	9	22.86	337	12	3.66	12	30.48
258	15	4.57	11	27.94	298	20	6.10	15	38.10	338	20	6.10	10	25.40
259	17	5.18	12	30.48	299	15	4.57	12	30.48	339	10	3.05	6	15.24
260	30	9.14	13	33.02	300	35	10.67	13	33.02	340	15	4.57	11	27.94
261	25	7.62	17	43.18	301	17	5.18	14	35.56	341	10	3.05	6	15.24
262	25	7.62	12	30.48	302	20	6.10	16	40.64	342	25	7.62	14	35.56
263	20	6.10	17	43.18	303	10	3.05	8	20.32	343	15	4.57	10	25.40
264	20	6.10	11	27.94	304	20	6.10	15	38.10	344	12	3.66	10	25.40
265	18	5.49	13	33.02	305	25	7.62	16	40.64	345	25	7.62	12	30.48
266	19	5.79	17	43.18	306	18	5.49	10	25.40	346	15	4.57	11	27.94
267	25	7.62	11	27.94	307	20	6.10	11	27.94	347	25	7.62	11	27.94
268	22	6.71	18	45.72	308	15	4.57	11	27.94	348	12	3.66	12	30.48
269	15	4.57	10	25.40	309	15	4.57	10	25.40	349	15	4.57	10	25.40
270	10	3.05	11	27.94	310	12	3.66	10	25.40	350	18	5.49	13	33.02
271	12	3.66	10	25.40	311	12	3.66	11	27.94	351	11	3.35	8	20.32
272	20	6.10	11	27.94	312	35	10.67	19	48.26	352	25	7.62	11	27.94
273	12	3.66	13	33.02	313	25	7.62	12	30.48	353	20	6.10	10	25.40
274	15	4.57	11	27.94	314	20	6.10	11	27.94	354	18	5.49	11	27.94
275	25	7.62	12	30.48	315	12	3.66	11	27.94	355	12	3.66	11	27.94
276	25	7.62	16	40.64	316	20	6.10	14	35.56	356	15	4.57	11	27.94
277	25	7.62	11	27.94	317	10	3.05	8	20.32	357	25	7.62	14	35.56
278	28	8.53	12	30.48	318	17	5.18	11	27.94	358	15	4.57	9	22.86
279	25	7.62	12	30.48	319	15	4.57	12	30.48	359	10	3.05	8	20.32
280	12	3.66	15	38.10	320	12	3.66	9	22.86	360	15	4.57	8	20.32

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
361	15	4.57	14	35.56	401	15	4.57	18	45.72	441	12	3.66	7	17.78
362	20	6.10	11	27.94	402	35	10.67	12	30.48	442	20	6.10	15	38.10
363	10	3.05	8	20.32	403	25	7.62	11	27.94	443	40	12.19	26	66.04
364	20	6.10	10	25.40	404	17	5.18	13	33.02	444	15	4.57	30	76.20
365	20	6.10	15	38.10	405	10	3.05	11	27.94	445	20	6.10	13	33.02
366	20	6.10	36	91.44	406	28	8.53	15	38.10	446	40	12.19	29	73.66
367	20	6.10	11	27.94	407	20	6.10	10	25.40	447	17	5.18	13	33.02
368	15	4.57	13	33.02	408	12	3.66	9	22.86	448	25	7.62	16	40.64
369	25	7.62	15	38.10	409	17	5.18	14	35.56	449	11	3.35	9	22.86
370	15	4.57	15	38.10	410	13	3.96	11	27.94	450	22	6.71	12	30.48
371	25	7.62	10	25.40	411	15	4.57	11	27.94	451	20	6.10	13	33.02
372	22	6.71	13	33.02	412	20	6.10	13	33.02	452	12	3.66	10	25.40
373	20	6.10	18	45.72	413	25	7.62	11	27.94	453	15	4.57	11	27.94
374	25	7.62	13	33.02	414	12	3.66	13	33.02	454	18	5.49	12	30.48
375	13	3.96	10	25.40	415	25	7.62	13	33.02	455	20	6.10	13	33.02
376	15	4.57	11	27.94	416	17	5.18	11	27.94	456	30	9.14	16	40.64
377	20	6.10	10	25.40	417	30	9.14	16	40.64	457	20	6.10	14	35.56
378	20	6.10	11	27.94	418	25	7.62	11	27.94	458	20	6.10	15	38.10
379	15	4.57	10	25.40	419	12	3.66	10	25.40	459	30	9.14	15	38.10
380	20	6.10	13	33.02	420	25	7.62	13	33.02	460	25	7.62	11	27.94
381	25	7.62	14	35.56	421	15	4.57	9	22.86	461	17	5.18	18	45.72
382	20	6.10	22	55.88	422	20	6.10	17	43.18	462	18	5.49	10	25.40
383	10	3.05	8	20.32	423	15	4.57	10	25.40	463	14	4.27	8	20.32
384	20	6.10	18	45.72	424	45	13.72	40	101.60	464	13	3.96	7	17.78
385	30	9.14	20	50.80	425	17	5.18	11	27.94	465	35	10.67	13	33.02
386	11	3.35	10	25.40	426	18	5.49	9	22.86	466	15	4.57	11	27.94
387	25	7.62	12	30.48	427	20	6.10	11	27.94	467	14	4.27	10	25.40
388	15	4.57	13	33.02	428	25	7.62	13	33.02	468	20	6.10	10	25.40
389	11	3.35	12	30.48	429	20	6.10	14	35.56	469	15	4.57	10	25.40
390	20	6.10	11	27.94	430	10	3.05	8	20.32	470	20	6.10	13	33.02
391	20	6.10	14	35.56	431	20	6.10	13	33.02	471	30	9.14	15	38.10
392	15	4.57	11	27.94	432	35	10.67	18	45.72	472	10	3.05	8	20.32
393	25	7.62	14	35.56	433	20	6.10	11	27.94	473	30	9.14	16	40.64
394	20	6.10	10	25.40	434	29	8.84	11	27.94	474	20	6.10	12	30.48
395	28	8.53	18	45.72	435	18	5.49	10	25.40	475	20	6.10	18	45.72
396	32	9.75	15	38.10	436	27	8.23	12	30.48	476	28	8.53	12	30.48
397	25	7.62	18	45.72	437	15	4.57	11	27.94	477	25	7.62	15	38.10
398	25	7.62	20	50.80	438	20	6.10	14	35.56	478	18	5.49	14	35.56
399	25	7.62	13	33.02	439	25	7.62	12	30.48	479	35	10.67	16	40.64
400	15	4.57	11	27.94	440	15	4.57	10	25.40	480	24	7.32	12	30.48

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
481	15	4.57	11	27.94	521	15	4.57	11	27.94	561	12	3.66	7	17.78
482	22	6.71	14	35.56	522	20	6.10	12	30.48	562	15	4.57	11	27.94
483	12	3.66	13	33.02	523	16	4.88	11	27.94	563	15	4.57	10	25.40
484	20	6.10	11	27.94	524	30	9.14	19	48.26	564	18	5.49	12	30.48
485	25	7.62	14	35.56	525	12	3.66	7	17.78	565	25	7.62	18	45.72
486	30	9.14	11	27.94	526	30	9.14	32	81.28	566	32	9.75	25	63.50
487	12	3.66	12	30.48	527	28	8.53	11	27.94	567	10	3.05	7	17.78
488	32	9.75	16	40.64	528	30	9.14	18	45.72	568	30	9.14	16	40.64
489	25	7.62	11	27.94	529	22	6.71	18	45.72	569	16	4.88	11	27.94
490	20	6.10	13	33.02	530	19	5.79	13	33.02	570	50	15.24	43	109.22
491	15	4.57	13	33.02	531	15	4.57	10	25.40	571	25	7.62	14	35.56
492	20	6.10	10	25.40	532	15	4.57	8	20.32	572	15	4.57	12	30.48
493	25	7.62	11	27.94	533	27	8.23	11	27.94	573	20	6.10	14	35.56
494	20	6.10	11	27.94	534	25	7.62	11	27.94	574	15	4.57	11	27.94
495	18	5.49	12	30.48	535	25	7.62	12	30.48	575	13	3.96	11	27.94
496	20	6.10	10	25.40	536	20	6.10	11	27.94	576	20	6.10	9	22.86
497	35	10.67	18	45.72	537	13	3.96	10	25.40	577	12	3.66	11	27.94
498	12	3.66	9	22.86	538	20	6.10	12	30.48	578	17	5.18	12	30.48
499	15	4.57	12	30.48	539	22	6.71	11	27.94	579	17	5.18	15	38.10
500	35	10.67	18	45.72	540	15	4.57	12	30.48	580	20	6.10	12	30.48
501	25	7.62	13	33.02	541	25	7.62	13	33.02	581	12	3.66	10	25.40
502	18	5.49	12	30.48	542	25	7.62	11	27.94	582	30	9.14	14	35.56
503	15	4.57	25	63.50	543	35	10.67	15	38.10	583	17	5.18	10	25.40
504	14	4.27	10	25.40	544	15	4.57	11	27.94	584	18	5.49	13	33.02
505	17	5.18	11	27.94	545	25	7.62	15	38.10	585	20	6.10	11	27.94
506	20	6.10	12	30.48	546	14	4.27	13	33.02	586	17	5.18	11	27.94
507	20	6.10	18	45.72	547	30	9.14	14	35.56	587	15	4.57	10	25.40
508	27	8.23	12	30.48	548	30	9.14	15	38.10	588	15	4.57	13	33.02
509	15	4.57	13	33.02	549	15	4.57	24	60.96	589	14	4.27	11	27.94
510	20	6.10	12	30.48	550	20	6.10	17	43.18	590	45	13.72	39	99.06
511	30	9.14	14	35.56	551	15	4.57	12	30.48	591	15	4.57	10	25.40
512	17	5.18	10	25.40	552	12	3.66	7	17.78	592	15	4.57	33	83.82
513	30	9.14	16	40.64	553	20	6.10	19	48.26	593	25	7.62	16	40.64
514	21	6.40	18	45.72	554	25	7.62	14	35.56	594	20	6.10	16	40.64
515	13	3.96	9	22.86	555	30	9.14	26	66.04	595	25	7.62	57	144.78
516	12	3.66	7	17.78	556	27	8.23	13	33.02	596	20	6.10	17	43.18
517	35	10.67	28	71.12	557	20	6.10	11	27.94	597	15	4.57	11	27.94
518	10	3.05	7	17.78	558	25	7.62	21	53.34	598	25	7.62	45	114.30
519	30	9.14	14	35.56	559	20	6.10	12	30.48	599	15	4.57	13	33.02
520	13	3.96	11	27.94	560	15	4.57	16	40.64	600	15	4.57	10	25.40

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)		(ft)	(m)	(Inch)	(cm)
601	30	9.14	42	106.68	641	15	4.57	8	20.32	681	10	3.05	9	22.86
602	12	3.66	10	25.40	642	20	6.10	10	25.40	682	15	4.57	13	33.02
603	12	3.66	11	27.94	643	14	4.27	7	17.78	683	15	4.57	12	30.48
604	15	4.57	30	76.20	644	20	6.10	10	25.40	684	20	6.10	13	33.02
605	25	7.62	15	38.10	645	20	6.10	28	71.12	685	20	6.10	14	35.56
606	12	3.66	7	17.78	646	25	7.62	18	45.72	686	20	6.10	15	38.10
607	10	3.05	8	20.32	647	20	6.10	11	27.94	687	20	6.10	13	33.02
608	20	6.10	13	33.02	648	30	9.14	18	45.72	688	14	4.27	15	38.10
609	25	7.62	15	38.10	649	28	8.53	14	35.56	689	18	5.49	9	22.86
610	25	7.62	18	45.72	650	25	7.62	14	35.56	690	15	4.57	10	25.40
611	25	7.62	12	30.48	651	15	4.57	13	33.02	691	15	4.57	14	35.56
612	20	6.10	13	33.02	652	20	6.10	13	33.02	692	22	6.71	19	48.26
613	25	7.62	13	33.02	653	20	6.10	16	40.64	693	12	3.66	10	25.40
614	25	7.62	15	38.10	654	25	7.62	13	33.02	694	14	4.27	9	22.86
615	24	7.32	12	30.48	655	20	6.10	10	25.40	695	15	4.57	10	25.40
616	25	7.62	13	33.02	656	17	5.18	14	35.56	696	10	3.05	13	33.02
617	15	4.57	11	27.94	657	21	6.40	11	27.94	697	25	7.62	13	33.02
618	20	6.10	12	30.48	658	55	16.76	29	73.66	698	25	7.62	23	58.42
619	25	7.62	30	76.20	659	10	3.05	9	22.86	699	20	6.10	10	25.40
620	25	7.62	11	27.94	660	15	4.57	9	22.86	700	17	5.18	11	27.94
621	12	3.66	7	17.78	661	15	4.57	28	71.12	701	30	9.14	45	114.30
622	10	3.05	37	93.98	662	20	6.10	11	27.94	702	12	3.66	11	27.94
623	22	6.71	15	38.10	663	25	7.62	12	30.48	703	25	7.62	12	30.48
624	18	5.49	10	25.40	664	20	6.10	11	27.94	704	25	7.62	17	43.18
625	30	9.14	48	121.92	665	25	7.62	20	50.80	705	20	6.10	11	27.94
626	30	9.14	16	40.64	666	18	5.49	14	35.56	706	25	7.62	15	38.10
627	13	3.96	10	25.40	667	20	6.10	11	27.94	707	15	4.57	13	33.02
628	25	7.62	12	30.48	668	25	7.62	12	30.48	708	17	5.18	14	35.56
629	15	4.57	11	27.94	669	14	4.27	10	25.40	709	18	5.49	13	33.02
630	25	7.62	12	30.48	670	25	7.62	13	33.02	710	20	6.10	10	25.40
631	20	6.10	11	27.94	671	20	6.10	40	101.60	711	12	3.66	17	43.18
632	15	4.57	11	27.94	672	30	9.14	16	40.64	712	25	7.62	16	40.64
633	25	7.62	12	30.48	673	15	4.57	17	43.18	713	10	3.05	8	20.32
634	20	6.10	13	33.02	674	25	7.62	15	38.10	714	20	6.10	13	33.02
635	20	6.10	11	27.94	675	20	6.10	15	38.10	715	10	3.05	7	17.78
636	24	7.32	11	27.94	676	15	4.57	10	25.40	716	15	4.57	13	33.02
637	18	5.49	12	30.48	677	25	7.62	16	40.64	717	10	3.05	8	20.32
638	20	6.10	10	25.40	678	15	4.57	13	33.02	718	65	19.81	70	177.80
639	17	5.18	11	27.94	679	17	5.18	20	50.80	719	20	6.10	13	33.02
640	15	4.57	10	25.40	680	25	7.62	29	73.66	720	15	4.57	12	30.48

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
721	18	5.49	13	33.02
722	20	6.10	14	35.56
723	20	6.10	12	30.48
724	15	4.57	11	27.94
725	18	5.49	11	27.94
726	15	4.57	9	22.86
727	25	7.62	15	38.10
728	20	6.10	10	25.40
729	15	4.57	10	25.40
730	18	5.49	10	25.40
731	30	9.14	28	71.12
732	15	4.57	9	22.86
733	25	7.62	14	35.56

Madhuca latifolia / (Mahua)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	20	6.10	10	25.40
2	12	3.66	12	30.48
3	20	6.10	12	30.48
4	25	7.62	13	33.02
5	18	5.49	10	25.40
6	20	6.10	10	25.40
7	20	6.10	11	27.94
8	15	4.57	11	27.94
9	15	4.57	14	35.56
10	25	7.62	19	48.26

Diospyros excelsa / (Kendu)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	13	3.96	10	25.40
2	10	3.05	8	20.32

Lannea coromandelica / (Geol/Doka)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	12	3.66	23	58.42
2	10	3.05	11	27.94
3	25	7.62	17	43.18
4	25	7.62	12	30.48

Terminallia tomentosa / (Ason)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	15	4.57	7	17.78
2	15	4.57	6	15.24
3	10	3.05	8	20.32
4	20	6.10	9	22.86
5	12	3.66	14	35.56
6	12	3.66	10	25.40
7	10	3.05	10	25.40

Morinda citrifolia / (Choili/Noni/Auch)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	5	1.52	13	33.02
2	14	4.27	12	30.48
3	10	3.05	17	43.18

Terminalia bellirica/ (Bahera)				
、	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	18	5.49	24	60.96
2	20	6.10	11	27.94
3	15	4.57	7	17.78
4	8	2.44	10	25.40
5	20	6.10	9	22.86
6	30	9.14	29	73.66
7	12	3.66	11	27.94

Careya arborea / (Astha/Kumbhi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	25	7.62	22	55.88
2	35	10.67	65	165.10
3	18	5.49	15	38.10
4	15	4.57	11	27.94
5	10	3.05	10	25.40
6	25	7.62	13	33.02
7	30	9.14	33	83.82

Buchanania lanzan / (Piyal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	14	4.27	15	38.10

Albizia lebbeck / (Siris)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	10	3.05	8	20.32
2	15	4.57	12	30.48
3	15	4.57	7	17.78
4	25	7.62	10	25.40
5	15	4.57	10	25.40
6	25	7.62	12	30.48
7	15	4.57	6	15.24
8	30	9.14	13	33.02
9	15	4.57	7	17.78
10	15	4.57	8	20.32
11	20	6.10	12	30.48
12	15	4.57	16	40.64
13	12	3.66	6	15.24
14	22	6.71	13	33.02
15	15	4.57	8	20.32
16	15	4.57	12	30.48
17	25	7.62	15	38.10
18	12	3.66	13	33.02
19	10	3.05	13	33.02
20	18	5.49	10	25.40
21	25	7.62	19	48.26
22	25	7.62	16	40.64

Cassia fistula / (Sonalu/Bandorlathi)				
	Height		Girth	
Sl. No.	(ft)	(m)	(Inch)	(cm)
1	30	9.14	17	43.18

Syzygium jambolanum/ (Jam)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	15	4.57	12	30.48
2	15	4.57	8	20.32
3	17	5.18	12	30.48
4	20	6.10	13	33.02

Flacourtia jangomas / (Boro Boichi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	15	4.57	8	20.32
2	20	6.10	10	25.40
3	12	3.66	10	25.40

CHANDABILA-TOPOBAN

Anogeissus latifolia / (Dhaw)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	10	3.05	7	17.78
2	10	3.05	10	25.40
3	15	4.57	10	25.40
4	14	4.27	7	17.78
5	15	4.57	11	27.94
6	10	3.05	8	20.32

Cleistanthus collinus / (Parasi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	8	2.44	9	22.86
2	10	3.05	8	20.32
3	10	3.05	7	17.78
4	10	3.05	5	12.70
5	7	2.13	8	20.32
6	12	3.66	9	22.86
7	15	4.57	9	22.86

Lagerstroemia parviflora / (Sidha)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	15	4.57	10	25.40
2	15	4.57	11	27.94
3	10	3.05	11	27.94
4	10	3.05	8	20.32
5	8	2.44	7	17.78
6	10	3.05	11	27.94
7	10	3.05	7	17.78

Terminalia chebula/ (Haritoki)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	15	4.57	7	17.78
2	15	4.57	12	30.48
3	17	5.18	13	33.02
4	15	4.57	26	66.04

Adina cordifolia/ (Holdu/Korom)				
Sl. No.	Height		Girth	
	(ft)	(m)	(Inch)	(cm)
1	20	6.10	56	142.24
2	25	7.62	20	50.80
3	15	4.57	11	27.94
4	15	4.57	12	30.48

CHANDABILA-TOPOBAN

Chandabila Topoban SP 7

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	20	6.10	32	81.28	51	20	6.10	10	25.40	101	14	4.27	10	25.40
2	15	4.57	9	22.86	52	25	7.62	9	22.86	102	20	6.10	10	25.40
3	20	6.10	16	40.64	53	15	4.57	12	30.48	103	15	4.57	8	20.32
4	8	2.44	10	25.40	54	22	6.71	10	25.40	104	15	4.57	15	38.10
5	15	4.57	10	25.40	55	14	4.27	12	30.48	105	25	7.62	15	38.10
6	15	4.57	12	30.48	56	30	9.14	16	40.64	106	15	4.57	40	101.60
7	12	3.66	11	27.94	57	15	4.57	9	22.86	107	22	6.71	20	50.80
8	20	6.10	12	30.48	58	35	10.67	20	50.80	108	15	4.57	8	20.32
9	12	3.66	9	22.86	59	15	4.57	10	25.40	109	12	3.66	10	25.40
10	15	4.57	14	35.56	60	10	3.05	8	20.32	110	15	4.57	8	20.32
11	15	4.57	10	25.40	61	15	4.57	10	25.40	111	25	7.62	13	33.02
12	25	7.62	17	43.18	62	15	4.57	11	27.94	112	20	6.10	12	30.48
13	15	4.57	13	33.02	63	20	6.10	12	30.48	113	20	6.10	9	22.86
14	17	5.18	26	66.04	64	15	4.57	17	43.18	114	15	4.57	9	22.86
15	10	3.05	7	17.78	65	15	4.57	10	25.40	115	25	7.62	15	38.10
16	20	6.10	27	68.58	66	15	4.57	9	22.86	116	15	4.57	15	38.10
17	18	5.49	21	53.34	67	13	3.96	10	25.40	117	15	4.57	9	22.86
18	20	6.10	30	76.20	68	25	7.62	11	27.94	118	20	6.10	19	48.26
19	15	4.57	12	30.48	69	12	3.66	10	25.40	119	15	4.57	10	25.40
20	15	4.57	14	35.56	70	15	4.57	10	25.40	120	15	4.57	9	22.86
21	18	5.49	14	35.56	71	15	4.57	10	25.40	121	20	6.10	16	40.64
22	20	6.10	12	30.48	72	21	6.40	18	45.72	122	14	4.27	8	20.32
23	15	4.57	11	27.94	73	30	9.14	29	73.66	123	20	6.10	16	40.64
24	11	3.35	9	22.86	74	20	6.10	17	43.18	124	15	4.57	10	25.40
25	15	4.57	12	30.48	75	12	3.66	10	25.40	125	15	4.57	9	22.86
26	25	7.62	15	38.10	76	15	4.57	9	22.86	126	12	3.66	11	27.94
27	20	6.10	14	35.56	77	30	9.14	18	45.72	127	15	4.57	8	20.32
28	15	4.57	9	22.86	78	10	3.05	12	30.48	128	16	4.88	15	38.10
29	15	4.57	12	30.48	79	30	9.14	30	76.20	129	20	6.10	10	25.40
30	14	4.27	13	33.02	80	13	3.96	10	25.40	130	15	4.57	9	22.86
31	20	6.10	10	25.40	81	20	6.10	16	40.64	131	20	6.10	11	27.94
32	15	4.57	10	25.40	82	18	5.49	14	35.56	132	15	4.57	8	20.32
33	12	3.66	10	25.40	83	15	4.57	11	27.94	133	15	4.57	13	33.02
34	15	4.57	12	30.48	84	50	15.24	58	147.32	134	20	6.10	13	33.02
35	15	4.57	9	22.86	85	20	6.10	11	27.94	135	10	3.05	9	22.86
36	15	4.57	10	25.40	86	15	4.57	10	25.40	136	20	6.10	15	38.10
37	15	4.57	10	25.40	87	13	3.96	10	25.40	137	20	6.10	11	27.94
38	20	6.10	13	33.02	88	18	5.49	10	25.40	138	15	4.57	10	25.40
39	18	5.49	9	22.86	89	10	3.05	10	25.40	139	20	6.10	11	27.94
40	18	5.49	13	33.02	90	20	6.10	10	25.40	140	30	9.14	22	55.88
41	30	9.14	18	45.72	91	37	11.28	13	33.02	141	30	9.14	14	35.56
42	35	10.67	16	40.64	92	35	10.67	16	40.64	142	25	7.62	12	30.48
43	15	4.57	10	25.40	93	30	9.14	11	27.94	143	22	6.71	10	25.40
44	25	7.62	15	38.10	94	50	15.24	23	58.42	144	23	7.01	11	27.94
45	25	7.62	14	35.56	95	45	13.72	22	55.88	145	15	4.57	10	25.40
46	25	7.62	16	40.64	96	55	16.76	60	152.40	146	10	3.05	8	20.32
47	35	10.67	17	43.18	97	25	7.62	13	33.02	147	30	9.14	53	134.62
48	15	4.57	9	22.86	98	30	9.14	15	38.10	148	17	5.18	11	27.94
49	32	9.75	17	43.18	99	20	6.10	11	27.94	149	18	5.49	12	30.48
50	20	6.10	12	30.48	100	30	9.14	13	33.02	150	21	6.40	18	45.72

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	14	4.27	13	33.02	201	15	4.57	13	33.02	251	15	4.57	10	25.40
152	15	4.57	18	45.72	202	20	6.10	19	48.26	252	15	4.57	18	45.72
153	20	6.10	13	33.02	203	22	6.71	14	35.56	253	20	6.10	10	25.40
154	21	6.40	22	55.88	204	11	3.35	8	20.32	254	30	9.14	25	63.50
155	15	4.57	20	50.80	205	20	6.10	14	35.56	255	14	4.27	12	30.48
156	20	6.10	14	35.56	206	20	6.10	11	27.94	256	12	3.66	8	20.32
157	20	6.10	19	48.26	207	15	4.57	13	33.02	257	50	15.24	45	114.30
158	40	12.19	35	88.90	208	20	6.10	10	25.40	258	15	4.57	9	22.86
159	21	6.40	18	45.72	209	15	4.57	9	22.86	259	10	3.05	9	22.86
160	15	4.57	11	27.94	210	22	6.71	20	50.80	260	15	4.57	10	25.40
161	15	4.57	10	25.40	211	18	5.49	15	38.10	261	25	7.62	14	35.56
162	25	7.62	54	137.16	212	20	6.10	13	33.02	262	30	9.14	29	73.66
163	25	7.62	20	50.80	213	12	3.66	8	20.32	263	20	6.10	13	33.02
164	12	3.66	11	27.94	214	15	4.57	11	27.94	264	23	7.01	20	50.80
165	18	5.49	15	38.10	215	25	7.62	20	50.80	265	20	6.10	19	48.26
166	15	4.57	10	25.40	216	15	4.57	11	27.94	266	20	6.10	13	33.02
167	20	6.10	36	91.44	217	18	5.49	11	27.94	267	25	7.62	12	30.48
168	15	4.57	10	25.40	218	12	3.66	11	27.94	268	10	3.05	8	20.32
169	12	3.66	9	22.86	219	10	3.05	15	38.10	269	25	7.62	30	76.20
170	15	4.57	18	45.72	220	13	3.96	10	25.40	270	20	6.10	11	27.94
171	20	6.10	13	33.02	221	15	4.57	19	48.26	271	15	4.57	13	33.02
172	15	4.57	16	40.64	222	20	6.10	14	35.56	272	30	9.14	14	35.56
173	18	5.49	15	38.10	223	11	3.35	9	22.86	273	15	4.57	16	40.64
174	15	4.57	9	22.86	224	20	6.10	14	35.56	274	25	7.62	55	139.70
175	20	6.10	12	30.48	225	15	4.57	13	33.02	275	20	6.10	25	63.50
176	13	3.96	9	22.86	226	15	4.57	11	27.94	276	13	3.96	12	30.48
177	15	4.57	10	25.40	227	15	4.57	13	33.02	277	25	7.62	13	33.02
178	15	4.57	9	22.86	228	25	7.62	35	88.90	278	31	9.45	47	119.38
179	15	4.57	13	33.02	229	35	10.67	40	101.60	279	30	9.14	16	40.64
180	16	4.88	12	30.48	230	20	6.10	14	35.56	280	12	3.66	21	53.34
181	20	6.10	11	27.94	231	25	7.62	35	88.90	281	15	4.57	10	25.40
182	21	6.40	35	88.90	232	15	4.57	9	22.86	282	15	4.57	21	53.34
183	20	6.10	22	55.88	233	15	4.57	13	33.02	283	10	3.05	31	78.74
184	15	4.57	10	25.40	234	25	7.62	16	40.64	284	15	4.57	9	22.86
185	15	4.57	13	33.02	235	25	7.62	15	38.10	285	20	6.10	12	30.48
186	20	6.10	12	30.48	236	10	3.05	12	30.48	286	15	4.57	12	30.48
187	15	4.57	12	30.48	237	13	3.96	12	30.48	287	30	9.14	18	45.72
188	10	3.05	8	20.32	238	15	4.57	9	22.86	288	15	4.57	9	22.86
189	22	6.71	14	35.56	239	12	3.66	13	33.02	289	20	6.10	13	33.02
190	20	6.10	15	38.10	240	15	4.57	9	22.86	290	14	4.27	10	25.40
191	15	4.57	17	43.18	241	18	5.49	10	25.40	291	25	7.62	11	27.94
192	30	9.14	13	33.02	242	15	4.57	20	50.80	292	15	4.57	11	27.94
193	30	9.14	17	43.18	243	17	5.18	9	22.86	293	20	6.10	16	40.64
194	25	7.62	18	45.72	244	38	11.58	30	76.20	294	30	9.14	15	38.10
195	25	7.62	30	76.20	245	40	12.19	21	53.34	295	40	12.19	52	132.08
196	17	5.18	10	25.40	246	15	4.57	15	38.10	296	35	10.67	17	43.18
197	20	6.10	16	40.64	247	14	4.27	10	25.40	297	25	7.62	11	27.94
198	25	7.62	14	35.56	248	17	5.18	13	33.02	298	15	4.57	11	27.94
199	16	4.88	14	35.56	249	15	4.57	10	25.40	299	15	4.57	10	25.40
200	35	10.67	15	38.10	250	32	9.75	17	43.18	300	20	6.10	15	38.10

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	15	4.57	11	27.94	351	15	4.57	8	20.32	401	45	13.72	18	45.72
302	12	3.66	10	25.40	352	17	5.18	13	33.02	402	12	3.66	7	17.78
303	20	6.10	21	53.34	353	15	4.57	13	33.02	403	20	6.10	18	45.72
304	18	5.49	9	22.86	354	7	2.13	56	142.24	404	30	9.14	15	38.10
305	15	4.57	11	27.94	355	15	4.57	9	22.86	405	15	4.57	10	25.40
306	20	6.10	13	33.02	356	20	6.10	12	30.48	406	25	7.62	12	30.48
307	25	7.62	12	30.48	357	15	4.57	13	33.02	407	16	4.88	10	25.40
308	12	3.66	9	22.86	358	25	7.62	20	50.80	408	20	6.10	16	40.64
309	25	7.62	51	129.54	359	11	3.35	9	22.86	409	20	6.10	15	38.10
310	11	3.35	9	22.86	360	15	4.57	11	27.94	410	20	6.10	10	25.40
311	22	6.71	18	45.72	361	18	5.49	11	27.94	411	15	4.57	11	27.94
312	13	3.96	10	25.40	362	16	4.88	12	30.48	412	20	6.10	12	30.48
313	20	6.10	15	38.10	363	30	9.14	21	53.34	413	20	6.10	11	27.94
314	20	6.10	7	17.78	364	15	4.57	13	33.02	414	15	4.57	10	25.40
315	18	5.49	9	22.86	365	14	4.27	12	30.48	415	25	7.62	12	30.48
316	20	6.10	16	40.64	366	25	7.62	17	43.18	416	26	7.92	12	30.48
317	18	5.49	15	38.10	367	20	6.10	15	38.10	417	28	8.53	13	33.02
318	12	3.66	10	25.40	368	25	7.62	18	45.72	418	30	9.14	14	35.56
319	28	8.53	22	55.88	369	20	6.10	13	33.02	419	25	7.62	11	27.94
320	15	4.57	10	25.40	370	14	4.27	12	30.48	420	12	3.66	10	25.40
321	15	4.57	9	22.86	371	30	9.14	29	73.66	421	9	2.74	7	17.78
322	25	7.62	11	27.94	372	10	3.05	7	17.78	422	25	7.62	15	38.10
323	13	3.96	7	17.78	373	15	4.57	13	33.02	423	30	9.14	32	81.28
324	25	7.62	13	33.02	374	15	4.57	10	25.40	424	20	6.10	22	55.88
325	20	6.10	16	40.64	375	20	6.10	17	43.18	425	20	6.10	17	43.18
326	15	4.57	13	33.02	376	30	9.14	14	35.56	426	20	6.10	14	35.56
327	15	4.57	8	20.32	377	18	5.49	11	27.94	427	25	7.62	13	33.02
328	13	3.96	11	27.94	378	35	10.67	34	86.36	428	30	9.14	12	30.48
329	30	9.14	23	58.42	379	20	6.10	21	53.34	429	20	6.10	11	27.94
330	28	8.53	14	35.56	380	45	13.72	32	81.28	430	20	6.10	15	38.10
331	14	4.27	10	25.40	381	25	7.62	30	76.20	431	12	3.66	10	25.40
332	20	6.10	17	43.18	382	30	9.14	19	48.26	432	20	6.10	16	40.64
333	18	5.49	17	43.18	383	15	4.57	10	25.40	433	20	6.10	11	27.94
334	15	4.57	8	20.32	384	30	9.14	14	35.56	434	15	4.57	10	25.40
335	30	9.14	22	55.88	385	35	10.67	15	38.10	435	15	4.57	10	25.40
336	25	7.62	19	48.26	386	15	4.57	10	25.40	436	16	4.88	9	22.86
337	10	3.05	8	20.32	387	30	9.14	14	35.56	437	15	4.57	11	27.94
338	15	4.57	12	30.48	388	16	4.88	10	25.40	438	17	5.18	10	25.40
339	40	12.19	32	81.28	389	15	4.57	14	35.56	439	13	3.96	9	22.86
340	17	5.18	16	40.64	390	20	6.10	10	25.40	440	12	3.66	10	25.40
341	20	6.10	11	27.94	391	25	7.62	11	27.94	441	12	3.66	8	20.32
342	10	3.05	8	20.32	392	20	6.10	13	33.02	442	19	5.79	10	25.40
343	20	6.10	12	30.48	393	18	5.49	14	35.56	443	20	6.10	13	33.02
344	25	7.62	12	30.48	394	20	6.10	10	25.40	444	13	3.96	13	33.02
345	20	6.10	12	30.48	395	15	4.57	7	17.78	445	18	5.49	15	38.10
346	15	4.57	11	27.94	396	12	3.66	11	27.94	446	25	7.62	10	25.40
347	24	7.32	18	45.72	397	11	3.35	7	17.78	447	30	9.14	15	38.10
348	25	7.62	45	114.30	398	13	3.96	15	38.10	448	10	3.05	13	33.02
349	35	10.67	14	35.56	399	25	7.62	11	27.94	449	25	7.62	11	27.94
350	15	4.57	11	27.94	400	15	4.57	9	22.86	450	20	6.10	16	40.64

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)														
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	20	6.10	35	88.90	501	15	4.57	16	40.64	551	13	3.96	12	30.48
452	18	5.49	14	35.56	502	12	3.66	7	17.78	552	20	6.10	12	30.48
453	20	6.10	11	27.94	503	25	7.62	15	38.10	553	15	4.57	9	22.86
454	20	6.10	10	25.40	504	20	6.10	18	45.72	554	15	4.57	14	35.56
455	20	6.10	14	35.56	505	13	3.96	14	35.56	555	25	7.62	11	27.94
456	45	13.72	17	43.18	506	32	9.75	15	38.10	556	16	4.88	14	35.56
457	30	9.14	28	71.12	507	28	8.53	14	35.56	557	15	4.57	9	22.86
458	21	6.40	15	38.10	508	45	13.72	28	71.12	558	40	12.19	20	50.80
459	40	12.19	16	40.64	509	28	8.53	12	30.48	559	12	3.66	13	33.02
460	16	4.88	12	30.48	510	20	6.10	11	27.94	560	12	3.66	10	25.40
461	15	4.57	12	30.48	511	21	6.40	12	30.48	561	20	6.10	11	27.94
462	15	4.57	11	27.94	512	12	3.66	8	20.32	562	15	4.57	9	22.86
463	15	4.57	10	25.40	513	20	6.10	12	30.48	563	18	5.49	10	25.40
464	20	6.10	13	33.02	514	13	3.96	10	25.40	564	30	9.14	17	43.18
465	15	4.57	11	27.94	515	32	9.75	25	63.50	565	12	3.66	13	33.02
466	20	6.10	15	38.10	516	20	6.10	15	38.10	566	15	4.57	10	25.40
467	40	12.19	31	78.74	517	30	9.14	19	48.26	567	28	8.53	12	30.48
468	28	8.53	12	30.48	518	15	4.57	15	38.10	568	30	9.14	13	33.02
469	30	9.14	57	144.78	519	30	9.14	13	33.02	569	40	12.19	35	88.90
470	30	9.14	17	43.18	520	14	4.27	13	33.02	570	12	3.66	10	25.40
471	35	10.67	18	45.72	521	20	6.10	11	27.94	571	15	4.57	10	25.40
472	30	9.14	15	38.10	522	13	3.96	18	45.72	572	35	10.67	15	38.10
473	18	5.49	9	22.86	523	15	4.57	9	22.86	573	15	4.57	10	25.40
474	30	9.14	16	40.64	524	30	9.14	17	43.18	574	18	5.49	12	30.48
475	30	9.14	54	137.16	525	15	4.57	11	27.94	575	25	7.62	12	30.48
476	12	3.66	10	25.40	526	14	4.27	12	30.48	576	14	4.27	10	25.40
477	30	9.14	14	35.56	527	28	8.53	12	30.48	577	31	9.45	16	40.64
478	32	9.75	14	35.56	528	35	10.67	55	139.70	578	35	10.67	11	27.94
479	20	6.10	11	27.94	529	15	4.57	10	25.40	579	15	4.57	11	27.94
480	15	4.57	10	25.40	530	25	7.62	15	38.10	580	13	3.96	10	25.40
481	20	6.10	16	40.64	531	30	9.14	13	33.02	581	15	4.57	9	22.86
482	25	7.62	12	30.48	532	15	4.57	14	35.56	582	30	9.14	16	40.64
483	19	5.79	13	33.02	533	20	6.10	14	35.56	583	10	3.05	12	30.48
484	13	3.96	10	25.40	534	45	13.72	52	132.08	584	15	4.57	13	33.02
485	15	4.57	10	25.40	535	17	5.18	11	27.94	585	19	5.79	13	33.02
486	20	6.10	15	38.10	536	15	4.57	10	25.40	586	16	4.88	14	35.56
487	35	10.67	16	40.64	537	15	4.57	16	40.64	587	15	4.57	10	25.40
488	30	9.14	17	43.18	538	18	5.49	10	25.40	588	25	7.62	12	30.48
489	45	13.72	16	40.64	539	40	12.19	29	73.66	589	16	4.88	14	35.56
490	30	9.14	12	30.48	540	20	6.10	11	27.94	590	25	7.62	11	27.94
491	20	6.10	15	38.10	541	18	5.49	11	27.94	591	15	4.57	13	33.02
492	15	4.57	13	33.02	542	20	6.10	10	25.40	592	27	8.23	13	33.02
493	13	3.96	11	27.94	543	25	7.62	12	30.48	593	15	4.57	15	38.10
494	17	5.18	10	25.40	544	30	9.14	46	116.84	594	18	5.49	10	25.40
495	20	6.10	10	25.40	545	40	12.19	19	48.26	595	27	8.23	20	50.80
496	14	4.27	13	33.02	546	23	7.01	15	38.10	596	13	3.96	10	25.40
497	32	9.75	18	45.72	547	13	3.96	10	25.40	597	25	7.62	14	35.56
498	15	4.57	13	33.02	548	20	6.10	19	48.26	598	30	9.14	15	38.10
499	15	4.57	14	35.56	549	20	6.10	14	35.56	599	22	6.71	12	30.48
500	25	7.62	12	30.48	550	20	6.10	10	25.40	600	20	6.10	15	38.10

CHANDABILA-TOPOBAN

Shorea robusta / (Sal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
601	25	7.62	13	33.02
602	10	3.05	10	25.40
603	15	4.57	25	63.50
604	15	4.57	14	35.56
605	25	7.62	13	33.02
606	25	7.62	11	27.94
607	17	5.18	10	25.40
608	20	6.10	15	38.10
609	20	6.10	11	27.94
610	15	4.57	16	40.64
611	50	15.24	35	88.90
612	20	6.10	10	25.40
613	25	7.62	11	27.94
614	18	5.49	12	30.48
615	21	6.40	20	50.80
616	17	5.18	10	25.40
617	18	5.49	15	38.10
618	14	4.27	12	30.48
619	38	11.58	23	58.42
620	15	4.57	8	20.32
621	22	6.71	20	50.80
622	26	7.92	11	27.94
623	25	7.62	13	33.02
624	25	7.62	16	40.64
625	10	3.05	7	17.78

Madhuca latifolia / (Mahua)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	18	5.49	11	27.94
3	45	13.72	40	101.6

Careya arborea / (Astha/Kumbhi)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86
2	40	12.19	29	73.66
3	30	9.14	26	66.04
4	10	3.05	14	35.56
5	15	4.57	8	20.32
6	25	7.62	19	48.26
7	10	3.05	21	53.34
8	12	3.66	17	43.18
9	10	3.05	10	25.40
10	12	3.66	34	86.36
11	10	3.05	11	27.94

Lagerstroemia parviflora / (Sidha)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	9	22.86
2	12	3.66	7	17.78

Syzygium jambolanum/ (Jam)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	8	20.32

Cleistanthus collinus / (Parasi)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	9	2.74	7	17.78
2	15	4.57	10	25.40

Terminalia tomentosa / (Ason)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	15	4.57	9	22.86
3	12	3.66	9	22.86
4	20	6.10	12	30.48
5	20	6.10	36	91.44
6	12	3.66	9	22.86
7	20	6.10	15	38.10
8	25	7.62	13	33.02
9	15	4.57	7	17.78
10	20	6.10	10	25.40
11	15	4.57	11	27.94
12	13	3.96	9	22.86
13	25	7.62	12	30.48
14	20	6.10	14	35.56
15	10	3.05	8	20.32
16	25	7.62	12	30.48
17	25	7.62	14	35.56

Lannea coromandelica / (Geol/Doka)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	8	20.32
2	18	5.49	7	17.78
3	25	7.62	15	38.10
4	9	2.74	7	17.78
5	15	4.57	11	27.94

Terminalia chebula / (Haritoki)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	9	22.86
2	12	3.66	10	25.40
3	15	4.57	8	20.32
4	30	9.14	18	45.72
5	20	6.10	6	15.24

Pterocarpus marsupium / (Piyasal)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	20	50.80
2	15	4.57	7	17.78
3	25	7.62	20	50.80

Terminalia bellirica/ (Bahera)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	20	6.10	26	66.04
3	35	10.67	32	81.28
4	30	9.14	34	86.36

Adina cordifolia / (Holdu/Korom)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	50	127.00
2	20	6.10	15	38.10
3	24	7.32	38	96.52
4	20	6.10	34	86.36
5	30	9.14	22	55.88
6	25	7.62	20	50.80
7	30	9.14	28	71.12

Scleichera oleosa / (Kusum)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

CHANDABILA-TOPOBAN

Anogeissus latifolia / (Dhaw)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	40	101.60
2	35	10.67	44	111.76
3	32	9.75	16	40.64

Cassia fistula / (Sonalu/Bandorlathi)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	7	17.78
2	20	6.10	13	33.02

Albizia lebbeck / (Siris)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	25	7.62	17	43.18
3	20	6.10	7	17.78
4	20	6.10	9	22.86
5	20	6.10	7	17.78
6	18	5.49	8	20.32
7	15	4.57	7	17.78
8	15	4.57	11	27.94

SUSUNIA

Susunia SP 1

Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72	41	25	7.62	20	50.80	81	20	6.10	10	25.40
2	25	7.62	10	25.40	42	25	7.62	11	27.94	82	16	4.88	10	25.40
3	16	4.88	11	27.94	43	25	7.62	11	27.94	83	17	5.18	10	25.40
4	20	6.10	10	25.40	44	40	12.19	17	43.18	84	26	7.92	13	33.02
5	40	12.19	20	50.80	45	35	10.67	18	45.72	85	20	6.10	10	25.40
6	25	7.62	15	38.10	46	15	4.57	10	25.40	86	40	12.19	22	55.88
7	27	8.23	12	30.48	47	30	9.14	18	45.72	87	40	12.19	14	35.56
8	20	6.10	14	35.56	48	25	7.62	11	27.94	88	18	5.49	10	25.40
9	40	12.19	10	25.40	49	15	4.57	10	25.40	89	42	12.80	23	58.42
10	45	13.72	15	38.10	50	25	7.62	11	27.94	90	40	12.19	17	43.18
11	10	3.05	14	35.56	51	35	10.67	20	50.80	91	38	11.58	15	38.10
12	27	8.23	10	25.40	52	40	12.19	16	40.64	92	20	6.10	10	25.40
13	22	6.71	11	27.94	53	15	4.57	10	25.40	93	25	7.62	15	38.10
14	16	4.88	10	25.40	54	15	4.57	10	25.40	94	20	6.10	10	25.40
15	25	7.62	10	25.40	55	16	4.88	10	25.40	95	20	6.10	10	25.40
16	20	6.10	11	27.94	56	17	5.18	10	25.40	96	25	7.62	14	35.56
17	16	4.88	10	25.40	57	25	7.62	14	35.56	97	50	15.24	33	83.82
18	40	12.19	10	25.40	58	28	8.53	13	33.02	98	19	5.79	13	33.02
19	26	7.92	15	38.10	59	40	12.19	25	63.50	99	19	5.79	14	35.56
20	15	4.57	11	27.94	60	25	7.62	14	35.56	100	20	6.10	11	27.94
21	25	7.62	10	25.40	61	20	6.10	10	25.40	101	20	6.10	10	25.40
22	30	9.14	10	25.40	62	20	6.10	10	25.40	102	25	7.62	13	33.02
23	20	6.10	17	43.18	63	20	6.10	13	33.02	103	20	6.10	10	25.40
24	30	9.14	10	25.40	64	50	15.24	31	78.74	104	14	4.27	10	25.40
25	25	7.62	20	50.80	65	18	5.49	10	25.40	105	15	4.57	10	25.40
26	35	10.67	11	27.94	66	25	7.62	14	35.56	106	27	8.23	12	30.48
27	30	9.14	13	33.02	67	26	7.92	10	25.40	107	24	7.32	15	38.10
28	25	7.62	11	27.94	68	20	6.10	10	25.40	108	20	6.10	13	33.02
29	25	7.62	11	27.94	69	15	4.57	11	27.94	109	20	6.10	11	27.94
30	15	4.57	10	25.40	70	25	7.62	11	27.94	110	25	7.62	13	33.02
31	25	7.62	11	27.94	71	15	4.57	10	25.40	111	25	7.62	12	30.48
32	25	7.62	11	27.94	72	16	4.88	10	25.40	112	30	9.14	18	45.72
33	20	6.10	10	25.40	73	20	6.10	10	25.40	113	25	7.62	12	30.48
34	20	6.10	13	33.02	74	20	6.10	10	25.40	114	25	7.62	12	30.48
35	30	9.14	14	35.56	75	22	6.71	10	25.40	115	25	7.62	11	27.94
36	35	10.67	14	35.56	76	40	12.19	16	40.64	116	12	3.66	20	50.80
37	50	15.24	32	81.28	77	35	10.67	20	50.80	117	15	4.57	10	25.40
38	32	9.75	14	35.56	78	52	15.85	34	86.36	118	20	6.10	11	27.94
39	24	7.32	18	45.72	79	23	7.01	10	25.40	119	25	7.62	12	30.48
40	25	7.62	18	45.72	80	15	4.57	10	25.40	120	30	9.14	17	43.18

SUSUNIA

Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
121	20	6.10	14	35.56	161	30	9.14	15	38.10	201	25	7.62	20	50.80
122	20	6.10	10	25.40	162	20	6.10	10	25.40	202	40	12.19	14	35.56
123	25	7.62	11	27.94	163	30	9.14	12	30.48	203	31	9.45	10	25.40
124	35	10.67	14	35.56	164	26	7.92	12	30.48	204	20	6.10	10	25.40
125	20	6.10	12	30.48	165	30	9.14	12	30.48	205	15	4.57	21	53.34
126	25	7.62	14	35.56	166	30	9.14	12	30.48	206	40	12.19	12	30.48
127	40	12.19	21	53.34	167	35	10.67	20	50.80	207	30	9.14	10	25.40
128	30	9.14	10	25.40	168	20	6.10	10	25.40	208	20	6.10	10	25.40
129	15	4.57	10	25.40	169	25	7.62	10	25.40	209	15	4.57	10	25.40
130	25	7.62	10	25.40	170	35	10.67	18	45.72	210	20	6.10	15	38.10
131	30	9.14	13	33.02	171	20	6.10	10	25.40	211	20	6.10	15	38.10
132	25	7.62	11	27.94	172	40	12.19	15	38.10	212	25	7.62	13	33.02
133	25	7.62	12	30.48	173	20	6.10	11	27.94	213	32	9.75	15	38.10
134	22	6.71	12	30.48	174	20	6.10	13	33.02	214	35	10.67	18	45.72
135	20	6.10	11	27.94	175	15	4.57	10	25.40	215	25	7.62	13	33.02
136	30	9.14	15	38.10	176	15	4.57	10	25.40	216	30	9.14	17	43.18
137	15	4.57	12	30.48	177	25	7.62	12	30.48	217	35	10.67	18	45.72
138	20	6.10	15	38.10	178	25	7.62	12	30.48	218	40	12.19	17	43.18
139	20	6.10	12	30.48	179	15	4.57	10	25.40	219	30	9.14	19	48.26
140	25	7.62	12	30.48	180	30	9.14	13	33.02	220	20	6.10	11	27.94
141	32	9.75	13	33.02	181	20	6.10	10	25.40	221	70	21.34	36	91.44
142	20	6.10	12	30.48	182	30	9.14	15	38.10	222	40	12.19	16	40.64
143	50	15.24	30	76.20	183	27	8.23	13	33.02	223	30	9.14	15	38.10
144	25	7.62	12	30.48	184	15	4.57	10	25.40	224	27	8.23	12	30.48
145	30	9.14	20	50.80	185	19	5.79	14	35.56	225	20	6.10	14	35.56
146	25	7.62	14	35.56	186	15	4.57	12	30.48	226	25	7.62	12	30.48
147	15	4.57	10	25.40	187	19	5.79	13	33.02	227	25	7.62	12	30.48
148	15	4.57	10	25.40	188	20	6.10	10	25.40	228	40	12.19	17	43.18
149	16	4.88	10	25.40	189	19	5.79	11	27.94	229	40	12.19	17	43.18
150	25	7.62	12	30.48	190	20	6.10	10	25.40	230	30	9.14	14	35.56
151	35	10.67	17	43.18	191	24	7.32	13	33.02	231	20	6.10	12	30.48
152	40	12.19	25	63.50	192	15	4.57	10	25.40	232	24	7.32	20	50.80
153	25	7.62	12	30.48	193	19	5.79	11	27.94	233	25	7.62	13	33.02
154	28	8.53	13	33.02	194	25	7.62	13	33.02	234	30	9.14	15	38.10
155	52	15.85	22	55.88	195	20	6.10	10	25.40	235	15	4.57	10	25.40
156	45	13.72	19	48.26	196	19	5.79	11	27.94	236	40	12.19	21	53.34
157	35	10.67	18	45.72	197	19	5.79	13	33.02	237	50	15.24	22	55.88
158	19	5.79	10	25.40	198	19	5.79	12	30.48	238	20	6.10	10	25.40
159	12	3.66	10	25.40	199	25	7.62	12	30.48	239	30	9.14	14	35.56
160	25	7.62	12	30.48	200	25	7.62	10	25.40	240	20	6.10	12	30.48

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
241	20	6.10	12	30.48	281	25	7.62	14	35.56	321	32	9.75	12	30.48
242	30	9.14	14	35.56	282	30	9.14	15	38.10	322	15	4.57	10	25.40
243	40	12.19	14	35.56	283	30	9.14	20	50.80	323	35	10.67	18	45.72
244	20	6.10	13	33.02	284	15	4.57	10	25.40	324	40	12.19	22	55.88
245	12	3.66	11	27.94	285	20	6.10	10	25.40	325	20	6.10	11	27.94
246	20	6.10	10	25.40	286	25	7.62	11	27.94	326	25	7.62	12	30.48
247	25	7.62	10	25.40	287	20	6.10	10	25.40	327	25	7.62	13	33.02
248	40	12.19	22	55.88	288	40	12.19	25	63.50	328	50	15.24	25	63.50
249	15	4.57	10	25.40	289	15	4.57	10	25.40	329	23	7.01	12	30.48
250	15	4.57	10	25.40	290	20	6.10	11	27.94	330	20	6.10	11	27.94
251	12	3.66	10	25.40	291	20	6.10	10	25.40	331	25	7.62	12	30.48
252	25	7.62	10	25.40	292	20	6.10	10	25.40	332	20	6.10	15	38.10
253	20	6.10	13	33.02	293	25	7.62	17	43.18	333	20	6.10	15	38.10
254	20	6.10	11	27.94	294	15	4.57	10	25.40	334	20	6.10	13	33.02
255	20	6.10	10	25.40	295	30	9.14	15	38.10	335	15	4.57	10	25.40
256	25	7.62	12	30.48	296	35	10.67	13	33.02	336	40	12.19	20	50.80
257	35	10.67	12	30.48	297	30	9.14	15	38.10	337	30	9.14	12	30.48
258	40	12.19	23	58.42	298	25	7.62	15	38.10	338	15	4.57	10	25.40
259	20	6.10	16	40.64	299	22	6.71	12	30.48	339	20	6.10	10	25.40
260	20	6.10	10	25.40	300	40	12.19	16	40.64	340	35	10.67	15	38.10
261	19	5.79	10	25.40	301	15	4.57	10	25.40	341	36	10.97	16	40.64
262	50	15.24	11	27.94	302	20	6.10	10	25.40	342	17	5.18	10	25.40
263	25	7.62	32	81.28	303	20	6.10	11	27.94	343	23	7.01	20	50.80
264	12	3.66	12	30.48	304	36	10.97	16	40.64	344	25	7.62	13	33.02
265	20	6.10	10	25.40	305	20	6.10	15	38.10	345	30	9.14	14	35.56
266	20	6.10	12	30.48	306	35	10.67	15	38.10	346	25	7.62	11	27.94
267	20	6.10	10	25.40	307	15	4.57	10	25.40	347	20	6.10	12	30.48
268	25	7.62	12	30.48	308	15	4.57	10	25.40	348	20	6.10	15	38.10
269	25	7.62	12	30.48	309	52	15.85	22	55.88	349	25	7.62	12	30.48
270	22	6.71	13	33.02	310	30	9.14	14	35.56	350	20	6.10	10	25.40
271	15	4.57	10	25.40	311	15	4.57	12	30.48	351	30	9.14	15	38.10
272	30	9.14	10	25.40	312	20	6.10	10	25.40	352	35	10.67	15	38.10
273	50	15.24	22	55.88	313	34	10.36	14	35.56	353	35	10.67	25	63.50
274	20	6.10	10	25.40	314	15	4.57	12	30.48	354	25	7.62	12	30.48
275	32	9.75	18	45.72	315	20	6.10	12	30.48	355	25	7.62	11	27.94
276	15	4.57	10	25.40	316	25	7.62	13	33.02	356	25	7.62	14	35.56
277	22	6.71	12	30.48	317	25	7.62	12	30.48	357	30	9.14	16	40.64
278	16	4.88	10	25.40	318	15	4.57	10	25.40	358	30	9.14	18	45.72
279	30	9.14	18	45.72	319	40	12.19	20	50.80	359	20	6.10	10	25.40
280	52	15.85	32	81.28	320	24	7.32	12	30.48	360	25	7.62	14	35.56

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
361	30	9.14	13	33.02	401	19	5.79	15	38.10	441	51	15.54	17	43.18
362	25	7.62	12	30.48	402	30	9.14	14	35.56	442	49	14.94	22	55.88
363	20	6.10	18	45.72	403	25	7.62	10	25.40	443	25	7.62	13	33.02
364	25	7.62	10	25.40	404	35	10.67	15	38.10	444	28	8.53	11	27.94
365	25	7.62	13	33.02	405	25	7.62	12	30.48	445	25	7.62	13	33.02
366	20	6.10	10	25.40	406	15	4.57	10	25.40	446	20	6.10	14	35.56
367	25	7.62	14	35.56	407	25	7.62	12	30.48	447	28	8.53	12	30.48
368	20	6.10	11	27.94	408	15	4.57	12	30.48	448	20	6.10	10	25.40
369	27	8.23	12	30.48	409	23	7.01	10	25.40	449	30	9.14	13	33.02
370	70	21.34	40	101.60	410	16	4.88	10	25.40	450	20	6.10	10	25.40
371	25	7.62	13	33.02	411	35	10.67	16	40.64	451	35	10.67	15	38.10
372	27	8.23	12	30.48	412	20	6.10	10	25.40	452	40	12.19	17	43.18
373	30	9.14	12	30.48	413	15	4.57	10	25.40	453	30	9.14	12	30.48
374	35	10.67	14	35.56	414	15	4.57	10	25.40	454	20	6.10	14	35.56
375	36	10.97	18	45.72	415	35	10.67	22	55.88	455	15	4.57	10	25.40
376	20	6.10	12	30.48	416	25	7.62	11	27.94	456	21	6.40	12	30.48
377	25	7.62	20	50.80	417	15	4.57	10	25.40	457	35	10.67	14	35.56
378	25	7.62	13	33.02	418	20	6.10	12	30.48	458	25	7.62	12	30.48
379	25	7.62	11	27.94	419	28	8.53	14	35.56	459	30	9.14	13	33.02
380	20	6.10	10	25.40	420	20	6.10	11	27.94	460	25	7.62	13	33.02
381	25	7.62	10	25.40	421	32	9.75	14	35.56	461	25	7.62	13	33.02
382	27	8.23	12	30.48	422	30	9.14	12	30.48	462	25	7.62	13	33.02
383	40	12.19	18	45.72	423	20	6.10	10	25.40	463	15	4.57	10	25.40
384	27	8.23	15	38.10	424	20	6.10	10	25.40	464	15	4.57	10	25.40
385	30	9.14	18	45.72	425	17	5.18	12	30.48	465	25	7.62	17	43.18
386	40	12.19	30	76.20	426	25	7.62	15	38.10	466	30	9.14	12	30.48
387	24	7.32	12	30.48	427	40	12.19	16	40.64	467	35	10.67	16	40.64
388	19	5.79	14	35.56	428	20	6.10	10	25.40	468	25	7.62	12	30.48
389	20	6.10	10	25.40	429	25	7.62	12	30.48	469	20	6.10	10	25.40
390	35	10.67	15	38.10	430	30	9.14	15	38.10	470	15	4.57	10	25.40
391	20	6.10	12	30.48	431	25	7.62	12	30.48	471	15	4.57	12	30.48
392	30	9.14	14	35.56	432	25	7.62	12	30.48	472	30	9.14	14	35.56
393	42	12.80	14	35.56	433	30	9.14	14	35.56	473	32	9.75	14	35.56
394	35	10.67	15	38.10	434	25	7.62	12	30.48	474	27	8.23	11	27.94
395	40	12.19	15	38.10	435	30	9.14	15	38.10	475	20	6.10	12	30.48
396	20	6.10	12	30.48	436	35	10.67	18	45.72	476	45	13.72	30	76.20
397	30	9.14	14	35.56	437	25	7.62	11	27.94	477	25	7.62	14	35.56
398	20	6.10	14	35.56	438	26	7.92	12	30.48	478	25	7.62	10	25.40
399	20	6.10	13	33.02	439	25	7.62	14	35.56	479	50	15.24	32	81.28
400	22	6.71	12	30.48	440	30	9.14	20	50.80	480	20	6.10	12	30.48

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
481	20	6.10	20	50.80	521	23	7.01	11	27.94	561	18	5.49	15	38.10
482	35	10.67	15	38.10	522	20	6.10	10	25.40	562	20	6.10	10	25.40
483	27	8.23	10	25.40	523	20	6.10	10	25.40	563	25	7.62	12	30.48
484	15	4.57	15	38.10	524	15	4.57	11	27.94	564	25	7.62	14	35.56
485	33	10.06	15	38.10	525	35	10.67	18	45.72	565	30	9.14	12	30.48
486	35	10.67	16	40.64	526	15	4.57	10	25.40	566	30	9.14	20	50.80
487	38	11.58	20	50.80	527	30	9.14	15	38.10	567	35	10.67	14	35.56
488	30	9.14	14	35.56	528	20	6.10	12	30.48	568	20	6.10	14	35.56
489	20	6.10	12	30.48	529	25	7.62	14	35.56	569	30	9.14	13	33.02
490	19	5.79	13	33.02	530	30	9.14	15	38.10	570	35	10.67	18	45.72
491	45	13.72	18	45.72	531	30	9.14	12	30.48	571	20	6.10	12	30.48
492	20	6.10	15	38.10	532	15	4.57	10	25.40	572	25	7.62	14	35.56
493	30	9.14	15	38.10	533	15	4.57	10	25.40	573	25	7.62	13	33.02
494	25	7.62	10	25.40	534	16	4.88	10	25.40	574	30	9.14	20	50.80
495	20	6.10	14	35.56	535	25	7.62	12	30.48	575	30	9.14	14	35.56
496	20	6.10	10	25.40	536	22	6.71	10	25.40	576	35	10.67	18	45.72
497	30	9.14	15	38.10	537	17	5.18	12	30.48	577	35	10.67	16	40.64
498	25	7.62	10	25.40	538	19	5.79	14	35.56	578	20	6.10	13	33.02
499	35	10.67	14	35.56	539	30	9.14	18	45.72	579	25	7.62	15	38.10
500	11	3.35	20	50.80	540	20	6.10	22	55.88	580	30	9.14	10	25.40
501	25	7.62	12	30.48	541	32	9.75	15	38.10	581	15	4.57	10	25.40
502	20	6.10	10	25.40	542	25	7.62	22	55.88	582	18	5.49	14	35.56
503	25	7.62	11	27.94	543	20	6.10	10	25.40	583	30	9.14	13	33.02
504	25	7.62	14	35.56	544	25	7.62	14	35.56	584	30	9.14	10	25.40
505	25	7.62	14	35.56	545	25	7.62	12	30.48	585	20	6.10	16	40.64
506	15	4.57	10	25.40	546	25	7.62	14	35.56	586	35	10.67	15	38.10
507	20	6.10	11	27.94	547	22	6.71	10	25.40	587	20	6.10	22	55.88
508	25	7.62	12	30.48	548	15	4.57	17	43.18	588	40	12.19	10	25.40
509	20	6.10	10	25.40	549	18	5.49	10	25.40	589	25	7.62	15	38.10
510	35	10.67	14	35.56	550	19	5.79	12	30.48	590	35	10.67	13	33.02
511	20	6.10	10	25.40	551	19	5.79	13	33.02	591	33	10.06	12	30.48
512	35	10.67	14	35.56	552	20	6.10	11	27.94	592	25	7.62	13	33.02
513	30	9.14	20	50.80	553	32	9.75	12	30.48	593	30	9.14	13	33.02
514	25	7.62	11	27.94	554	24	7.32	12	30.48	594	22	6.71	14	35.56
515	35	10.67	14	35.56	555	28	8.53	15	38.10	595	30	9.14	20	50.80
516	25	7.62	13	33.02	556	20	6.10	11	27.94	596	30	9.14	10	25.40
517	38	11.58	28	71.12	557	20	6.10	11	27.94	597	20	6.10	12	30.48
518	20	6.10	11	27.94	558	14	4.27	10	25.40	598	20	6.10	14	35.56
519	25	7.62	13	33.02	559	25	7.62	17	43.18	599	30	9.14	12	30.48
520	20	6.10	14	35.56	560	32	9.75	17	43.18	600	20	6.10	10	25.40

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
601	20	6.10	10	25.40	641	20	6.10	12	30.48	681	35	10.67	16	40.64
602	30	9.14	15	38.10	642	40	12.19	22	55.88	682	30	9.14	18	45.72
603	30	9.14	15	38.10	643	45	13.72	20	50.80	683	28	8.53	13	33.02
604	15	4.57	10	25.40	644	25	7.62	13	33.02	684	30	9.14	18	45.72
605	45	13.72	31	78.74	645	20	6.10	11	27.94	685	25	7.62	10	25.40
606	30	9.14	20	50.80	646	25	7.62	12	30.48	686	25	7.62	12	30.48
607	20	6.10	10	25.40	647	20	6.10	10	25.40	687	30	9.14	18	45.72
608	15	4.57	10	25.40	648	50	15.24	35	88.90	688	30	9.14	12	30.48
609	30	9.14	15	38.10	649	35	10.67	23	58.42	689	22	6.71	14	35.56
610	20	6.10	10	25.40	650	25	7.62	18	45.72	690	20	6.10	10	25.40
611	32	9.75	15	38.10	651	25	7.62	12	30.48	691	15	4.57	10	25.40
612	17	5.18	15	38.10	652	28	8.53	13	33.02	692	30	9.14	18	45.72
613	25	7.62	10	25.40	653	20	6.10	12	30.48	693	35	10.67	16	40.64
614	25	7.62	15	38.10	654	25	7.62	12	30.48	694	30	9.14	20	50.80
615	20	6.10	16	40.64	655	22	6.71	10	25.40	695	20	6.10	12	30.48
616	25	7.62	18	45.72	656	28	8.53	14	35.56	696	15	4.57	10	25.40
617	25	7.62	20	50.80	657	30	9.14	13	33.02	697	20	6.10	11	27.94
618	30	9.14	11	27.94	658	30	9.14	18	45.72	698	22	6.71	10	25.40
619	30	9.14	10	25.40	659	17	5.18	10	25.40	699	40	12.19	15	38.10
620	25	7.62	13	33.02	660	18	5.49	10	25.40	700	20	6.10	10	25.40
621	20	6.10	10	25.40	661	35	10.67	16	40.64	701	27	8.23	12	30.48
622	25	7.62	10	25.40	662	20	6.10	12	30.48	702	25	7.62	15	38.10
623	25	7.62	12	30.48	663	20	6.10	10	25.40	703	20	6.10	10	25.40
624	20	6.10	12	30.48	664	25	7.62	12	30.48	704	22	6.71	10	25.40
625	25	7.62	11	27.94	665	25	7.62	13	33.02	705	27	8.23	12	30.48
626	25	7.62	13	33.02	666	35	10.67	16	40.64	706	25	7.62	12	30.48
627	20	6.10	14	35.56	667	40	12.19	22	55.88	707	18	5.49	10	25.40
628	27	8.23	16	40.64	668	25	7.62	13	33.02	708	25	7.62	11	27.94
629	20	6.10	13	33.02	669	25	7.62	12	30.48	709	25	7.62	12	30.48
630	17	5.18	10	25.40	670	25	7.62	13	33.02	710	25	7.62	10	25.40
631	25	7.62	15	38.10	671	25	7.62	15	38.10	711	17	5.18	10	25.40
632	16	4.88	10	25.40	672	20	6.10	10	25.40	712	20	6.10	14	35.56
633	20	6.10	12	30.48	673	25	7.62	12	30.48	713	25	7.62	11	27.94
634	15	4.57	10	25.40	674	25	7.62	15	38.10	714	35	10.67	16	40.64
635	20	6.10	10	25.40	675	25	7.62	18	45.72	715	25	7.62	12	30.48
636	40	12.19	23	58.42	676	15	4.57	10	25.40	716	25	7.62	10	25.40
637	42	12.80	18	45.72	677	15	4.57	12	30.48	717	20	6.10	10	25.40
638	41	12.50	17	43.18	678	25	7.62	12	30.48	718	15	4.57	10	25.40
639	25	7.62	15	38.10	679	28	8.53	12	30.48	719	20	6.10	11	27.94
640	24	7.32	12	30.48	680	30	9.14	15	38.10	720	22	6.71	12	30.48

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Shorea robusta/(Sal)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
721	20	6.10	12	30.48
722	17	5.18	10	25.40
723	15	4.57	10	25.40
724	17	5.18	10	25.40
725	20	6.10	13	33.02
726	20	6.10	12	30.48
727	30	9.14	13	33.02
728	20	6.10	12	30.48
729	20	6.10	12	30.48
730	22	6.71	12	30.48
731	20	6.10	16	40.64
732	35	10.67	18	45.72
733	36	10.97	18	45.72
734	25	7.62	11	27.94
735	22	6.71	11	27.94
736	20	6.10	10	25.40
737	17	5.18	10	25.40
738	20	6.10	10	25.40
739	20	6.10	11	27.94
740	35	10.67	22	55.88
741	34	10.36	22	55.88
742	30	9.14	13	33.02
743	15	4.57	10	25.40
744	15	4.57	10	25.40
745	28	8.53	14	35.56
746	20	6.10	10	25.40
747	15	4.57	14	35.56
748	30	9.14	15	38.10
749	30	9.14	15	38.10
750	30	9.14	15	38.10
751	35	10.67	18	45.72
752	26	7.92	20	50.80
753	25	7.62	17	43.18
754	20	6.10	13	33.02
755	35	10.67	15	38.10
756	32	9.75	14	35.56

Madhuca latifolia/(Mohua)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02
2	19	5.79	12	30.48
3	19	5.79	12	30.48

Cochlospermum religiosum/(Galgali)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48
2	20	6.10	15	38.10

Aegle mermalos/(Bel)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
1	15	4.57	14	35.56

Flacourtia jangomas/(BoroBoichi)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
1	15	4.57	15	38.10

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Susunia SP 2

Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
1	45	13.72	18	45.72	41	25	7.62	20	50.80	81	25	7.62	11	27.94
2	15	4.57	10	25.40	42	25	7.62	10	25.40	82	40	12.19	22	55.88
3	20	6.10	10	25.40	43	20	6.10	10	25.40	83	30	9.14	22	55.88
4	30	9.14	18	45.72	44	30	9.14	18	45.72	84	20	6.10	11	27.94
5	30	9.14	18	45.72	45	25	7.62	11	27.94	85	40	12.19	18	45.72
6	30	9.14	17	43.18	46	20	6.10	14	35.56	86	30	9.14	10	25.40
7	30	9.14	17	43.18	47	15	4.57	10	25.40	87	20	6.10	10	25.40
8	30	9.14	12	30.48	48	30	9.14	15	38.10	88	15	4.57	10	25.40
9	15	4.57	11	27.94	49	50	15.24	32	81.28	89	18	5.49	11	27.94
10	20	6.10	11	27.94	50	20	6.10	14	35.56	90	20	6.10	14	35.56
11	20	6.10	12	30.48	51	25	7.62	11	27.94	91	40	12.19	22	55.88
12	20	6.10	16	40.64	52	20	6.10	12	30.48	92	50	15.24	16	40.64
13	40	12.19	15	38.10	53	30	9.14	18	45.72	93	25	7.62	13	33.02
14	20	6.10	12	30.48	54	40	12.19	15	38.10	94	20	6.10	14	35.56
15	40	12.19	19	48.26	55	20	6.10	12	30.48	95	35	10.67	21	53.34
16	30	9.14	18	45.72	56	20	6.10	12	30.48	96	25	7.62	11	27.94
17	25	7.62	10	25.40	57	20	6.10	12	30.48	97	20	6.10	14	35.56
18	30	9.14	17	43.18	58	22	6.71	12	30.48	98	25	7.62	12	30.48
19	20	6.10	11	27.94	59	24	7.32	12	30.48	99	25	7.62	11	27.94
20	15	4.57	10	25.40	60	21	6.40	12	30.48	100	26	7.92	11	27.94
21	19	5.79	12	30.48	61	24	7.32	12	30.48	101	30	9.14	16	40.64
22	25	7.62	13	33.02	62	22	6.71	12	30.48	102	35	10.67	16	40.64
23	20	6.10	10	25.40	63	25	7.62	12	30.48	103	25	7.62	11	27.94
24	30	9.14	13	33.02	64	25	7.62	17	43.18	104	25	7.62	12	30.48
25	35	10.67	17	43.18	65	60	18.29	52	132.08	105	30	9.14	15	38.10
26	20	6.10	11	27.94	66	35	10.67	18	45.72	106	26	7.92	20	50.80
27	20	6.10	12	30.48	67	25	7.62	18	45.72	107	25	7.62	11	27.94
28	20	6.10	12	30.48	68	20	6.10	11	27.94	108	25	7.62	13	33.02
29	25	7.62	11	27.94	69	25	7.62	11	27.94	109	30	9.14	12	30.48
30	22	6.71	11	27.94	70	26	7.92	11	27.94	110	25	7.62	12	30.48
31	20	6.10	13	33.02	71	30	9.14	15	38.10	111	28	8.53	13	33.02
32	25	7.62	12	30.48	72	20	6.10	20	50.80	112	25	7.62	11	27.94
33	20	6.10	11	27.94	73	20	6.10	10	25.40	113	25	7.62	13	33.02
34	20	6.10	11	27.94	74	20	6.10	12	30.48	114	28	8.53	15	38.10
35	20	6.10	11	27.94	75	20	6.10	10	25.40	115	20	6.10	11	27.94
36	28	8.53	13	33.02	76	30	9.14	16	40.64	116	20	6.10	14	35.56
37	25	7.62	13	33.02	77	20	6.10	11	27.94	117	25	7.62	12	30.48
38	25	7.62	11	27.94	78	28	8.53	15	38.10	118	25	7.62	11	27.94
39	19	5.79	16	40.64	79	28	8.53	14	35.56	119	15	4.57	10	25.40
40	30	9.14	14	35.56	80	24	7.32	14	35.56	120	25	7.62	13	33.02

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
121	30	9.14	18	45.72	161	20	6.10	10	25.40	201	25	7.62	15	38.10
122	40	12.19	20	50.80	162	20	6.10	11	27.94	202	20	6.10	12	30.48
123	30	9.14	18	45.72	163	28	8.53	12	30.48	203	28	8.53	11	27.94
124	15	4.57	10	25.40	164	25	7.62	17	43.18	204	18	5.49	11	27.94
125	20	6.10	11	27.94	165	30	9.14	15	38.10	205	25	7.62	12	30.48
126	20	6.10	10	25.40	166	30	9.14	15	38.10	206	25	7.62	11	27.94
127	25	7.62	16	40.64	167	40	12.19	16	40.64	207	25	7.62	18	45.72
128	19	5.79	15	38.10	168	25	7.62	10	25.40	208	20	6.10	12	30.48
129	15	4.57	10	25.40	169	35	10.67	15	38.10	209	30	9.14	11	27.94
130	25	7.62	18	45.72	170	35	10.67	16	40.64	210	25	7.62	13	33.02
131	20	6.10	10	25.40	171	40	12.19	17	43.18	211	20	6.10	10	25.40
132	25	7.62	12	30.48	172	25	7.62	11	27.94	212	20	6.10	13	33.02
133	30	9.14	18	45.72	173	25	7.62	10	25.40	213	25	7.62	10	25.40
134	25	7.62	15	38.10	174	15	4.57	10	25.40	214	20	6.10	12	30.48
135	20	6.10	10	25.40	175	28	8.53	10	25.40	215	18	5.49	10	25.40
136	20	6.10	10	25.40	176	20	6.10	17	43.18	216	20	6.10	11	27.94
137	25	7.62	10	25.40	177	20	6.10	10	25.40	217	25	7.62	12	30.48
138	25	7.62	12	30.48	178	21	6.40	10	25.40	218	25	7.62	10	25.40
139	25	7.62	15	38.10	179	22	6.71	13	33.02	219	20	6.10	15	38.10
140	50	15.24	15	38.10	180	19	5.79	15	38.10	220	30	9.14	13	33.02
141	35	10.67	15	38.10	181	15	4.57	10	25.40	221	30	9.14	17	43.18
142	25	7.62	16	40.64	182	25	7.62	13	33.02	222	30	9.14	10	25.40
143	20	6.10	14	35.56	183	25	7.62	14	35.56	223	17	5.18	16	40.64
144	22	6.71	17	43.18	184	25	7.62	12	30.48	224	20	6.10	15	38.10
145	28	8.53	11	27.94	185	22	6.71	12	30.48	225	30	9.14	18	45.72
146	22	6.71	10	25.40	186	23	7.01	11	27.94	226	25	7.62	12	30.48
147	15	4.57	10	25.40	187	35	10.67	18	45.72	227	52	15.85	30	76.20
148	20	6.10	12	30.48	188	20	6.10	10	25.40	228	30	9.14	15	38.10
149	25	7.62	10	25.40	189	20	6.10	11	27.94	229	25	7.62	12	30.48
150	15	4.57	10	25.40	190	25	7.62	13	33.02	230	30	9.14	18	45.72
151	25	7.62	12	30.48	191	15	4.57	10	25.40	231	30	9.14	17	43.18
152	20	6.10	16	40.64	192	25	7.62	16	40.64	232	20	6.10	10	25.40
153	20	6.10	10	25.40	193	25	7.62	11	27.94	233	15	4.57	10	25.40
154	25	7.62	11	27.94	194	15	4.57	10	25.40	234	20	6.10	10	25.40
155	20	6.10	12	30.48	195	20	6.10	10	25.40	235	25	7.62	18	45.72
156	20	6.10	12	30.48	196	20	6.10	11	27.94	236	25	7.62	10	25.40
157	15	4.57	10	25.40	197	27	8.23	12	30.48	237	52	15.85	30	76.20
158	22	6.71	15	38.10	198	25	7.62	15	38.10	238	25	7.62	15	38.10
159	30	9.14	18	45.72	199	25	7.62	11	27.94	239	25	7.62	11	27.94
160	20	6.10	12	30.48	200	22	6.71	10	25.40	240	30	9.14	14	35.56

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
241	25	7.62	11	27.94	281	22	6.71	10	25.40	321	22	6.71	10	25.40
242	25	7.62	12	30.48	282	25	7.62	12	30.48	322	25	7.62	14	35.56
243	30	9.14	18	45.72	283	25	7.62	10	25.40	323	26	7.92	11	27.94
244	27	8.23	12	30.48	284	13	3.96	20	50.80	324	28	8.53	11	27.94
245	20	6.10	14	35.56	285	35	10.67	19	48.26	325	40	12.19	17	43.18
246	30	9.14	14	35.56	286	20	6.10	11	27.94	326	17	5.18	11	27.94
247	27	8.23	11	27.94	287	20	6.10	11	27.94	327	30	9.14	18	45.72
248	20	6.10	10	25.40	288	20	6.10	10	25.40	328	32	9.75	18	45.72
249	30	9.14	18	45.72	289	25	7.62	13	33.02	329	26	7.92	12	30.48
250	25	7.62	10	25.40	290	15	4.57	10	25.40	330	28	8.53	13	33.02
251	20	6.10	10	25.40	291	20	6.10	12	30.48	331	18	5.49	10	25.40
252	38	11.58	18	45.72	292	25	7.62	11	27.94	332	16	4.88	11	27.94
253	20	6.10	10	25.40	293	20	6.10	12	30.48	333	20	6.10	10	25.40
254	19	5.79	10	25.40	294	27	8.23	12	30.48	334	22	6.71	11	27.94
255	35	10.67	10	25.40	295	20	6.10	10	25.40	335	30	9.14	17	43.18
256	20	6.10	10	25.40	296	30	9.14	18	45.72	336	20	6.10	10	25.40
257	22	6.71	10	25.40	297	25	7.62	18	45.72	337	19	5.79	14	35.56
258	20	6.10	10	25.40	298	20	6.10	10	25.40	338	25	7.62	14	35.56
259	20	6.10	12	30.48	299	27	8.23	14	35.56	339	23	7.01	15	38.10
260	20	6.10	14	35.56	300	22	6.71	12	30.48	340	25	7.62	13	33.02
261	17	5.18	10	25.40	301	20	6.10	10	25.40	341	20	6.10	11	27.94
262	22	6.71	10	25.40	302	25	7.62	12	30.48	342	30	9.14	17	43.18
263	24	7.32	12	30.48	303	25	7.62	11	27.94	343	20	6.10	10	25.40
264	14	4.27	25	63.50	304	20	6.10	10	25.40	344	18	5.49	10	25.40
265	30	9.14	15	38.10	305	16	4.88	10	25.40	345	20	6.10	11	27.94
266	15	4.57	10	25.40	306	30	9.14	13	33.02	346	19	5.79	10	25.40
267	16	4.88	10	25.40	307	20	6.10	10	25.40	347	20	6.10	12	30.48
268	22	6.71	10	25.40	308	25	7.62	14	35.56	348	22	6.71	11	27.94
269	30	9.14	15	38.10	309	25	7.62	12	30.48	349	20	6.10	11	27.94
270	23	7.01	10	25.40	310	20	6.10	10	25.40	350	15	4.57	10	25.40
271	25	7.62	11	27.94	311	35	10.67	16	40.64	351	18	5.49	14	35.56
272	30	9.14	15	38.10	312	25	7.62	12	30.48	352	20	6.10	12	30.48
273	20	6.10	10	25.40	313	26	7.92	12	30.48	353	25	7.62	14	35.56
274	20	6.10	10	25.40	314	20	6.10	10	25.40	354	15	4.57	10	25.40
275	25	7.62	12	30.48	315	20	6.10	14	35.56	355	17	5.18	11	27.94
276	25	7.62	10	25.40	316	22	6.71	11	27.94	356	22	6.71	14	35.56
277	28	8.53	17	43.18	317	30	9.14	16	40.64	357	32	9.75	14	35.56
278	20	6.10	10	25.40	318	23	7.01	10	25.40	358	20	6.10	12	30.48
279	20	6.10	10	25.40	319	20	6.10	12	30.48	359	15	4.57	10	25.40
280	20	6.10	12	30.48	320	20	6.10	10	25.40	360	18	5.49	11	27.94

SUSUNIA

Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
361	27	8.23	14	35.56	401	25	7.62	13	33.02	441	32	9.75	22	55.88
362	25	7.62	12	30.48	402	20	6.10	10	25.40	442	40	12.19	10	25.40
363	25	7.62	10	25.40	403	30	9.14	18	45.72	443	19	5.79	17	43.18
364	17	5.18	10	25.40	404	27	8.23	12	30.48	444	25	7.62	10	25.40
365	19	5.79	10	25.40	405	22	6.71	10	25.40	445	20	6.10	10	25.40
366	20	6.10	12	30.48	406	25	7.62	13	33.02	446	20	6.10	11	27.94
367	30	9.14	18	45.72	407	30	9.14	15	38.10	447	22	6.71	10	25.40
368	30	9.14	14	35.56	408	30	9.14	14	35.56	448	19	5.79	11	27.94
369	20	6.10	13	33.02	409	32	9.75	15	38.10	449	20	6.10	10	25.40
370	30	9.14	15	38.10	410	20	6.10	10	25.40	450	22	6.71	10	25.40
371	16	4.88	10	25.40	411	22	6.71	10	25.40	451	22	6.71	11	27.94
372	24	7.32	14	35.56	412	24	7.32	10	25.40	452	20	6.10	13	33.02
373	26	7.92	11	27.94	413	20	6.10	10	25.40	453	35	10.67	18	45.72
374	28	8.53	12	30.48	414	25	7.62	11	27.94	454	20	6.10	10	25.40
375	20	6.10	12	30.48	415	22	6.71	10	25.40	455	19	5.79	10	25.40
376	22	6.71	11	27.94	416	20	6.10	10	25.40	456	25	7.62	13	33.02
377	25	7.62	11	27.94	417	20	6.10	13	33.02	457	25	7.62	12	30.48
378	18	5.49	15	38.10	418	26	7.92	12	30.48	458	35	10.67	19	48.26
379	16	4.88	13	33.02	419	30	9.14	15	38.10	459	20	6.10	14	35.56
380	22	6.71	12	30.48	420	28	8.53	14	35.56	460	20	6.10	12	30.48
381	18	5.49	10	25.40	421	30	9.14	19	48.26	461	20	6.10	10	25.40
382	20	6.10	10	25.40	422	15	4.57	10	25.40	462	22	6.71	13	33.02
383	12	3.66	10	25.40	423	26	7.92	12	30.48	463	25	7.62	16	40.64
384	30	9.14	14	35.56	424	25	7.62	12	30.48	464	15	4.57	10	25.40
385	33	10.06	11	27.94	425	25	7.62	12	30.48	465	25	7.62	11	27.94
386	25	7.62	12	30.48	426	40	12.19	21	53.34	466	15	4.57	12	30.48
387	33	10.06	16	40.64	427	25	7.62	18	45.72	467	20	6.10	12	30.48
388	25	7.62	12	30.48	428	26	7.92	14	35.56	468	25	7.62	12	30.48
389	20	6.10	10	25.40	429	25	7.62	17	43.18	469	20	6.10	10	25.40
390	15	4.57	10	25.40	430	35	10.67	18	45.72	470	35	10.67	18	45.72
391	20	6.10	11	27.94	431	25	7.62	12	30.48	471	25	7.62	14	35.56
392	30	9.14	17	43.18	432	25	7.62	12	30.48	472	20	6.10	10	25.40
393	20	6.10	11	27.94	433	25	7.62	12	30.48	473	20	6.10	10	25.40
394	19	5.79	11	27.94	434	16	4.88	12	30.48	474	35	10.67	18	45.72
395	33	10.06	18	45.72	435	20	6.10	13	33.02	475	36	10.97	17	43.18
396	18	5.49	12	30.48	436	25	7.62	11	27.94	476	36	10.97	18	45.72
397	20	6.10	11	27.94	437	20	6.10	13	33.02	477	20	6.10	10	25.40
398	18	5.49	12	30.48	438	25	7.62	10	25.40	478	22	6.71	12	30.48
399	30	9.14	18	45.72	439	16	4.88	10	25.40	479	24	7.32	12	30.48
400	15	4.57	12	30.48	440	15	4.57	19	48.26	480	15	4.57	10	25.40

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
481	20	6.10	10	25.40	521	25	7.62	12	30.48	561	15	4.57	10	25.40
482	20	6.10	10	25.40	522	27	8.23	13	33.02	562	20	6.10	10	25.40
483	22	6.71	10	25.40	523	25	7.62	14	35.56	563	20	6.10	10	25.40
484	24	7.32	10	25.40	524	30	9.14	11	27.94	564	25	7.62	11	27.94
485	20	6.10	10	25.40	525	20	6.10	10	25.40	565	25	7.62	12	30.48
486	20	6.10	10	25.40	526	20	6.10	10	25.40	566	25	7.62	14	35.56
487	22	6.71	10	25.40	527	20	6.10	10	25.40	567	26	7.92	12	30.48
488	20	6.10	11	27.94	528	17	5.18	12	30.48	568	27	8.23	12	30.48
489	30	9.14	11	27.94	529	17	5.18	12	30.48	569	25	7.62	10	25.40
490	25	7.62	11	27.94	530	25	7.62	14	35.56	570	24	7.32	11	27.94
491	24	7.32	11	27.94	531	30	9.14	15	38.10	571	25	7.62	13	33.02
492	25	7.62	11	27.94	532	20	6.10	11	27.94	572	31	9.45	12	30.48
493	25	7.62	13	33.02	533	22	6.71	12	30.48	573	26	7.92	11	27.94
494	20	6.10	12	30.48	534	28	8.53	12	30.48	574	20	6.10	11	27.94
495	25	7.62	11	27.94	535	30	9.14	18	45.72	575	24	7.32	18	45.72
496	25	7.62	14	35.56	536	35	10.67	22	55.88	576	21	6.40	12	30.48
497	30	9.14	14	35.56	537	20	6.10	12	30.48	577	28	8.53	15	38.10
498	35	10.67	14	35.56	538	20	6.10	14	35.56	578	36	10.97	17	43.18
499	32	9.75	13	33.02	539	30	9.14	14	35.56	579	30	9.14	14	35.56
500	30	9.14	15	38.10	540	15	4.57	10	25.40	580	28	8.53	13	33.02
501	27	8.23	12	30.48	541	25	7.62	11	27.94	581	31	9.45	14	35.56
502	20	6.10	11	27.94	542	20	6.10	10	25.40	582	25	7.62	10	25.40
503	21	6.40	12	30.48	543	22	6.71	11	27.94	583	24	7.32	11	27.94
504	20	6.10	15	38.10	544	22	6.71	10	25.40	584	23	7.01	11	27.94
505	25	7.62	12	30.48	545	20	6.10	10	25.40	585	25	7.62	12	30.48
506	15	4.57	10	25.40	546	30	9.14	18	45.72	586	24	7.32	12	30.48
507	16	4.88	10	25.40	547	23	7.01	11	27.94	587	23	7.01	11	27.94
508	17	5.18	11	27.94	548	15	4.57	10	25.40	588	17	5.18	10	25.40
509	20	6.10	10	25.40	549	25	7.62	13	33.02	589	27	8.23	13	33.02
510	20	6.10	12	30.48	550	26	7.92	14	35.56	590	23	7.01	11	27.94
511	27	8.23	15	38.10	551	18	5.49	15	38.10	591	22	6.71	11	27.94
512	15	4.57	10	25.40	552	40	12.19	32	81.28	592	32	9.75	17	43.18
513	30	9.14	14	35.56	553	30	9.14	18	45.72	593	33	10.06	17	43.18
514	25	7.62	12	30.48	554	17	5.18	10	25.40	594	25	7.62	12	30.48
515	17	5.18	12	30.48	555	20	6.10	12	30.48	595	23	7.01	12	30.48
516	20	6.10	10	25.40	556	20	6.10	11	27.94	596	23	7.01	11	27.94
517	20	6.10	11	27.94	557	28	8.53	12	30.48	597	40	12.19	18	45.72
518	25	7.62	12	30.48	558	22	6.71	10	25.40	598	36	10.97	15	38.10
519	27	8.23	14	35.56	559	25	7.62	12	30.48	599	41	12.50	22	55.88
520	22	6.71	22	55.88	560	25	7.62	12	30.48	600	14	4.27	10	25.40

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Shorea robusta/(Sal)														
	Height		Girth			Height		Girth			Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)
601	15	4.57	10	25.40	641	26	7.92	10	25.40	681	15	4.57	11	27.94
602	20	6.10	11	27.94	642	16	4.88	11	27.94	682	16	4.88	13	33.02
603	16	4.88	12	30.48	643	20	6.10	12	30.48	683	17	5.18	10	25.40
604	35	10.67	17	43.18	644	22	6.71	11	27.94	684	20	6.10	11	27.94
605	25	7.62	12	30.48	645	22	6.71	11	27.94	685	19	5.79	11	27.94
606	24	7.32	12	30.48	646	25	7.62	12	30.48	686	20	6.10	11	27.94
607	25	7.62	12	30.48	647	27	8.23	13	33.02	687	20	6.10	10	25.40
608	23	7.01	12	30.48	648	26	7.92	12	30.48	688	26	7.92	15	38.10
609	20	6.10	12	30.48	649	27	8.23	14	35.56	689	24	7.32	14	35.56
610	25	7.62	11	27.94	650	27	8.23	14	35.56	690	20	6.10	14	35.56
611	20	6.10	11	27.94	651	25	7.62	10	25.40	691	20	6.10	10	25.40
612	22	6.71	11	27.94	652	12	3.66	10	25.40	692	20	6.10	10	25.40
613	21	6.40	11	27.94	653	16	4.88	10	25.40	693	20	6.10	15	38.10
614	20	6.10	10	25.40	654	22	6.71	11	27.94	694	15	4.57	10	25.40
615	20	6.10	10	25.40	655	25	7.62	12	30.48	695	15	4.57	10	25.40
616	20	6.10	11	27.94	656	20	6.10	12	30.48	696	20	6.10	12	30.48
617	25	7.62	16	40.64	657	20	6.10	19	48.26	697	21	6.40	12	30.48
618	24	7.32	12	30.48	658	28	8.53	12	30.48	698	12	3.66	10	25.40
619	23	7.01	12	30.48	659	25	7.62	11	27.94	699	16	4.88	10	25.40
620	20	6.10	11	27.94	660	20	6.10	10	25.40	700	18	5.49	11	27.94
621	20	6.10	10	25.40	661	25	7.62	13	33.02	701	19	5.79	11	27.94
622	24	7.32	13	33.02	662	25	7.62	14	35.56	702	20	6.10	12	30.48
623	20	6.10	11	27.94	663	17	5.18	13	33.02	703	20	6.10	10	25.40
624	20	6.10	11	27.94	664	16	4.88	10	25.40	704	15	4.57	10	25.40
625	18	5.49	11	27.94	665	15	4.57	10	25.40	705	26	7.92	12	30.48
626	19	5.79	11	27.94	666	15	4.57	12	30.48	706	25	7.62	10	25.40
627	25	7.62	11	27.94	667	20	6.10	12	30.48	707	25	7.62	12	30.48
628	25	7.62	14	35.56	668	21	6.40	10	25.40					
629	20	6.10	14	35.56	669	12	3.66	10	25.40					
630	20	6.10	16	40.64	670	16	4.88	11	27.94					
631	25	7.62	11	27.94	671	18	5.49	11	27.94					
632	26	7.92	10	25.40	672	19	5.79	12	30.48					
633	32	9.75	11	27.94	673	20	6.10	12	30.48					
634	33	10.06	21	53.34	674	25	7.62	13	33.02					
635	40	12.19	22	55.88	675	20	6.10	10	25.40					
636	20	6.10	10	25.40	676	23	7.01	11	27.94					
637	15	4.57	10	25.40	677	32	9.75	11	27.94					
638	20	6.10	10	25.40	678	32	9.75	12	30.48					
639	22	6.71	10	25.40	679	30	9.14	22	55.88					
640	24	7.32	12	30.48	680	24	7.32	22	55.88					

Buchanania lanzan/(Piyal)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	34	86.36

SUSUNIA

Susunia SP 4

Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64	41	26	7.92	10	25.40	81	30	9.14	14	35.56
2	25	7.62	15	38.10	42	22	6.71	10	25.40	82	20	6.10	14	35.56
3	20	6.10	10	25.40	43	18	5.49	12	30.48	83	30	9.14	12	30.48
4	25	7.62	10	25.40	44	25	7.62	15	38.10	84	20	6.10	10	25.40
5	25	7.62	12	30.48	45	28	8.53	10	25.40	85	20	6.10	10	25.40
6	30	9.14	14	35.56	46	20	6.10	10	25.40	86	18	5.49	10	25.40
7	30	9.14	14	35.56	47	26	7.92	10	25.40	87	30	9.14	16	40.64
8	20	6.10	10	25.40	48	21	6.40	10	25.40	88	30	9.14	14	35.56
9	22	6.71	10	25.40	49	30	9.14	17	43.18	89	20	6.10	12	30.48
10	21	6.40	10	25.40	50	21	6.40	10	25.40	90	25	7.62	15	38.10
11	30	9.14	16	40.64	51	22	6.71	10	25.40	91	32	9.75	13	33.02
12	25	7.62	10	25.40	52	25	7.62	12	30.48	92	20	6.10	10	25.40
13	22	6.71	10	25.40	53	28	8.53	12	30.48	93	22	6.71	10	25.40
14	20	6.10	10	25.40	54	30	9.14	14	35.56	94	35	10.67	18	45.72
15	22	6.71	10	25.40	55	35	10.67	18	45.72	95	35	10.67	19	48.26
16	25	7.62	10	25.40	56	32	9.75	12	30.48	96	30	9.14	14	35.56
17	26	7.92	10	25.40	57	40	12.19	22	55.88	97	35	10.67	14	35.56
18	24	7.32	13	33.02	58	32	9.75	12	30.48	98	35	10.67	22	55.88
19	32	9.75	14	35.56	59	45	13.72	25	63.50	99	30	9.14	12	30.48
20	36	10.97	13	33.02	60	26	7.92	13	33.02	100	25	7.62	16	40.64
21	34	10.36	13	33.02	61	27	8.23	15	38.10	101	28	8.53	11	27.94
22	26	7.92	19	48.26	62	26	7.92	12	30.48	102	25	7.62	12	30.48
23	34	10.36	16	40.64	63	25	7.62	11	27.94	103	36	10.97	16	40.64
24	40	12.19	10	25.40	64	20	6.10	10	25.40	104	25	7.62	12	30.48
25	26	7.92	16	40.64	65	30	9.14	12	30.48	105	24	7.32	13	33.02
26	22	6.71	15	38.10	66	19	5.79	12	30.48	106	30	9.14	14	35.56
27	32	9.75	10	25.40	67	20	6.10	10	25.40	107	22	6.71	10	25.40
28	22	6.71	10	25.40	68	21	6.40	12	30.48	108	25	7.62	11	27.94
29	45	13.72	16	40.64	69	30	9.14	18	45.72	109	36	10.97	11	27.94
30	48	14.63	15	38.10	70	25	7.62	11	27.94	110	40	12.19	15	38.10
31	30	9.14	17	43.18	71	25	7.62	10	25.40	111	25	7.62	10	25.40
32	28	8.53	18	45.72	72	28	8.53	10	25.40	112	26	7.92	15	38.10
33	27	8.23	11	27.94	73	25	7.62	10	25.40	113	25	7.62	16	40.64
34	20	6.10	11	27.94	74	22	6.71	12	30.48	114	30	9.14	12	30.48
35	22	6.71	11	27.94	75	27	8.23	13	33.02	115	30	9.14	17	43.18
36	30	9.14	13	33.02	76	25	7.62	11	27.94	116	20	6.10	10	25.40
37	25	7.62	12	30.48	77	26	7.92	14	35.56	117	20	6.10	10	25.40
38	26	7.92	10	25.40	78	28	8.53	11	27.94	118	25	7.62	10	25.40
39	22	6.71	10	25.40	79	35	10.67	10	25.40	119	20	6.10	10	25.40
40	27	8.23	10	25.40	80	20	6.10	10	25.40	120	20	6.10	12	30.48

Shorea robusta/ (Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	35	10.67	16	40.64	161	21	6.40	11	27.94	201	20	6.10	10	25.40
122	20	6.10	10	25.40	162	12	3.66	10	25.40	202	30	9.14	16	40.64
123	22	6.71	17	43.18	163	25	7.62	10	25.40	203	25	7.62	14	35.56
124	15	4.57	10	25.40	164	20	6.10	10	25.40	204	20	6.10	10	25.40
125	20	6.10	12	30.48	165	25	7.62	14	35.56	205	20	6.10	10	25.40
126	30	9.14	12	30.48	166	30	9.14	14	35.56	206	26	7.92	20	50.80
127	20	6.10	10	25.40	167	45	13.72	10	25.40	207	20	6.10	10	25.40
128	28	8.53	12	30.48	168	30	9.14	14	35.56	208	22	6.71	10	25.40
129	22	6.71	10	25.40	169	25	7.62	10	25.40	209	22	6.71	10	25.40
130	20	6.10	10	25.40	170	25	7.62	12	30.48	210	20	6.10	10	25.40
131	22	6.71	11	27.94	171	45	13.72	18	45.72	211	25	7.62	12	30.48
132	30	9.14	14	35.56	172	26	7.92	13	33.02	212	35	10.67	12	30.48
133	18	5.49	10	25.40	173	20	6.10	10	25.40	213	35	10.67	18	45.72
134	25	7.62	16	40.64	174	25	7.62	10	25.40	214	20	6.10	12	30.48
135	22	6.71	11	27.94	175	30	9.14	18	45.72	215	19	5.79	14	35.56
136	23	7.01	11	27.94	176	25	7.62	12	30.48	216	25	7.62	14	35.56
137	20	6.10	10	25.40	177	25	7.62	12	30.48	217	35	10.67	18	45.72
138	20	6.10	10	25.40	178	26	7.92	13	33.02	218	20	6.10	10	25.40
139	26	7.92	10	25.40	179	24	7.32	13	33.02	219	19	5.79	11	27.94
140	28	8.53	12	30.48	180	20	6.10	12	30.48	220	25	7.62	11	27.94
141	30	9.14	14	35.56	181	30	9.14	14	35.56	221	20	6.10	16	40.64
142	25	7.62	12	30.48	182	25	7.62	12	30.48	222	22	6.71	11	27.94
143	20	6.10	10	25.40	183	20	6.10	12	30.48	223	20	6.10	10	25.40
144	30	9.14	18	45.72	184	14	4.27	10	25.40	224	28	8.53	18	45.72
145	21	6.40	14	35.56	185	25	7.62	12	30.48	225	25	7.62	11	27.94
146	27	8.23	13	33.02	186	20	6.10	10	25.40	226	26	7.92	13	33.02
147	20	6.10	10	25.40	187	30	9.14	14	35.56	227	26	7.92	10	25.40
148	20	6.10	10	25.40	188	30	9.14	16	40.64	228	25	7.62	10	25.40
149	35	10.67	18	45.72	189	42	12.80	27	68.58	229	25	7.62	12	30.48
150	20	6.10	10	25.40	190	25	7.62	13	33.02	230	30	9.14	14	35.56
151	40	12.19	16	40.64	191	20	6.10	14	35.56	231	26	7.92	12	30.48
152	20	6.10	11	27.94	192	25	7.62	16	40.64	232	20	6.10	12	30.48
153	20	6.10	11	27.94	193	21	6.40	16	40.64	233	25	7.62	11	27.94
154	30	9.14	12	30.48	194	22	6.71	16	40.64	234	25	7.62	20	50.80
155	25	7.62	12	30.48	195	20	6.10	11	27.94	235	30	9.14	10	25.40
156	20	6.10	12	30.48	196	20	6.10	10	25.40	236	30	9.14	10	25.40
157	20	6.10	10	25.40	197	25	7.62	14	35.56	237	20	6.10	11	27.94
158	25	7.62	10	25.40	198	15	4.57	14	35.56	238	25	7.62	11	27.94
159	20	6.10	10	25.40	199	15	4.57	10	25.40	239	24	7.32	12	30.48
160	26	7.92	18	45.72	200	25	7.62	14	35.56	240	25	7.62	16	40.64

Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	20	6.10	12	30.48	281	25	7.62	10	25.40	321	30	9.14	13	33.02
242	20	6.10	13	33.02	282	25	7.62	12	30.48	322	25	7.62	11	27.94
243	20	6.10	12	30.48	283	26	7.92	13	33.02	323	25	7.62	10	25.40
244	22	6.71	16	40.64	284	25	7.62	14	35.56	324	26	7.92	12	30.48
245	22	6.71	12	30.48	285	30	9.14	12	30.48	325	26	7.92	14	35.56
246	30	9.14	13	33.02	286	27	8.23	12	30.48	326	25	7.62	12	30.48
247	25	7.62	12	30.48	287	25	7.62	20	50.80	327	26	7.92	12	30.48
248	25	7.62	13	33.02	288	24	7.32	10	25.40	328	22	6.71	10	25.40
249	26	7.92	12	30.48	289	28	8.53	16	40.64	329	18	5.49	10	25.40
250	25	7.62	11	27.94	290	35	10.67	18	45.72	330	25	7.62	10	25.40
251	30	9.14	15	38.10	291	42	12.80	27	68.58	331	26	7.92	10	25.40
252	27	8.23	14	35.56	292	35	10.67	11	27.94	332	22	6.71	10	25.40
253	25	7.62	14	35.56	293	27	8.23	13	33.02	333	27	8.23	14	35.56
254	24	7.32	10	25.40	294	20	6.10	10	25.40	334	40	12.19	13	33.02
255	28	8.53	15	38.10	295	25	7.62	10	25.40	335	25	7.62	12	30.48
256	35	10.67	11	27.94	296	26	7.92	16	40.64	336	20	6.10	12	30.48
257	20	6.10	10	25.40	297	22	6.71	13	33.02	337	20	6.10	10	25.40
258	25	7.62	12	30.48	298	25	7.62	10	25.40	338	35	10.67	13	33.02
259	40	12.19	22	55.88	299	37	11.28	12	30.48	339	25	7.62	15	38.10
260	42	12.80	30	76.20	300	35	10.67	12	30.48	340	38	11.58	17	43.18
261	25	7.62	12	30.48	301	20	6.10	10	25.40	341	27	8.23	14	35.56
262	30	9.14	13	33.02	302	25	7.62	12	30.48	342	25	7.62	12	30.48
263	30	9.14	12	30.48	303	30	9.14	10	25.40	343	30	9.14	14	35.56
264	32	9.75	14	35.56	304	26	7.92	12	30.48	344	19	5.79	10	25.40
265	40	12.19	18	45.72	305	25	7.62	11	27.94	345	25	7.62	12	30.48
266	22	6.71	13	33.02	306	20	6.10	10	25.40	346	40	12.19	15	38.10
267	20	6.10	10	25.40	307	25	7.62	16	40.64	347	26	7.92	14	35.56
268	28	8.53	11	27.94	308	30	9.14	11	27.94	348	25	7.62	10	25.40
269	25	7.62	14	35.56	309	20	6.10	10	25.40	349	27	8.23	12	30.48
270	27	8.23	14	35.56	310	25	7.62	14	35.56	350	20	6.10	12	30.48
271	20	6.10	11	27.94	311	30	9.14	10	25.40	351	20	6.10	10	25.40
272	20	6.10	10	25.40	312	20	6.10	12	30.48	352	25	7.62	12	30.48
273	22	6.71	12	30.48	313	25	7.62	13	33.02	353	20	6.10	10	25.40
274	18	5.49	10	25.40	314	22	6.71	13	33.02	354	30	9.14	10	25.40
275	19	5.79	10	25.40	315	20	6.10	14	35.56	355	20	6.10	10	25.40
276	22	6.71	14	35.56	316	30	9.14	13	33.02	356	25	7.62	10	25.40
277	23	7.01	12	30.48	317	35	10.67	25	63.50	357	20	6.10	10	25.40
278	20	6.10	12	30.48	318	40	12.19	22	55.88	358	20	6.10	10	25.40
279	30	9.14	18	45.72	319	30	9.14	14	35.56	359	20	6.10	10	25.40
280	22	6.71	10	25.40	320	30	9.14	13	33.02	360	25	7.62	11	27.94

Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	20	6.10	10	25.40	401	20	6.10	10	25.40	441	25	7.62	11	27.94
362	25	7.62	10	25.40	402	25	7.62	10	25.40	442	25	7.62	12	30.48
363	30	9.14	16	40.64	403	20	6.10	10	25.40	443	20	6.10	10	25.40
364	30	9.14	13	33.02	404	20	6.10	15	38.10	444	26	7.92	12	30.48
365	32	9.75	13	33.02	405	20	6.10	16	40.64	445	30	9.14	14	35.56
366	25	7.62	10	25.40	406	30	9.14	15	38.10	446	28	8.53	13	33.02
367	20	6.10	14	35.56	407	20	6.10	10	25.40	447	25	7.62	10	25.40
368	26	7.92	12	30.48	408	20	6.10	12	30.48	448	25	7.62	12	30.48
369	20	6.10	10	25.40	409	25	7.62	11	27.94	449	25	7.62	10	25.40
370	25	7.62	12	30.48	410	30	9.14	18	45.72	450	23	7.01	11	27.94
371	25	7.62	12	30.48	411	40	12.19	35	88.90	451	20	6.10	10	25.40
372	30	9.14	13	33.02	412	25	7.62	14	35.56	452	18	5.49	10	25.40
373	35	10.67	11	27.94	413	25	7.62	15	38.10	453	25	7.62	12	30.48
374	25	7.62	16	40.64	414	30	9.14	18	45.72	454	25	7.62	11	27.94
375	30	9.14	11	27.94	415	32	9.75	15	38.10	455	31	9.45	13	33.02
376	30	9.14	12	30.48	416	30	9.14	15	38.10	456	26	7.92	11	27.94
377	30	9.14	12	30.48	417	25	7.62	10	25.40	457	24	7.32	11	27.94
378	30	9.14	14	35.56	418	30	9.14	11	27.94	458	22	6.71	10	25.40
379	25	7.62	10	25.40	419	30	9.14	10	25.40	459	24	7.32	12	30.48
380	22	6.71	12	30.48	420	20	6.10	10	25.40	460	30	9.14	16	40.64
381	22	6.71	10	25.40	421	30	9.14	12	30.48	461	23	7.01	11	27.94
382	25	7.62	12	30.48	422	28	8.53	11	27.94	462	30	9.14	19	48.26
383	25	7.62	13	33.02	423	25	7.62	13	33.02	463	26	7.92	12	30.48
384	25	7.62	10	25.40	424	25	7.62	11	27.94	464	30	9.14	10	25.40
385	30	9.14	12	30.48	425	30	9.14	10	25.40	465	28	8.53	12	30.48
386	30	9.14	12	30.48	426	30	9.14	12	30.48	466	25	7.62	10	25.40
387	32	9.75	16	40.64	427	20	6.10	11	27.94	467	20	6.10	12	30.48
388	25	7.62	10	25.40	428	22	6.71	16	40.64	468	25	7.62	10	25.40
389	25	7.62	13	33.02	429	32	9.75	11	27.94	469	30	9.14	14	35.56
390	35	10.67	18	45.72	430	23	7.01	14	35.56	470	30	9.14	12	30.48
391	26	7.92	15	38.10	431	20	6.10	10	25.40	471	26	7.92	12	30.48
392	22	6.71	1415	3594.10	432	30	9.14	10	25.40	472	18	5.49	12	30.48
393	25	7.62	1`2	#VALUE!	433	32	9.75	16	40.64	473	24	7.32	11	27.94
394	20	6.10	13	33.02	434	20	6.10	10	25.40	474	25	7.62	10	25.40
395	22	6.71	11	27.94	435	18	5.49	12	30.48	475	25	7.62	10	25.40
396	30	9.14	10	25.40	436	22	6.71	14	35.56	476	20	6.10	10	25.40
397	25	7.62	11	27.94	437	25	7.62	13	33.02	477	20	6.10	10	25.40
398	20	6.10	12	30.48	438	26	7.92	10	25.40	478	25	7.62	12	30.48
399	20	6.10	10	25.40	439	35	10.67	10	25.40	479	30	9.14	14	35.56
400	19	5.79	10	25.40	440	25	7.62	10	25.40	480	30	9.14	10	25.40

Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	30	9.14	14	35.56	521	20	6.10	11	27.94	561	45	13.72	14	35.56
482	22	6.71	13	33.02	522	20	6.10	12	30.48	562	28	8.53	18	45.72
483	25	7.62	11	27.94	523	40	12.19	22	55.88	563	24	7.32	12	30.48
484	26	7.92	12	30.48	524	25	7.62	14	35.56	564	22	6.71	11	27.94
485	30	9.14	17	43.18	525	40	12.19	17	43.18	565	46	14.02	18	45.72
486	26	7.92	14	35.56	526	22	6.71	12	30.48	566	20	6.10	10	25.40
487	22	6.71	12	30.48	527	27	8.23	12	30.48	567	32	9.75	11	27.94
488	25	7.62	10	25.40	528	20	6.10	10	25.40	568	23	7.01	11	27.94
489	30	9.14	11	27.94	529	25	7.62	11	27.94	569	40	12.19	22	55.88
490	25	7.62	10	25.40	530	30	9.14	13	33.02	570	20	6.10	10	25.40
491	25	7.62	11	27.94	531	25	7.62	10	25.40	571	31	9.45	11	27.94
492	18	5.49	10	25.40	532	25	7.62	11	27.94	572	18	5.49	10	25.40
493	31	9.45	11	27.94	533	25	7.62	10	25.40	573	30	9.14	14	35.56
494	30	9.14	17	43.18	534	20	6.10	10	25.40	574	30	9.14	13	33.02
495	30	9.14	13	33.02	535	24	7.32	11	27.94	575	37	11.28	16	40.64
496	30	9.14	13	33.02	536	25	7.62	13	33.02	576	25	7.62	10	25.40
497	20	6.10	10	25.40	537	26	7.92	13	33.02	577	36	10.97	14	35.56
498	22	6.71	13	33.02	538	27	8.23	13	33.02	578	20	6.10	12	30.48
499	22	6.71	10	25.40	539	35	10.67	16	40.64	579	33	10.06	13	33.02
500	20	6.10	11	27.94	540	25	7.62	12	30.48	580	18	5.49	10	25.40
501	30	9.14	16	40.64	541	40	12.19	15	38.10	581	20	6.10	10	25.40
502	30	9.14	12	30.48	542	25	7.62	11	27.94	582	35	10.67	16	40.64
503	22	6.71	11	27.94	543	25	7.62	10	25.40	583	25	7.62	12	30.48
504	30	9.14	15	38.10	544	25	7.62	15	38.10	584	20	6.10	11	27.94
505	25	7.62	11	27.94	545	20	6.10	10	25.40	585	28	8.53	15	38.10
506	23	7.01	10	25.40	546	30	9.14	11	27.94	586	20	6.10	10	25.40
507	20	6.10	10	25.40	547	38	11.58	14	35.56	587	26	7.92	14	35.56
508	24	7.32	12	30.48	548	30	9.14	13	33.02	588	26	7.92	15	38.10
509	20	6.10	10	25.40	549	28	8.53	16	40.64	589	25	7.62	12	30.48
510	25	7.62	10	25.40	550	35	10.67	13	33.02	590	30	9.14	11	27.94
511	20	6.10	10	25.40	551	20	6.10	11	27.94	591	30	9.14	13	33.02
512	22	6.71	10	25.40	552	32	9.75	13	33.02	592	25	7.62	11	27.94
513	27	8.23	13	33.02	553	18	5.49	14	35.56	593	15	4.57	10	25.40
514	25	7.62	10	25.40	554	40	12.19	17	43.18	594	20	6.10	12	30.48
515	25	7.62	10	25.40	555	25	7.62	11	27.94	595	20	6.10	11	27.94
516	20	6.10	10	25.40	556	25	7.62	12	30.48	596	15	4.57	12	30.48
517	25	7.62	11	27.94	557	42	12.80	16	40.64	597	24	7.32	11	27.94
518	35	10.67	16	40.64	558	25	7.62	10	25.40	598	15	4.57	10	25.40
519	27	8.23	13	33.02	559	35	10.67	18	45.72	599	30	9.14	13	33.02
520	35	10.67	18	45.72	560	20	6.10	10	25.40	600	35	10.67	13	33.02

Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	15	4.57	10	25.40	641	25	7.62	12	30.48	681	28	8.53	16	40.64
602	25	7.62	10	25.40	642	30	9.14	13	33.02	682	25	7.62	11	27.94
603	28	8.53	13	33.02	643	30	9.14	17	43.18	683	25	7.62	12	30.48
604	30	9.14	11	27.94	644	30	9.14	15	38.10	684	25	7.62	11	27.94
605	26	7.92	14	35.56	645	15	4.57	10	25.40	685	29	8.84	14	35.56
606	20	6.10	10	25.40	646	25	7.62	10	25.40	686	25	7.62	1	2.54
607	22	6.71	12	30.48	647	30	9.14	10	25.40	687	26	7.92	12	30.48
608	30	9.14	12	30.48	648	22	6.71	13	33.02	688	30	9.14	18	45.72
609	25	7.62	12	30.48	649	20	6.10	10	25.40	689	30	9.14	11	27.94
610	18	5.49	10	25.40	650	20	6.10	12	30.48	690	25	7.62	12	30.48
611	20	6.10	11	27.94	651	17	5.18	10	25.40	691	22	6.71	11	27.94
612	20	6.10	10	25.40	652	28	8.53	13	33.02	692	30	9.14	13	33.02
613	18	5.49	10	25.40	653	20	6.10	10	25.40	693	20	6.10	14	35.56
614	25	7.62	12	30.48	654	25	7.62	12	30.48	694	30	9.14	14	35.56
615	25	7.62	11	27.94	655	28	8.53	16	40.64	695	26	7.92	15	38.10
616	25	7.62	14	35.56	656	30	9.14	15	38.10	696	20	6.10	10	25.40
617	20	6.10	10	25.40	657	32	9.75	17	43.18	697	20	6.10	11	27.94
618	25	7.62	14	35.56	658	25	7.62	10	25.40	698	25	7.62	14	35.56
619	22	6.71	15	38.10	659	30	9.14	14	35.56	699	30	9.14	10	25.40
620	25	7.62	15	38.10	660	30	9.14	16	40.64	700	25	7.62	10	25.40
621	30	9.14	14	35.56	661	25	7.62	10	25.40	701	25	7.62	11	27.94
622	35	10.67	18	45.72	662	25	7.62	11	27.94	702	20	6.10	10	25.40
623	25	7.62	13	33.02	663	30	9.14	16	40.64	703	30	9.14	16	40.64
624	30	9.14	11	27.94	664	20	6.10	10	25.40	704	20	6.10	11	27.94
625	30	9.14	13	33.02	665	30	9.14	11	27.94	705	30	9.14	14	35.56
626	20	6.10	13	33.02	666	32	9.75	15	38.10	706	16	4.88	10	25.40
627	15	4.57	10	25.40	667	25	7.62	10	25.40	707	25	7.62	11	27.94
628	25	7.62	10	25.40	668	25	7.62	10	25.40	708	25	7.62	14	35.56
629	26	7.92	10	25.40	669	30	9.14	14	35.56	709	22	6.71	14	35.56
630	28	8.53	16	40.64	670	25	7.62	13	33.02	710	28	8.53	15	38.10
631	25	7.62	10	25.40	671	35	10.67	17	43.18	711	25	7.62	10	25.40
632	25	7.62	12	30.48	672	25	7.62	10	25.40	712	32	9.75	18	45.72
633	26	7.92	14	35.56	673	22	6.71	14	35.56	713	30	9.14	15	38.10
634	25	7.62	11	27.94	674	20	6.10	12	30.48	714	25	7.62	10	25.40
635	22	6.71	12	30.48	675	25	7.62	11	27.94	715	25	7.62	10	25.40
636	22	6.71	10	25.40	676	25	7.62	10	25.40	716	20	6.10	10	25.40
637	23	7.01	11	27.94	677	25	7.62	10	25.40	717	25	7.62	12	30.48
638	15	4.57	10	25.40	678	35	10.67	20	50.80	718	15	4.57	10	25.40
639	26	7.92	10	25.40	679	26	7.92	15	38.10	719	25	7.62	11	27.94
640	16	4.88	10	25.40	680	25	7.62	11	27.94	720	26	7.92	12	30.48

Shorea robusta/(Sal)													
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	20	6.10	10	25.40	761	20	6.10	10	25.40	801	24	7.32	12	30.48
722	18	5.49	12	30.48	762	22	6.71	10	25.40	802	31	9.45	16	40.64
723	25	7.62	13	33.02	763	20	6.10	10	25.40	803	26	7.92	13	33.02
724	25	7.62	12	30.48	764	25	7.62	10	25.40	804	34	10.36	14	35.56
725	10	3.05	11	27.94	765	29	8.84	11	27.94	805	42	12.80	23	58.42
726	25	7.62	13	33.02	766	30	9.14	11	27.94	806	22	6.71	10	25.40
727	25	7.62	12	30.48	767	28	8.53	10	25.40	807	20	6.10	10	25.40
728	20	6.10	13	33.02	768	25	7.62	10	25.40	808	26	7.92	10	25.40
729	30	9.14	14	35.56	769	40	12.19	15	38.10	809	24	7.32	11	27.94
730	25	7.62	10	25.40	770	41	12.50	15	38.10	810	32	9.75	15	38.10
731	20	6.10	10	25.40	771	30	9.14	15	38.10	811	24	7.32	10	25.40
732	25	7.62	10	25.40	772	25	7.62	10	25.40	812	31	9.45	14	35.56
733	25	7.62	10	25.40	773	30	9.14	12	30.48	813	30	9.14	11	27.94
734	25	7.62	10	25.40	774	20	6.10	10	25.40	814	25	7.62	12	30.48
735	32	9.75	19	48.26	775	25	7.62	12	30.48	815	31	9.45	18	45.72
736	25	7.62	13	33.02	776	20	6.10	10	25.40	816	32	9.75	11	27.94
737	16	4.88	11	27.94	777	25	7.62	11	27.94	817	20	6.10	12	30.48
738	18	5.49	10	25.40	778	25	7.62	11	27.94	818	21	6.40	10	25.40
739	25	7.62	11	27.94	779	24	7.32	11	27.94	819	30	9.14	11	27.94
740	30	9.14	14	35.56	780	32	9.75	25	63.50	820	30	9.14	13	33.02
741	12	3.66	10	25.40	781	20	6.10	10	25.40	821	35	10.67	16	40.64
742	25	7.62	14	35.56	782	45	13.72	20	50.80	822	30	9.14	14	35.56
743	25	7.62	12	30.48	783	40	12.19	18	45.72	823	18	5.49	11	27.94
744	25	7.62	11	27.94	784	30	9.14	11	27.94	824	25	7.62	10	25.40
745	25	7.62	10	25.40	785	25	7.62	10	25.40	825	21	6.40	10	25.40
746	30	9.14	13	33.02	786	20	6.10	10	25.40	826	31	9.45	18	45.72
747	22	6.71	10	25.40	787	30	9.14	16	40.64	827	34	10.36	14	35.56
748	30	9.14	14	35.56	788	35	10.67	17	43.18	828	25	7.62	10	25.40
749	28	8.53	11	27.94	789	20	6.10	10	25.40	829	20	6.10	10	25.40
750	25	7.62	13	33.02	790	25	7.62	10	25.40	830	30	9.14	14	35.56
751	20	6.10	12	30.48	791	25	7.62	12	30.48	831	35	10.67	14	35.56
752	30	9.14	12	30.48	792	30	9.14	12	30.48	832	30	9.14	18	45.72
753	26	7.92	16	40.64	793	30	9.14	11	27.94	833	25	7.62	10	25.40
754	18	5.49	10	25.40	794	21	6.40	10	25.40	834	30	9.14	15	38.10
755	25	7.62	10	25.40	795	19	5.79	10	25.40	835	31	9.45	11	27.94
756	20	6.10	10	25.40	796	25	7.62	12	30.48	836	24	7.32	10	25.40
757	20	6.10	10	25.40	797	20	6.10	10	25.40	837	30	9.14	12	30.48
758	20	6.10	10	25.40	798	30	9.14	16	40.64	838	31	9.45	10	25.40
759	25	7.62	11	27.94	799	31	9.45	13	33.02	839	25	7.62	10	25.40
760	20	6.10	10	25.40	800	22	6.71	11	27.94	840	24	7.32	10	25.40

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Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
841	23	7.01	10	25.40	881	31	9.45	12	30.48	921	20	6.10	10	25.40
842	20	6.10	12	30.48	882	20	6.10	11	27.94	922	22	6.71	10	25.40
843	32	9.75	12	30.48	883	30	9.14	20	50.80	923	24	7.32	11	27.94
844	31	9.45	13	33.02	884	24	7.32	10	25.40	924	20	6.10	10	25.40
845	25	7.62	10	25.40	885	20	6.10	10	25.40	925	30	9.14	18	45.72
846	25	7.62	12	30.48	886	19	5.79	12	30.48	926	31	9.45	15	38.10
847	29	8.84	12	30.48	887	20	6.10	10	25.40	927	30	9.14	16	40.64
848	30	9.14	11	27.94	888	20	6.10	10	25.40	928	35	10.67	14	35.56
849	31	9.45	10	25.40	889	20	6.10	10	25.40	929	28	8.53	11	27.94
850	30	9.14	13	33.02	890	22	6.71	14	35.56	930	30	9.14	16	40.64
851	35	10.67	12	30.48	891	23	7.01	12	30.48	931	27	8.23	13	33.02
852	18	5.49	11	27.94	892	28	8.53	18	45.72	932	25	7.62	10	25.40
853	25	7.62	10	25.40	893	25	7.62	11	27.94	933	35	10.67	13	33.02
854	19	5.79	10	25.40	894	20	6.10	10	25.40	934	32	9.75	12	30.48
855	24	7.32	11	27.94	895	22	6.71	12	30.48	935	30	9.14	11	27.94
856	25	7.62	15	38.10	896	20	6.10	10	25.40	936	24	7.32	11	27.94
857	41	12.50	22	55.88	897	30	9.14	11	27.94	937	33	10.06	13	33.02
858	15	4.57	10	25.40	898	25	7.62	13	33.02	938	31	9.45	12	30.48
859	38	11.58	12	30.48	899	20	6.10	10	25.40	939	38	11.58	22	55.88
860	30	9.14	18	45.72	900	30	9.14	16	40.64	940	21	6.40	10	25.40
861	35	10.67	14	35.56	901	31	9.45	14	35.56	941	20	6.10	10	25.40
862	25	7.62	10	25.40	902	24	7.32	11	27.94	942	24	7.32	11	27.94
863	24	7.32	13	33.02	903	34	10.36	16	40.64	943	23	7.01	12	30.48
864	31	9.45	15	38.10	904	25	7.62	10	25.40	944	23	7.01	10	25.40
865	25	7.62	10	25.40	905	25	7.62	15	38.10	945	24	7.32	11	27.94
866	30	9.14	16	40.64	906	31	9.45	13	33.02	946	19	5.79	10	25.40
867	40	12.19	14	35.56	907	25	7.62	13	33.02	947	18	5.49	10	25.40
868	30	9.14	16	40.64	908	18	5.49	10	25.40	948	23	7.01	12	30.48
869	25	7.62	11	27.94	909	30	9.14	14	35.56	949	19	5.79	10	25.40
870	38	11.58	14	35.56	910	31	9.45	13	33.02	950	31	9.45	15	38.10
871	25	7.62	12	30.48	911	30	9.14	15	38.10	951	25	7.62	11	27.94
872	24	7.32	10	25.40	912	19	5.79	10	25.40	952	24	7.32	11	27.94
873	25	7.62	12	30.48	913	20	6.10	10	25.40	953	24	7.32	10	25.40
874	32	9.75	13	33.02	914	18	5.49	10	25.40	954	30	9.14	14	35.56
875	30	9.14	11	27.94	915	28	8.53	12	30.48	955	27	8.23	13	33.02
876	20	6.10	10	25.40	916	45	13.72	25	63.50	956	26	7.92	14	35.56
877	25	7.62	10	25.40	917	37	11.28	13	33.02	957	31	9.45	16	40.64
878	30	9.14	12	30.48	918	30	9.14	13	33.02	958	27	8.23	13	33.02
879	35	10.67	20	50.80	919	42	12.80	13	33.02	959	25	7.62	10	25.40
880	25	7.62	11	27.94	920	30	9.14	14	35.56	960	35	10.67	13	33.02

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Shorea robusta/(Sal)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
961	32	9.75	12	30.48
962	30	9.14	11	27.94
963	27	8.23	11	27.94
964	25	7.62	13	33.02
965	35	10.67	12	30.48
966	35	10.67	22	55.88
967	32	9.75	10	25.40
968	30	9.14	10	25.40
969	24	7.32	11	27.94
970	33	10.06	12	30.48
971	31	9.45	10	25.40
972	38	11.58	11	27.94
973	21	6.40	10	25.40
974	20	6.10	10	25.40
975	24	7.32	12	30.48
976	23	7.01	10	25.40
977	23	7.01	15	38.10
978	24	7.32	11	27.94
979	19	5.79	11	27.94
980	18	5.49	10	25.40
981	23	7.01	14	35.56
982	19	5.79	13	33.02
983	31	9.45	14	35.56
984	24	7.32	16	40.64
985	24	7.32	16	40.64
986	30	9.14	17	43.18
987	27	8.23	12	30.48
988	26	7.92	14	35.56
989	31	9.45	16	40.64

Madhuca latifolia/(Mohua)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	25	7.62	10	25.40
3	23	7.01	10	25.40
4	25	7.62	15	38.10
5	35	10.67	18	45.72
6	25	7.62	13	33.02
7	20	6.10	13	33.02

Butea monosperma/(Palash)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

Buchanania lanzan/(Piyal)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	10	25.40
2	25	7.62	14	35.56
3	30	9.14	13	33.02
4	20	6.10	15	38.10
5	37	11.28	18	45.72

Cochlospermum religiosum/(Galgali)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	13	3.96	10	25.40
2	30	9.14	21	53.34

Semecarpas anacardium/(Vella)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48

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Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10	51	28	8.53	13	33.02	101	25	7.62	12	30.48
2	25	7.62	12	30.48	52	30	9.14	10	25.40	102	32	9.75	14	35.56
3	25	7.62	10	25.40	53	22	6.71	11	27.94	103	30	9.14	12	30.48
4	25	7.62	11	27.94	54	24	7.32	10	25.40	104	25	7.62	11	27.94
5	30	9.14	14	35.56	55	25	7.62	11	27.94	105	27	8.23	12	30.48
6	16	4.88	10	25.40	56	25	7.62	16	40.64	106	25	7.62	12	30.48
7	15	4.57	11	27.94	57	30	9.14	18	45.72	107	20	6.10	10	25.40
8	20	6.10	12	30.48	58	30	9.14	14	35.56	108	20	6.10	10	25.40
9	25	7.62	10	25.40	59	20	6.10	11	27.94	109	27	8.23	14	35.56
10	20	6.10	10	25.40	60	22	6.71	13	33.02	110	25	7.62	11	27.94
11	30	9.14	15	38.10	61	35	10.67	15	38.10	111	25	7.62	10	25.40
12	31	9.45	15	38.10	62	30	9.14	11	27.94	112	35	10.67	15	38.10
13	33	10.06	12	30.48	63	31	9.45	18	45.72	113	20	6.10	10	25.40
14	22	6.71	11	27.94	64	45	13.72	20	50.80	114	22	6.71	10	25.40
15	49	14.94	22	55.88	65	52	15.85	35	88.90	115	20	6.10	12	30.48
16	21	6.40	10	25.40	66	30	9.14	15	38.10	116	22	6.71	10	25.40
17	20	6.10	10	25.40	67	25	7.62	12	30.48	117	23	7.01	10	25.40
18	22	6.71	10	25.40	68	16	4.88	10	25.40	118	20	6.10	15	38.10
19	28	8.53	18	45.72	69	25	7.62	11	27.94	119	75	22.86	10	25.40
20	30	9.14	13	33.02	70	30	9.14	18	45.72	120	20	6.10	10	25.40
21	25	7.62	14	35.56	71	25	7.62	10	25.40	121	22	6.71	10	25.40
22	20	6.10	12	30.48	72	26	7.92	10	25.40	122	30	9.14	20	50.80
23	15	4.57	10	25.40	73	25	7.62	10	25.40	123	20	6.10	12	30.48
24	25	7.62	11	27.94	74	25	7.62	12	30.48	124	20	6.10	10	25.40
25	21	6.40	10	25.40	75	25	7.62	10	25.40	125	20	6.10	10	25.40
26	25	7.62	12	30.48	76	20	6.10	10	25.40	126	19	5.79	13	33.02
27	30	9.14	12	30.48	77	21	6.40	11	27.94	127	25	7.62	15	38.10
28	25	7.62	11	27.94	78	30	9.14	11	27.94	128	32	9.75	18	45.72
29	25	7.62	12	30.48	79	20	6.10	10	25.40	129	30	9.14	15	38.10
30	20	6.10	10	25.40	80	25	7.62	12	30.48	130	25	7.62	11	27.94
31	30	9.14	18	45.72	81	26	7.92	17	43.18	131	25	7.62	11	27.94
32	30	9.14	12	30.48	82	20	6.10	11	27.94	132	22	6.71	11	27.94
33	28	8.53	25	63.50	83	20	6.10	12	30.48	133	28	8.53	12	30.48
34	21	6.40	13	33.02	84	20	6.10	10	25.40	134	15	4.57	10	25.40
35	20	6.10	10	25.40	85	20	6.10	10	25.40	135	27	8.23	12	30.48
36	19	5.79	10	25.40	86	30	9.14	16	40.64	136	25	7.62	13	33.02
37	30	9.14	10	25.40	87	30	9.14	11	27.94	137	30	9.14	18	45.72
38	26	7.92	18	45.72	88	25	7.62	12	30.48	138	25	7.62	18	45.72
39	17	5.18	14	35.56	89	25	7.62	12	30.48	139	25	7.62	11	27.94
40	17	5.18	10	25.40	90	40	12.19	15	38.10	140	30	9.14	10	25.40
41	20	6.10	10	25.40	91	35	10.67	15	38.10	141	35	10.67	18	45.72
42	22	6.71	18	45.72	92	20	6.10	10	25.40	142	20	6.10	10	25.40
43	20	6.10	10	25.40	93	22	6.71	10	25.40	143	35	10.67	17	43.18
44	21	6.40	11	27.94	94	31	9.45	15	38.10	144	35	10.67	12	30.48
45	20	6.10	10	25.40	95	25	7.62	10	25.40	145	35	10.67	16	40.64
46	25	7.62	12	30.48	96	30	9.14	12	30.48	146	35	10.67	17	43.18
47	30	9.14	16	40.64	97	25	7.62	10	25.40	147	40	12.19	32	81.28
48	17	5.18	10	25.40	98	25	7.62	10	25.40	148	45	13.72	10	25.40
49	15	4.57	10	25.40	99	25	7.62	12	30.48	149	45	13.72	15	38.10
50	30	9.14	13	33.02	100	26	7.92	12	30.48	150	30	9.14	12	30.48

SUSUNIA

Shorea robusta/(Sal)													
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	40	12.19	20	50.80	201	21	6.40	11	27.94	251	25	7.62	11	27.94
152	27	8.23	10	25.40	202	30	9.14	13	33.02	252	20	6.10	10	25.40
153	20	6.10	10	25.40	203	35	10.67	18	45.72	253	32	9.75	14	35.56
154	32	9.75	18	45.72	204	40	12.19	19	48.26	254	20	6.10	13	33.02
155	23	7.01	10	25.40	205	25	7.62	12	30.48	255	30	9.14	10	25.40
156	24	7.32	12	30.48	206	25	7.62	14	35.56	256	25	7.62	14	35.56
157	25	7.62	11	27.94	207	20	6.10	10	25.40	257	26	7.92	12	30.48
158	26	7.92	11	27.94	208	20	6.10	10	25.40	258	25	7.62	12	30.48
159	15	4.57	10	25.40	209	19	5.79	10	25.40	259	25	7.62	10	25.40
160	15	4.57	12	30.48	210	25	7.62	10	25.40	260	25	7.62	13	33.02
161	32	9.75	13	33.02	211	30	9.14	14	35.56	261	40	12.19	22	55.88
162	20	6.10	10	25.40	212	30	9.14	11	27.94	262	40	12.19	17	43.18
163	15	4.57	10	25.40	213	20	6.10	10	25.40	263	45	13.72	32	81.28
164	30	9.14	13	33.02	214	22	6.71	10	25.40	264	25	7.62	10	25.40
165	30	9.14	15	38.10	215	25	7.62	10	25.40	265	25	7.62	12	30.48
166	15	4.57	10	25.40	216	26	7.92	12	30.48	266	20	6.10	10	25.40
167	20	6.10	12	30.48	217	30	9.14	14	35.56	267	20	6.10	10	25.40
168	34	10.36	18	45.72	218	25	7.62	13	33.02	268	25	7.62	12	30.48
169	30	9.14	19	48.26	219	30	9.14	12	30.48	269	35	10.67	17	43.18
170	15	4.57	10	25.40	220	30	9.14	14	35.56	270	35	10.67	17	43.18
171	25	7.62	12	30.48	221	32	9.75	12	30.48	271	25	7.62	11	27.94
172	25	7.62	10	25.40	222	40	12.19	14	35.56	272	25	7.62	11	27.94
173	20	6.10	12	30.48	223	20	6.10	10	25.40	273	26	7.92	11	27.94
174	20	6.10	10	25.40	224	30	9.14	12	30.48	274	27	8.23	11	27.94
175	25	7.62	10	25.40	225	32	9.75	12	30.48	275	30	9.14	10	25.40
176	25	7.62	12	30.48	226	33	10.06	13	33.02	276	25	7.62	10	25.40
177	26	7.92	12	30.48	227	30	9.14	11	27.94	277	25	7.62	12	30.48
178	30	9.14	12	30.48	228	31	9.45	18	45.72	278	25	7.62	10	25.40
179	32	9.75	13	33.02	229	30	9.14	13	33.02	279	26	7.92	10	25.40
180	30	9.14	13	33.02	230	26	7.92	10	25.40	280	27	8.23	11	27.94
181	22	6.71	10	25.40	231	30	9.14	14	35.56	281	16	4.88	10	25.40
182	20	6.10	10	25.40	232	20	6.10	10	25.40	282	22	6.71	10	25.40
183	30	9.14	13	33.02	233	30	9.14	12	30.48	283	30	9.14	11	27.94
184	25	7.62	13	33.02	234	30	9.14	15	38.10	284	22	6.71	10	25.40
185	30	9.14	12	30.48	235	35	10.67	22	55.88	285	30	9.14	11	27.94
186	25	7.62	11	27.94	236	46	14.02	20	50.80	286	35	10.67	17	43.18
187	26	7.92	13	33.02	237	20	6.10	10	25.40	287	18	5.49	35	88.90
188	27	8.23	10	25.40	238	20	6.10	10	25.40	288	25	7.62	11	27.94
189	25	7.62	10	25.40	239	25	7.62	11	27.94	289	27	8.23	10	25.40
190	25	7.62	16	40.64	240	12	3.66	30	76.20	290	28	8.53	12	30.48
191	21	6.40	14	35.56	241	31	9.45	14	35.56	291	50	15.24	18	45.72
192	26	7.92	10	25.40	242	25	7.62	12	30.48	292	52	15.85	20	50.80
193	24	7.32	10	25.40	243	25	7.62	12	30.48	293	32	9.75	20	50.80
194	25	7.62	10	25.40	244	30	9.14	17	43.18	294	30	9.14	16	40.64
195	26	7.92	17	43.18	245	35	10.67	15	38.10	295	31	9.45	16	40.64
196	26	7.92	15	38.10	246	25	7.62	13	33.02	296	45	13.72	19	48.26
197	25	7.62	10	25.40	247	26	7.92	12	30.48	297	50	15.24	20	50.80
198	22	6.71	12	30.48	248	30	9.14	14	35.56	298	25	7.62	10	25.40
199	19	5.79	14	35.56	249	25	7.62	12	30.48	299	25	7.62	12	30.48
200	20	6.10	13	33.02	250	27	8.23	12	30.48	300	30	9.14	12	30.48

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Shorea robusta/(Sal)													
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	25	7.62	14	35.56	351	26	7.92	10	25.40	401	20	6.10	10	25.40
302	36	10.97	13	33.02	352	26	7.92	10	25.40	402	30	9.14	12	30.48
303	26	7.92	12	30.48	353	30	9.14	14	35.56	403	19	5.79	12	30.48
304	26	7.92	10	25.40	354	25	7.62	10	25.40	404	20	6.10	12	30.48
305	25	7.62	11	27.94	355	20	6.10	11	27.94	405	30	9.14	10	25.40
306	19	5.79	12	30.48	356	20	6.10	12	30.48	406	30	9.14	12	30.48
307	20	6.10	18	45.72	357	30	9.14	15	38.10	407	30	9.14	10	25.40
308	24	7.32	12	30.48	358	22	6.71	12	30.48	408	30	9.14	15	38.10
309	35	10.67	11	27.94	359	20	6.10	10	25.40	409	30	9.14	11	27.94
310	25	7.62	12	30.48	360	20	6.10	12	30.48	410	30	9.14	12	30.48
311	30	9.14	14	35.56	361	40	12.19	17	43.18	411	20	6.10	10	25.40
312	25	7.62	12	30.48	362	20	6.10	15	38.10	412	20	6.10	10	25.40
313	24	7.32	11	27.94	363	25	7.62	11	27.94	413	22	6.71	12	30.48
314	25	7.62	12	30.48	364	26	7.92	16	40.64	414	34	10.36	18	45.72
315	30	9.14	12	30.48	365	30	9.14	16	40.64	415	45	13.72	22	55.88
316	25	7.62	11	27.94	366	20	6.10	10	25.40	416	40	12.19	28	71.12
317	25	7.62	12	30.48	367	20	6.10	12	30.48	417	48	14.63	12	30.48
318	21	6.40	12	30.48	368	22	6.71	12	30.48	418	20	6.10	18	45.72
319	30	9.14	12	30.48	369	20	6.10	10	25.40	419	30	9.14	18	45.72
320	30	9.14	11	27.94	370	45	13.72	16	40.64	420	32	9.75	10	25.40
321	25	7.62	11	27.94	371	30	9.14	16	40.64	421	25	7.62	14	35.56
322	25	7.62	11	27.94	372	35	10.67	17	43.18	422	30	9.14	14	35.56
323	20	6.10	11	27.94	373	20	6.10	14	35.56	423	30	9.14	16	40.64
324	20	6.10	12	30.48	374	30	9.14	14	35.56	424	35	10.67	18	45.72
325	20	6.10	10	25.40	375	25	7.62	10	25.40	425	20	6.10	11	27.94
326	20	6.10	10	25.40	376	25	7.62	10	25.40	426	20	6.10	13	33.02
327	22	6.71	10	25.40	377	26	7.92	10	25.40	427	20	6.10	10	25.40
328	30	9.14	11	27.94	378	30	9.14	13	33.02	428	30	9.14	10	25.40
329	20	6.10	10	25.40	379	30	9.14	12	30.48	429	27	8.23	17	43.18
330	30	9.14	12	30.48	380	40	12.19	15	38.10	430	28	8.53	15	38.10
331	25	7.62	10	25.40	381	25	7.62	10	25.40	431	20	6.10	10	25.40
332	25	7.62	10	25.40	382	25	7.62	13	33.02	432	20	6.10	10	25.40
333	26	7.92	10	25.40	383	26	7.92	12	30.48	433	30	9.14	20	50.80
334	30	9.14	18	45.72	384	27	8.23	10	25.40	434	20	6.10	11	27.94
335	20	6.10	10	25.40	385	24	7.32	10	25.40	435	20	6.10	12	30.48
336	22	6.71	10	25.40	386	25	7.62	10	25.40	436	20	6.10	10	25.40
337	26	7.92	15	38.10	387	30	9.14	10	25.40	437	20	6.10	12	30.48
338	26	7.92	12	30.48	388	16	4.88	10	25.40	438	30	9.14	20	50.80
339	20	6.10	10	25.40	389	25	7.62	12	30.48	439	30	9.14	11	27.94
340	22	6.71	10	25.40	390	35	10.67	15	38.10	440	25	7.62	11	27.94
341	20	6.10	10	25.40	391	25	7.62	10	25.40	441	25	7.62	12	30.48
342	25	7.62	10	25.40	392	25	7.62	10	25.40	442	25	7.62	13	33.02
343	25	7.62	10	25.40	393	30	9.14	14	35.56	443	25	7.62	10	25.40
344	26	7.92	10	25.40	394	25	7.62	16	40.64	444	30	9.14	16	40.64
345	26	7.92	14	35.56	395	20	6.10	13	33.02	445	25	7.62	10	25.40
346	27	8.23	13	33.02	396	25	7.62	10	25.40	446	20	6.10	11	27.94
347	20	6.10	13	33.02	397	20	6.10	11	27.94	447	20	6.10	11	27.94
348	30	9.14	15	38.10	398	20	6.10	12	30.48	448	20	6.10	11	27.94
349	24	7.32	16	40.64	399	20	6.10	12	30.48	449	30	9.14	14	35.56
350	35	10.67	18	45.72	400	25	7.62	10	25.40	450	25	7.62	11	27.94

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Shorea robusta/(Sal)													
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	30	9.14	13	33.02	501	20	6.10	10	25.40	551	25	7.62	10	25.40
452	20	6.10	10	25.40	502	20	6.10	10	25.40	552	27	8.23	12	30.48
453	35	10.67	14	35.56	503	25	7.62	12	30.48	553	11	3.35	13	33.02
454	25	7.62	13	33.02	504	45	13.72	11	27.94	554	20	6.10	10	25.40
455	25	7.62	11	27.94	505	35	10.67	18	45.72	555	20	6.10	10	25.40
456	25	7.62	13	33.02	506	25	7.62	17	43.18	556	25	7.62	11	27.94
457	25	7.62	13	33.02	507	25	7.62	12	30.48	557	25	7.62	12	30.48
458	40	12.19	16	40.64	508	30	9.14	12	30.48	558	25	7.62	10	25.40
459	30	9.14	13	33.02	509	25	7.62	12	30.48	559	26	7.92	11	27.94
460	32	9.75	11	27.94	510	20	6.10	10	25.40	560	27	8.23	11	27.94
461	25	7.62	11	27.94	511	23	7.01	15	38.10	561	31	9.45	24	60.96
462	25	7.62	11	27.94	512	24	7.32	16	40.64	562	25	7.62	10	25.40
463	20	6.10	10	25.40	513	24	7.32	12	30.48	563	26	7.92	10	25.40
464	20	6.10	16	40.64	514	20	6.10	10	25.40	564	25	7.62	10	25.40
465	22	6.71	13	33.02	515	20	6.10	12	30.48	565	20	6.10	10	25.40
466	30	9.14	18	45.72	516	20	6.10	13	33.02	566	25	7.62	12	30.48
467	32	9.75	20	50.80	517	20	6.10	10	25.40	567	25	7.62	11	27.94
468	32	9.75	10	25.40	518	30	9.14	13	33.02	568	26	7.92	11	27.94
469	18	5.49	12	30.48	519	30	9.14	12	30.48	569	28	8.53	11	27.94
470	18	5.49	14	35.56	520	30	9.14	13	33.02	570	20	6.10	11	27.94
471	30	9.14	14	35.56	521	30	9.14	13	33.02	571	25	7.62	10	25.40
472	30	9.14	10	25.40	522	30	9.14	12	30.48	572	25	7.62	10	25.40
473	20	6.10	10	25.40	523	32	9.75	13	33.02	573	26	7.92	12	30.48
474	20	6.10	11	27.94	524	18	5.49	10	25.40	574	14	4.27	30	76.20
475	40	12.19	26	66.04	525	30	9.14	13	33.02	575	40	12.19	20	50.80
476	20	6.10	10	25.40	526	30	9.14	12	30.48	576	40	12.19	20	50.80
477	20	6.10	10	25.40	527	22	6.71	10	25.40	577	15	4.57	30	76.20
478	20	6.10	10	25.40	528	30	9.14	11	27.94	578	47	14.33	22	55.88
479	20	6.10	10	25.40	529	25	7.62	11	27.94	579	45	13.72	24	60.96
480	40	12.19	19	48.26	530	25	7.62	11	27.94	580	25	7.62	12	30.48
481	40	12.19	21	53.34	531	20	6.10	12	30.48	581	25	7.62	11	27.94
482	32	9.75	18	45.72	532	30	9.14	12	30.48	582	30	9.14	13	33.02
483	21	6.40	12	30.48	533	30	9.14	14	35.56	583	30	9.14	12	30.48
484	20	6.10	15	38.10	534	30	9.14	15	38.10	584	32	9.75	13	33.02
485	35	10.67	18	45.72	535	20	6.10	10	25.40	585	35	10.67	14	35.56
486	30	9.14	14	35.56	536	30	9.14	15	38.10	586	30	9.14	20	50.80
487	20	6.10	10	25.40	537	31	9.45	16	40.64	587	30	9.14	13	33.02
488	20	6.10	15	38.10	538	20	6.10	11	27.94	588	20	6.10	12	30.48
489	15	4.57	10	25.40	539	19	5.79	16	40.64	589	25	7.62	14	35.56
490	25	7.62	11	27.94	540	20	6.10	10	25.40	590	30	9.14	14	35.56
491	26	7.92	13	33.02	541	20	6.10	10	25.40	591	35	10.67	13	33.02
492	25	7.62	14	35.56	542	25	7.62	11	27.94	592	36	10.97	13	33.02
493	30	9.14	14	35.56	543	36	10.97	11	27.94	593	25	7.62	12	30.48
494	26	7.92	12	30.48	544	40	12.19	15	38.10	594	25	7.62	15	38.10
495	25	7.62	10	25.40	545	20	6.10	11	27.94	595	19	5.79	10	25.40
496	32	9.75	16	40.64	546	20	6.10	10	25.40	596	17	5.18	12	30.48
497	26	7.92	10	25.40	547	25	7.62	10	25.40	597	35	10.67	18	45.72
498	24	7.32	10	25.40	548	20	6.10	10	25.40	598	22	6.71	10	25.40
499	30	9.14	14	35.56	549	20	6.10	10	25.40	599	20	6.10	10	25.40
500	30	9.14	16	40.64	550	20	6.10	10	25.40	600	20	6.10	12	30.48

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Shorea robusta/(Sal)													
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	32	9.75	14	35.56	651	25	7.62	10	25.40	701	20	6.10	12	30.48
602	26	7.92	12	30.48	652	15	4.57	13	33.02	702	24	7.32	14	35.56
603	20	6.10	10	25.40	653	30	9.14	11	27.94	703	24	7.32	15	38.10
604	20	6.10	11	27.94	654	20	6.10	10	25.40	704	26	7.92	11	27.94
605	35	10.67	14	35.56	655	20	6.10	10	25.40	705	25	7.62	11	27.94
606	30	9.14	22	55.88	656	32	9.75	11	27.94	706	24	7.32	10	25.40
607	30	9.14	18	45.72	657	25	7.62	12	30.48	707	26	7.92	10	25.40
608	18	5.49	12	30.48	658	25	7.62	12	30.48	708	25	7.62	10	25.40
609	20	6.10	10	25.40	659	25	7.62	13	33.02	709	25	7.62	18	45.72
610	30	9.14	11	27.94	660	35	10.67	13	33.02	710	25	7.62	11	27.94
611	30	9.14	13	33.02	661	25	7.62	11	27.94	711	22	6.71	10	25.40
612	20	6.10	12	30.48	662	14	4.27	10	25.40	712	35	10.67	17	43.18
613	20	6.10	10	25.40	663	20	6.10	11	27.94	713	36	10.97	18	45.72
614	20	6.10	11	27.94	664	20	6.10	11	27.94	714	23	7.01	10	25.40
615	25	7.62	12	30.48	665	20	6.10	10	25.40	715	43	13.11	24	60.96
616	25	7.62	16	40.64	666	24	7.32	10	25.40	716	35	10.67	26	66.04
617	25	7.62	10	25.40	667	27	8.23	13	33.02	717	25	7.62	12	30.48
618	26	7.92	10	25.40	668	25	7.62	12	30.48	718	25	7.62	12	30.48
619	25	7.62	10	25.40	669	25	7.62	10	25.40	719	20	6.10	15	38.10
620	20	6.10	10	25.40	670	25	7.62	17	43.18	720	30	9.14	15	38.10
621	21	6.40	13	33.02	671	20	6.10	14	35.56	721	30	9.14	12	30.48
622	21	6.40	10	25.40	672	20	6.10	10	25.40	722	32	9.75	22	55.88
623	25	7.62	12	30.48	673	20	6.10	10	25.40	723	40	12.19	26	66.04
624	25	7.62	12	30.48	674	25	7.62	16	40.64	724	25	7.62	12	30.48
625	26	7.92	12	30.48	675	25	7.62	12	30.48	725	25	7.62	12	30.48
626	25	7.62	10	25.40	676	25	7.62	13	33.02	726	26	7.92	15	38.10
627	19	5.79	12	30.48	677	25	7.62	11	27.94	727	30	9.14	15	38.10
628	27	8.23	11	27.94	678	25	7.62	12	30.48	728	30	9.14	16	40.64
629	20	6.10	11	27.94	679	20	6.10	10	25.40	729	32	9.75	12	30.48
630	30	9.14	11	27.94	680	15	4.57	10	25.40	730	20	6.10	14	35.56
631	30	9.14	11	27.94	681	34	10.36	18	45.72	731	20	6.10	14	35.56
632	20	6.10	10	25.40	682	35	10.67	25	63.50	732	20	6.10	12	30.48
633	19	5.79	11	27.94	683	25	7.62	10	25.40	733	20	6.10	10	25.40
634	22	6.71	12	30.48	684	35	10.67	10	25.40	734	25	7.62	12	30.48
635	25	7.62	13	33.02	685	25	7.62	10	25.40	735	20	6.10	11	27.94
636	35	10.67	20	50.80	686	30	9.14	13	33.02	736	21	6.40	11	27.94
637	27	8.23	12	30.48	687	25	7.62	10	25.40	737	20	6.10	10	25.40
638	13	3.96	10	25.40	688	20	6.10	15	38.10	738	20	6.10	10	25.40
639	30	9.14	14	35.56	689	20	6.10	10	25.40	739	15	4.57	15	38.10
640	20	6.10	14	35.56	690	20	6.10	15	38.10	740	25	7.62	12	30.48
641	25	7.62	16	40.64	691	20	6.10	10	25.40	741	25	7.62	12	30.48
642	30	9.14	12	30.48	692	25	7.62	12	30.48	742	30	9.14	14	35.56
643	25	7.62	10	25.40	693	25	7.62	10	25.40	743	30	9.14	10	25.40
644	25	7.62	12	30.48	694	20	6.10	10	25.40	744	30	9.14	16	40.64
645	20	6.10	10	25.40	695	25	7.62	10	25.40	745	25	7.62	12	30.48
646	20	6.10	12	30.48	696	30	9.14	11	27.94	746	20	6.10	10	25.40
647	30	9.14	12	30.48	697	30	9.14	16	40.64	747	25	7.62	12	30.48
648	30	9.14	12	30.48	698	25	7.62	11	27.94	748	30	9.14	16	40.64
649	30	9.14	12	30.48	699	25	7.62	10	25.40	749	32	9.75	16	40.64
650	30	9.14	16	40.64	700	25	7.62	10	25.40	750	22	6.71	11	27.94

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Shorea robusta/(Sal)														
Sl.No.	Height		Girth		Sl.No.	Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
751	20	6.10	11	27.94	801	26	7.92	11	27.94	851	25	7.62	12	30.48
752	20	6.10	12	30.48	802	20	6.10	10	25.40	852	20	6.10	10	25.40
753	25	7.62	10	25.40	803	25	7.62	10	25.40	853	20	6.10	10	25.40
754	25	7.62	10	25.40	804	20	6.10	11	27.94	854	20	6.10	11	27.94
755	25	7.62	12	30.48	805	30	9.14	14	35.56	855	35	10.67	17	43.18
756	30	9.14	10	25.40	806	30	9.14	12	30.48	856	25	7.62	11	27.94
757	20	6.10	10	25.40	807	25	7.62	10	25.40	857	25	7.62	10	25.40
758	30	9.14	14	35.56	808	25	7.62	14	35.56	858	25	7.62	11	27.94
759	30	9.14	10	25.40	809	25	7.62	14	35.56	859	25	7.62	11	27.94
760	25	7.62	14	35.56	810	30	9.14	11	27.94	860	25	7.62	13	33.02
761	30	9.14	13	33.02	811	36	10.97	13	33.02	861	23	7.01	11	27.94
762	25	7.62	12	30.48	812	25	7.62	16	40.64	862	28	8.53	14	35.56
763	25	7.62	12	30.48	813	25	7.62	16	40.64	863	29	8.84	14	35.56
764	30	9.14	11	27.94	814	25	7.62	15	38.10	864	29	8.84	15	38.10
765	30	9.14	11	27.94	815	20	6.10	12	30.48	865	23	7.01	16	40.64
766	30	9.14	11	27.94	816	20	6.10	15	38.10	866	30	9.14	12	30.48
767	25	7.62	13	33.02	817	25	7.62	13	33.02	867	30	9.14	12	30.48
768	30	9.14	10	25.40	818	30	9.14	14	35.56	868	36	10.97	15	38.10
769	30	9.14	10	25.40	819	25	7.62	15	38.10	869	23	7.01	15	38.10
770	20	6.10	13	33.02	820	25	7.62	15	38.10	870	30	9.14	12	30.48
771	25	7.62	10	25.40	821	20	6.10	16	40.64	871	30	9.14	12	30.48
772	25	7.62	10	25.40	822	20	6.10	12	30.48	872	30	9.14	10	25.40
773	25	7.62	10	25.40	823	35	10.67	12	30.48	873	25	7.62	14	35.56
774	25	7.62	11	27.94	824	30	9.14	14	35.56	874	25	7.62	17	43.18
775	30	9.14	10	25.40	825	30	9.14	11	27.94	875	25	7.62	12	30.48
776	30	9.14	13	33.02	826	25	7.62	14	35.56	876	30	9.14	13	33.02
777	20	6.10	13	33.02	827	25	7.62	14	35.56	877	30	9.14	13	33.02
778	30	9.14	10	25.40	828	30	9.14	15	38.10	878	20	6.10	12	30.48
779	20	6.10	14	35.56	829	25	7.62	12	30.48	879	30	9.14	10	25.40
780	20	6.10	10	25.40	830	25	7.62	11	27.94	880	25	7.62	18	45.72
781	20	6.10	10	25.40	831	30	9.14	11	27.94	881	28	8.53	11	27.94
782	20	6.10	10	25.40	832	30	9.14	11	27.94	882	30	9.14	11	27.94
783	25	7.62	10	25.40	833	30	9.14	12	30.48	883	30	9.14	14	35.56
784	20	6.10	13	33.02	834	30	9.14	12	30.48	884	20	6.10	15	38.10
785	15	4.57	10	25.40	835	25	7.62	13	33.02	885	30	9.14	10	25.40
786	20	6.10	10	25.40	836	25	7.62	10	25.40	886	30	9.14	13	33.02
787	25	7.62	10	25.40	837	20	6.10	10	25.40	887	30	9.14	13	33.02
788	25	7.62	13	33.02	838	15	4.57	10	25.40	888	30	9.14	15	38.10
789	25	7.62	10	25.40	839	18	5.49	10	25.40	889	25	7.62	11	27.94
790	18	5.49	10	25.40	840	20	6.10	18	45.72	890	30	9.14	12	30.48
791	20	6.10	10	25.40	841	25	7.62	10	25.40	891	20	6.10	13	33.02
792	30	9.14	16	40.64	842	30	9.14	14	35.56	892	30	9.14	14	35.56
793	33	10.06	16	40.64	843	30	9.14	15	38.10	893	25	7.62	10	25.40
794	28	8.53	13	33.02	844	20	6.10	10	25.40	894	25	7.62	12	30.48
795	25	7.62	13	33.02	845	20	6.10	10	25.40	895	25	7.62	10	25.40
796	30	9.14	11	27.94	846	20	6.10	10	25.40	896	30	9.14	14	35.56
797	20	6.10	10	25.40	847	25	7.62	10	25.40	897	20	6.10	10	25.40
798	20	6.10	10	25.40	848	25	7.62	10	25.40	898	25	7.62	11	27.94
799	20	6.10	10	25.40	849	25	7.62	13	33.02	899	20	6.10	10	25.40
800	30	9.14	16	40.64	850	25	7.62	13	33.02	900	20	6.10	10	25.40

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Shorea robusta/(Sal)														
Sl.No.	Height		Girth			Height		Girth		Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)	Sl.No.	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
901	20	6.10	10	25.40	951	25	7.62	10	25.40	1001	20	6.10	10	25.40
902	30	9.14	14	35.56	952	30	9.14	10	25.40	1002	20	6.10	10	25.40
903	25	7.62	10	25.40	953	30	9.14	13	33.02	1003	25	7.62	12	30.48
904	20	6.10	10	25.40	954	30	9.14	13	33.02	1004	25	7.62	12	30.48
905	30	9.14	11	27.94	955	25	7.62	10	25.40	1005	30	9.14	14	35.56
906	25	7.62	10	25.40	956	30	9.14	12	30.48	1006	20	6.10	10	25.40
907	30	9.14	16	40.64	957	15	4.57	10	25.40	1007	20	6.10	10	25.40
908	20	6.10	10	25.40	958	30	9.14	10	25.40	1008	30	9.14	14	35.56
909	25	7.62	12	30.48	959	25	7.62	11	27.94	1009	25	7.62	11	27.94
910	20	6.10	10	25.40	960	25	7.62	11	27.94	1010	25	7.62	12	30.48
911	25	7.62	15	38.10	961	25	7.62	11	27.94	1011	25	7.62	10	25.40
912	25	7.62	12	30.48	962	25	7.62	12	30.48	1012	25	7.62	10	25.40
913	25	7.62	11	27.94	963	25	7.62	12	30.48	1013	25	7.62	12	30.48
914	25	7.62	12	30.48	964	25	7.62	11	27.94	1014	20	6.10	10	25.40
915	22	6.71	10	25.40	965	20	6.10	10	25.40	1015	20	6.10	10	25.40
916	20	6.10	10	25.40	966	20	6.10	10	25.40	1016	25	7.62	10	25.40
917	20	6.10	10	25.40	967	25	7.62	13	33.02	1017	25	7.62	10	25.40
918	20	6.10	10	25.40	968	30	9.14	11	27.94	1018	25	7.62	12	30.48
919	30	9.14	15	38.10	969	30	9.14	11	27.94	1019	25	7.62	12	30.48
920	30	9.14	14	35.56	970	30	9.14	11	27.94	1020	25	7.62	12	30.48
921	25	7.62	11	27.94	971	25	7.62	12	30.48	1021	30	9.14	11	27.94
922	25	7.62	11	27.94	972	20	6.10	10	25.40	1022	20	6.10	10	25.40
923	25	7.62	10	25.40	973	30	9.14	13	33.02	1023	30	9.14	11	27.94
924	25	7.62	12	30.48	974	30	9.14	11	27.94	1024	20	6.10	10	25.40
925	30	9.14	11	27.94	975	30	9.14	14	35.56					
926	30	9.14	10	25.40	976	30	9.14	11	27.94					
927	30	9.14	10	25.40	977	19	5.79	10	25.40					
928	30	9.14	15	38.10	978	19	5.79	10	25.40					
929	30	9.14	14	35.56	979	30	9.14	14	35.56					
930	30	9.14	14	35.56	980	25	7.62	12	30.48					
931	25	7.62	10	25.40	981	25	7.62	10	25.40					
932	30	9.14	12	30.48	982	20	6.10	10	25.40					
933	30	9.14	11	27.94	983	20	6.10	10	25.40					
934	25	7.62	12	30.48	984	16	4.88	10	25.40					
935	25	7.62	12	30.48	985	30	9.14	11	27.94					
936	25	7.62	12	30.48	986	20	6.10	10	25.40					
937	20	6.10	10	25.40	987	20	6.10	10	25.40					
938	20	6.10	10	25.40	988	25	7.62	12	30.48					
939	25	7.62	11	27.94	989	30	9.14	12	30.48					
940	25	7.62	11	27.94	990	30	9.14	17	43.18					
941	25	7.62	10	25.40	991	30	9.14	15	38.10					
942	25	7.62	11	27.94	992	25	7.62	10	25.40					
943	25	7.62	10	25.40	993	25	7.62	10	25.40					
944	30	9.14	14	35.56	994	20	6.10	10	25.40					
945	30	9.14	14	35.56	995	20	6.10	10	25.40					
946	30	9.14	14	35.56	996	25	7.62	10	25.40					
947	30	9.14	13	33.02	997	30	9.14	16	40.64					
948	30	9.14	17	43.18	998	25	7.62	10	25.40					
949	35	10.67	12	30.48	999	30	9.14	15	38.10					
950	30	9.14	10	25.40	1000	25	7.62	10	25.40					

Semecarpasan acardium/(Vella)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	20	6.10	10	25.40

Acacia catechu/(Khayer)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	10	25.40

Cochlospermum religiosum/(Galgali)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02

Lannea coromandelica/(Geol/Doka)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

Madhuca latifolia/(Mohua)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94
2	25	7.62	10	25.40
3	24	7.32	11	27.94
4	25	7.62	10	25.40
5	20	6.10	10	25.40
6	25	7.62	13	33.02
7	20	6.10	13	33.02
8	24	7.32	12	30.48
9	26	7.92	12	30.48
10	26	7.92	14	35.56
11	25	7.62	12	30.48

Buchanania lanzan/(Piyal)				
Sl.No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	30	9.14	13	33.02
3	20	6.10	10	25.40
4	20	6.10	10	25.40
5	25	7.62	13	33.02

Aegle mermalos/(Bel)				
	Height		Girth	
Sl.No.	(ft)	(m)	(inch)	(cm)
	25	7.62	12	30.48
1	20	6.10	13	33.02
2	20	6.10	12	30.48
3	25	7.62	14	35.56
4	25	7.62	10	25.40
5	25	7.62	12	30.48
6	16	4.88	10	25.40

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***Shorea robusta*/(Sal)**

Sl.No	Height		Girth		Sl.No	Height		Girth		Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	35	10.67	15	38.10	54	35	10.67	18	45.72	107	40	12.19	20	50.80
2	20	6.10	10	25.40	55	20	6.10	10	25.40	108	27	8.23	10	25.40
3	22	6.71	10	25.40	56	35	10.67	17	43.18	109	20	6.10	10	25.40
4	31	9.45	15	38.10	57	35	10.67	12	30.48	110	32	9.75	18	45.72
5	25	7.62	10	25.40	58	35	10.67	16	40.64	111	23	7.01	10	25.40
6	30	9.14	12	30.48	59	35	10.67	17	43.18	112	24	7.32	12	30.48
7	25	7.62	10	25.40	60	40	12.19	32	81.28	113	25	7.62	11	27.94
8	25	7.62	10	25.40	61	45	13.72	10	25.40	114	26	7.92	11	27.94
9	25	7.62	12	30.48	62	45	13.72	15	38.10	115	15	4.57	10	25.40
10	26	7.92	12	30.48	63	30	9.14	12	30.48	116	15	4.57	12	30.48
11	30	9.14	14	35.56	64	40	12.19	22	55.88	117	30	9.14	14	35.56
12	30	9.14	11	27.94	65	40	12.19	17	43.18	118	25	7.62	12	30.48
13	20	6.10	10	25.40	66	45	13.72	32	81.28	119	24	7.32	11	27.94
14	22	6.71	10	25.40	67	25	7.62	10	25.40	120	25	7.62	12	30.48
15	25	7.62	10	25.40	68	25	7.62	12	30.48	121	30	9.14	12	30.48
16	26	7.92	12	30.48	69	20	6.10	10	25.40	122	25	7.62	11	27.94
17	30	9.14	14	35.56	70	20	6.10	10	25.40	123	25	7.62	12	30.48
18	25	7.62	13	33.02	71	25	7.62	12	30.48	124	21	6.40	12	30.48
19	30	9.14	12	30.48	72	35	10.67	17	43.18	125	30	9.14	12	30.48
20	30	9.14	14	35.56	73	35	10.67	17	43.18	126	30	9.14	11	27.94
21	32	9.75	12	30.48	74	25	7.62	11	27.94	127	25	7.62	11	27.94
22	40	12.19	14	35.56	75	25	7.62	11	27.94	128	25	7.62	11	27.94
23	20	6.10	10	25.40	76	26	7.92	11	27.94	129	20	6.10	11	27.94
24	30	9.14	12	30.48	77	27	8.23	11	27.94	130	20	6.10	12	30.48
25	32	9.75	12	30.48	78	30	9.14	10	25.40	131	20	6.10	10	25.40
26	33	10.06	13	33.02	79	25	7.62	10	25.40	132	20	6.10	10	25.40
27	30	9.14	11	27.94	80	25	7.62	12	30.48	133	22	6.71	10	25.40
28	31	9.45	18	45.72	81	25	7.62	10	25.40	134	30	9.14	11	27.94
29	30	9.14	13	33.02	82	26	7.92	10	25.40	135	20	6.10	10	25.40
30	26	7.92	10	25.40	83	27	8.23	11	27.94	136	30	9.14	12	30.48
31	30	9.14	14	35.56	84	16	4.88	10	25.40	137	25	7.62	10	25.40
32	20	6.10	10	25.40	85	22	6.71	10	25.40	138	25	7.62	10	25.40
33	30	9.14	12	30.48	86	30	9.14	11	27.94	139	26	7.92	10	25.40
34	30	9.14	15	38.10	87	22	6.71	10	25.40	140	30	9.14	18	45.72
35	35	10.67	22	55.88	88	30	9.14	11	27.94	141	20	6.10	10	25.40
36	46	14.02	20	50.80	89	35	10.67	17	43.18	142	22	6.71	10	25.40
37	20	6.10	10	25.40	90	18	5.49	35	88.90	143	26	7.92	15	38.10
38	20	6.10	10	25.40	91	25	7.62	11	27.94	144	26	7.92	12	30.48
39	25	7.62	11	27.94	92	27	8.23	10	25.40	145	20	6.10	10	25.40
40	12	3.66	30	76.20	93	28	8.53	12	30.48	146	22	6.71	10	25.40
41	25	7.62	12	30.48	94	26	7.92	12	30.48	147	26	7.92	12	30.48
42	20	6.10	10	25.40	95	25	7.62	10	25.40	148	30	9.14	14	35.56
43	25	7.62	12	30.48	96	32	9.75	16	40.64	149	25	7.62	12	30.48
44	30	9.14	16	40.64	97	26	7.92	10	25.40	150	27	8.23	12	30.48
45	32	9.75	16	40.64	98	24	7.32	10	25.40	151	21	6.40	14	35.56
46	22	6.71	11	27.94	99	30	9.14	14	35.56	152	26	7.92	10	25.40
47	20	6.10	10	25.40	100	30	9.14	16	40.64	153	24	7.32	10	25.40
48	30	9.14	16	40.64	101	31	9.45	14	35.56	154	25	7.62	14	35.56
49	33	10.06	16	40.64	102	25	7.62	12	30.48	155	20	6.10	11	27.94
50	28	8.53	13	33.02	103	25	7.62	12	30.48	156	20	6.10	12	30.48
51	26	7.92	13	33.02	104	30	9.14	17	43.18	157	20	6.10	12	30.48
52	25	7.62	14	35.56	105	35	10.67	15	38.10	158	25	7.62	10	25.40
53	30	9.14	14	35.56	106	25	7.62	13	33.02	159	20	6.10	10	25.40

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Shorea robusta/(Sal)														
Sl.No	Height		Girth		Sl.No	Height		Girth		Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
160	21	6.40	11	27.94	213	25	7.62	11	27.94	266	25	7.62	14	35.56
161	30	9.14	13	33.02	214	20	6.10	10	25.40	267	36	10.97	13	33.02
162	35	10.67	18	45.72	215	32	9.75	14	35.56	268	26	7.92	12	30.48
163	40	12.19	19	48.26	216	20	6.10	13	33.02	269	26	7.92	10	25.40
164	25	7.62	12	30.48	217	30	9.14	10	25.40	270	25	7.62	11	27.94
165	25	7.62	14	35.56	218	25	7.62	14	35.56	271	19	5.79	12	30.48
166	20	6.10	10	25.40	219	26	7.92	12	30.48	272	20	6.10	18	45.72
167	20	6.10	10	25.40	220	25	7.62	12	30.48	273	24	7.32	12	30.48
168	19	5.79	10	25.40	221	25	7.62	10	25.40	274	35	10.67	11	27.94
169	25	7.62	10	25.40	222	25	7.62	13	33.02	275	25	7.62	12	30.48
170	40	12.19	17	43.18	223	20	6.10	10	25.40	276	25	7.62	11	27.94
171	20	6.10	15	38.10	224	20	6.10	10	25.40	277	25	7.62	11	27.94
172	25	7.62	11	27.94	225	22	6.71	12	30.48	278	20	6.10	10	25.40
173	26	7.92	16	40.64	226	34	10.36	18	45.72	279	20	6.10	16	40.64
174	30	9.14	16	40.64	227	45	13.72	22	55.88	280	22	6.71	13	33.02
175	20	6.10	10	25.40	228	40	12.19	28	71.12	281	30	9.14	18	45.72
176	20	6.10	12	30.48	229	48	14.63	12	30.48	282	32	9.75	20	50.80
177	22	6.71	12	30.48	230	20	6.10	18	45.72	283	32	9.75	10	25.40
178	20	6.10	10	25.40	231	30	9.14	18	45.72	284	18	5.49	12	30.48
179	45	13.72	16	40.64	232	32	9.75	10	25.40	285	18	5.49	14	35.56
180	30	9.14	16	40.64	233	25	7.62	14	35.56	286	30	9.14	14	35.56
181	35	10.67	17	43.18	234	30	9.14	14	35.56	287	30	9.14	10	25.40
182	20	6.10	14	35.56	235	30	9.14	16	40.64	288	20	6.10	10	25.40
183	30	9.14	14	35.56	236	35	10.67	18	45.72	289	20	6.10	11	27.94
184	25	7.62	10	25.40	237	20	6.10	11	27.94	290	40	12.19	26	66.04
185	25	7.62	10	25.40	238	20	6.10	13	33.02	291	20	6.10	10	25.40
186	26	7.92	10	25.40	239	20	6.10	10	25.40	292	20	6.10	10	25.40
187	30	9.14	13	33.02	240	30	9.14	10	25.40	293	20	6.10	10	25.40
188	30	9.14	12	30.48	241	27	8.23	17	43.18	294	20	6.10	10	25.40
189	40	12.19	15	38.10	242	28	8.53	15	38.10	295	40	12.19	19	48.26
190	25	7.62	10	25.40	243	20	6.10	10	25.40	296	40	12.19	21	53.34
191	25	7.62	13	33.02	244	20	6.10	10	25.40	297	32	9.75	18	45.72
192	26	7.92	12	30.48	245	30	9.14	20	50.80	298	21	6.40	12	30.48
193	27	8.23	10	25.40	246	20	6.10	11	27.94	299	20	6.10	15	38.10
194	24	7.32	10	25.40	247	20	6.10	12	30.48	300	35	10.67	18	45.72
195	25	7.62	10	25.40	248	20	6.10	10	25.40	301	30	9.14	14	35.56
196	30	9.14	10	25.40	249	20	6.10	12	30.48	302	20	6.10	10	25.40
197	16	4.88	10	25.40	250	30	9.14	20	50.80	303	20	6.10	15	38.10
198	25	7.62	12	30.48	251	30	9.14	11	27.94	304	15	4.57	10	25.40
199	35	10.67	15	38.10	252	25	7.62	11	27.94	305	25	7.62	11	27.94
200	20	6.10	10	25.40	253	30	9.14	16	40.64	306	25	7.62	10	25.40
201	20	6.10	10	25.40	254	25	7.62	10	25.40	307	25	7.62	10	25.40
202	25	7.62	12	30.48	255	20	6.10	11	27.94	308	26	7.92	10	25.40
203	25	7.62	12	30.48	256	20	6.10	11	27.94	309	26	7.92	14	35.56
204	30	9.14	14	35.56	257	20	6.10	11	27.94	310	27	8.23	13	33.02
205	20	6.10	10	25.40	258	30	9.14	14	35.56	311	20	6.10	13	33.02
206	20	6.10	10	25.40	259	25	7.62	11	27.94	312	30	9.14	15	38.10
207	30	9.14	14	35.56	260	25	7.62	10	25.40	313	24	7.32	16	40.64
208	25	7.62	11	27.94	261	25	7.62	10	25.40	314	35	10.67	18	45.72
209	25	7.62	12	30.48	262	30	9.14	14	35.56	315	30	9.14	14	35.56
210	25	7.62	12	30.48	263	25	7.62	16	40.64	316	30	9.14	14	35.56
211	25	7.62	13	33.02	264	20	6.10	13	33.02	317	30	9.14	13	33.02
212	25	7.62	10	25.40	265	25	7.62	10	25.40	318	30	9.14	17	43.18

Shorea robusta/(Sal)													
Sl.No	Height		Girth		Sl.No	Height		Girth		Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
319	26	7.92	10	25.40	372	20	6.10	10	25.40	426	30	9.14	13	33.02
320	26	7.92	10	25.40	373	30	9.14	12	30.48	427	20	6.10	10	25.40
321	30	9.14	14	35.56	374	19	5.79	12	30.48	428	35	10.67	14	35.56
322	25	7.62	10	25.40	375	20	6.10	12	30.48	429	25	7.62	13	33.02
323	20	6.10	11	27.94	376	30	9.14	10	25.40	430	25	7.62	11	27.94
324	20	6.10	12	30.48	377	30	9.14	12	30.48	431	25	7.62	13	33.02
325	30	9.14	15	38.10	378	30	9.14	10	25.40	432	25	7.62	13	33.02
326	22	6.71	12	30.48	379	30	9.14	15	38.10	433	40	12.19	16	40.64
327	20	6.10	10	25.40	380	30	9.14	11	27.94	434	30	9.14	13	33.02
328	20	6.10	12	30.48	381	30	9.14	12	30.48	435	32	9.75	11	27.94
329	23	7.01	15	38.10	382	31	9.45	24	60.96	436	30	9.14	13	33.02
330	24	7.32	16	40.64	383	25	7.62	10	25.40	437	20	6.10	12	30.48
331	24	7.32	12	30.48	384	26	7.92	10	25.40	438	20	6.10	10	25.40
332	20	6.10	10	25.40	385	25	7.62	10	25.40	439	20	6.10	11	27.94
333	20	6.10	12	30.48	386	20	6.10	10	25.40	440	25	7.62	12	30.48
334	20	6.10	13	33.02	387	25	7.62	12	30.48	441	25	7.62	16	40.64
335	20	6.10	10	25.40	388	25	7.62	11	27.94	442	25	7.62	10	25.40
336	30	9.14	13	33.02	389	26	7.92	11	27.94	443	26	7.92	10	25.40
337	30	9.14	12	30.48	390	28	8.53	11	27.94	444	25	7.62	10	25.40
338	30	9.14	13	33.02	391	20	6.10	11	27.94	445	20	6.10	10	25.40
339	30	9.14	13	33.02	392	25	7.62	10	25.40	446	21	6.40	13	33.02
340	30	9.14	12	30.48	393	25	7.62	10	25.40	447	21	6.40	10	25.40
341	32	9.75	13	33.02	394	26	7.92	12	30.48	448	25	7.62	12	30.48
342	18	5.49	10	25.40	395	14	4.27	30	76.20	449	25	7.62	12	30.48
343	30	9.14	13	33.02	396	40	12.19	20	50.80	450	26	7.92	12	30.48
344	30	9.14	12	30.48	397	40	12.19	20	50.80	451	25	7.62	10	25.40
345	22	6.71	10	25.40	398	15	4.57	30	76.20	452	19	5.79	12	30.48
346	30	9.14	11	27.94	399	47	14.33	22	55.88	453	27	8.23	11	27.94
347	25	7.62	11	27.94	400	45	13.72	24	60.96	454	20	6.10	11	27.94
348	25	7.62	11	27.94	401	25	7.62	12	30.48	455	30	9.14	11	27.94
349	20	6.10	12	30.48	402	25	7.62	11	27.94	456	30	9.14	11	27.94
350	30	9.14	12	30.48	403	30	9.14	13	33.02	457	20	6.10	10	25.40
351	30	9.14	14	35.56	404	30	9.14	12	30.48	458	19	5.79	11	27.94
352	30	9.14	15	38.10	405	32	9.75	13	33.02	459	22	6.71	12	30.48
353	20	6.10	10	25.40	406	35	10.67	14	35.56	460	25	7.62	13	33.02
354	30	9.14	15	38.10	407	30	9.14	20	50.80	461	35	10.67	20	50.80
355	31	9.45	16	40.64	408	30	9.14	13	33.02	462	27	8.23	12	30.48
356	20	6.10	11	27.94	409	20	6.10	12	30.48	463	13	3.96	10	25.40
357	19	5.79	16	40.64	410	25	7.62	14	35.56	464	30	9.14	14	35.56
358	20	6.10	10	25.40	411	30	9.14	14	35.56	465	20	6.10	14	35.56
359	35	10.67	12	30.48	412	30	9.14	12	30.48	466	25	7.62	12	30.48
360	30	9.14	10	25.40	413	30	9.14	12	30.48	467	30	9.14	14	35.56
361	25	7.62	10	25.40	414	30	9.14	16	40.64	468	30	9.14	10	25.40
362	20	6.10	10	25.40	415	20	6.10	10	25.40	469	30	9.14	16	40.64
363	20	6.10	10	25.40	416	25	7.62	12	30.48	470	20	6.10	11	27.94
364	16	4.88	10	25.40	417	25	7.62	10	25.40	471	20	6.10	10	25.40
365	25	7.62	16	40.64	418	20	6.10	10	25.40	472	25	7.62	10	25.40
366	30	9.14	12	30.48	419	25	7.62	10	25.40	473	20	6.10	10	25.40
367	25	7.62	10	25.40	420	30	9.14	11	27.94	474	20	6.10	10	25.40
368	25	7.62	12	30.48	421	30	9.14	16	40.64	475	20	6.10	10	25.40
369	20	6.10	10	25.40	422	25	7.62	11	27.94	476	25	7.62	13	33.02
370	20	6.10	12	30.48	423	25	7.62	10	25.40	477	30	9.14	11	27.94
371	30	9.14	12	30.48	424	25	7.62	10	25.40	478	20	6.10	10	25.40

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Shorea robusta/(Sal)														
Sl.No	Height		Girth		Sl.No	Height		Girth		Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
479	20	6.10	10	25.40	532	25	7.62	10	25.40	585	32	9.75	14	35.56
480	20	6.10	10	25.40	533	27	8.23	12	30.48	586	26	7.92	12	30.48
481	25	7.62	12	30.48	534	11	3.35	13	33.02	587	20	6.10	10	25.40
482	45	13.72	11	27.94	535	20	6.10	10	25.40	588	20	6.10	11	27.94
483	35	10.67	18	45.72	536	20	6.10	10	25.40	589	35	10.67	14	35.56
484	25	7.62	17	43.18	537	25	7.62	11	27.94	590	30	9.14	22	55.88
485	25	7.62	12	30.48	538	25	7.62	12	30.48	591	30	9.14	18	45.72
486	30	9.14	12	30.48	539	25	7.62	10	25.40	592	18	5.49	12	30.48
487	25	7.62	12	30.48	540	26	7.92	11	27.94	593	20	6.10	10	25.40
488	20	6.10	10	25.40	541	27	8.23	11	27.94	594	30	9.14	11	27.94
489	25	7.62	11	27.94	542	22	6.71	10	25.40	595	30	9.14	13	33.02
490	14	4.27	10	25.40	543	35	10.67	17	43.18	596	25	7.62	12	30.48
491	20	6.10	11	27.94	544	36	10.97	18	45.72	597	25	7.62	12	30.48
492	20	6.10	11	27.94	545	23	7.01	10	25.40	598	30	9.14	11	27.94
493	20	6.10	10	25.40	546	43	13.11	24	60.96	599	30	9.14	11	27.94
494	24	7.32	10	25.40	547	35	10.67	26	66.04	600	30	9.14	11	27.94
495	27	8.23	13	33.02	548	25	7.62	12	30.48	601	25	7.62	13	33.02
496	25	7.62	12	30.48	549	25	7.62	12	30.48	602	30	9.14	10	25.40
497	25	7.62	10	25.40	550	20	6.10	15	38.10	603	30	9.14	10	25.40
498	25	7.62	17	43.18	551	30	9.14	15	38.10	604	20	6.10	13	33.02
499	20	6.10	14	35.56	552	30	9.14	12	30.48	605	25	7.62	10	25.40
500	20	6.10	10	25.40	553	32	9.75	22	55.88	606	25	7.62	10	25.40
501	20	6.10	10	25.40	554	40	12.19	26	66.04	607	25	7.62	10	25.40
502	25	7.62	16	40.64	555	25	7.62	12	30.48	608	25	7.62	11	27.94
503	25	7.62	12	30.48	556	25	7.62	12	30.48	609	30	9.14	10	25.40
504	25	7.62	13	33.02	557	26	7.92	15	38.10	610	30	9.14	13	33.02
505	25	7.62	11	27.94	558	30	9.14	15	38.10	611	20	6.10	13	33.02
506	25	7.62	12	30.48	559	30	9.14	16	40.64	612	30	9.14	10	25.40
507	20	6.10	10	25.40	560	32	9.75	12	30.48	613	20	6.10	14	35.56
508	15	4.57	10	25.40	561	20	6.10	14	35.56	614	20	6.10	10	25.40
509	34	10.36	18	45.72	562	20	6.10	14	35.56	615	20	6.10	10	25.40
510	35	10.67	25	63.50	563	20	6.10	12	30.48	616	20	6.10	10	25.40
511	25	7.62	10	25.40	564	20	6.10	10	25.40	617	25	7.62	10	25.40
512	35	10.67	10	25.40	565	25	7.62	12	30.48	618	20	6.10	13	33.02
513	25	7.62	10	25.40	566	20	6.10	11	27.94	619	15	4.57	10	25.40
514	30	9.14	13	33.02	567	21	6.40	11	27.94	620	20	6.10	10	25.40
515	25	7.62	10	25.40	568	20	6.10	10	25.40	621	25	7.62	10	25.40
516	20	6.10	15	38.10	569	20	6.10	10	25.40	622	25	7.62	13	33.02
517	20	6.10	10	25.40	570	15	4.57	15	38.10	623	25	7.62	10	25.40
518	20	6.10	15	38.10	571	25	7.62	12	30.48	624	18	5.49	10	25.40
519	20	6.10	10	25.40	572	25	7.62	10	25.40	625	25	7.62	12	30.48
520	30	9.14	14	35.56	573	30	9.14	14	35.56	626	25	7.62	10	25.40
521	25	7.62	10	25.40	574	30	9.14	15	38.10	627	30	9.14	14	35.56
522	20	6.10	10	25.40	575	20	6.10	10	25.40	628	20	6.10	10	25.40
523	30	9.14	11	27.94	576	20	6.10	10	25.40	629	25	7.62	11	27.94
524	25	7.62	10	25.40	577	20	6.10	10	25.40	630	20	6.10	10	25.40
525	30	9.14	16	40.64	578	25	7.62	10	25.40	631	20	6.10	10	25.40
526	20	6.10	10	25.40	579	25	7.62	10	25.40	632	25	7.62	10	25.40
527	25	7.62	12	30.48	580	25	7.62	13	33.02	633	25	7.62	11	27.94
528	20	6.10	10	25.40	581	25	7.62	13	33.02	634	25	7.62	10	25.40
529	20	6.10	10	25.40	582	20	6.10	13	33.02	635	30	9.14	14	35.56
530	20	6.10	10	25.40	583	30	9.14	14	35.56	636	20	6.10	10	25.40
531	30	9.14	16	40.64	584	25	7.62	10	25.40	637	20	6.10	10	25.40

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Shorea robusta/(Sal)														
Sl.No	Height		Girth		Sl.No	Height		Girth		Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
638	25	7.62	10	25.40	691	20	6.10	12	30.48	744	20	6.10	11	27.94
639	15	4.57	13	33.02	692	24	7.32	14	35.56	745	20	6.10	12	30.48
640	30	9.14	11	27.94	693	24	7.32	15	38.10	746	25	7.62	10	25.40
641	20	6.10	10	25.40	694	26	7.92	11	27.94	747	25	7.62	10	25.40
642	20	6.10	10	25.40	695	25	7.62	11	27.94	748	25	7.62	12	30.48
643	32	9.75	11	27.94	696	24	7.32	10	25.40	749	30	9.14	10	25.40
644	25	7.62	12	30.48	697	26	7.92	10	25.40	750	20	6.10	10	25.40
645	25	7.62	12	30.48	698	25	7.62	10	25.40	751	30	9.14	14	35.56
646	25	7.62	13	33.02	699	25	7.62	18	45.72	752	30	9.14	10	25.40
647	35	10.67	13	33.02	700	25	7.62	11	27.94	753	25	7.62	14	35.56
648	36	10.97	13	33.02	701	23	7.01	11	27.94	754	25	7.62	15	38.10
649	25	7.62	16	40.64	702	28	8.53	14	35.56	755	25	7.62	12	30.48
650	25	7.62	16	40.64	703	29	8.84	14	35.56	756	25	7.62	11	27.94
651	25	7.62	15	38.10	704	29	8.84	15	38.10	757	25	7.62	12	30.48
652	20	6.10	12	30.48	705	23	7.01	16	40.64	758	22	6.71	10	25.40
653	20	6.10	15	38.10	706	30	9.14	12	30.48	759	20	6.10	10	25.40
654	25	7.62	13	33.02	707	30	9.14	12	30.48	760	20	6.10	10	25.40
655	30	9.14	14	35.56	708	36	10.97	15	38.10	761	20	6.10	10	25.40
656	25	7.62	15	38.10	709	23	7.01	15	38.10	762	30	9.14	15	38.10
657	25	7.62	15	38.10	710	30	9.14	12	30.48	763	30	9.14	14	35.56
658	20	6.10	16	40.64	711	30	9.14	12	30.48	764	25	7.62	11	27.94
659	20	6.10	12	30.48	712	30	9.14	10	25.40	765	25	7.62	11	27.94
660	35	10.67	12	30.48	713	25	7.62	14	35.56	766	25	7.62	10	25.40
661	30	9.14	14	35.56	714	25	7.62	17	43.18	767	25	7.62	12	30.48
662	30	9.14	11	27.94	715	25	7.62	12	30.48	768	30	9.14	11	27.94
663	25	7.62	14	35.56	716	30	9.14	13	33.02	769	30	9.14	10	25.40
664	25	7.62	14	35.56	717	30	9.14	13	33.02	770	30	9.14	10	25.40
665	30	9.14	15	38.10	718	20	6.10	12	30.48	771	30	9.14	15	38.10
666	25	7.62	12	30.48	719	30	9.14	10	25.40	772	30	9.14	14	35.56
667	25	7.62	11	27.94	720	25	7.62	18	45.72	773	30	9.14	14	35.56
668	30	9.14	11	27.94	721	28	8.53	11	27.94	774	25	7.62	10	25.40
669	30	9.14	11	27.94	722	30	9.14	11	27.94	775	30	9.14	12	30.48
670	30	9.14	12	30.48	723	30	9.14	14	35.56	776	30	9.14	11	27.94
671	30	9.14	12	30.48	724	20	6.10	15	38.10	777	25	7.62	12	30.48
672	25	7.62	13	33.02	725	30	9.14	10	25.40	778	25	7.62	12	30.48
673	25	7.62	10	25.40	726	30	9.14	13	33.02	779	25	7.62	12	30.48
674	20	6.10	10	25.40	727	30	9.14	13	33.02	780	20	6.10	10	25.40
675	15	4.57	10	25.40	728	30	9.14	15	38.10	781	20	6.10	10	25.40
676	18	5.49	10	25.40	729	25	7.62	11	27.94	782	25	7.62	11	27.94
677	20	6.10	18	45.72	730	30	9.14	12	30.48	783	25	7.62	11	27.94
678	25	7.62	12	30.48	731	25	7.62	10	25.40	784	30	9.14	17	43.18
679	20	6.10	10	25.40	732	25	7.62	10	25.40	785	30	9.14	15	38.10
680	20	6.10	10	25.40	733	25	7.62	12	30.48	786	25	7.62	10	25.40
681	20	6.10	11	27.94	734	25	7.62	12	30.48	787	25	7.62	10	25.40
682	35	10.67	17	43.18	735	25	7.62	12	30.48	788	20	6.10	10	25.40
683	25	7.62	11	27.94	736	30	9.14	11	27.94	789	20	6.10	10	25.40
684	25	7.62	10	25.40	737	20	6.10	10	25.40	790	25	7.62	10	25.40
685	25	7.62	11	27.94	738	30	9.14	11	27.94	791	30	9.14	16	40.64
686	25	7.62	11	27.94	739	30	9.14	11	27.94	792	25	7.62	10	25.40
687	25	7.62	13	33.02	740	20	6.10	10	25.40	793	30	9.14	15	38.10
688	25	7.62	10	25.40	741	20	6.10	10	25.40	794	25	7.62	10	25.40
689	25	7.62	10	25.40	742	25	7.62	12	30.48	795	20	6.10	10	25.40
690	25	7.62	12	30.48	743	30	9.14	12	30.48	796	25	7.62	12	30.48

SUSUNIA

Shorea robusta/(Sal)				
Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
797	26	7.92	11	27.94
798	20	6.10	10	25.40
799	25	7.62	10	25.40
800	20	6.10	11	27.94
801	30	9.14	14	35.56
802	30	9.14	12	30.48
803	25	7.62	10	25.40
804	25	7.62	14	35.56
805	25	7.62	14	35.56
806	30	9.14	11	27.94
807	25	7.62	10	25.40
808	30	9.14	10	25.40
809	30	9.14	13	33.02
810	30	9.14	13	33.02
811	25	7.62	10	25.40
812	30	9.14	12	30.48
813	15	4.57	10	25.40
814	30	9.14	10	25.40
815	25	7.62	11	27.94
816	25	7.62	11	27.94
817	25	7.62	11	27.94
818	25	7.62	12	30.48
819	25	7.62	12	30.48
820	25	7.62	11	27.94
821	20	6.10	10	25.40
822	20	6.10	10	25.40
823	25	7.62	13	33.02
824	30	9.14	11	27.94
825	30	9.14	11	27.94
826	30	9.14	11	27.94
827	25	7.62	12	30.48
828	20	6.10	10	25.40
829	30	9.14	13	33.02
830	30	9.14	11	27.94
831	30	9.14	14	35.56
832	30	9.14	11	27.94
833	19	5.79	10	25.40
834	19	5.79	10	25.40
835	30	9.14	14	35.56

Buchanania lanzan/ (Piyal)				
Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40

Madhuca latifolia/(Mohua)				
Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	25	7.62	10	25.40
3	25	7.62	11	27.94
4	20	6.10	10	25.40
5	21	6.40	10	25.40
6	12	3.66	10	25.40
7	25	7.62	11	27.94
8	25	7.62	10	25.40
9	20	6.10	10	25.40

Anogeissus latifolia/(Dhaw)				
Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	23	58.42

Lannea coromandelica/(Geol/Doka)				
Sl.No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	25	7.62	21	53.34

PANCHET

Panchet SP 1

***Shorea robusta*/ (Sal)**

SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	45	13.72	24	60.96	41	20	6.10	16	40.64	81	10	3.05	12	30.48
2	25	7.62	13	33.02	42	18	5.49	16	40.64	82	35	10.67	24	60.96
3	15	4.57	11	27.94	43	35	10.67	25	63.50	83	38	11.58	20	50.80
4	20	6.10	20	50.80	44	30	9.14	25	63.50	84	15	4.57	12	30.48
5	25	7.62	20	50.80	45	20	6.10	13	33.02	85	18	5.49	12	30.48
6	20	6.10	16	40.64	46	31	9.45	26	66.04	86	20	6.10	18	45.72
7	30	9.14	20	50.80	47	16	4.88	14	35.56	87	25	7.62	22	55.88
8	50	15.24	14	35.56	48	20	6.10	12	30.48	88	26	7.92	24	60.96
9	15	4.57	14	35.56	49	15	4.57	12	30.48	89	14	4.27	11	27.94
10	20	6.10	19	48.26	50	35	10.67	19	48.26	90	28	8.53	25	63.50
11	20	6.10	14	35.56	51	16	4.88	13	33.02	91	42	12.80	21	53.34
12	22	6.71	16	40.64	52	32	9.75	25	63.50	92	46	14.02	28	71.12
13	14	4.27	12	30.48	53	18	5.49	15	38.10	93	55	16.76	32	81.28
14	30	9.14	19	48.26	54	25	7.62	22	55.88	94	20	6.10	15	38.10
15	21	6.40	14	35.56	55	30	9.14	23	58.42	95	18	5.49	15	38.10
16	15	4.57	13	33.02	56	25	7.62	18	45.72	96	16	4.88	13	33.02
17	30	9.14	22	55.88	57	30	9.14	20	50.80	97	25	7.62	20	50.80
18	27	8.23	23	58.42	58	20	6.10	20	50.80	98	16	4.88	12	30.48
19	13	3.96	10	25.40	59	25	7.62	20	50.80	99	30	9.14	27	68.58
20	25	7.62	20	50.80	60	20	6.10	18	45.72	100	25	7.62	18	45.72
21	30	9.14	22	55.88	61	40	12.19	27	68.58	101	22	6.71	18	45.72
22	15	4.57	13	33.02	62	55	16.76	42	106.68	102	36	10.97	24	60.96
23	25	7.62	18	45.72	63	16	4.88	12	30.48	103	22	6.71	13	33.02
24	25	7.62	21	53.34	64	15	4.57	12	30.48	104	24	7.32	17	43.18
25	20	6.10	13	33.02	65	15	4.57	12	30.48	105	25	7.62	18	45.72
26	22	6.71	15	38.10	66	20	6.10	15	38.10	106	12	3.66	15	38.10
27	17	5.18	15	38.10	67	25	7.62	23	58.42	107	26	7.92	18	45.72
28	25	7.62	13	33.02	68	28	8.53	24	60.96	108	16	4.88	14	35.56
29	27	8.23	17	43.18	69	24	7.32	18	45.72	109	20	6.10	14	35.56
30	22	6.71	17	43.18	70	20	6.10	13	33.02	110	22	6.71	18	45.72
31	32	9.75	18	45.72	71	20	6.10	15	38.10	111	23	7.01	18	45.72
32	20	6.10	15	38.10	72	18	5.49	12	30.48	112	20	6.10	17	43.18
33	16	4.88	12	30.48	73	25	7.62	18	45.72	113	32	9.75	18	45.72
34	25	7.62	16	40.64	74	15	4.57	13	33.02	114	25	7.62	23	58.42
35	35	10.67	16	40.64	75	22	6.71	18	45.72	115	30	9.14	31	78.74
36	20	6.10	18	45.72	76	24	7.32	19	48.26	116	25	7.62	23	58.42
37	25	7.62	20	50.80	77	24	7.32	20	50.80	117	25	7.62	18	45.72
38	22	6.71	18	45.72	78	22	6.71	15	38.10	118	24	7.32	18	45.72
39	15	4.57	12	30.48	79	15	4.57	13	33.02	119	24	7.32	19	48.26
40	20	6.10	15	38.10	80	20	6.10	18	45.72	120	25	7.62	14	35.56

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
121	27	8.23	24	60.96	161	15	4.57	13	33.02	201	20	6.10	10	25.40
122	20	6.10	14	35.56	162	16	4.88	13	33.02	202	20	6.10	13	33.02
123	15	4.57	12	30.48	163	17	5.18	15	38.10	203	25	7.62	16	40.64
124	20	6.10	22	55.88	164	13	3.96	10	25.40	204	20	6.10	12	30.48
125	30	9.14	19	48.26	165	20	6.10	13	33.02	205	32	9.75	17	43.18
126	16	4.88	13	33.02	166	30	9.14	14	35.56	206	25	7.62	16	40.64
127	22	6.71	18	45.72	167	36	10.97	31	78.74	207	35	10.67	26	66.04
128	18	5.49	15	38.10	168	35	10.67	16	40.64	208	18	5.49	11	27.94
129	26	7.92	20	50.80	169	30	9.14	16	40.64	209	16	4.88	12	30.48
130	26	7.92	18	45.72	170	25	7.62	16	40.64	210	35	10.67	18	45.72
131	35	10.67	18	45.72	171	25	7.62	13	33.02	211	16	4.88	11	27.94
132	26	7.92	18	45.72	172	28	8.53	15	38.10	212	17	5.18	12	30.48
133	25	7.62	19	48.26	173	28	8.53	22	55.88	213	40	12.19	18	45.72
134	15	4.57	10	25.40	174	29	8.84	18	45.72	214	35	10.67	18	45.72
135	26	7.92	11	27.94	175	30	9.14	26	66.04	215	16	4.88	12	30.48
136	26	7.92	23	58.42	176	40	12.19	25	63.50	216	45	13.72	21	53.34
137	30	9.14	24	60.96	177	30	9.14	16	40.64	217	26	7.92	14	35.56
138	35	10.67	26	66.04	178	20	6.10	14	35.56	218	25	7.62	20	50.80
139	18	5.49	15	38.10	179	25	7.62	12	30.48	219	28	8.53	18	45.72
140	20	6.10	16	40.64	180	28	8.53	17	43.18	220	40	12.19	14	35.56
141	25	7.62	15	38.10	181	35	10.67	24	60.96	221	42	12.80	35	88.90
142	35	10.67	26	66.04	182	40	12.19	16	40.64	222	36	10.97	28	71.12
143	42	12.80	32	81.28	183	20	6.10	13	33.02	223	25	7.62	20	50.80
144	45	13.72	36	91.44	184	35	10.67	27	68.58	224	35	10.67	28	71.12
145	18	5.49	16	40.64	185	22	6.71	18	45.72	225	15	4.57	12	30.48
146	20	6.10	16	40.64	186	30	9.14	20	50.80	226	40	12.19	18	45.72
147	22	6.71	17	43.18	187	16	4.88	12	30.48	227	16	4.88	13	33.02
148	24	7.32	20	50.80	188	22	6.71	17	43.18	228	30	9.14	22	55.88
149	42	12.80	38	96.52	189	25	7.62	14	35.56	229	25	7.62	14	35.56
150	25	7.62	18	45.72	190	28	8.53	19	48.26	230	28	8.53	14	35.56
151	35	10.67	30	76.20	191	20	6.10	18	45.72	231	35	10.67	17	43.18
152	25	7.62	19	48.26	192	22	6.71	14	35.56	232	14	4.27	11	27.94
153	30	9.14	27	68.58	193	45	13.72	20	50.80	233	35	10.67	17	43.18
154	26	7.92	18	45.72	194	25	7.62	16	40.64	234	22	6.71	12	30.48
155	24	7.32	20	50.80	195	18	5.49	14	35.56	235	16	4.88	12	30.48
156	22	6.71	18	45.72	196	16	4.88	13	33.02	236	22	6.71	12	30.48
157	40	12.19	34	86.36	197	40	12.19	17	43.18	237	45	13.72	12	30.48
158	26	7.92	18	45.72	198	25	7.62	16	40.64	238	45	13.72	22	55.88
159	25	7.62	20	50.80	199	28	8.53	16	40.64	239	25	7.62	14	35.56
160	30	9.14	22	55.88	200	35	10.67	21	53.34	240	20	6.10	18	45.72

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
241	30	9.14	15	38.10	281	16	4.88	13	33.02	321	25	7.62	20	50.80
242	26	7.92	16	40.64	282	16	4.88	11	27.94	322	45	13.72	34	86.36
243	25	7.62	15	38.10	283	27	8.23	25	63.50	323	28	8.53	10	25.40
244	42	12.80	17	43.18	284	26	7.92	25	63.50	324	35	10.67	16	40.64
245	25	7.62	12	30.48	285	38	11.58	17	43.18	325	25	7.62	16	40.64
246	50	15.24	27	68.58	286	13	3.96	12	30.48	326	24	7.32	18	45.72
247	20	6.10	15	38.10	287	55	16.76	26	66.04	327	20	6.10	13	33.02
248	35	10.67	24	60.96	288	16	4.88	13	33.02	328	26	7.92	20	50.80
249	36	10.97	16	40.64	289	27	8.23	18	45.72	329	25	7.62	19	48.26
250	50	15.24	42	106.68	290	45	13.72	19	48.26	330	32	9.75	26	66.04
251	28	8.53	17	43.18	291	25	7.62	21	53.34	331	35	10.67	19	48.26
252	25	7.62	12	30.48	292	25	7.62	15	38.10	332	42	12.80	30	76.20
253	26	7.92	14	35.56	293	16	4.88	14	35.56	333	45	13.72	26	66.04
254	22	6.71	15	38.10	294	20	6.10	13	33.02	334	16	4.88	12	30.48
255	26	7.92	25	63.50	295	25	7.62	22	55.88	335	16	4.88	11	27.94
256	16	4.88	12	30.48	296	16	4.88	11	27.94	336	18	5.49	12	30.48
257	25	7.62	15	38.10	297	25	7.62	17	43.18	337	20	6.10	12	30.48
258	22	6.71	13	33.02	298	32	9.75	15	38.10	338	30	9.14	20	50.80
259	25	7.62	17	43.18	299	25	7.62	20	50.80	339	18	5.49	11	27.94
260	22	6.71	13	33.02	300	45	13.72	17	43.18	340	12	3.66	11	27.94
261	40	12.19	19	48.26	301	22	6.71	18	45.72	341	20	6.10	12	30.48
262	55	16.76	19	48.26	302	20	6.10	15	38.10	342	40	12.19	30	76.20
263	42	12.80	18	45.72	303	32	9.75	17	43.18	343	42	12.80	16	40.64
264	25	7.62	20	50.80	304	35	10.67	25	63.50	344	56	17.07	34	86.36
265	35	10.67	19	48.26	305	42	12.80	12	30.48	345	32	9.75	20	50.80
266	32	9.75	16	40.64	306	45	13.72	17	43.18	346	40	12.19	16	40.64
267	16	4.88	11	27.94	307	16	4.88	12	30.48	347	21	6.40	16	40.64
268	20	6.10	15	38.10	308	16	4.88	19	48.26	348	14	4.27	12	30.48
269	15	4.57	12	30.48	309	18	5.49	24	60.96	349	55	16.76	28	71.12
270	25	7.62	17	43.18	310	20	6.10	32	81.28	350	25	7.62	17	43.18
271	20	6.10	13	33.02	311	30	9.14	14	35.56	351	45	13.72	21	53.34
272	30	9.14	22	55.88	312	25	7.62	18	45.72	352	25	7.62	16	40.64
273	25	7.62	17	43.18	313	45	13.72	20	50.80	353	18	5.49	12	30.48
274	41	12.50	21	53.34	314	28	8.53	32	81.28	354	25	7.62	20	50.80
275	45	13.72	20	50.80	315	35	10.67	17	43.18	355	35	10.67	22	55.88
276	42	12.80	22	55.88	316	25	7.62	19	48.26	356	27	8.23	19	48.26
277	46	14.02	17	43.18	317	24	7.32	19	48.26	357	42	12.80	18	45.72
278	35	10.67	14	35.56	318	20	6.10	22	55.88	358	52	15.85	36	91.44
279	32	9.75	14	35.56	319	26	7.92	20	50.80	359	16	4.88	15	38.10
280	36	10.97	12	30.48	320	25	7.62	26	66.04	360	35	10.67	18	45.72

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
361	16	4.88	12	30.48	401	40	12.19	19	48.26	441	50	15.24	20	50.80
362	20	6.10	12	30.48	402	55	16.76	26	66.04	442	27	8.23	16	40.64
363	16	4.88	14	35.56	403	35	10.67	14	35.56	443	45	13.72	20	50.80
364	45	13.72	24	60.96	404	52	15.85	36	91.44	444	25	7.62	22	55.88
365	35	10.67	18	45.72	405	30	9.14	16	40.64	445	20	6.10	16	40.64
366	45	13.72	17	43.18	406	18	5.49	17	43.18	446	26	7.92	14	35.56
367	45	13.72	25	63.50	407	25	7.62	17	43.18	447	36	10.97	18	45.72
368	25	7.62	15	38.10	408	45	13.72	29	73.66	448	20	6.10	13	33.02
369	16	4.88	17	43.18	409	35	10.67	14	35.56	449	35	10.67	17	43.18
370	45	13.72	21	53.34	410	25	7.62	16	40.64	450	45	13.72	19	48.26
371	22	6.71	13	33.02	411	16	4.88	12	30.48	451	35	10.67	32	81.28
372	16	4.88	35	88.90	412	30	9.14	28	71.12	452	22	6.71	14	35.56
373	45	13.72	32	81.28	413	36	10.97	16	40.64	453	35	10.67	14	35.56
374	50	15.24	17	43.18	414	35	10.67	18	45.72	454	20	6.10	13	33.02
375	30	9.14	23	58.42	415	25	7.62	13	33.02	455	16	4.88	11	27.94
376	19	5.79	16	40.64	416	27	8.23	18	45.72	456	50	15.24	22	55.88
377	24	7.32	18	45.72	417	20	6.10	12	30.48	457	35	10.67	25	63.50
378	32	9.75	14	35.56	418	25	7.62	18	45.72	458	45	13.72	17	43.18
379	55	16.76	22	55.88	419	25	7.62	12	30.48	459	16	4.88	12	30.48
380	25	7.62	14	35.56	420	47	14.33	21	53.34	460	28	8.53	13	33.02
381	18	5.49	12	30.48	421	26	7.92	18	45.72	461	35	10.67	16	40.64
382	50	15.24	28	71.12	422	25	7.62	19	48.26	462	25	7.62	20	50.80
383	16	4.88	15	38.10	423	22	6.71	15	38.10	463	35	10.67	16	40.64
384	26	7.92	16	40.64	424	16	4.88	13	33.02	464	20	6.10	13	33.02
385	18	5.49	16	40.64	425	22	6.71	16	40.64	465	32	9.75	16	40.64
386	52	15.85	30	76.20	426	40	12.19	17	43.18	466	35	10.67	23	58.42
387	16	4.88	11	27.94	427	26	7.92	20	50.80	467	42	12.80	35	88.90
388	18	5.49	17	43.18	428	28	8.53	25	63.50	468	16	4.88	12	30.48
389	45	13.72	21	53.34	429	26	7.92	20	50.80	469	42	12.80	18	45.72
390	22	6.71	20	50.80	430	26	7.92	18	45.72	470	25	7.62	15	38.10
391	24	7.32	18	45.72	431	27	8.23	19	48.26	471	25	7.62	18	45.72
392	30	9.14	14	35.56	432	45	13.72	21	53.34	472	45	13.72	19	48.26
393	31	9.45	21	53.34	433	13	3.96	10	25.40	473	50	15.24	17	43.18
394	14	4.27	12	30.48	434	20	6.10	17	43.18	474	30	9.14	22	55.88
395	25	7.62	14	35.56	435	45	13.72	19	48.26	475	25	7.62	19	48.26
396	30	9.14	22	55.88	436	25	7.62	13	33.02	476	25	7.62	13	33.02
397	32	9.75	18	45.72	437	18	5.49	16	40.64	477	55	16.76	23	58.42
398	18	5.49	16	40.64	438	22	6.71	15	38.10	478	18	5.49	11	27.94
399	25	7.62	18	45.72	439	16	4.88	15	38.10	479	35	10.67	15	38.10
400	20	6.10	17	43.18	440	18	5.49	11	27.94	480	41	12.50	21	53.34

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
481	21	6.40	50	127.00	521	50	15.24	33	83.82	561	28	8.53	18	45.72
482	53	16.15	25	63.50	522	28	8.53	13	33.02	562	25	7.62	14	35.56
483	50	15.24	26	66.04	523	30	9.14	20	50.80	563	24	7.32	28	71.12
484	35	10.67	17	43.18	524	22	6.71	12	30.48	564	30	9.14	20	50.80
485	50	15.24	39	99.06	525	40	12.19	22	55.88	565	27	8.23	14	35.56
486	30	9.14	17	43.18	526	55	16.76	25	63.50	566	25	7.62	13	33.02
487	60	18.29	22	55.88	527	25	7.62	13	33.02	567	16	4.88	11	27.94
488	55	16.76	26	66.04	528	19	5.79	13	33.02	568	25	7.62	14	35.56
489	35	10.67	31	78.74	529	50	15.24	25	63.50	569	16	4.88	13	33.02
490	38	11.58	14	35.56	530	30	9.14	28	71.12	570	25	7.62	15	38.10
491	30	9.14	24	60.96	531	30	9.14	25	63.50	571	32	9.75	18	45.72
492	30	9.14	16	40.64	532	25	7.62	16	40.64	572	25	7.62	12	30.48
493	45	13.72	19	48.26	533	30	9.14	16	40.64	573	35	10.67	18	45.72
494	25	7.62	15	38.10	534	25	7.62	16	40.64	574	20	6.10	12	30.48
495	25	7.62	17	43.18	535	20	6.10	17	43.18	575	23	7.01	20	50.80
496	30	9.14	17	43.18	536	35	10.67	22	55.88	576	40	12.19	16	40.64
497	30	9.14	16	40.64	537	16	4.88	11	27.94	577	20	6.10	13	33.02
498	16	4.88	12	30.48	538	40	12.19	17	43.18	578	38	11.58	25	63.50
499	45	13.72	18	45.72	539	25	7.62	14	35.56	579	40	12.19	18	45.72
500	20	6.10	12	30.48	540	25	7.62	16	40.64	580	25	7.62	14	35.56
501	35	10.67	24	60.96	541	35	10.67	20	50.80	581	55	16.76	22	55.88
502	30	9.14	18	45.72	542	50	15.24	25	63.50	582	35	10.67	15	38.10
503	20	6.10	17	43.18	543	45	13.72	17	43.18	583	20	6.10	11	27.94
504	30	9.14	18	45.72	544	47	14.33	16	40.64	584	25	7.62	16	40.64
505	35	10.67	16	40.64	545	48	14.63	19	48.26	585	32	9.75	18	45.72
506	25	7.62	17	43.18	546	25	7.62	14	35.56	586	44	13.41	17	43.18
507	30	9.14	18	45.72	547	38	11.58	16	40.64	587	35	10.67	22	55.88
508	45	13.72	17	43.18	548	37	11.28	16	40.64	588	55	16.76	27	68.58
509	45	13.72	22	55.88	549	20	6.10	13	33.02	589	35	10.67	18	45.72
510	60	18.29	35	88.90	550	45	13.72	22	55.88	590	50	15.24	28	71.12
511	48	14.63	19	48.26	551	50	15.24	27	68.58	591	20	6.10	11	27.94
512	40	12.19	30	76.20	552	52	15.85	27	68.58	592	48	14.63	26	66.04
513	32	9.75	15	38.10	553	45	13.72	16	40.64	593	35	10.67	19	48.26
514	52	15.85	38	96.52	554	22	6.71	16	40.64	594	15	4.57	11	27.94
515	50	15.24	27	68.58	555	25	7.62	15	38.10	595	33	10.06	17	43.18
516	50	15.24	34	86.36	556	45	13.72	32	81.28	596	35	10.67	17	43.18
517	30	9.14	19	48.26	557	50	15.24	30	76.20	597	30	9.14	18	45.72
518	28	8.53	25	63.50	558	55	16.76	20	50.80	598	42	12.80	18	45.72
519	51	15.54	20	50.80	559	20	6.10	17	43.18	599	20	6.10	12	30.48
520	20	6.10	15	38.10	560	25	7.62	13	33.02	600	28	8.53	19	48.26

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
601	20	6.10	11	27.94	641	51	15.54	31	78.74	681	15	4.57	12	30.48
602	38	11.58	16	40.64	642	30	9.14	27	68.58	682	19	5.79	16	40.64
603	20	6.10	19	48.26	643	35	10.67	17	43.18	683	20	6.10	18	45.72
604	38	11.58	16	40.64	644	40	12.19	15	38.10	684	30	9.14	20	50.80
605	42	12.80	15	38.10	645	20	6.10	15	38.10	685	35	10.67	18	45.72
606	32	9.75	20	50.80	646	22	6.71	12	30.48	686	42	12.80	20	50.80
607	25	7.62	17	43.18	647	45	13.72	19	48.26	687	45	13.72	16	40.64
608	35	10.67	20	50.80	648	25	7.62	15	38.10	688	18	5.49	13	33.02
609	56	17.07	26	66.04	649	35	10.67	19	48.26	689	25	7.62	18	45.72
610	52	15.85	22	55.88	650	42	12.80	17	43.18	690	45	13.72	23	58.42
611	25	7.62	18	45.72	651	22	6.71	14	35.56	691	25	7.62	18	45.72
612	18	5.49	11	27.94	652	25	7.62	17	43.18	692	26	7.92	17	43.18
613	20	6.10	15	38.10	653	25	7.62	15	38.10	693	46	14.02	19	48.26
614	35	10.67	22	55.88	654	25	7.62	18	45.72	694	30	9.14	14	35.56
615	32	9.75	15	38.10	655	50	15.24	19	48.26	695	26	7.92	14	35.56
616	26	7.92	13	33.02	656	16	4.88	11	27.94	696	22	6.71	14	35.56
617	45	13.72	25	63.50	657	30	9.14	17	43.18	697	30	9.14	18	45.72
618	20	6.10	11	27.94	658	26	7.92	23	58.42	698	28	8.53	18	45.72
619	35	10.67	18	45.72	659	30	9.14	14	35.56	699	55	16.76	28	71.12
620	55	16.76	26	66.04	660	30	9.14	18	45.72	700	18	5.49	13	33.02
621	15	4.57	11	27.94	661	45	13.72	15	38.10	701	18	5.49	17	43.18
622	30	9.14	19	48.26	662	30	9.14	18	45.72	702	30	9.14	16	40.64
623	40	12.19	13	33.02	663	50	15.24	26	66.04	703	18	5.49	15	38.10
624	30	9.14	21	53.34	664	30	9.14	24	60.96	704	48	14.63	20	50.80
625	25	7.62	23	58.42	665	30	9.14	17	43.18	705	65	19.81	21	53.34
626	50	15.24	29	73.66	666	26	7.92	17	43.18	706	20	6.10	10	25.40
627	30	9.14	21	53.34	667	25	7.62	18	45.72	707	20	6.10	15	38.10
628	25	7.62	13	33.02	668	30	9.14	19	48.26	708	40	12.19	15	38.10
629	46	14.02	20	50.80	669	45	13.72	18	45.72	709	55	16.76	32	81.28
630	25	7.62	15	38.10	670	25	7.62	15	38.10	710	56	17.07	32	81.28
631	22	6.71	15	38.10	671	25	7.62	18	45.72	711	25	7.62	21	53.34
632	35	10.67	17	43.18	672	45	13.72	22	55.88	712	45	13.72	16	40.64
633	55	16.76	23	58.42	673	25	7.62	15	38.10	713	48	14.63	14	35.56
634	16	4.88	11	27.94	674	30	9.14	20	50.80	714	37	11.28	23	58.42
635	50	15.24	24	60.96	675	28	8.53	17	43.18	715	50	15.24	21	53.34
636	16	4.88	12	30.48	676	25	7.62	17	43.18	716	50	15.24	30	76.20
637	30	9.14	21	53.34	677	29	8.84	17	43.18	717	52	15.85	17	43.18
638	28	8.53	15	38.10	678	30	9.14	15	38.10	718	42	12.80	32	81.28
639	60	18.29	19	48.26	679	25	7.62	16	40.64	719	55	16.76	27	68.58
640	30	9.14	21	53.34	680	12	3.66	11	27.94	720	56	17.07	17	43.18

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
721	34	10.36	23	58.42	761	35	10.67	14	35.56	801	19	5.79	12	30.48
722	58	17.68	22	55.88	762	15	4.57	10	25.40	802	27	8.23	18	45.72
723	35	10.67	12	30.48	763	25	7.62	16	40.64	803	38	11.58	16	40.64
724	15	4.57	11	27.94	764	38	11.58	17	43.18	804	55	16.76	24	60.96
725	25	7.62	15	38.10	765	30	9.14	18	45.72	805	30	9.14	20	50.80
726	42	12.80	20	50.80	766	50	15.24	24	60.96	806	20	6.10	12	30.48
727	45	13.72	13	33.02	767	52	15.85	27	68.58	807	55	16.76	24	60.96
728	27	8.23	13	33.02	768	35	10.67	21	53.34	808	48	14.63	19	48.26
729	25	7.62	15	38.10	769	50	15.24	25	63.50	809	20	6.10	12	30.48
730	41	12.50	16	40.64	770	35	10.67	17	43.18	810	30	9.14	17	43.18
731	29	8.84	21	53.34	771	35	10.67	19	48.26	811	49	14.94	18	45.72
732	58	17.68	22	55.88	772	42	12.80	21	53.34	812	32	9.75	15	38.10
733	25	7.62	15	38.10	773	55	16.76	24	60.96	813	42	12.80	17	43.18
734	26	7.92	15	38.10	774	40	12.19	19	48.26	814	45	13.72	18	45.72
735	20	6.10	12	30.48	775	45	13.72	18	45.72	815	50	15.24	29	73.66
736	42	12.80	20	50.80	776	50	15.24	21	53.34	816	55	16.76	30	76.20
737	45	13.72	20	50.80	777	25	7.62	13	33.02	817	35	10.67	17	43.18
738	20	6.10	10	25.40	778	52	15.85	31	78.74	818	28	8.53	12	30.48
739	35	10.67	14	35.56	779	50	15.24	20	50.80	819	50	15.24	29	73.66
740	35	10.67	20	50.80	780	25	7.62	11	27.94	820	28	8.53	15	38.10
741	25	7.62	13	33.02	781	20	6.10	10	25.40	821	37	11.28	18	45.72
742	32	9.75	21	53.34	782	60	18.29	21	53.34	822	28	8.53	14	35.56
743	60	18.29	21	53.34	783	55	16.76	25	63.50	823	34	10.36	20	50.80
744	50	15.24	30	76.20	784	20	6.10	14	35.56	824	45	13.72	22	55.88
745	55	16.76	33	83.82	785	27	8.23	22	55.88	825	30	9.14	12	30.48
746	35	10.67	25	63.50	786	55	16.76	22	55.88	826	30	9.14	17	43.18
747	45	13.72	21	53.34	787	16	4.88	11	27.94	827	40	12.19	16	40.64
748	35	10.67	24	60.96	788	19	5.79	11	27.94	828	45	13.72	22	55.88
749	55	16.76	19	48.26	789	20	6.10	18	45.72	829	45	13.72	38	96.52
750	56	17.07	20	50.80	790	35	10.67	18	45.72	830	30	9.14	17	43.18
751	51	15.54	19	48.26	791	43	13.11	22	55.88	831	35	10.67	13	33.02
752	45	13.72	19	48.26	792	37	11.28	19	48.26	832	20	6.10	11	27.94
753	32	9.75	21	53.34	793	20	6.10	10	25.40	833	50	15.24	25	63.50
754	35	10.67	20	50.80	794	42	12.80	19	48.26	834	50	15.24	22	55.88
755	42	12.80	17	43.18	795	20	6.10	10	25.40	835	30	9.14	13	33.02
756	56	17.07	28	71.12	796	15	4.57	23	58.42	836	24	7.32	20	50.80
757	42	12.80	12	30.48	797	28	8.53	25	63.50	837	45	13.72	25	63.50
758	20	6.10	16	40.64	798	21	6.40	16	40.64	838	19	5.79	16	40.64
759	22	6.71	15	38.10	799	51	15.54	18	45.72	839	25	7.62	17	43.18
760	45	13.72	32	81.28	800	16	4.88	14	35.56	840	45	13.72	24	60.96

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
841	30	9.14	18	45.72	881	36	10.97	16	40.64	921	30	9.14	15	38.10
842	32	9.75	13	33.02	882	25	7.62	12	30.48	922	30	9.14	18	45.72
843	25	7.62	22	55.88	883	20	6.10	17	43.18	923	40	12.19	21	53.34
844	60	18.29	23	58.42	884	25	7.62	15	38.10	924	25	7.62	14	35.56
845	50	15.24	21	53.34	885	30	9.14	14	35.56	925	35	10.67	14	35.56
846	18	5.49	13	33.02	886	35	10.67	15	38.10	926	36	10.97	14	35.56
847	50	15.24	25	63.50	887	50	15.24	21	53.34	927	30	9.14	14	35.56
848	32	9.75	17	43.18	888	16	4.88	30	76.20	928	30	9.14	22	55.88
849	18	5.49	11	27.94	889	35	10.67	16	40.64	929	45	13.72	17	43.18
850	25	7.62	14	35.56	890	16	4.88	13	33.02	930	20	6.10	10	25.40
851	25	7.62	17	43.18	891	32	9.75	14	35.56	931	22	6.71	14	35.56
852	38	11.58	15	38.10	892	35	10.67	28	71.12	932	35	10.67	16	40.64
853	37	11.28	17	43.18	893	50	15.24	22	55.88	933	52	15.85	23	58.42
854	40	12.19	16	40.64	894	28	8.53	16	40.64	934	50	15.24	38	96.52
855	50	15.24	21	53.34	895	35	10.67	18	45.72	935	56	17.07	27	68.58
856	20	6.10	18	45.72	896	55	16.76	29	73.66	936	35	10.67	20	50.80
857	23	7.01	55	139.70	897	20	6.10	12	30.48	937	42	12.80	12	30.48
858	28	8.53	13	33.02	898	35	10.67	14	35.56	938	50	15.24	19	48.26
859	35	10.67	24	60.96	899	30	9.14	21	53.34	939	62	18.90	27	68.58
860	30	9.14	18	45.72	900	20	6.10	11	27.94	940	35	10.67	19	48.26
861	35	10.67	17	43.18	901	30	9.14	26	66.04	941	45	13.72	25	63.50
862	18	5.49	14	35.56	902	55	16.76	25	63.50	942	20	6.10	15	38.10
863	16	4.88	10	25.40	903	38	11.58	13	33.02	943	38	11.58	14	35.56
864	55	16.76	22	55.88	904	25	7.62	14	35.56	944	26	7.92	20	50.80
865	35	10.67	16	40.64	905	20	6.10	13	33.02	945	25	7.62	13	33.02
866	53	16.15	26	66.04	906	35	10.67	15	38.10					
867	52	15.85	30	76.20	907	30	9.14	21	53.34					
868	25	7.62	20	50.80	908	25	7.62	15	38.10					
869	28	8.53	14	35.56	909	50	15.24	20	50.80					
870	30	9.14	22	55.88	910	45	13.72	20	50.80					
871	38	11.58	17	43.18	911	50	15.24	24	60.96					
872	35	10.67	14	35.56	912	25	7.62	21	53.34					
873	18	5.49	13	33.02	913	55	16.76	13	33.02					
874	25	7.62	14	35.56	914	25	7.62	18	45.72					
875	40	12.19	15	38.10	915	58	17.68	27	68.58					
876	30	9.14	20	50.80	916	30	9.14	17	43.18					
877	15	4.57	27	68.58	917	50	15.24	29	73.66					
878	27	8.23	20	50.80	918	22	6.71	12	30.48					
879	30	9.14	13	33.02	919	30	9.14	16	40.64					
880	30	9.14	17	43.18	920	35	10.67	16	40.64					

Terminalia bellirica / (Bohera)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	25	7.62	32	81.28
2	25	7.62	24	60.96
3	30	9.14	28	71.12
4	28	8.53	16	40.64
5	30	9.14	29	73.66
6	30	9.14	28	71.12
7	50	15.24	30	76.20
8	55	16.76	39	99.06
9	50	15.24	21	53.34

Buchanania lanzan/ (Piyal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	27	8.23	25	63.50

Diospyros excelsa/ (Kendu)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	15	4.57	10	25.40

PANCHET

Panchet SP 3

***Shorea robusta*/ (Sal)**

SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	60	18.29	26	66.04	51	15	4.57	10	25.40	101	32	9.75	16	40.64
2	30	9.14	15	38.10	52	25	7.62	13	33.02	102	22	6.71	13	33.02
3	25	7.62	11	27.94	53	25	7.62	13	33.02	103	45	13.72	13	33.02
4	45	13.72	18	45.72	54	40	12.19	24	60.96	104	45	13.72	30	76.20
5	25	7.62	15	38.10	55	42	12.80	20	50.80	105	30	9.14	16	40.64
6	24	7.32	10	25.40	56	43	13.11	21	53.34	106	55	16.76	35	88.90
7	35	10.67	22	55.88	57	25	7.62	10	25.40	107	25	7.62	12	30.48
8	35	10.67	17	43.18	58	28	8.53	11	27.94	108	42	12.80	17	43.18
9	40	12.19	18	45.72	59	35	10.67	15	38.10	109	22	6.71	10	25.40
10	42	12.80	18	45.72	60	55	16.76	27	68.58	110	35	10.67	20	50.80
11	50	15.24	29	73.66	61	30	9.14	16	40.64	111	20	6.10	10	25.40
12	29	8.84	17	43.18	62	25	7.62	17	43.18	112	21	6.40	12	30.48
13	30	9.14	12	30.48	63	27	8.23	12	30.48	113	20	6.10	10	25.40
14	30	9.14	17	43.18	64	30	9.14	15	38.10	114	20	6.10	12	30.48
15	34	10.36	25	63.50	65	25	7.62	30	76.20	115	32	9.75	15	38.10
16	40	12.19	19	48.26	66	62	18.90	21	53.34	116	22	6.71	18	45.72
17	25	7.62	14	35.56	67	40	12.19	21	53.34	117	30	9.14	15	38.10
18	40	12.19	20	50.80	68	65	19.81	16	40.64	118	20	6.10	12	30.48
19	38	11.58	14	35.56	69	35	10.67	12	30.48	119	40	12.19	25	63.50
20	45	13.72	21	53.34	70	27	8.23	10	25.40	120	30	9.14	16	40.64
21	45	13.72	30	76.20	71	22	6.71	28	71.12	121	20	6.10	11	27.94
22	25	7.62	10	25.40	72	60	18.29	16	40.64	122	45	13.72	19	48.26
23	45	13.72	24	60.96	73	20	6.10	16	40.64	123	20	6.10	11	27.94
24	30	9.14	12	30.48	74	40	12.19	14	35.56	124	65	19.81	31	78.74
25	14	4.27	10	25.40	75	25	7.62	21	53.34	125	26	7.92	15	38.10
26	16	4.88	12	30.48	76	45	13.72	10	25.40	126	40	12.19	22	55.88
27	17	5.18	20	50.80	77	18	5.49	28	71.12	127	22	6.71	13	33.02
28	30	9.14	14	35.56	78	50	15.24	16	40.64	128	35	10.67	13	33.02
29	25	7.62	11	27.94	79	40	12.19	32	81.28	129	24	7.32	14	35.56
30	35	10.67	19	48.26	80	56	17.07	28	71.12	130	20	6.10	10	25.40
31	28	8.53	12	30.48	81	50	15.24	11	27.94	131	25	7.62	11	27.94
32	20	6.10	13	33.02	82	15	4.57	10	25.40	132	26	7.92	12	30.48
33	30	9.14	12	30.48	83	25	7.62	17	43.18	133	25	7.62	15	38.10
34	35	10.67	19	48.26	84	45	13.72	11	27.94	134	32	9.75	15	38.10
35	35	10.67	18	45.72	85	20	6.10	18	45.72	135	15	4.57	12	30.48
36	40	12.19	23	58.42	86	40	12.19	22	55.88	136	40	12.19	22	55.88
37	45	13.72	17	43.18	87	35	10.67	17	43.18	137	28	8.53	12	30.48
38	35	10.67	17	43.18	88	35	10.67	13	33.02	138	28	8.53	19	48.26
39	35	10.67	16	40.64	89	30	9.14	10	25.40	139	22	6.71	13	33.02
40	22	6.71	10	25.40	90	25	7.62	13	33.02	140	15	4.57	11	27.94
41	35	10.67	18	45.72	91	20	6.10	19	48.26	141	40	12.19	16	40.64
42	25	7.62	11	27.94	92	45	13.72	20	50.80	142	25	7.62	13	33.02
43	23	7.01	11	27.94	93	45	13.72	19	48.26	143	52	15.85	26	66.04
44	32	9.75	12	30.48	94	35	10.67	11	27.94	144	30	9.14	18	45.72
45	35	10.67	18	45.72	95	25	7.62	10	25.40	145	20	6.10	11	27.94
46	15	4.57	12	30.48	96	25	7.62	13	33.02	146	75	22.86	18	45.72
47	35	10.67	17	43.18	97	27	8.23	12	30.48	147	25	7.62	11	27.94
48	35	10.67	18	45.72	98	20	6.10	10	25.40	148	25	7.62	10	25.40
49	36	10.97	13	33.02	99	15	4.57	10	25.40	149	40	12.19	21	53.34
50	40	12.19	30	76.20	100	20	6.10	14	35.56	150	35	10.67	12	30.48

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	32	9.75	17	43.18	201	26	7.92	13	33.02	251	18	5.49	10	25.40
152	24	7.32	12	30.48	202	25	7.62	13	33.02	252	25	7.62	15	38.10
153	30	9.14	11	27.94	203	20	6.10	10	25.40	253	32	9.75	16	40.64
154	30	9.14	16	40.64	204	20	6.10	11	27.94	254	30	9.14	20	50.80
155	30	9.14	15	38.10	205	25	7.62	10	25.40	255	42	12.80	25	63.50
156	25	7.62	10	25.40	206	22	6.71	30	76.20	256	53	16.15	18	45.72
157	25	7.62	12	30.48	207	58	17.68	18	45.72	257	50	15.24	20	50.80
158	30	9.14	13	33.02	208	35	10.67	17	43.18	258	30	9.14	13	33.02
159	40	12.19	22	55.88	209	30	9.14	22	55.88	259	20	6.10	11	27.94
160	27	8.23	12	30.48	210	27	8.23	11	27.94	260	25	7.62	18	45.72
161	37	11.28	19	48.26	211	35	10.67	14	35.56	261	24	7.32	15	38.10
162	15	4.57	20	50.80	212	30	9.14	12	30.48	262	25	7.62	16	40.64
163	14	4.27	11	27.94	213	25	7.62	17	43.18	263	35	10.67	15	38.10
164	15	4.57	12	30.48	214	32	9.75	17	43.18	264	36	10.97	16	40.64
165	30	9.14	14	35.56	215	30	9.14	18	45.72	265	45	13.72	18	45.72
166	22	6.71	11	27.94	216	30	9.14	14	35.56	266	25	7.62	13	33.02
167	22	6.71	13	33.02	217	65	19.81	31	78.74	267	35	10.67	16	40.64
168	20	6.10	10	25.40	218	32	9.75	14	35.56	268	30	9.14	13	33.02
169	30	9.14	16	40.64	219	50	15.24	25	63.50	269	35	10.67	17	43.18
170	20	6.10	12	30.48	220	45	13.72	19	48.26	270	40	12.19	18	45.72
171	40	12.19	21	53.34	221	45	13.72	14	35.56	271	20	6.10	16	40.64
172	28	8.53	11	27.94	222	30	9.14	15	38.10	272	41	12.50	16	40.64
173	25	7.62	10	25.40	223	35	10.67	16	40.64	273	40	12.19	28	71.12
174	25	7.62	10	25.40	224	20	6.10	12	30.48	274	25	7.62	11	27.94
175	20	6.10	11	27.94	225	20	6.10	10	25.40	275	18	5.49	12	30.48
176	25	7.62	16	40.64	226	25	7.62	18	45.72	276	44	13.41	17	43.18
177	15	4.57	20	50.80	227	20	6.10	12	30.48	277	35	10.67	17	43.18
178	20	6.10	11	27.94	228	25	7.62	11	27.94	278	25	7.62	14	35.56
179	45	13.72	32	81.28	229	25	7.62	10	25.40	279	40	12.19	16	40.64
180	55	16.76	31	78.74	230	35	10.67	16	40.64	280	35	10.67	16	40.64
181	20	6.10	15	38.10	231	30	9.14	14	35.56	281	40	12.19	16	40.64
182	20	6.10	11	27.94	232	25	7.62	15	38.10	282	25	7.62	13	33.02
183	22	6.71	10	25.40	233	67	20.42	30	76.20	283	35	10.67	14	35.56
184	19	5.79	16	40.64	234	18	5.49	16	40.64	284	36	10.97	19	48.26
185	25	7.62	12	30.48	235	30	9.14	16	40.64	285	20	6.10	14	35.56
186	40	12.19	19	48.26	236	25	7.62	10	25.40	286	25	7.62	12	30.48
187	32	9.75	16	40.64	237	26	7.92	10	25.40	287	26	7.92	13	33.02
188	25	7.62	13	33.02	238	26	7.92	14	35.56	288	14	4.27	10	25.40
189	20	6.10	10	25.40	239	62	18.90	32	81.28	289	20	6.10	10	25.40
190	22	6.71	17	43.18	240	35	10.67	16	40.64	290	19	5.79	11	27.94
191	24	7.32	19	48.26	241	40	12.19	23	58.42	291	35	10.67	17	43.18
192	20	6.10	12	30.48	242	25	7.62	13	33.02	292	62	18.90	30	76.20
193	24	7.32	10	25.40	243	18	5.49	14	35.56	293	50	15.24	28	71.12
194	20	6.10	12	30.48	244	20	6.10	11	27.94	294	52	15.85	38	96.52
195	25	7.62	12	30.48	245	20	6.10	12	30.48	295	40	12.19	17	43.18
196	26	7.92	10	25.40	246	25	7.62	18	45.72	296	33	10.06	13	33.02
197	25	7.62	14	35.56	247	42	12.80	20	50.80	297	25	7.62	11	27.94
198	62	18.90	19	48.26	248	30	9.14	17	43.18	298	25	7.62	11	27.94
199	32	9.75	12	30.48	249	20	6.10	10	25.40	299	22	6.71	15	38.10
200	40	12.19	29	73.66	250	37	11.28	20	50.80	300	30	9.14	18	45.72

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	17	5.18	11	27.94	351	25	7.62	13	33.02	401	45	13.72	34	86.36
302	16	4.88	14	35.56	352	26	7.92	17	43.18	402	25	7.62	12	30.48
303	15	4.57	13	33.02	353	25	7.62	11	27.94	403	28	8.53	13	33.02
304	35	10.67	13	33.02	354	25	7.62	18	45.72	404	30	9.14	17	43.18
305	30	9.14	28	71.12	355	35	10.67	16	40.64	405	30	9.14	18	45.72
306	35	10.67	16	40.64	356	35	10.67	14	35.56	406	50	15.24	32	81.28
307	27	8.23	17	43.18	357	20	6.10	10	25.40	407	53	16.15	19	48.26
308	32	9.75	12	30.48	358	25	7.62	18	45.72	408	22	6.71	14	35.56
309	28	8.53	12	30.48	359	40	12.19	16	40.64	409	50	15.24	26	66.04
310	35	10.67	12	30.48	360	35	10.67	20	50.80	410	25	7.62	11	27.94
311	28	8.53	20	50.80	361	34	10.36	13	33.02	411	25	7.62	15	38.10
312	25	7.62	13	33.02	362	52	15.85	18	45.72	412	25	7.62	14	35.56
313	21	6.40	15	38.10	363	30	9.14	12	30.48	413	28	8.53	12	30.48
314	60	18.29	14	35.56	364	25	7.62	14	35.56	414	40	12.19	16	40.64
315	30	9.14	22	55.88	365	29	8.84	13	33.02	415	40	12.19	14	35.56
316	38	11.58	13	33.02	366	25	7.62	11	27.94	416	45	13.72	22	55.88
317	30	9.14	15	38.10	367	24	7.32	13	33.02	417	25	7.62	11	27.94
318	42	12.80	15	38.10	368	38	11.58	14	35.56	418	20	6.10	12	30.48
319	43	13.11	16	40.64	369	50	15.24	20	50.80	419	31	9.45	14	35.56
320	25	7.62	12	30.48	370	25	7.62	15	38.10	420	25	7.62	13	33.02
321	28	8.53	11	27.94	371	50	15.24	24	60.96	421	30	9.14	13	33.02
322	22	6.71	16	40.64	372	35	10.67	16	40.64	422	20	6.10	12	30.48
323	25	7.62	11	27.94	373	35	10.67	14	35.56	423	35	10.67	16	40.64
324	28	8.53	11	27.94	374	25	7.62	10	25.40	424	30	9.14	15	38.10
325	30	9.14	13	33.02	375	26	7.92	16	40.64	425	20	6.10	11	27.94
326	40	12.19	14	35.56	376	30	9.14	14	35.56	426	30	9.14	15	38.10
327	25	7.62	14	35.56	377	35	10.67	12	30.48	427	20	6.10	11	27.94
328	20	6.10	14	35.56	378	16	4.88	12	30.48	428	20	6.10	10	25.40
329	25	7.62	10	25.40	379	35	10.67	19	48.26	429	30	9.14	14	35.56
330	25	7.62	13	33.02	380	32	9.75	13	33.02	430	25	7.62	15	38.10
331	25	7.62	15	38.10	381	45	13.72	22	55.88	431	27	8.23	14	35.56
332	45	13.72	19	48.26	382	40	12.19	17	43.18	432	35	10.67	15	38.10
333	25	7.62	10	25.40	383	15	4.57	10	25.40	433	18	5.49	15	38.10
334	50	15.24	21	53.34	384	30	9.14	15	38.10	434	20	6.10	10	25.40
335	32	9.75	13	33.02	385	62	18.90	45	114.30	435	35	10.67	10	25.40
336	30	9.14	15	38.10	386	65	19.81	30	76.20	436	34	10.36	17	43.18
337	30	9.14	14	35.56	387	30	9.14	14	35.56	437	30	9.14	17	43.18
338	45	13.72	17	43.18	388	45	13.72	22	55.88	438	20	6.10	15	38.10
339	40	12.19	16	40.64	389	35	10.67	18	45.72	439	25	7.62	12	30.48
340	23	7.01	11	27.94	390	22	6.71	10	25.40	440	28	8.53	12	30.48
341	20	6.10	10	25.40	391	72	21.95	25	63.50	441	40	12.19	13	33.02
342	50	15.24	21	53.34	392	52	15.85	14	35.56	442	30	9.14	17	43.18
343	50	15.24	13	33.02	393	50	15.24	18	45.72	443	50	15.24	16	40.64
344	35	10.67	15	38.10	394	25	7.62	11	27.94	444	35	10.67	32	81.28
345	19	5.79	14	35.56	395	25	7.62	14	35.56	445	36	10.97	24	60.96
346	45	13.72	17	43.18	396	25	7.62	16	40.64	446	35	10.67	16	40.64
347	45	13.72	16	40.64	397	32	9.75	12	30.48	447	42	12.80	21	53.34
348	20	6.10	11	27.94	398	50	15.24	28	71.12	448	35	10.67	20	50.80
349	25	7.62	10	25.40	399	25	7.62	11	27.94	449	20	6.10	13	33.02
350	25	7.62	13	33.02	400	25	7.62	19	48.26	450	22	6.71	11	27.94

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	20	6.10	12	30.48	501	62	18.90	38	96.52	551	25	7.62	20	50.80
452	40	12.19	18	45.72	502	22	6.71	12	30.48	552	25	7.62	13	33.02
453	20	6.10	13	33.02	503	40	12.19	15	38.10	553	55	16.76	25	63.50
454	45	13.72	19	48.26	504	47	14.33	22	55.88	554	40	12.19	25	63.50
455	35	10.67	20	50.80	505	40	12.19	17	43.18	555	25	7.62	13	33.02
456	25	7.62	12	30.48	506	35	10.67	12	30.48	556	18	5.49	10	25.40
457	50	15.24	28	71.12	507	45	13.72	28	71.12	557	22	6.71	13	33.02
458	35	10.67	17	43.18	508	46	14.02	38	96.52	558	15	4.57	12	30.48
459	78	23.77	45	114.30	509	47	14.33	39	99.06	559	21	6.40	11	27.94
460	42	12.80	20	50.80	510	42	12.80	20	50.80	560	25	7.62	11	27.94
461	45	13.72	16	40.64	511	21	6.40	15	38.10	561	22	6.71	18	45.72
462	40	12.19	26	66.04	512	20	6.10	11	27.94	562	60	18.29	15	38.10
463	35	10.67	11	27.94	513	30	9.14	16	40.64	563	25	7.62	26	66.04
464	65	19.81	25	63.50	514	26	7.92	18	45.72	564	26	7.92	10	25.40
465	25	7.62	15	38.10	515	25	7.62	19	48.26	565	50	15.24	14	35.56
466	22	6.71	10	25.40	516	35	10.67	17	43.18	566	35	10.67	26	66.04
467	30	9.14	15	38.10	517	20	6.10	12	30.48	567	30	9.14	28	71.12
468	38	11.58	18	45.72	518	19	5.79	12	30.48	568	30	9.14	15	38.10
469	35	10.67	14	35.56	519	25	7.62	11	27.94	569	50	15.24	12	30.48
470	20	6.10	10	25.40	520	37	11.28	22	55.88	570	55	16.76	18	45.72
471	30	9.14	18	45.72	521	28	8.53	14	35.56	571	30	9.14	20	50.80
472	40	12.19	20	50.80	522	46	14.02	20	50.80	572	50	15.24	18	45.72
473	30	9.14	16	40.64	523	35	10.67	21	53.34	573	35	10.67	17	43.18
474	25	7.62	15	38.10	524	35	10.67	14	35.56	574	40	12.19	16	40.64
475	38	11.58	14	35.56	525	20	6.10	11	27.94	575	60	18.29	22	55.88
476	27	8.23	13	33.02	526	28	8.53	12	30.48	576	60	18.29	38	96.52
477	50	15.24	27	68.58	527	40	12.19	20	50.80	577	42	12.80	18	45.72
478	27	8.23	12	30.48	528	45	13.72	19	48.26	578	16	4.88	10	25.40
479	40	12.19	17	43.18	529	65	19.81	42	106.68	579	22	6.71	10	25.40
480	60	18.29	28	71.12	530	30	9.14	18	45.72	580	55	16.76	26	66.04
481	25	7.62	11	27.94	531	35	10.67	14	35.56	581	30	9.14	12	30.48
482	25	7.62	10	25.40	532	40	12.19	18	45.72	582	22	6.71	10	25.40
483	40	12.19	15	38.10	533	20	6.10	10	25.40	583	35	10.67	19	48.26
484	42	12.80	18	45.72	534	55	16.76	28	71.12	584	30	9.14	23	58.42
485	35	10.67	16	40.64	535	27	8.23	15	38.10	585	50	15.24	15	38.10
486	45	13.72	30	76.20	536	30	9.14	16	40.64	586	29	8.84	19	48.26
487	75	22.86	32	81.28	537	55	16.76	26	66.04	587	35	10.67	18	45.72
488	37	11.28	18	45.72	538	30	9.14	15	38.10	588	15	4.57	12	30.48
489	38	11.58	14	35.56	539	32	9.75	14	35.56	589	26	7.92	16	40.64
490	45	13.72	23	58.42	540	65	19.81	35	88.90	590	50	15.24	15	38.10
491	42	12.80	22	55.88	541	35	10.67	22	55.88	591	52	15.85	20	50.80
492	42	12.80	15	38.10	542	36	10.97	14	35.56	592	35	10.67	20	50.80
493	30	9.14	19	48.26	543	30	9.14	15	38.10	593	35	10.67	12	30.48
494	30	9.14	17	43.18	544	30	9.14	14	35.56	594	15	4.57	12	30.48
495	32	9.75	25	63.50	545	18	5.49	12	30.48	595	35	10.67	20	50.80
496	25	7.62	10	25.40	546	20	6.10	12	30.48	596	26	7.92	14	35.56
497	27	8.23	11	27.94	547	20	6.10	10	25.40	597	32	9.75	14	35.56
498	20	6.10	10	25.40	548	30	9.14	10	25.40	598	25	7.62	15	38.10
499	30	9.14	20	50.80	549	35	10.67	16	40.64	599	26	7.92	14	35.56
500	60	18.29	15	38.10	550	35	10.67	20	50.80	600	35	10.67	13	33.02

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	40	12.19	13	33.02	651	44	13.41	17	43.18	701	42	12.80	16	40.64
602	26	7.92	22	55.88	652	25	7.62	13	33.02	702	25	7.62	14	35.56
603	50	15.24	11	27.94	653	20	6.10	12	30.48	703	20	6.10	11	27.94
604	25	7.62	12	30.48	654	30	9.14	11	27.94	704	30	9.14	15	38.10
605	27	8.23	13	33.02	655	25	7.62	12	30.48	705	30	9.14	17	43.18
606	15	4.57	11	27.94	656	24	7.32	10	25.40	706	50	15.24	19	48.26
607	25	7.62	15	38.10	657	55	16.76	25	63.50	707	25	7.62	17	43.18
608	26	7.92	20	50.80	658	40	12.19	16	40.64	708	30	9.14	15	38.10
609	30	9.14	16	40.64	659	65	19.81	34	86.36	709	35	10.67	22	55.88
610	26	7.92	18	45.72	660	20	6.10	10	25.40	710	45	13.72	15	38.10
611	25	7.62	19	48.26	661	40	12.19	19	48.26	711	21	6.40	15	38.10
612	35	10.67	17	43.18	662	22	6.71	15	38.10	712	25	7.62	13	33.02
613	20	6.10	12	30.48	663	35	10.67	14	35.56	713	35	10.67	19	48.26
614	19	5.79	12	30.48	664	38	11.58	14	35.56	714	40	12.19	21	53.34
615	25	7.62	11	27.94	665	35	10.67	18	45.72	715	40	12.19	32	81.28
616	37	11.28	22	55.88	666	20	6.10	10	25.40	716	30	9.14	18	45.72
617	28	8.53	14	35.56	667	50	15.24	20	50.80	717	15	4.57	12	30.48
618	46	14.02	20	50.80	668	45	13.72	15	38.10	718	30	9.14	19	48.26
619	35	10.67	21	53.34	669	30	9.14	16	40.64	719	20	6.10	16	40.64
620	35	10.67	14	35.56	670	30	9.14	16	40.64	720	28	8.53	11	27.94
621	20	6.10	11	27.94	671	45	13.72	20	50.80	721	35	10.67	22	55.88
622	28	8.53	12	30.48	672	40	12.19	13	33.02	722	22	6.71	14	35.56
623	40	12.19	20	50.80	673	30	9.14	14	35.56	723	20	6.10	12	30.48
624	45	13.72	19	48.26	674	25	7.62	12	30.48	724	35	10.67	14	35.56
625	65	19.81	42	106.68	675	20	6.10	13	33.02	725	35	10.67	16	40.64
626	30	9.14	18	45.72	676	25	7.62	14	35.56	726	38	11.58	14	35.56
627	35	10.67	14	35.56	677	32	9.75	13	33.02	727	35	10.67	16	40.64
628	40	12.19	18	45.72	678	40	12.19	15	38.10	728	40	12.19	20	50.80
629	20	6.10	10	25.40	679	25	7.62	17	43.18	729	14	4.27	30	76.20
630	55	16.76	28	71.12	680	60	18.29	22	55.88	730	35	10.67	18	45.72
631	27	8.23	15	38.10	681	35	10.67	16	40.64	731	42	12.80	15	38.10
632	30	9.14	16	40.64	682	35	10.67	17	43.18	732	40	12.19	19	48.26
633	55	16.76	26	66.04	683	24	7.32	10	25.40	733	35	10.67	19	48.26
634	30	9.14	15	38.10	684	25	7.62	14	35.56	734	45	13.72	25	63.50
635	32	9.75	14	35.56	685	50	15.24	20	50.80	735	20	6.10	10	25.40
636	65	19.81	35	88.90	686	35	10.67	20	50.80	736	48	14.63	22	55.88
637	35	10.67	22	55.88	687	32	9.75	13	33.02	737	25	7.62	12	30.48
638	36	10.97	14	35.56	688	15	4.57	12	30.48	738	17	5.18	36	91.44
639	30	9.14	15	38.10	689	23	7.01	17	43.18	739	25	7.62	14	35.56
640	30	9.14	14	35.56	690	25	7.62	18	45.72	740	35	10.67	13	33.02
641	45	13.72	19	48.26	691	20	6.10	16	40.64	741	45	13.72	19	48.26
642	19	5.79	11	27.94	692	20	6.10	10	25.40	742	30	9.14	12	30.48
643	38	11.58	15	38.10	693	25	7.62	10	25.40	743	35	10.67	12	30.48
644	40	12.19	18	45.72	694	15	4.57	14	35.56	744	21	6.40	16	40.64
645	35	10.67	19	48.26	695	45	13.72	14	35.56	745	30	9.14	26	66.04
646	35	10.67	13	33.02	696	15	4.57	16	40.64	746	25	7.62	14	35.56
647	45	13.72	20	50.80	697	20	6.10	12	30.48	747	30	9.14	14	35.56
648	45	13.72	15	38.10	698	30	9.14	10	25.40	748	25	7.62	13	33.02
649	42	12.80	15	38.10	699	20	6.10	10	25.40	749	25	7.62	13	33.02
650	35	10.67	16	40.64	700	35	10.67	10	25.40	750	35	10.67	11	27.94

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
751	15	4.57	13	33.02	801	25	7.62	12	30.48	851	35	10.67	12	30.48
752	35	10.67	12	30.48	802	30	9.14	16	40.64	852	35	10.67	18	45.72
753	35	10.67	13	33.02	803	25	7.62	17	43.18	853	35	10.67	16	40.64
754	38	11.58	19	48.26	804	15	4.57	15	38.10	854	18	5.49	14	35.56
755	25	7.62	14	35.56	805	25	7.62	12	30.48	855	26	7.92	13	33.02
756	35	10.67	17	43.18	806	35	10.67	18	45.72	856	20	6.10	12	30.48
757	30	9.14	23	58.42	807	30	9.14	16	40.64	857	50	15.24	23	58.42
758	35	10.67	13	33.02	808	35	10.67	11	27.94	858	25	7.62	15	38.10
759	22	6.71	11	27.94	809	30	9.14	18	45.72	859	26	7.92	11	27.94
760	35	10.67	18	45.72	810	20	6.10	18	45.72	860	20	6.10	18	45.72
761	43	13.11	15	38.10	811	46	14.02	10	25.40	861	35	10.67	12	30.48
762	36	10.97	19	48.26	812	21	6.40	30	76.20	862	45	13.72	19	48.26
763	30	9.14	11	27.94	813	45	13.72	12	30.48	863	20	6.10	15	38.10
764	20	6.10	26	66.04	814	40	12.19	21	53.34	864	25	7.62	15	38.10
765	35	10.67	15	38.10	815	46	14.02	14	35.56	865	62	18.90	20	50.80
766	28	8.53	16	40.64	816	35	10.67	35	88.90	866	33	10.06	12	30.48
767	36	10.97	17	43.18	817	40	12.19	14	35.56	867	44	13.41	21	53.34
768	48	14.63	22	55.88	818	35	10.67	28	71.12	868	25	7.62	13	33.02
769	30	9.14	16	40.64	819	38	11.58	17	43.18	869	16	4.88	10	25.40
770	30	9.14	16	40.64	820	22	6.71	15	38.10	870	35	10.67	13	33.02
771	24	7.32	10	25.40	821	40	12.19	10	25.40	871	30	9.14	18	45.72
772	20	6.10	13	33.02	822	35	10.67	15	38.10	872	30	9.14	16	40.64
773	25	7.62	16	40.64	823	32	9.75	12	30.48	873	30	9.14	10	25.40
774	30	9.14	12	30.48	824	20	6.10	12	30.48	874	42	12.80	14	35.56
775	19	5.79	19	48.26	825	30	9.14	12	30.48	875	30	9.14	13	33.02
776	25	7.62	14	35.56	826	30	9.14	22	55.88	876	30	9.14	14	35.56
777	40	12.19	32	81.28	827	41	12.50	11	27.94	877	40	12.19	18	45.72
778	52	15.85	21	53.34	828	35	10.67	15	38.10	878	20	6.10	10	25.40
779	40	12.19	15	38.10	829	19	5.79	30	76.20	879	35	10.67	17	43.18
780	35	10.67	16	40.64	830	35	10.67	13	33.02	880	30	9.14	18	45.72
781	20	6.10	12	30.48	831	18	5.49	11	27.94	881	20	6.10	12	30.48
782	52	15.85	22	55.88	832	42	12.80	18	45.72	882	35	10.67	14	35.56
783	36	10.97	20	50.80	833	30	9.14	12	30.48	883	25	7.62	18	45.72
784	35	10.67	14	35.56	834	20	6.10	18	45.72	884	66	20.12	37	93.98
785	30	9.14	19	48.26	835	52	15.85	28	71.12	885	25	7.62	13	33.02
786	40	12.19	19	48.26	836	20	6.10	14	35.56	886	**35**	10.67	17	43.18
787	30	9.14	17	43.18	837	35	10.67	25	63.50	887	65	19.81	20	50.80
788	42	12.80	15	38.10	838	22	6.71	14	35.56	888	65	19.81	13	33.02
789	21	6.40	14	35.56	839	20	6.10	16	40.64	889	27	8.23	13	33.02
790	40	12.19	21	53.34	840	40	12.19	20	50.80	890	50	15.24	28	71.12
791	23	7.01	12	30.48	841	40	12.19	17	43.18	891	52	15.85	25	63.50
792	25	7.62	13	33.02	842	30	9.14	17	43.18	892	35	10.67	17	43.18
793	42	12.80	14	35.56	843	55	16.76	18	45.72	893	30	9.14	16	40.64
794	50	15.24	19	48.26	844	25	7.62	19	48.26	894	25	7.62	14	35.56
795	20	6.10	10	25.40	845	15	4.57	13	33.02	895	25	7.62	20	50.80
796	30	9.14	17	43.18	846	35	10.67	17	43.18	896	25	7.62	12	30.48
797	40	12.19	20	50.80	847	35	10.67	25	63.50	897	30	9.14	15	38.10
798	28	8.53	18	45.72	848	35	10.67	18	45.72	898	60	18.29	20	50.80
799	21	6.40	12	30.48	849	28	8.53	13	33.02	899	22	6.71	13	33.02
800	20	6.10	20	50.80	850	17	5.18	17	43.18	900	36	10.97	18	45.72

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
901	35	10.67	17	43.18	951	30	9.14	14	35.56	1001	26	7.92	11	27.94
902	55	16.76	32	81.28	952	22	6.71	10	25.40	1002	20	6.10	11	27.94
903	45	13.72	22	55.88	953	13	3.96	11	27.94	1003	40	12.19	17	43.18
904	18	5.49	10	25.40	954	21	6.40	17	43.18	1004	30	9.14	15	38.10
905	40	12.19	22	55.88	955	25	7.62	12	30.48	1005	52	15.85	16	40.64
906	28	8.53	10	25.40	956	66	20.12	17	43.18	1006	35	10.67	15	38.10
907	20	6.10	30	76.20	957	35	10.67	16	40.64	1007	40	12.19	28	71.12
908	50	15.24	11	27.94	958	20	6.10	12	30.48	1008	15	4.57	10	25.40
909	24	7.32	10	25.40	959	32	9.75	12	30.48	1009	48	14.63	20	50.80
910	20	6.10	20	50.80	960	45	13.72	18	45.72	1010	20	6.10	14	35.56
911	24	7.32	18	45.72	961	25	7.62	12	30.48	1011	37	11.28	20	50.80
912	24	7.32	12	30.48	962	50	15.24	20	50.80	1012	25	7.62	10	25.40
913	20	6.10	10	25.40	963	13	3.96	10	25.40	1013	30	9.14	10	25.40
914	16	4.88	12	30.48	964	25	7.62	14	35.56	1014	56	17.07	23	58.42
915	28	8.53	11	27.94	965	22	6.71	14	35.56	1015	25	7.62	12	30.48
916	25	7.62	12	30.48	966	52	15.85	19	48.26	1016	35	10.67	16	40.64
917	26	7.92	14	35.56	967	21	6.40	16	40.64	1017	28	8.53	12	30.48
918	25	7.62	11	27.94	968	50	15.24	31	78.74	1018	34	10.36	13	33.02
919	16	4.88	22	55.88	969	22	6.71	11	27.94	1019	45	13.72	14	35.56
920	36	10.97	12	30.48	970	22	6.71	13	33.02	1020	40	12.19	17	43.18
921	26	7.92	12	30.48	971	30	9.14	16	40.64	1021	42	12.80	13	33.02
922	28	8.53	20	50.80	972	45	13.72	27	68.58	1022	25	7.62	14	35.56
923	35	10.67	15	38.10	973	25	7.62	13	33.02	1023	43	13.11	13	33.02
924	36	10.97	18	45.72	974	38	11.58	13	33.02	1024	35	10.67	15	38.10
925	52	15.85	14	35.56	975	25	7.62	15	38.10	1025	15	4.57	10	25.40
926	32	9.75	10	25.40	976	26	7.92	11	27.94	1026	45	13.72	17	43.18
927	20	6.10	12	30.48	977	22	6.71	11	27.94	1027	38	11.58	17	43.18
928	25	7.62	16	40.64	978	20	6.10	11	27.94	1028	20	6.10	18	45.72
929	20	6.10	15	38.10	979	30	9.14	13	33.02	1029	19	5.79	12	30.48
930	25	7.62	20	50.80	980	30	9.14	16	40.64	1030	32	9.75	12	30.48
931	26	7.92	11	27.94	981	18	5.49	14	35.56	1031	34	10.36	14	35.56
932	25	7.62	15	38.10	982	60	18.29	12	30.48	1032	35	10.67	12	30.48
933	17	5.18	10	25.40	983	30	9.14	19	48.26	1033	62	18.90	20	50.80
934	15	4.57	12	30.48	984	28	8.53	17	43.18	1034	20	6.10	12	30.48
935	35	10.67	12	30.48	985	20	6.10	12	30.48	1035	38	11.58	18	45.72
936	14	4.27	11	27.94	986	25	7.62	11	27.94	1036	25	7.62	13	33.02
937	35	10.67	20	50.80	987	25	7.62	13	33.02	1037	24	7.32	10	25.40
938	36	10.97	15	38.10	988	40	12.19	27	68.58	1038	65	19.81	30	76.20
939	22	6.71	11	27.94	989	28	8.53	11	27.94	1039	42	12.80	19	48.26
940	35	10.67	14	35.56	990	40	12.19	15	38.10	1040	26	7.92	11	27.94
941	20	6.10	16	40.64	991	18	5.49	10	25.40	1041	20	6.10	14	35.56
942	40	12.19	28	71.12	992	45	13.72	16	40.64	1042	21	6.40	13	33.02
943	55	16.76	32	81.28	993	50	15.24	23	58.42	1043	42	12.80	19	48.26
944	63	19.20	32	81.28	994	20	6.10	10	25.40	1044	35	10.67	14	35.56
945	38	11.58	17	43.18	995	41	12.50	14	35.56	1045	32	9.75	16	40.64
946	38	11.58	16	40.64	996	30	9.14	12	30.48	1046	26	7.92	10	25.40
947	60	18.29	36	91.44	997	35	10.67	22	55.88	1047	27	8.23	16	40.64
948	30	9.14	14	35.56	998	22	6.71	10	25.40	1048	35	10.67	22	55.88
949	23	7.01	15	38.10	999	45	13.72	14	35.56	1049	20	6.10	10	25.40
950	26	7.92	20	50.80	1000	25	7.62	12	30.48	1050	28	8.53	11	27.94

PANCHET

***Shorea robusta*/ (Sal)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1051	45	13.72	17	43.18
1052	35	10.67	16	40.64
1053	35	10.67	16	40.64
1054	6	1.83	10	25.40
1055	36	10.97	18	45.72
1056	30	9.14	12	30.48
1057	25	7.62	16	40.64
1058	20	6.10	10	25.40
1059	25	7.62	14	35.56
1060	45	13.72	21	53.34
1061	52	15.85	34	86.36
1062	30	9.14	11	27.94
1063	50	15.24	23	58.42
1064	35	10.67	20	50.80
1065	45	13.72	17	43.18
1066	43	13.11	15	38.10
1067	40	12.19	16	40.64
1068	38	11.58	14	35.56
1069	62	18.90	36	91.44
1070	25	7.62	11	27.94
1071	35	10.67	14	35.56
1072	35	10.67	20	50.80
1073	35	10.67	13	33.02
1074	32	9.75	13	33.02
1075	35	10.67	19	48.26
1076	44	13.41	16	40.64
1077	25	7.62	14	35.56
1078	20	6.10	14	35.56
1079	35	10.67	13	33.02
1080	38	11.58	14	35.56
1081	40	12.19	19	48.26
1082	37	11.28	14	35.56
1083	35	10.67	15	38.10
1084	42	12.80	22	55.88
1085	18	5.49	12	30.48
1086	30	9.14	12	30.48
1087	40	12.19	23	58.42
1088	46	14.02	25	63.50

***Madhuca latifolia*/ (Mahua)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94

***Pterocarpus marsupium*/ (piyasal)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	44	111.8
2	18	5.49	11	27.94

***Semecarpas anacardium*/ (Vella)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	27	8.23	25	63.50

***Terminalia bellirica* / (Bohera)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	40	12.19	29	73.66

PANCHET

Panchet SP 4 *Shorea robusta*/ (Sal)

SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	32	9.75	33	83.82	51	25	7.62	11	27.94	101	22	6.71	22	55.88
2	25	7.62	11	27.94	52	20	6.10	11	27.94	102	23	7.01	16	40.64
3	60	18.29	26	66.04	53	30	9.14	14	35.56	103	45	13.72	27	68.58
4	22	6.71	40	101.60	54	30	9.14	16	40.64	104	30	9.14	13	33.02
5	35	10.67	16	40.64	55	25	7.62	10	25.40	105	25	7.62	13	33.02
6	30	9.14	17	43.18	56	30	9.14	15	38.10	106	38	11.58	15	38.10
7	35	10.67	16	40.64	57	25	7.62	10	25.40	107	25	7.62	11	27.94
8	40	12.19	21	53.34	58	24	7.32	14	35.56	108	26	7.92	11	27.94
9	25	7.62	21	53.34	59	35	10.67	17	43.18	109	22	6.71	11	27.94
10	25	7.62	15	38.10	60	25	7.62	10	25.40	110	20	6.10	13	33.02
11	35	10.67	10	25.40	61	25	7.62	10	25.40	111	30	9.14	16	40.64
12	40	12.19	18	45.72	62	25	7.62	13	33.02	112	30	9.14	14	35.56
13	40	12.19	16	40.64	63	21	6.40	10	25.40	113	18	5.49	12	30.48
14	40	12.19	16	40.64	64	20	6.10	14	35.56	114	60	18.29	19	48.26
15	35	10.67	19	48.26	65	25	7.62	11	27.94	115	30	9.14	12	30.48
16	25	7.62	18	45.72	66	25	7.62	17	43.18	116	28	8.53	17	43.18
17	20	6.10	19	48.26	67	30	9.14	16	40.64	117	20	6.10	11	27.94
18	50	15.24	10	25.40	68	42	12.80	12	30.48	118	25	7.62	13	33.02
19	25	7.62	32	81.28	69	25	7.62	17	43.18	119	25	7.62	11	27.94
20	25	7.62	10	25.40	70	30	9.14	13	33.02	120	40	12.19	27	68.58
21	30	9.14	11	27.94	71	25	7.62	10	25.40	121	35	10.67	18	45.72
22	40	12.19	15	38.10	72	60	18.29	26	66.04	122	32	9.75	14	35.56
23	40	12.19	15	38.10	73	40	12.19	29	73.66	123	21	6.40	10	25.40
24	25	7.62	30	76.20	74	40	12.19	15	38.10	124	52	15.85	20	50.80
25	20	6.10	15	38.10	75	45	13.72	17	43.18	125	35	10.67	14	35.56
26	30	9.14	15	38.10	76	40	12.19	17	43.18	126	35	10.67	13	33.02
27	20	6.10	16	40.64	77	35	10.67	18	45.72	127	30	9.14	18	45.72
28	25	7.62	10	25.40	78	35	10.67	16	40.64	128	30	9.14	14	35.56
29	30	9.14	11	27.94	79	20	6.10	13	33.02	129	45	13.72	20	50.80
30	45	13.72	22	55.88	80	32	9.75	13	33.02	130	25	7.62	12	30.48
31	50	15.24	17	43.18	81	40	12.19	17	43.18	131	20	6.10	10	25.40
32	38	11.58	27	68.58	82	35	10.67	16	40.64	132	36	10.97	16	40.64
33	40	12.19	30	76.20	83	40	12.19	13	33.02	133	50	15.24	15	38.10
34	30	9.14	19	48.26	84	35	10.67	15	38.10	134	50	15.24	18	45.72
35	42	12.80	15	38.10	85	30	9.14	17	43.18	135	30	9.14	13	33.02
36	35	10.67	16	40.64	86	30	9.14	20	50.80	136	25	7.62	10	25.40
37	32	9.75	15	38.10	87	35	10.67	14	35.56	137	32	9.75	16	40.64
38	60	18.29	33	83.82	88	28	8.53	12	30.48	138	30	9.14	15	38.10
39	24	7.32	13	33.02	89	28	8.53	13	33.02	139	30	9.14	16	40.64
40	45	13.72	13	33.02	90	40	12.19	20	50.80	140	50	15.24	26	66.04
41	35	10.67	13	33.02	91	60	18.29	20	50.80	141	35	10.67	15	38.10
42	25	7.62	17	43.18	92	35	10.67	14	35.56	142	38	11.58	20	50.80
43	35	10.67	13	33.02	93	60	18.29	14	35.56	143	22	6.71	14	35.56
44	15	4.57	15	38.10	94	40	12.19	23	58.42	144	23	7.01	13	33.02
45	36	10.97	13	33.02	95	25	7.62	10	25.40	145	35	10.67	12	30.48
46	25	7.62	12	30.48	96	40	12.19	18	45.72	146	16	4.88	12	30.48
47	25	7.62	14	35.56	97	52	15.85	19	48.26	147	28	8.53	14	35.56
48	25	7.62	11	27.94	98	21	6.40	16	40.64	148	16	4.88	10	25.40
49	30	9.14	11	27.94	99	50	15.24	31	78.74	149	20	6.10	11	27.94
50	22	6.71	11	27.94	100	22	6.71	11	27.94	150	25	7.62	10	25.40

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
151	30	9.14	11	27.94	201	23	7.01	12	30.48	251	40	12.19	22	55.88
152	15	4.57	12	30.48	202	40	12.19	15	38.10	252	30	9.14	17	43.18
153	40	12.19	17	43.18	203	40	12.19	19	48.26	253	30	9.14	22	55.88
154	35	10.67	18	45.72	204	26	7.92	20	50.80	254	25	7.62	12	30.48
155	28	8.53	12	30.48	205	60	18.29	12	30.48	255	38	11.58	22	55.88
156	35	10.67	14	35.56	206	35	10.67	12	30.48	256	45	13.72	17	43.18
157	30	9.14	16	40.64	207	36	10.97	17	43.18	257	25	7.62	17	43.18
158	40	12.19	21	53.34	208	40	12.19	20	50.80	258	50	15.24	14	35.56
159	50	15.24	15	38.10	209	50	15.24	14	35.56	259	19	5.79	12	30.48
160	50	15.24	32	81.28	210	15	4.57	12	30.48	260	25	7.62	15	38.10
161	35	10.67	18	45.72	211	20	6.10	22	55.88	261	30	9.14	14	35.56
162	56	17.07	29	73.66	212	54	16.46	18	45.72	262	43	13.11	20	50.80
163	30	9.14	15	38.10	213	45	13.72	10	25.40	263	50	15.24	24	60.96
164	50	15.24	19	48.26	214	29	8.84	10	25.40	264	50	15.24	27	68.58
165	50	15.24	30	76.20	215	25	7.62	14	35.56	265	20	6.10	16	40.64
166	60	18.29	52	132.08	216	25	7.62	14	35.56	266	52	15.85	26	66.04
167	40	12.19	15	38.10	217	28	8.53	30	76.20	267	18	5.49	12	30.48
168	20	6.10	11	27.94	218	60	18.29	21	53.34	268	25	7.62	11	27.94
169	60	18.29	25	63.50	219	55	16.76	15	38.10	269	27	8.23	11	27.94
170	30	9.14	11	27.94	220	30	9.14	15	38.10	270	25	7.62	16	40.64
171	60	18.29	25	63.50	221	40	12.19	16	40.64	271	30	9.14	16	40.64
172	35	10.67	19	48.26	222	35	10.67	18	45.72	272	28	8.53	11	27.94
173	20	6.10	11	27.94	223	30	9.14	12	30.48	273	40	12.19	15	38.10
174	20	6.10	12	30.48	224	30	9.14	11	27.94	274	55	16.76	25	63.50
175	15	4.57	10	25.40	225	20	6.10	12	30.48	275	35	10.67	14	35.56
176	20	6.10	11	27.94	226	60	18.29	20	50.80	276	30	9.14	14	35.56
177	23	7.01	19	48.26	227	35	10.67	14	35.56	277	16	4.88	14	35.56
178	25	7.62	12	30.48	228	58	17.68	30	76.20	278	24	7.32	22	55.88
179	40	12.19	14	35.56	229	22	6.71	12	30.48	279	35	10.67	17	43.18
180	40	12.19	15	38.10	230	35	10.67	13	33.02	280	35	10.67	12	30.48
181	36	10.97	18	45.72	231	30	9.14	15	38.10	281	30	9.14	20	50.80
182	25	7.62	11	27.94	232	37	11.28	15	38.10	282	55	16.76	18	45.72
183	22	6.71	10	25.40	233	40	12.19	18	45.72	283	35	10.67	13	33.02
184	25	7.62	11	27.94	234	40	12.19	17	43.18	284	20	6.10	10	25.40
185	25	7.62	12	30.48	235	22	6.71	14	35.56	285	15	4.57	12	30.48
186	25	7.62	10	25.40	236	25	7.62	15	38.10	286	55	16.76	24	60.96
187	22	6.71	11	27.94	237	32	9.75	14	35.56	287	22	6.71	16	40.64
188	60	18.29	21	53.34	238	35	10.67	16	40.64	288	25	7.62	11	27.94
189	40	12.19	30	76.20	239	25	7.62	12	30.48	289	60	18.29	26	66.04
190	55	16.76	29	73.66	240	55	16.76	26	66.04	290	30	9.14	15	38.10
191	35	10.67	16	40.64	241	25	7.62	15	38.10	291	35	10.67	12	30.48
192	40	12.19	15	38.10	242	30	9.14	22	55.88	292	32	9.75	15	38.10
193	30	9.14	14	35.56	243	32	9.75	23	58.42	293	35	10.67	13	33.02
194	42	12.80	18	45.72	244	40	12.19	18	45.72	294	40	12.19	22	55.88
195	40	12.19	16	40.64	245	50	15.24	15	38.10	295	35	10.67	11	27.94
196	22	6.71	18	45.72	246	21	6.40	17	43.18	296	18	5.49	10	25.40
197	25	7.62	12	30.48	247	40	12.19	20	50.80	297	40	12.19	16	40.64
198	25	7.62	10	25.40	248	30	9.14	13	33.02	298	40	12.19	17	43.18
199	25	7.62	14	35.56	249	30	9.14	17	43.18	299	30	9.14	16	40.64
200	26	7.92	14	35.56	250	21	6.40	17	43.18	300	25	7.62	14	35.56

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)
301	28	8.53	15	38.10	351	38	11.58	16	40.64	401	20	6.10	17	43.18
302	42	12.80	26	66.04	352	35	10.67	15	38.10	402	32	9.75	16	40.64
303	25	7.62	17	43.18	353	25	7.62	13	33.02	403	35	10.67	15	38.10
304	22	6.71	13	33.02	354	60	18.29	32	81.28	404	60	18.29	27	68.58
305	45	13.72	18	45.72	355	40	12.19	17	43.18	405	25	7.62	18	45.72
306	45	13.72	21	53.34	356	25	7.62	15	38.10	406	22	6.71	10	25.40
307	25	7.62	12	30.48	357	22	6.71	13	33.02	407	22	6.71	11	27.94
308	40	12.19	17	43.18	358	30	9.14	17	43.18	408	28	8.53	11	27.94
309	25	7.62	22	55.88	359	35	10.67	14	35.56	409	45	13.72	20	50.80
310	20	6.10	10	25.40	360	40	12.19	16	40.64	410	37	11.28	25	63.50
311	35	10.67	13	33.02	361	60	18.29	22	55.88	411	34	10.36	14	35.56
312	50	15.24	22	55.88	362	30	9.14	14	35.56	412	15	4.57	11	27.94
313	25	7.62	12	30.48	363	50	15.24	27	68.58	413	25	7.62	13	33.02
314	60	18.29	22	55.88	364	55	16.76	22	55.88	414	40	12.19	18	45.72
315	22	6.71	11	27.94	365	50	15.24	21	53.34	415	45	13.72	17	43.18
316	30	9.14	14	35.56	366	28	8.53	16	40.64	416	33	10.06	26	66.04
317	21	6.40	12	30.48	367	25	7.62	12	30.48	417	40	12.19	20	50.80
318	20	6.10	10	25.40	368	25	7.62	14	35.56	418	38	11.58	13	33.02
319	25	7.62	20	50.80	369	26	7.92	10	25.40	419	56	17.07	20	50.80
320	22	6.71	10	25.40	370	25	7.62	14	35.56	420	55	16.76	31	78.74
321	35	10.67	20	50.80	371	30	9.14	16	40.64	421	24	7.32	16	40.64
322	40	12.19	10	25.40	372	25	7.62	12	30.48	422	44	13.41	16	40.64
323	40	12.19	13	33.02	373	60	18.29	35	88.90	423	20	6.10	11	27.94
324	25	7.62	17	43.18	374	60	18.29	22	55.88	424	24	7.32	14	35.56
325	55	16.76	16	40.64	375	25	7.62	11	27.94	425	12	3.66	10	25.40
326	32	9.75	13	33.02	376	62	18.90	33	83.82	426	35	10.67	18	45.72
327	38	11.58	15	38.10	377	40	12.19	17	43.18	427	30	9.14	14	35.56
328	35	10.67	12	30.48	378	40	12.19	15	38.10	428	25	7.62	18	45.72
329	36	10.97	20	50.80	379	30	9.14	11	27.94	429	35	10.67	17	43.18
330	25	7.62	10	25.40	380	27	8.23	12	30.48	430	24	7.32	10	25.40
331	50	15.24	12	30.48	381	14	4.27	12	30.48	431	40	12.19	20	50.80
332	25	7.62	12	30.48	382	25	7.62	12	30.48	432	25	7.62	13	33.02
333	47	14.33	16	40.64	383	40	12.19	17	43.18	433	25	7.62	16	40.64
334	30	9.14	15	38.10	384	20	6.10	10	25.40	434	50	15.24	23	58.42
335	35	10.67	22	55.88	385	45	13.72	17	43.18	435	20	6.10	15	38.10
336	25	7.62	14	35.56	386	40	12.19	13	33.02	436	60	18.29	40	101.60
337	20	6.10	19	48.26	387	22	6.71	10	25.40	437	25	7.62	12	30.48
338	30	9.14	10	25.40	388	50	15.24	16	40.64	438	40	12.19	16	40.64
339	60	18.29	28	71.12	389	38	11.58	15	38.10	439	25	7.62	15	38.10
340	40	12.19	16	40.64	390	22	6.71	14	35.56	440	29	8.84	15	38.10
341	20	6.10	16	40.64	391	35	10.67	17	43.18	441	35	10.67	16	40.64
342	35	10.67	15	38.10	392	25	7.62	16	40.64	442	25	7.62	10	25.40
343	50	15.24	25	63.50	393	30	9.14	17	43.18	443	45	13.72	20	50.80
344	20	6.10	10	25.40	394	24	7.32	17	43.18	444	46	14.02	19	48.26
345	40	12.19	15	38.10	395	35	10.67	20	50.80	445	20	6.10	14	35.56
346	40	12.19	16	40.64	396	25	7.62	11	27.94	446	21	6.40	14	35.56
347	22	6.71	15	38.10	397	25	7.62	13	33.02	447	20	6.10	10	25.40
348	15	4.57	13	33.02	398	20	6.10	13	33.02	448	30	9.14	10	25.40
349	25	7.62	11	27.94	399	35	10.67	16	40.64	449	40	12.19	18	45.72
350	40	12.19	16	40.64	400	20	6.10	16	40.64	450	35	10.67	22	55.88

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
451	30	9.14	14	35.56	501	45	13.72	22	55.88	551	14	4.27	11	27.94
452	35	10.67	16	40.64	502	18	5.49	16	40.64	552	60	18.29	19	48.26
453	30	9.14	18	45.72	503	30	9.14	11	27.94	553	20	6.10	12	30.48
454	35	10.67	15	38.10	504	35	10.67	14	35.56	554	40	12.19	16	40.64
455	45	13.72	18	45.72	505	20	6.10	10	25.40	555	25	7.62	13	33.02
456	30	9.14	15	38.10	506	45	13.72	19	48.26	556	25	7.62	11	27.94
457	40	12.19	14	35.56	507	20	6.10	19	48.26	557	29	8.84	12	30.48
458	54	16.46	14	35.56	508	48	14.63	18	45.72	558	20	6.10	11	27.94
459	25	7.62	26	66.04	509	20	6.10	13	33.02	559	25	7.62	12	30.48
460	38	11.58	13	33.02	510	14	4.27	11	27.94	560	48	14.63	24	60.96
461	35	10.67	16	40.64	511	25	7.62	19	48.26	561	22	6.71	13	33.02
462	30	9.14	11	27.94	512	25	7.62	12	30.48	562	26	7.92	16	40.64
463	25	7.62	10	25.40	513	45	13.72	19	48.26	563	43	13.11	24	60.96
464	35	10.67	25	63.50	514	25	7.62	11	27.94	564	45	13.72	22	55.88
465	45	13.72	32	81.28	515	20	6.10	10	25.40	565	52	15.85	25	63.50
466	25	7.62	13	33.02	516	20	6.10	10	25.40	566	25	7.62	13	33.02
467	40	12.19	13	33.02	517	28	8.53	13	33.02	567	26	7.92	13	33.02
468	40	12.19	10	25.40	518	35	10.67	13	33.02	568	25	7.62	10	25.40
469	45	13.72	25	63.50	519	60	18.29	19	48.26	569	28	8.53	10	25.40
470	40	12.19	19	48.26	520	20	6.10	12	30.48	570	42	12.80	20	50.80
471	28	8.53	13	33.02	521	40	12.19	16	40.64	571	32	9.75	17	43.18
472	25	7.62	14	35.56	522	25	7.62	13	33.02	572	33	10.06	18	45.72
473	30	9.14	13	33.02	523	25	7.62	11	27.94	573	35	10.67	19	48.26
474	40	12.19	18	45.72	524	29	8.84	12	30.48	574	35	10.67	14	35.56
475	35	10.67	19	48.26	525	20	6.10	11	27.94	575	37	11.28	19	48.26
476	19	5.79	16	40.64	526	25	7.62	12	30.48	576	33	10.06	18	45.72
477	15	4.57	11	27.94	527	48	14.63	24	60.96	577	34	10.36	29	73.66
478	35	10.67	11	27.94	528	23	7.01	13	33.02	578	30	9.14	22	55.88
479	30	9.14	10	25.40	529	26	7.92	16	40.64	579	27	8.23	15	38.10
480	25	7.62	11	27.94	530	43	13.11	22	55.88	580	25	7.62	10	25.40
481	30	9.14	20	50.80	531	45	13.72	24	60.96	581	30	9.14	12	30.48
482	30	9.14	10	25.40	532	52	15.85	25	63.50	582	19	5.79	15	38.10
483	30	9.14	11	27.94	533	26	7.92	13	33.02	583	25	7.62	14	35.56
484	48	14.63	32	81.28	534	22	6.71	13	33.02	584	22	6.71	11	27.94
485	22	6.71	11	27.94	535	25	7.62	10	25.40	585	25	7.62	11	27.94
486	35	10.67	17	43.18	536	28	8.53	10	25.40	586	13	3.96	11	27.94
487	25	7.62	11	27.94	537	42	12.80	20	50.80	587	15	4.57	10	25.40
488	25	7.62	10	25.40	538	32	9.75	17	43.18	588	40	12.19	18	45.72
489	60	18.29	31	78.74	539	33	10.06	18	45.72	589	26	7.92	12	30.48
490	47	14.33	22	55.88	540	35	10.67	19	48.26	590	23	7.01	12	30.48
491	45	13.72	16	40.64	541	35	10.67	14	35.56	591	18	5.49	11	27.94
492	20	6.10	10	25.40	542	35	10.67	19	48.26	592	35	10.67	12	30.48
493	40	12.19	18	45.72	543	37	11.28	18	45.72	593	25	7.62	10	25.40
494	35	10.67	15	38.10	544	33	10.06	29	73.66	594	25	7.62	12	30.48
495	42	12.80	15	38.10	545	34	10.36	22	55.88	595	19	5.79	13	33.02
496	25	7.62	16	40.64	546	30	9.14	15	38.10	596	42	12.80	16	40.64
497	45	13.72	18	45.72	547	27	8.23	10	25.40	597	40	12.19	16	40.64
498	18	5.49	10	25.40	548	25	7.62	12	30.48	598	52	15.85	22	55.88
499	25	7.62	13	33.02	549	30	9.14	15	38.10	599	27	8.23	13	33.02
500	25	7.62	12	30.48	550	19	5.79	14	35.56	600	50	15.24	33	83.82

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	30	9.14	14	35.56	651	35	10.67	22	55.88	701	28	8.53	12	30.48
602	32	9.75	18	45.72	652	20	6.10	10	25.40	702	35	10.67	12	30.48
603	40	12.19	21	53.34	653	20	6.10	10	25.40	703	36	10.97	20	50.80
604	30	9.14	15	38.10	654	22	6.71	17	43.18	704	52	15.85	15	38.10
605	28	8.53	16	40.64	655	30	9.14	13	33.02	705	32	9.75	18	45.72
606	18	5.49	14	35.56	656	18	5.49	10	25.40	706	20	6.10	14	35.56
607	24	7.32	14	35.56	657	45	13.72	18	45.72	707	25	7.62	10	25.40
608	25	7.62	12	30.48	658	65	19.81	28	71.12	708	20	6.10	12	30.48
609	26	7.92	12	30.48	659	25	7.62	14	35.56	709	25	7.62	16	40.64
610	36	10.97	12	30.48	660	26	7.92	18	45.72	710	26	7.92	15	38.10
611	25	7.62	14	35.56	661	15	4.57	10	25.40	711	25	7.62	11	27.94
612	35	10.67	16	40.64	662	30	9.14	15	38.10	712	20	6.10	14	35.56
613	20	6.10	11	27.94	663	35	10.67	16	40.64	713	26	7.92	11	27.94
614	20	6.10	10	25.40	664	60	18.29	42	106.68	714	25	7.62	60	152.40
615	20	6.10	11	27.94	665	60	18.29	42	106.68	715	15	4.57	10	25.40
616	25	7.62	12	30.48	666	54	16.46	17	43.18	716	35	10.67	13	33.02
617	13	3.96	10	25.40	667	45	13.72	20	50.80	717	45	13.72	22	55.88
618	40	12.19	11	27.94	668	20	6.10	10	25.40	718	63	19.20	18	45.72
619	20	6.10	12	30.48	669	12	3.66	10	25.40	719	16	4.88	12	30.48
620	30	9.14	12	30.48	670	35	10.67	13	33.02	720	16	4.88	11	27.94
621	35	10.67	12	30.48	671	15	4.57	10	25.40	721	16	4.88	15	38.10
622	37	11.28	22	55.88	672	16	4.88	11	27.94	722	20	6.10	10	25.40
623	26	7.92	12	30.48	673	35	10.67	14	35.56	723	25	7.62	14	35.56
624	28	8.53	16	40.64	674	25	7.62	13	33.02	724	20	6.10	11	27.94
625	36	10.97	17	43.18	675	63	19.20	19	48.26	725	68	20.73	18	45.72
626	20	6.10	12	30.48	676	64	19.51	18	45.72	726	36	10.97	22	55.88
627	40	12.19	17	43.18	677	35	10.67	16	40.64	727	45	13.72	18	45.72
628	35	10.67	19	48.26	678	20	6.10	10	25.40	728	42	12.80	28	71.12
629	20	6.10	11	27.94	679	20	6.10	10	25.40	729	20	6.10	13	33.02
630	25	7.62	10	25.40	680	45	13.72	10	25.40	730	35	10.67	14	35.56
631	26	7.92	14	35.56	681	35	10.67	10	25.40	731	28	8.53	13	33.02
632	28	8.53	10	25.40	682	35	10.67	17	43.18	732	35	10.67	21	53.34
633	22	6.71	10	25.40	683	55	16.76	32	81.28	733	35	10.67	14	35.56
634	20	6.10	10	25.40	684	45	13.72	22	55.88	734	30	9.14	12	30.48
635	45	13.72	18	45.72	685	18	5.49	10	25.40	735	30	9.14	20	50.80
636	54	16.46	14	35.56	686	40	12.19	22	55.88	736	25	7.62	11	27.94
637	38	11.58	14	35.56	687	28	8.53	10	25.40	737	30	9.14	15	38.10
638	30	9.14	16	40.64	688	20	6.10	30	76.20	738	38	11.58	14	35.56
639	31	9.45	17	43.18	689	50	15.24	11	27.94	739	38	11.58	19	48.26
640	30	9.14	10	25.40	690	24	7.32	10	25.40	740	40	12.19	19	48.26
641	25	7.62	16	40.64	691	20	6.10	20	50.80	741	45	13.72	16	40.64
642	30	9.14	18	45.72	692	24	7.32	18	45.72	742	35	10.67	15	38.10
643	58	17.68	23	58.42	693	24	7.32	12	30.48	743	55	16.76	26	66.04
644	50	15.24	24	60.96	694	20	6.10	10	25.40	744	19	5.79	11	27.94
645	56	17.07	23	58.42	695	16	4.88	12	30.48	745	20	6.10	14	35.56
646	40	12.19	25	63.50	696	28	8.53	11	27.94	746	65	19.81	40	101.60
647	46	14.02	26	66.04	697	25	7.62	12	30.48	747	36	10.97	16	40.64
648	25	7.62	14	35.56	698	16	4.88	14	35.56	748	42	12.80	28	71.12
649	30	9.14	12	30.48	699	36	10.97	11	27.94	749	43	13.11	21	53.34
650	52	15.85	17	43.18	700	26	7.92	22	55.88	750	30	9.14	14	35.56

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
751	35	10.67	14	35.56	801	56	17.07	23	58.42	851	35	10.67	20	50.80
752	15	4.57	11	27.94	802	25	7.62	12	30.48	852	45	13.72	17	43.18
753	20	6.10	10	25.40	803	35	10.67	16	40.64	853	43	13.11	16	40.64
754	16	4.88	13	33.02	804	28	8.53	12	30.48	854	40	12.19	15	38.10
755	50	15.24	35	88.90	805	34	10.36	13	33.02	855	38	11.58	14	35.56
756	28	8.53	14	35.56	806	15	4.57	14	35.56	856	62	18.90	36	91.44
757	28	8.53	26	66.04	807	40	12.19	17	43.18	857	25	7.62	11	27.94
758	25	7.62	12	30.48	808	42	12.80	13	33.02	858	35	10.67	13	33.02
759	44	13.41	24	60.96	809	25	7.62	14	35.56	859	35	10.67	20	50.80
760	55	16.76	26	66.04	810	43	13.11	13	33.02	860	35	10.67	13	33.02
761	41	12.50	17	43.18	811	35	10.67	15	38.10	861	32	9.75	13	33.02
762	35	10.67	16	40.64	812	15	4.57	10	25.40	862	35	10.67	13	33.02
763	25	7.62	13	33.02	813	45	13.72	17	43.18	863	44	13.41	19	48.26
764	16	4.88	10	25.40	814	38	11.58	17	43.18	864	25	7.62	16	40.64
765	44	13.41	24	60.96	815	20	6.10	18	45.72	865	20	6.10	14	35.56
766	25	7.62	11	27.94	816	19	5.79	12	30.48	866	35	10.67	14	35.56
767	40	12.19	30	76.20	817	34	10.36	12	30.48	867	28	8.53	13	33.02
768	30	9.14	11	27.94	818	35	10.67	14	35.56	868	40	12.19	14	35.56
769	25	7.62	16	40.64	819	32	9.75	12	30.48	869	37	11.28	19	48.26
770	40	12.19	16	40.64	820	62	18.90	20	50.80	870	35	10.67	14	35.56
771	40	12.19	18	45.72	821	20	6.10	12	30.48	871	42	12.80	15	38.10
772	36	10.97	11	27.94	822	38	11.58	18	45.72	872	45	13.72	14	35.56
773	20	6.10	12	30.48	823	25	7.62	13	33.02	873	25	7.62	14	35.56
774	25	7.62	10	25.40	824	24	7.32	10	25.40	874	25	7.62	11	27.94
775	25	7.62	12	30.48	825	65	19.81	19	48.26	875	30	9.14	19	48.26
776	28	8.53	11	27.94	826	42	12.80	11	27.94	876	26	7.92	18	45.72
777	40	12.19	15	38.10	827	26	7.92	14	35.56	877	52	15.85	19	48.26
778	18	5.49	10	25.40	828	20	6.10	13	33.02	878	32	9.75	16	40.64
779	45	13.72	16	40.64	829	31	9.45	19	48.26	879	25	7.62	11	27.94
780	50	15.24	23	58.42	830	40	12.19	14	35.56	880	26	7.92	13	33.02
781	20	6.10	10	25.40	831	35	10.67	16	40.64	881	20	6.10	16	40.64
782	41	12.50	14	35.56	832	36	10.97	10	25.40	882	35	10.67	19	48.26
783	30	9.14	12	30.48	833	22	6.71	16	40.64	883	35	10.67	15	38.10
784	35	10.67	22	55.88	834	27	8.23	22	55.88	884	45	13.72	14	35.56
785	22	6.71	10	25.40	835	35	10.67	10	25.40	885	40	12.19	15	38.10
786	45	13.72	20	50.80	836	20	6.10	11	27.94	886	42	12.80	15	38.10
787	25	7.62	12	30.48	837	28	8.53	17	43.18	887	25	7.62	12	30.48
788	26	7.92	11	27.94	838	45	13.72	16	40.64	888	26	7.92	13	33.02
789	20	6.10	11	27.94	839	35	10.67	16	40.64	889	20	6.10	11	27.94
790	40	12.19	17	43.18	840	35	10.67	16	40.64	890	25	7.62	12	30.48
791	30	9.14	15	38.10	841	26	7.92	10	25.40	891	17	5.18	12	30.48
792	52	15.85	16	40.64	842	36	10.97	18	45.72	892	20	6.10	12	30.48
793	35	10.67	15	38.10	843	30	9.14	12	30.48	893	65	19.81	37	93.98
794	40	12.19	28	71.12	844	25	7.62	16	40.64	894	28	8.53	14	35.56
795	15	4.57	10	25.40	845	20	6.10	10	25.40	895	16	4.88	13	33.02
796	48	14.63	20	50.80	846	25	7.62	14	35.56	896	30	9.14	12	30.48
797	20	6.10	14	35.56	847	45	13.72	21	53.34	897	55	16.76	21	53.34
798	37	11.28	20	50.80	848	52	15.85	34	86.36	898	28	8.53	12	30.48
799	25	7.62	10	25.40	849	30	9.14	11	27.94	899	40	12.19	10	25.40
800	30	9.14	10	25.40	850	50	15.24	23	58.42	900	40	12.19	12	30.48

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Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
901	16	4.88	11	27.94	951	22	6.71	10	25.40	1001	25	7.62	12	30.48
902	48	14.63	23	58.42	952	25	7.62	18	45.72	1002	37	11.28	16	40.64
903	21	6.40	10	25.40	953	22	6.71	10	25.40	1003	56	17.07	40	101.60
904	38	11.58	13	33.02	954	35	10.67	18	45.72	1004	60	18.29	32	81.28
905	35	10.67	13	33.02	955	47	14.33	22	55.88	1005	42	12.80	14	35.56
906	25	7.62	12	30.48	956	29	8.84	11	27.94	1006	52	15.85	14	35.56
907	25	7.62	13	33.02	957	35	10.67	14	35.56	1007	35	10.67	11	27.94
908	25	7.62	12	30.48	958	16	4.88	10	25.40	1008	35	10.67	22	55.88
909	40	12.19	14	35.56	959	20	6.10	15	38.10	1009	42	12.80	22	55.88
910	20	6.10	10	25.40	960	31	9.45	12	30.48	1010	18	5.49	11	27.94
911	25	7.62	14	35.56	961	52	15.85	17	43.18	1011	20	6.10	10	25.40
912	35	10.67	10	25.40	962	25	7.62	20	50.80	1012	20	6.10	11	27.94
913	20	6.10	12	30.48	963	35	10.67	12	30.48	1013	18	5.49	16	40.64
914	56	17.07	23	58.42	964	28	8.53	14	35.56	1014	20	6.10	13	33.02
915	26	7.92	10	25.40	965	45	13.72	18	45.72	1015	35	10.67	12	30.48
916	27	8.23	17	43.18	966	40	12.19	18	45.72	1016	18	5.49	11	27.94
917	35	10.67	15	38.10	967	25	7.62	10	25.40	1017	15	4.57	10	25.40
918	25	7.62	10	25.40	968	41	12.50	15	38.10	1018	35	10.67	15	38.10
919	28	8.53	11	27.94	969	23	7.01	10	25.40	1019	26	7.92	12	30.48
920	35	10.67	32	81.28	970	40	12.19	17	43.18	1020	32	9.75	14	35.56
921	22	6.71	13	33.02	971	18	5.49	11	27.94	1021	26	7.92	14	35.56
922	20	6.10	16	40.64	972	30	9.14	14	35.56	1022	40	12.19	18	45.72
923	30	9.14	10	25.40	973	16	4.88	10	25.40	1023	18	5.49	12	30.48
924	30	9.14	15	38.10	974	35	10.67	19	48.26	1024	40	12.19	13	33.02
925	20	6.10	10	25.40	975	16	4.88	12	30.48	1025	45	13.72	20	50.80
926	16	4.88	11	27.94	976	15	4.57	10	25.40	1026	17	5.18	10	25.40
927	25	7.62	15	38.10	977	32	9.75	11	27.94	1027	16	4.88	11	27.94
928	30	9.14	15	38.10	978	20	6.10	11	27.94	1028	32	9.75	12	30.48
929	25	7.62	14	35.56	979	35	10.67	19	48.26	1029	35	10.67	20	50.80
930	30	9.14	16	40.64	980	28	8.53	19	48.26	1030	48	14.63	14	35.56
931	20	6.10	11	27.94	981	30	9.14	14	35.56	1031	25	7.62	23	58.42
932	32	9.75	14	35.56	982	38	11.58	16	40.64	1032	35	10.67	14	35.56
933	35	10.67	15	38.10	983	45	13.72	20	50.80	1033	15	4.57	10	25.40
934	65	19.81	25	63.50	984	40	12.19	16	40.64	1034	57	17.37	24	60.96
935	57	17.37	26	66.04	985	46	14.02	16	40.64	1035	38	11.58	13	33.02
936	30	9.14	13	33.02	986	42	12.80	17	43.18	1036	15	4.57	10	25.40
937	20	6.10	10	25.40	987	27	8.23	10	25.40	1037	24	7.32	15	38.10
938	20	6.10	15	38.10	988	35	10.67	13	33.02	1038	35	10.67	16	40.64
939	25	7.62	15	38.10	989	16	4.88	10	25.40	1039	38	11.58	14	35.56
940	32	9.75	12	30.48	990	35	10.67	18	45.72	1040	35	10.67	16	40.64
941	18	5.49	10	25.40	991	26	7.92	11	27.94	1041	35	10.67	14	35.56
942	20	6.10	14	35.56	992	45	13.72	16	40.64	1042	32	9.75	12	30.48
943	20	6.10	13	33.02	993	38	11.58	17	43.18	1043	70	21.34	42	106.68
944	20	6.10	10	25.40	994	40	12.19	13	33.02	1044	25	7.62	11	27.94
945	42	12.80	16	40.64	995	62	18.90	20	50.80	1045	25	7.62	11	27.94
946	25	7.62	12	30.48	996	16	4.88	12	30.48	1046	42	12.80	18	45.72
947	25	7.62	11	27.94	997	35	10.67	14	35.56	1047	24	7.32	10	25.40
948	19	5.79	11	27.94	998	38	11.58	12	30.48	1048	25	7.62	11	27.94
949	32	9.75	16	40.64	999	42	12.80	16	40.64	1049	47	14.33	32	81.28
950	52	15.85	15	38.10	1000	62	18.90	24	60.96	1050	30	9.14	12	30.48

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)
1051	30	9.14	16	40.64	1101	28	8.53	16	40.64	1151	28	8.53	17	43.18
1052	42	12.80	19	48.26	1102	45	13.72	19	48.26	1152	30	9.14	20	50.80
1053	35	10.67	16	40.64	1103	25	7.62	18	45.72	1153	55	16.76	24	60.96
1054	62	18.90	19	48.26	1104	32	9.75	14	35.56	1154	30	9.14	13	33.02
1055	35	10.67	16	40.64	1105	48	14.63	23	58.42	1155	52	15.85	17	43.18
1056	65	19.81	30	76.20	1106	17	5.18	10	25.40	1156	29	8.84	13	33.02
1057	20	6.10	10	25.40	1107	28	8.53	17	43.18	1157	15	4.57	10	25.40
1058	20	6.10	12	30.48	1108	22	6.71	12	30.48	1158	57	17.37	17	43.18
1059	16	4.88	13	33.02	1109	23	7.01	15	38.10	1159	15	4.57	11	27.94
1060	20	6.10	15	38.10	1110	55	16.76	21	53.34	1160	58	17.68	12	30.48
1061	40	12.19	20	50.80	1111	35	10.67	18	45.72	1161	20	6.10	10	25.40
1062	48	14.63	17	43.18	1112	21	6.40	12	30.48	1162	50	15.24	26	66.04
1063	20	6.10	12	30.48	1113	28	8.53	14	35.56	1163	60	18.29	22	55.88
1064	52	15.85	33	83.82	1114	26	7.92	12	30.48	1164	20	6.10	10	25.40
1065	26	7.92	14	35.56	1115	18	5.49	10	25.40	1165	33	10.06	13	33.02
1066	37	11.28	12	30.48	1116	36	10.97	14	35.56	1166	42	12.80	24	60.96
1067	35	10.67	18	45.72	1117	24	7.32	15	38.10	1167	15	4.57	12	30.48
1068	38	11.58	12	30.48	1118	58	17.68	20	50.80	1168	30	9.14	18	45.72
1069	20	6.10	10	25.40	1119	16	4.88	10	25.40	1169	70	21.34	48	121.92
1070	55	16.76	23	58.42	1120	38	11.58	16	40.64	1170	16	4.88	11	27.94
1071	32	9.75	18	45.72	1121	35	10.67	15	38.10	1171	63	19.20	17	43.18
1072	26	7.92	12	30.48	1122	26	7.92	14	35.56	1172	35	10.67	14	35.56
1073	20	6.10	11	27.94	1123	28	8.53	12	30.48	1173	20	6.10	14	35.56
1074	25	7.62	12	30.48	1124	36	10.97	15	38.10	1174	17	5.18	10	25.40
1075	18	5.49	10	25.40	1125	49	14.94	31	78.74	1175	27	8.23	15	38.10
1076	30	9.14	12	30.48	1126	24	7.32	14	35.56	1176	27	8.23	13	33.02
1077	24	7.32	14	35.56	1127	32	9.75	13	33.02	1177	57	17.37	27	68.58
1078	35	10.67	14	35.56	1128	32	9.75	20	50.80	1178	20	6.10	10	25.40
1079	35	10.67	18	45.72	1129	14	4.27	10	25.40	1179	25	7.62	10	25.40
1080	35	10.67	22	55.88	1130	20	6.10	11	27.94	1180	20	6.10	16	40.64
1081	25	7.62	12	30.48	1131	20	6.10	12	30.48	1181	43	13.11	16	40.64
1082	30	9.14	18	45.72	1132	28	8.53	12	30.48	1182	30	9.14	17	43.18
1083	40	12.19	17	43.18	1133	37	11.28	10	25.40	1183	25	7.62	13	33.02
1084	20	6.10	11	27.94	1134	42	12.80	26	66.04	1184	25	7.62	14	35.56
1085	45	13.72	17	43.18	1135	42	12.80	20	50.80	1185	28	8.53	16	40.64
1086	25	7.62	13	33.02	1136	22	6.71	10	25.40	1186	25	7.62	12	30.48
1087	38	11.58	32	81.28	1137	26	7.92	17	43.18	1187	30	9.14	15	38.10
1088	13	3.96	18	45.72	1138	27	8.23	11	27.94	1188	30	9.14	13	33.02
1089	14	4.27	10	25.40	1139	55	16.76	32	81.28	1189	15	4.57	10	25.40
1090	47	14.33	10	25.40	1140	38	11.58	28	71.12	1190	20	6.10	15	38.10
1091	32	9.75	16	40.64	1141	20	6.10	14	35.56	1191	25	7.62	11	27.94
1092	40	12.19	13	33.02	1142	30	9.14	15	38.10	1192	26	7.92	14	35.56
1093	52	15.85	18	45.72	1143	38	11.58	13	33.02	1193	62	18.90	32	81.28
1094	45	13.72	22	55.88	1144	37	11.28	17	43.18	1194	35	10.67	16	40.64
1095	57	17.37	18	45.72	1145	54	16.46	18	45.72	1195	40	12.19	23	58.42
1096	20	6.10	15	38.10	1146	65	19.81	24	60.96	1196	25	7.62	18	45.72
1097	35	10.67	16	40.64	1147	55	16.76	25	63.50	1197	18	5.49	14	35.56
1098	25	7.62	18	45.72	1148	15	4.57	10	25.40	1198	20	6.10	12	30.48
1099	40	12.19	18	45.72	1149	20	6.10	11	27.94	1199	20	6.10	11	27.94
1100	54	16.46	20	50.80	1150	18	5.49	11	27.94	1200	25	7.62	18	45.72

PANCHET

Shorea robusta/ (Sal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1201	42	12.80	20	50.80
1202	30	9.14	17	43.18
1203	20	6.10	10	25.40
1204	37	11.28	20	50.80
1205	18	5.49	10	25.40
1206	25	7.62	15	38.10
1207	32	9.75	16	40.64
1208	30	9.14	20	50.80
1209	42	12.80	25	63.50
1210	65	19.81	17	43.18
1211	30	9.14	20	50.80
1212	18	5.49	10	25.40
1213	20	6.10	12	30.48
1214	22	6.71	10	25.40
1215	35	10.67	16	40.64
1216	40	12.19	15	38.10

Pterocarpus marsupium/ (piyasal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48

Terminalia bellirica / (Bohera)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	27.94

Madhuca latifolia/ (Mahua)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	10	25.40
2	16	4.88	11	27.94

Semecarpas anacardium/ (Vella)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94

Buchanania lanzan/ (Piyal)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.716	30	76.2

PANCHET

Panchet SP 8 *Shorea robusta*/ (Sal)

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)	SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)	SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	35	10.67	14	35.56	51	25	7.62	12	30.48	101	40	12.19	12	30.48
2	25	7.62	13	33.02	52	50	15.24	22	55.88	102	25	7.62	23	58.42
3	60	18.29	33	83.82	53	35	10.67	14	35.56	103	30	9.14	13	33.02
4	15	4.57	10	25.40	54	35	10.67	17	43.18	104	18	5.49	12	30.48
5	25	7.62	11	27.94	55	20	6.10	12	30.48	105	40	12.19	13	33.02
6	40	12.19	23	58.42	56	25	7.62	11	27.94	106	35	10.67	17	43.18
7	25	7.62	16	40.64	57	30	9.14	15	38.10	107	36	10.97	13	33.02
8	26	7.92	22	55.88	58	25	7.62	13	33.02	108	38	11.58	16	40.64
9	40	12.19	17	43.18	59	20	6.10	12	30.48	109	25	7.62	18	45.72
10	23	7.01	12	30.48	60	25	7.62	13	33.02	110	15	4.57	18	45.72
11	30	9.14	14	35.56	61	40	12.19	17	43.18	111	30	9.14	33	83.82
12	25	7.62	15	38.10	62	25	7.62	18	45.72	112	45	13.72	12	30.48
13	25	7.62	19	48.26	63	25	7.62	10	25.40	113	65	19.81	11	27.94
14	65	19.81	43	109.22	64	25	7.62	12	30.48	114	62	18.90	10	25.40
15	25	7.62	19	48.26	65	25	7.62	16	40.64	115	30	9.14	10	25.40
16	35	10.67	25	63.50	66	28	8.53	20	50.80	116	40	12.19	22	55.88
17	65	19.81	37	93.98	67	35	10.67	11	27.94	117	40	12.19	13	33.02
18	35	10.67	12	30.48	68	25	7.62	16	40.64	118	25	7.62	10	25.40
19	20	6.10	14	35.56	69	30	9.14	17	43.18	119	20	6.10	12	30.48
20	25	7.62	12	30.48	70	25	7.62	19	48.26	120	35	10.67	16	40.64
21	35	10.67	20	50.80	71	24	7.32	13	33.02	121	15	4.57	12	30.48
22	35	10.67	12	30.48	72	18	5.49	10	25.40	122	24	7.32	10	25.40
23	25	7.62	12	30.48	73	20	6.10	28	71.12	123	40	12.19	17	43.18
24	30	9.14	18	45.72	74	15	4.57	16	40.64	124	25	7.62	40	101.60
25	40	12.19	17	43.18	75	20	6.10	24	60.96	125	18	5.49	39	99.06
26	20	6.10	16	40.64	76	35	10.67	18	45.72	126	70	21.34	14	35.56
27	17	5.18	12	30.48	77	30	9.14	14	35.56	127	22	6.71	14	35.56
28	25	7.62	15	38.10	78	45	13.72	10	25.40	128	35	10.67	18	45.72
29	35	10.67	13	33.02	79	55	16.76	16	40.64	129	30	9.14	15	38.10
30	22	6.71	10	25.40	80	35	10.67	20	50.80	130	17	5.18	45	114.30
31	20	6.10	10	25.40	81	24	7.32	48	121.92	131	25	7.62	18	45.72
32	18	5.49	13	33.02	82	30	9.14	34	86.36	132	23	7.01	12	30.48
33	45	13.72	20	50.80	83	20	6.10	14	35.56	133	35	10.67	23	58.42
34	45	13.72	20	50.80	84	30	9.14	14	35.56	134	20	6.10	13	33.02
35	40	12.19	22	55.88	85	22	6.71	17	43.18	135	28	8.53	14	35.56
36	18	5.49	12	30.48	86	35	10.67	17	43.18	136	25	7.62	13	33.02
37	17	5.18	13	33.02	87	18	5.49	19	48.26	137	40	12.19	17	43.18
38	35	10.67	13	33.02	88	65	19.81	17	43.18	138	18	5.49	13	33.02
39	35	10.67	15	38.10	89	25	7.62	16	40.64	139	36	10.97	16	40.64
40	25	7.62	12	30.48	90	37	11.28	13	33.02	140	30	9.14	18	45.72
41	35	10.67	24	60.96	91	15	4.57	13	33.02	141	32	9.75	18	45.72
42	18	5.49	10	25.40	92	35	10.67	19	48.26	142	76	23.16	33	83.82
43	40	12.19	18	45.72	93	30	9.14	12	30.48	143	24	7.32	12	30.48
44	30	9.14	11	27.94	94	45	13.72	10	25.40	144	20	6.10	11	27.94
45	20	6.10	12	30.48	95	70	21.34	46	116.84	145	22	6.71	10	25.40
46	35	10.67	16	40.64	96	25	7.62	13	33.02	146	19	5.79	10	25.40
47	17	5.18	10	25.40	97	30	9.14	15	38.10	147	42	12.80	22	55.88
48	35	10.67	14	35.56	98	42	12.80	15	38.10	148	25	7.62	13	33.02
49	30	9.14	17	43.18	99	15	4.57	45	114.30	149	13	3.96	10	25.40
50	40	12.19	19	48.26	100	30	9.14	18	45.72	150	30	9.14	12	30.48

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)
151	38	11.58	16	40.64	201	22	6.71	10	25.40	251	40	12.19	13	33.02
152	20	6.10	12	30.48	202	27	8.23	10	25.40	252	30	9.14	17	43.18
153	15	4.57	10	25.40	203	72	21.95	43	109.22	253	35	10.67	17	43.18
154	45	13.72	17	43.18	204	60	18.29	39	99.06	254	20	6.10	10	25.40
155	70	21.34	40	101.60	205	20	6.10	16	40.64	255	25	7.62	14	35.56
156	76	23.16	39	99.06	206	20	6.10	10	25.40	256	25	7.62	14	35.56
157	28	8.53	14	35.56	207	35	10.67	18	45.72	257	65	19.81	39	99.06
158	25	7.62	14	35.56	208	30	9.14	14	35.56	258	25	7.62	17	43.18
159	34	10.36	18	45.72	209	25	7.62	15	38.10	259	35	10.67	16	40.64
160	24	7.32	16	40.64	210	25	7.62	16	40.64	260	38	11.58	14	35.56
161	30	9.14	24	60.96	211	20	6.10	12	30.48	261	16	4.88	13	33.02
162	42	12.80	17	43.18	212	28	8.53	15	38.10	262	25	7.62	16	40.64
163	26	7.92	13	33.02	213	25	7.62	15	38.10	263	40	12.19	28	71.12
164	35	10.67	17	43.18	214	42	12.80	16	40.64	264	20	6.10	10	25.40
165	25	7.62	17	43.18	215	20	6.10	14	35.56	265	20	6.10	10	25.40
166	25	7.62	13	33.02	216	40	12.19	19	48.26	266	20	6.10	14	35.56
167	25	7.62	14	35.56	217	22	6.71	16	40.64	267	22	6.71	10	25.40
168	20	6.10	14	35.56	218	16	4.88	12	30.48	268	25	7.62	14	35.56
169	35	10.67	14	35.56	219	35	10.67	19	48.26	269	23	7.01	10	25.40
170	33	10.06	17	43.18	220	24	7.32	11	27.94	270	25	7.62	17	43.18
171	28	8.53	16	40.64	221	18	5.49	14	35.56	271	20	6.10	10	25.40
172	62	18.90	14	35.56	222	25	7.62	15	38.10	272	42	12.80	17	43.18
173	40	12.19	22	55.88	223	28	8.53	13	33.02	273	30	9.14	19	48.26
174	35	10.67	18	45.72	224	30	9.14	16	40.64	274	3	0.91	17	43.18
175	35	10.67	20	50.80	225	25	7.62	13	33.02	275	75	22.86	45	114.30
176	20	6.10	17	43.18	226	60	18.29	34	86.36	276	68	20.73	36	91.44
177	27	8.23	12	30.48	227	20	6.10	15	38.10	277	35	10.67	16	40.64
178	33	10.06	16	40.64	228	32	9.75	16	40.64	278	20	6.10	16	40.64
179	22	6.71	16	40.64	229	60	18.29	34	86.36	279	25	7.62	11	27.94
180	42	12.80	11	27.94	230	30	9.14	14	35.56	280	60	18.29	31	78.74
181	45	13.72	16	40.64	231	25	7.62	18	45.72	281	20	6.10	10	25.40
182	62	18.90	25	63.50	232	26	7.92	12	30.48	282	32	9.75	17	43.18
183	34	10.36	32	81.28	233	20	6.10	12	30.48	283	25	7.62	13	33.02
184	20	6.10	18	45.72	234	30	9.14	18	45.72	284	35	10.67	14	35.56
185	32	9.75	13	33.02	235	86	26.21	43	109.22	285	25	7.62	12	30.48
186	25	7.62	13	33.02	236	30	9.14	12	30.48	286	25	7.62	12	30.48
187	25	7.62	14	35.56	237	16	4.88	10	25.40	287	25	7.62	12	30.48
188	28	8.53	13	33.02	238	18	5.49	10	25.40	288	25	7.62	18	45.72
189	27	8.23	14	35.56	239	20	6.10	13	33.02	289	22	6.71	10	25.40
190	15	4.57	11	27.94	240	70	21.34	33	83.82	290	30	9.14	15	38.10
191	25	7.62	10	25.40	241	38	11.58	14	35.56	291	88	26.82	44	111.76
192	42	12.80	17	43.18	242	55	16.76	27	68.58	292	56	17.07	18	45.72
193	25	7.62	13	33.02	243	65	19.81	43	109.22	293	25	7.62	14	35.56
194	28	8.53	11	27.94	244	20	6.10	10	25.40	294	30	9.14	14	35.56
195	25	7.62	13	33.02	245	75	22.86	46	116.84	295	15	4.57	10	25.40
196	20	6.10	10	25.40	246	35	10.67	14	35.56	296	25	7.62	16	40.64
197	25	7.62	18	45.72	247	52	15.85	30	76.20	297	38	11.58	15	38.10
198	48	14.63	32	81.28	248	17	5.18	13	33.02	298	15	4.57	10	25.40
199	25	7.62	17	43.18	249	35	10.67	17	43.18	299	55	16.76	30	76.20
200	20	6.10	15	38.10	250	25	7.62	14	35.56	300	28	8.53	12	30.48

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	20	6.10	12	30.48	351	32	9.75	22	55.88	401	45	13.72	17	43.18
302	45	13.72	36	91.44	352	16	4.88	11	27.94	402	75	22.86	42	106.68
303	25	7.62	16	40.64	353	28	8.53	15	38.10	403	52	15.85	29	73.66
304	23	7.01	12	30.48	354	20	6.10	11	27.94	404	35	10.67	16	40.64
305	30	9.14	17	43.18	355	20	6.10	16	40.64	405	40	12.19	15	38.10
306	65	19.81	36	91.44	356	17	5.18	15	38.10	406	35	10.67	26	66.04
307	25	7.62	13	33.02	357	32	9.75	15	38.10	407	25	7.62	18	45.72
308	25	7.62	16	40.64	358	20	6.10	10	25.40	408	20	6.10	18	45.72
309	30	9.14	10	25.40	359	15	4.57	12	30.48	409	36	10.97	12	30.48
310	25	7.62	15	38.10	360	20	6.10	10	25.40	410	55	16.76	63	160.02
311	55	16.76	32	81.28	361	75	22.86	47	119.38	411	66	20.12	41	104.14
312	25	7.62	12	30.48	362	22	6.71	11	27.94	412	72	21.95	41	104.14
313	17	5.18	13	33.02	363	20	6.10	10	25.40	413	20	6.10	10	25.40
314	42	12.80	28	71.12	364	24	7.32	13	33.02	414	25	7.62	16	40.64
315	55	16.76	32	81.28	365	20	6.10	10	25.40	415	40	12.19	16	40.64
316	20	6.10	13	33.02	366	20	6.10	11	27.94	416	75	22.86	45	114.30
317	27	8.23	12	30.48	367	30	9.14	15	38.10	417	65	19.81	30	76.20
318	35	10.67	18	45.72	368	35	10.67	21	53.34	418	35	10.67	17	43.18
319	25	7.62	18	45.72	369	55	16.76	22	55.88	419	42	12.80	18	45.72
320	25	7.62	10	25.40	370	75	22.86	45	114.30	420	28	8.53	22	55.88
321	20	6.10	15	38.10	371	20	6.10	11	27.94	421	20	6.10	12	30.48
322	55	16.76	19	48.26	372	72	21.95	44	111.76	422	19	5.79	13	33.02
323	17	5.18	13	33.02	373	20	6.10	12	30.48	423	20	6.10	12	30.48
324	76	23.16	36	91.44	374	50	15.24	27	68.58	424	15	4.57	10	25.40
325	24	7.32	17	43.18	375	20	6.10	15	38.10	425	20	6.10	10	25.40
326	36	10.97	18	45.72	376	20	6.10	12	30.48	426	30	9.14	17	43.18
327	60	18.29	35	88.90	377	28	8.53	17	43.18	427	48	14.63	26	66.04
328	25	7.62	18	45.72	378	55	16.76	36	91.44	428	23	7.01	12	30.48
329	20	6.10	12	30.48	379	60	18.29	31	78.74	429	24	7.32	17	43.18
330	28	8.53	13	33.02	380	25	7.62	17	43.18	430	35	10.67	24	60.96
331	30	9.14	17	43.18	381	22	6.71	11	27.94	431	35	10.67	10	25.40
332	19	5.79	12	30.48	382	40	12.19	17	43.18	432	35	10.67	14	35.56
333	17	5.18	11	27.94	383	55	16.76	36	91.44	433	35	10.67	12	30.48
334	25	7.62	12	30.48	384	50	15.24	32	81.28	434	28	8.53	12	30.48
335	40	12.19	23	58.42	385	25	7.62	15	38.10	435	35	10.67	22	55.88
336	26	7.92	13	33.02	386	56	17.07	36	91.44	436	21	6.40	15	38.10
337	45	13.72	25	63.50	387	45	13.72	18	45.72	437	52	15.85	21	53.34
338	18	5.49	12	30.48	388	42	12.80	18	45.72	438	35	10.67	10	25.40
339	36	10.97	16	40.64	389	30	9.14	22	55.88	439	26	7.92	20	50.80
340	35	10.67	15	38.10	390	35	10.67	26	66.04	440	20	6.10	10	25.40
341	20	6.10	10	25.40	391	60	18.29	27	68.58	441	12	3.66	10	25.40
342	66	20.12	35	88.90	392	49	14.94	17	43.18	442	18	5.49	10	25.40
343	56	17.07	32	81.28	393	30	9.14	22	55.88	443	18	5.49	12	30.48
344	35	10.67	18	45.72	394	38	11.58	18	45.72	444	25	7.62	16	40.64
345	25	7.62	12	30.48	395	18	5.49	14	35.56	445	45	13.72	23	58.42
346	20	6.10	10	25.40	396	46	14.02	18	45.72	446	30	9.14	16	40.64
347	18	5.49	16	40.64	397	56	17.07	40	101.60	447	52	15.85	36	91.44
348	20	6.10	10	25.40	398	62	18.90	56	142.24	448	65	19.81	32	81.28
349	25	7.62	14	35.56	399	60	18.29	30	76.20	449	80	24.38	66	167.64
350	56	17.07	27	68.58	400	28	8.53	17	43.18	450	27	8.23	19	48.26

PANCHET

Shorea robusta/ (Sal)														
SL.	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)	NO	(ft)	(m)	(inch)	(cm)
451	35	10.67	27	68.58	501	40	12.19	24	60.96	551	25	7.62	16	40.64
452	20	6.10	12	30.48	502	19	5.79	18	45.72	552	35	10.67	16	40.64
453	40	12.19	32	81.28	503	26	7.92	19	48.26	553	26	7.92	20	50.80
454	27	8.23	10	25.40	504	20	6.10	12	30.48	554	35	10.67	14	35.56
455	35	10.67	14	35.56	505	54	16.46	19	48.26	555	28	8.53	15	38.10
456	45	13.72	20	50.80	506	35	10.67	19	48.26	556	45	13.72	18	45.72
457	20	6.10	15	38.10	507	20	6.10	17	43.18	557	30	9.14	14	35.56
458	20	6.10	10	25.40	508	19	5.79	15	38.10	558	35	10.67	16	40.64
459	18	5.49	11	27.94	509	48	14.63	17	43.18	559	45	13.72	22	55.88
460	16	4.88	13	33.02	510	35	10.67	12	30.48	560	21	6.40	12	30.48
461	45	13.72	25	63.50	511	55	16.76	22	55.88	561	25	7.62	11	27.94
462	65	19.81	50	127.00	512	40	12.19	24	60.96	562	65	19.81	28	71.12
463	20	6.10	13	33.02	513	40	12.19	13	33.02	563	55	16.76	30	76.20
464	20	6.10	12	30.48	514	19	5.79	13	33.02	564	55	16.76	22	55.88
465	35	10.67	12	30.48	515	15	4.57	10	25.40	565	25	7.62	18	45.72
466	20	6.10	16	40.64	516	25	7.62	16	40.64	566	35	10.67	17	43.18
467	17	5.18	13	33.02	517	50	15.24	31	78.74	567	40	12.19	18	45.72
468	15	4.57	12	30.48	518	25	7.62	22	55.88	568	18	5.49	10	25.40
469	35	10.67	21	53.34	519	28	8.53	18	45.72	569	32	9.75	18	45.72
470	26	7.92	17	43.18	520	45	13.72	21	53.34	570	35	10.67	16	40.64
471	18	5.49	11	27.94	521	35	10.67	12	30.48	571	18	5.49	10	25.40
472	19	5.79	13	33.02	522	45	13.72	31	78.74	572	25	7.62	16	40.64
473	19	5.79	10	25.40	523	25	7.62	13	33.02	573	40	12.19	14	35.56
474	32	9.75	15	38.10	524	45	13.72	21	53.34	574	40	12.19	18	45.72
475	17	5.18	12	30.48	525	18	5.49	13	33.02	575	25	7.62	18	45.72
476	22	6.71	13	33.02	526	30	9.14	14	35.56	576	45	13.72	18	45.72
477	28	8.53	14	35.56	527	26	7.92	12	30.48	577	30	9.14	15	38.10
478	65	19.81	34	86.36	528	28	8.53	15	38.10	578	35	10.67	17	43.18
479	45	13.72	17	43.18	529	44	13.41	15	38.10	579	50	15.24	39	99.06
480	50	15.24	20	50.80	530	25	7.62	10	25.40	580	35	10.67	18	45.72
481	16	4.88	11	27.94	531	20	6.10	10	25.40	581	26	7.92	11	27.94
482	45	13.72	13	33.02	532	65	19.81	32	81.28	582	25	7.62	17	43.18
483	27	8.23	17	43.18	533	45	13.72	19	48.26	583	30	9.14	16	40.64
484	33	10.06	14	35.56	534	35	10.67	14	35.56	584	30	9.14	11	27.94
485	38	11.58	13	33.02	535	62	18.90	30	76.20	585	35	10.67	17	43.18
486	40	12.19	18	45.72	536	38	11.58	14	35.56	586	19	5.79	14	35.56
487	42	12.80	18	45.72	537	35	10.67	17	43.18	587	35	10.67	23	58.42
488	55	16.76	15	38.10	538	25	7.62	10	25.40	588	35	10.67	14	35.56
489	45	13.72	16	40.64	539	28	8.53	14	35.56	589	19	5.79	12	30.48
490	28	8.53	14	35.56	540	20	6.10	12	30.48	590	37	11.28	15	38.10
491	20	6.10	10	25.40	541	45	13.72	36	91.44	591	18	5.49	11	27.94
492	42	12.80	16	40.64	542	35	10.67	14	35.56	592	12	3.66	10	25.40
493	45	13.72	15	38.10	543	70	21.34	14	35.56	593	20	6.10	12	30.48
494	48	14.63	21	53.34	544	15	4.57	10	25.40	594	18	5.49	11	27.94
495	30	9.14	16	40.64	545	26	7.92	12	30.48	595	25	7.62	12	30.48
496	31	9.45	12	30.48	546	25	7.62	11	27.94	596	37	11.28	16	40.64
497	18	5.49	16	40.64	547	25	7.62	22	55.88	597	25	7.62	12	30.48
498	20	6.10	8	20.32	548	30	9.14	16	40.64	598	15	4.57	10	25.40
499	17	5.18	12	30.48	549	27	8.23	15	38.10	599	28	8.53	12	30.48
500	45	13.72	12	30.48	550	25	7.62	15	38.10	600	50	15.24	21	53.34

PANCHET

***Shorea robusta*/ (Sal)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
601	20	6.10	10	25.40
602	25	7.62	15	38.10
603	25	7.62	14	35.56
604	20	6.10	13	33.02
605	55	16.76	23	58.42
606	20	6.10	17	43.18
607	28	8.53	13	33.02
608	25	7.62	14	35.56
609	58	17.68	26	66.04
610	25	7.62	10	25.40
611	20	6.10	12	30.48
612	35	10.67	18	45.72
613	20	6.10	10	25.40
614	40	12.19	16	40.64
615	35	10.67	19	48.26
616	25	7.62	13	33.02
617	25	7.62	14	35.56
618	20	6.10	16	40.64
619	56	17.07	24	60.96
620	52	15.85	19	48.26
621	15	4.57	10	25.40
622	20	6.10	11	27.94
623	50	15.24	22	55.88
624	25	7.62	16	40.64
625	18	5.49	14	35.56
626	25	7.62	14	35.56
627	25	7.62	13	33.02
628	26	7.92	17	43.18
629	55	16.76	20	50.80
630	20	6.10	12	30.48
631	15	4.57	10	25.40
632	55	16.76	19	48.26
633	20	6.10	10	25.40
634	22	6.71	10	25.40
635	25	7.62	14	35.56
636	20	6.10	12	30.48
637	26	7.92	13	33.02
638	25	7.62	15	38.10
639	20	6.10	10	25.40
640	19	5.79	16	40.64
641	20	6.10	12	30.48
642	22	6.71	14	35.56
643	22	6.71	17	43.18
644	25	7.62	18	45.72
645	17	5.18	10	25.40
646	16	4.88	12	30.48
647	20	6.10	11	27.94
648	20	6.10	16	40.64
649	20	6.10	10	25.40
650	32	9.75	25	63.50

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
651	25	7.62	14	35.56
652	35	10.67	12	30.48
653	25	7.62	11	27.94
654	20	6.10	10	25.40
655	15	4.57	11	27.94
656	30	9.14	13	33.02
657	26	7.92	12	30.48
658	25	7.62	12	30.48
659	30	9.14	14	35.56
660	16	4.88	14	35.56
661	30	9.14	10	25.40
662	18	5.49	11	27.94
663	50	15.24	38	96.52
664	30	9.14	14	35.56
665	65	19.81	43	109.22
666	30	9.14	14	35.56
667	20	6.10	14	35.56
668	30	9.14	24	60.96
669	19	5.79	13	33.02
670	20	6.10	16	40.64
671	60	18.29	35	88.90
672	25	7.62	15	38.10
673	55	16.76	28	71.12
674	25	7.62	16	40.64
675	28	8.53	14	35.56
676	25	7.62	12	30.48
677	16	4.88	10	25.40
678	19	5.79	13	33.02
679	20	6.10	10	25.40
680	65	19.81	36	91.44
681	21	6.40	12	30.48
682	35	10.67	28	71.12
683	35	10.67	29	73.66
684	40	12.19	27	68.58
685	25	7.62	11	27.94
686	20	6.10	10	25.40
687	45	13.72	30	76.20
688	65	19.81	29	73.66
689	24	7.32	12	30.48
690	75	22.86	38	96.52
691	55	16.76	42	106.68
692	56	17.07	27	68.58
693	30	9.14	19	48.26
694	55	16.76	27	68.58
695	65	19.81	36	91.44
696	78	23.77	46	116.84
697	55	16.76	23	58.42
698	32	9.75	14	35.56
699	35	10.67	18	45.72
700	50	15.24	31	78.74
701	46	14.02	23	58.42
702	35	10.67	30	76.20

***Mitragyna parviflora*/ (Kelikadam)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	45	13.72	42	106.68

***Cassia fistula*/ (Sonalu/ Bandorlathi)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	25	7.62	16	40.64
2	14	4.27	16	40.64
3	30	9.14	17	43.18

***Ficus bengalensis*/ (Bot)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	60	18.29	120	304.80

***Pterocarpus marsupium*/ (piyasal)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	20	6.10	12	30.48

***Terminalia bellirica* / (Bohera)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	16	4.88	10	25.40
2	45	13.72	24	60.96

***Albizia lebbeck*/ (Siris)**

SL. NO	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	50	15.24	72	182.88

PANCHET

***Terminalia tomentosa*/ (Ason)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	16	40.64
2	15	4.57	10	25.40
3	20	6.10	30	76.20
4	30	9.14	16	40.64
5	25	7.62	13	33.02
6	20	6.10	11	27.94
7	35	10.67	15	38.10

***Adina cordifolia*/ (Holdu)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	57	144.8
2	15	4.57	16	40.64
3	20	6.10	17	43.18

***Bridelia retusa*/ (Bhuans)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	18	45.72
2	20	6.10	10	25.40

PANCHET

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***Shorea robusta*/ (Sal)**

SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	45	13.72	21	53.34	51	20	6.10	10	25.40	101	38	11.58	16	40.64
2	40	12.19	18	45.72	52	28	8.53	17	43.18	102	45	13.72	21	53.34
3	20	6.10	15	38.10	53	26	7.92	18	45.72	103	35	10.67	17	43.18
4	35	10.67	17	43.18	54	40	12.19	17	43.18	104	40	12.19	19	48.26
5	30	9.14	20	50.80	55	35	10.67	14	35.56	105	32	9.75	13	33.02
6	25	7.62	14	35.56	56	20	6.10	10	25.40	106	45	13.72	21	53.34
7	45	13.72	33	83.82	57	55	16.76	31	78.74	107	45	13.72	25	63.50
8	32	9.75	19	48.26	58	18	5.49	10	25.40	108	76	23.16	34	86.36
9	55	16.76	32	81.28	59	35	10.67	11	27.94	109	26	7.92	11	27.94
10	25	7.62	15	38.10	60	40	12.19	17	43.18	110	25	7.62	10	25.40
11	25	7.62	12	30.48	61	20	6.10	10	25.40	111	30	9.14	13	33.02
12	45	13.72	28	71.12	62	35	10.67	15	38.10	112	30	9.14	12	30.48
13	25	7.62	11	27.94	63	45	13.72	13	33.02	113	16	4.88	13	33.02
14	40	12.19	17	43.18	64	25	7.62	13	33.02	114	30	9.14	10	25.40
15	25	7.62	11	27.94	65	25	7.62	12	30.48	115	32	9.75	19	48.26
16	22	6.71	11	27.94	66	35	10.67	16	40.64	116	60	18.29	22	55.88
17	30	9.14	11	27.94	67	30	9.14	10	25.40	117	32	9.75	16	40.64
18	25	7.62	17	43.18	68	35	10.67	16	40.64	118	38	11.58	15	38.10
19	35	10.67	17	43.18	69	25	7.62	16	40.64	119	35	10.67	20	50.80
20	25	7.62	12	30.48	70	28	8.53	14	35.56	120	22	6.71	12	30.48
21	30	9.14	15	38.10	71	30	9.14	14	35.56	121	20	6.10	10	25.40
22	30	9.14	16	40.64	72	75	22.86	30	76.20	122	25	7.62	14	35.56
23	32	9.75	21	53.34	73	35	10.67	21	53.34	123	30	9.14	12	30.48
24	34	10.36	22	55.88	74	50	15.24	26	66.04	124	20	6.10	10	25.40
25	55	16.76	35	88.90	75	25	7.62	13	33.02	125	30	9.14	13	33.02
26	25	7.62	12	30.48	76	28	8.53	12	30.48	126	27	8.23	11	27.94
27	30	9.14	14	35.56	77	20	6.10	13	33.02	127	25	7.62	13	33.02
28	25	7.62	10	25.40	78	20	6.10	10	25.40	128	35	10.67	18	45.72
29	25	7.62	13	33.02	79	25	7.62	14	35.56	129	27	8.23	11	27.94
30	26	7.92	11	27.94	80	28	8.53	16	40.64	130	20	6.10	12	30.48
31	20	6.10	12	30.48	81	32	9.75	13	33.02	131	25	7.62	16	40.64
32	19	5.79	13	33.02	82	21	6.40	10	25.40	132	26	7.92	20	50.80
33	30	9.14	18	45.72	83	31	9.45	18	45.72	133	47	14.33	19	48.26
34	25	7.62	11	27.94	84	25	7.62	10	25.40	134	42	12.80	20	50.80
35	33	10.06	19	48.26	85	25	7.62	12	30.48	135	25	7.62	10	25.40
36	25	7.62	16	40.64	86	32	9.75	14	35.56	136	40	12.19	13	33.02
37	60	18.29	33	83.82	87	38	11.58	18	45.72	137	40	12.19	19	48.26
38	62	18.90	34	86.36	88	35	10.67	19	48.26	138	32	9.75	16	40.64
39	35	10.67	15	38.10	89	45	13.72	22	55.88	139	37	11.28	14	35.56
40	28	8.53	10	25.40	90	25	7.62	15	38.10	140	15	4.57	10	25.40
41	65	19.81	28	71.12	91	32	9.75	18	45.72	141	30	9.14	14	35.56
42	25	7.62	12	30.48	92	38	11.58	17	43.18	142	25	7.62	14	35.56
43	34	10.36	18	45.72	93	25	7.62	10	25.40	143	35	10.67	14	35.56
44	22	6.71	10	25.40	94	25	7.62	12	30.48	144	26	7.92	13	33.02
45	38	11.58	16	40.64	95	32	9.75	19	48.26	145	35	10.67	19	48.26
46	28	8.53	15	38.10	96	30	9.14	16	40.64	146	37	11.28	21	53.34
47	40	12.19	12	30.48	97	26	7.92	15	38.10	147	42	12.80	18	45.72
48	25	7.62	10	25.40	98	35	10.67	17	43.18	148	30	9.14	15	38.10
49	44	13.41	12	30.48	99	38	11.58	11	27.94	149	25	7.62	18	45.72
50	25	7.62	17	43.18	100	45	13.72	20	50.80	150	40	12.19	25	63.50

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
151	25	7.62	15	38.10	201	25	7.62	10	25.40	251	20	6.10	10	25.40
152	35	10.67	17	43.18	202	32	9.75	16	40.64	252	21	6.40	12	30.48
153	30	9.14	20	50.80	203	33	10.06	12	30.48	253	22	6.71	12	30.48
154	35	10.67	16	40.64	204	30	9.14	14	35.56	254	26	7.92	13	33.02
155	15	4.57	10	25.40	205	27	8.23	12	30.48	255	15	4.57	10	25.40
156	30	9.14	14	35.56	206	20	6.10	10	25.40	256	20	6.10	12	30.48
157	15	4.57	35	88.90	207	30	9.14	11	27.94	257	50	15.24	27	68.58
158	22	6.71	13	33.02	208	45	13.72	25	63.50	258	25	7.62	11	27.94
159	27	8.23	11	27.94	209	35	10.67	14	35.56	259	45	13.72	14	35.56
160	32	9.75	19	48.26	210	78	23.77	38	96.52	260	55	16.76	20	50.80
161	32	9.75	16	40.64	211	40	12.19	17	43.18	261	30	9.14	12	30.48
162	35	10.67	11	27.94	212	55	16.76	38	96.52	262	26	7.92	17	43.18
163	25	7.62	18	45.72	213	35	10.67	14	35.56	263	28	8.53	14	35.56
164	60	18.29	25	63.50	214	25	7.62	12	30.48	264	25	7.62	12	30.48
165	20	6.10	17	43.18	215	39	11.89	18	45.72	265	20	6.10	10	25.40
166	25	7.62	11	27.94	216	20	6.10	11	27.94	266	28	8.53	13	33.02
167	25	7.62	13	33.02	217	25	7.62	13	33.02	267	36	10.97	19	48.26
168	26	7.92	18	45.72	218	26	7.92	10	25.40	268	55	16.76	28	71.12
169	26	7.92	12	30.48	219	20	6.10	11	27.94	269	35	10.67	18	45.72
170	25	7.62	11	27.94	220	25	7.62	12	30.48	270	26	7.92	10	25.40
171	30	9.14	19	48.26	221	25	7.62	14	35.56	271	25	7.62	13	33.02
172	25	7.62	13	33.02	222	26	7.92	19	48.26	272	28	8.53	13	33.02
173	27	8.23	12	30.48	223	25	7.62	16	40.64	273	30	9.14	16	40.64
174	28	8.53	13	33.02	224	60	18.29	28	71.12	274	32	9.75	15	38.10
175	20	6.10	13	33.02	225	25	7.62	10	25.40	275	40	12.19	20	50.80
176	25	7.62	12	30.48	226	35	10.67	12	30.48	276	38	11.58	23	58.42
177	20	6.10	10	25.40	227	26	7.92	12	30.48	277	27	8.23	20	50.80
178	20	6.10	12	30.48	228	25	7.62	14	35.56	278	45	13.72	31	78.74
179	25	7.62	13	33.02	229	20	6.10	12	30.48	279	42	12.80	22	55.88
180	30	9.14	14	35.56	230	28	8.53	18	45.72	280	21	6.40	13	33.02
181	75	22.86	37	93.98	231	20	6.10	10	25.40	281	15	4.57	10	25.40
182	35	10.67	19	48.26	232	36	10.97	16	40.64	282	45	13.72	18	45.72
183	38	11.58	20	50.80	233	25	7.62	13	33.02	283	21	6.40	14	35.56
184	44	13.41	14	35.56	234	15	4.57	10	25.40	284	30	9.14	20	50.80
185	46	14.02	30	76.20	235	20	6.10	12	30.48	285	35	10.67	16	40.64
186	55	16.76	36	91.44	236	25	7.62	14	35.56	286	38	11.58	19	48.26
187	30	9.14	18	45.72	237	20	6.10	11	27.94	287	15	4.57	10	25.40
188	35	10.67	10	25.40	238	35	10.67	15	38.10	288	18	5.49	10	25.40
189	30	9.14	11	27.94	239	40	12.19	15	38.10	289	25	7.62	12	30.48
190	20	6.10	10	25.40	240	19	5.79	13	33.02	290	25	7.62	14	35.56
191	22	6.71	12	30.48	241	28	8.53	13	33.02	291	20	6.10	11	27.94
192	23	7.01	16	40.64	242	32	9.75	14	35.56	292	20	6.10	10	25.40
193	45	13.72	27	68.58	243	29	8.84	15	38.10	293	35	10.67	19	48.26
194	64	19.51	34	86.36	244	30	9.14	14	35.56	294	25	7.62	12	30.48
195	27	8.23	11	27.94	245	30	9.14	15	38.10	295	35	10.67	20	50.80
196	35	10.67	17	43.18	246	17	5.18	10	25.40	296	30	9.14	11	27.94
197	30	9.14	14	35.56	247	35	10.67	15	38.10	297	32	9.75	16	40.64
198	15	4.57	10	25.40	248	30	9.14	18	45.72	298	25	7.62	12	30.48
199	40	12.19	24	60.96	249	19	5.79	10	25.40	299	42	12.80	18	45.72
200	35	10.67	17	43.18	250	65	19.81	34	86.36	300	40	12.19	17	43.18

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
301	23	7.01	12	30.48	351	36	10.97	18	45.72	401	25	7.62	14	35.56
302	25	7.62	11	27.94	352	35	10.67	13	33.02	402	20	6.10	13	33.02
303	15	4.57	10	25.40	353	25	7.62	10	25.40	403	19	5.79	10	25.40
304	25	7.62	10	25.40	354	30	9.14	16	40.64	404	20	6.10	10	25.40
305	20	6.10	11	27.94	355	35	10.67	13	33.02	405	35	10.67	17	43.18
306	25	7.62	11	27.94	356	20	6.10	10	25.40	406	80	24.38	34	86.36
307	26	7.92	12	30.48	357	26	7.92	11	27.94	407	30	9.14	16	40.64
308	30	9.14	16	40.64	358	30	9.14	12	30.48	408	65	19.81	37	93.98
309	25	7.62	19	48.26	359	55	16.76	22	55.88	409	65	19.81	30	76.20
310	36	10.97	14	35.56	360	25	7.62	12	30.48	410	30	9.14	12	30.48
311	22	6.71	10	25.40	361	32	9.75	15	38.10	411	26	7.92	12	30.48
312	30	9.14	18	45.72	362	34	10.36	15	38.10	412	25	7.62	13	33.02
313	31	9.45	18	45.72	363	40	12.19	19	48.26	413	25	7.62	18	45.72
314	25	7.62	12	30.48	364	40	12.19	15	38.10	414	25	7.62	12	30.48
315	65	19.81	30	76.20	365	38	11.58	14	35.56	415	30	9.14	18	45.72
316	20	6.10	13	33.02	366	60	18.29	32	81.28	416	21	6.40	15	38.10
317	20	6.10	12	30.48	367	30	9.14	11	27.94	417	14	4.27	12	30.48
318	45	13.72	25	63.50	368	72	21.95	37	93.98	418	15	4.57	13	33.02
319	27	8.23	13	33.02	369	25	7.62	10	25.40	419	35	10.67	18	45.72
320	22	6.71	12	30.48	370	25	7.62	12	30.48	420	25	7.62	13	33.02
321	38	11.58	16	40.64	371	45	13.72	22	55.88	421	65	19.81	32	81.28
322	25	7.62	12	30.48	372	35	10.67	14	35.56	422	60	18.29	33	83.82
323	25	7.62	14	35.56	373	35	10.67	16	40.64	423	28	8.53	15	38.10
324	25	7.62	10	25.40	374	30	9.14	17	43.18	424	30	9.14	15	38.10
325	25	7.62	10	25.40	375	25	7.62	10	25.40	425	21	6.40	14	35.56
326	26	7.92	12	30.48	376	20	6.10	10	25.40	426	30	9.14	13	33.02
327	35	10.67	19	48.26	377	35	10.67	14	35.56	427	25	7.62	14	35.56
328	64	19.51	17	43.18	378	30	9.14	14	35.56	428	20	6.10	16	40.64
329	55	16.76	30	76.20	379	35	10.67	16	40.64	429	50	15.24	26	66.04
330	60	18.29	30	76.20	380	45	13.72	27	68.58	430	25	7.62	10	25.40
331	30	9.14	13	33.02	381	65	19.81	37	93.98	431	22	6.71	10	25.40
332	25	7.62	15	38.10	382	25	7.62	10	25.40	432	20	6.10	10	25.40
333	32	9.75	14	35.56	383	26	7.92	12	30.48	433	35	10.67	15	38.10
334	26	7.92	15	38.10	384	88	26.82	32	81.28	434	20	6.10	10	25.40
335	32	9.75	13	33.02	385	22	6.71	13	33.02	435	45	13.72	18	45.72
336	36	10.97	16	40.64	386	45	13.72	16	40.64	436	26	7.92	14	35.56
337	30	9.14	15	38.10	387	25	7.62	12	30.48	437	25	7.62	12	30.48
338	30	9.14	18	45.72	388	33	10.06	14	35.56	438	26	7.92	14	35.56
339	30	9.14	19	48.26	389	25	7.62	15	38.10	439	27	8.23	17	43.18
340	15	4.57	10	25.40	390	32	9.75	12	30.48	440	26	7.92	15	38.10
341	25	7.62	14	35.56	391	25	7.62	11	27.94	441	31	9.45	16	40.64
342	35	10.67	17	43.18	392	25	7.62	13	33.02	442	38	11.58	16	40.64
343	45	13.72	29	73.66	393	30	9.14	17	43.18	443	25	7.62	12	30.48
344	45	13.72	16	40.64	394	25	7.62	10	25.40	444	30	9.14	15	38.10
345	26	7.92	14	35.56	395	20	6.10	11	27.94	445	21	6.40	11	27.94
346	35	10.67	14	35.56	396	20	6.10	12	30.48	446	22	6.71	10	25.40
347	40	12.19	22	55.88	397	35	10.67	16	40.64	447	32	9.75	18	45.72
348	65	19.81	36	91.44	398	25	7.62	17	43.18	448	26	7.92	13	33.02
349	62	18.90	12	30.48	399	26	7.92	13	33.02	449	45	13.72	19	48.26
350	25	7.62	14	35.56	400	30	9.14	14	35.56	450	21	6.40	12	30.48

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
451	20	6.10	13	33.02	501	21	6.40	12	30.48	551	19	5.79	12	30.48
452	32	9.75	18	45.72	502	36	10.97	20	50.80	552	52	15.85	17	43.18
453	25	7.62	10	25.40	503	31	9.45	14	35.56	553	15	4.57	10	25.40
454	30	9.14	19	48.26	504	31	9.45	12	30.48	554	30	9.14	16	40.64
455	60	18.29	36	91.44	505	32	9.75	18	45.72	555	31	9.45	11	27.94
456	20	6.10	10	25.40	506	65	19.81	28	71.12	556	32	9.75	13	33.02
457	22	6.71	10	25.40	507	52	15.85	37	93.98	557	16	4.88	10	25.40
458	15	4.57	10	25.40	508	20	6.10	10	25.40	558	25	7.62	11	27.94
459	20	6.10	12	30.48	509	30	9.14	15	38.10	559	40	12.19	17	43.18
460	19	5.79	13	33.02	510	26	7.92	15	38.10	560	36	10.97	15	38.10
461	32	9.75	13	33.02	511	40	12.19	16	40.64	561	45	13.72	22	55.88
462	40	12.19	15	38.10	512	28	8.53	12	30.48	562	25	7.62	12	30.48
463	35	10.67	13	33.02	513	20	6.10	10	25.40	563	21	6.40	10	25.40
464	65	19.81	18	45.72	514	25	7.62	15	38.10	564	25	7.62	12	30.48
465	30	9.14	12	30.48	515	25	7.62	10	25.40	565	26	7.92	14	35.56
466	32	9.75	15	38.10	516	25	7.62	11	27.94	566	25	7.62	12	30.48
467	65	19.81	14	35.56	517	20	6.10	10	25.40	567	25	7.62	13	33.02
468	65	19.81	29	73.66	518	30	9.14	14	35.56	568	44	13.41	17	43.18
469	45	13.72	16	40.64	519	20	6.10	12	30.48	569	29	8.84	11	27.94
470	65	19.81	23	58.42	520	23	7.01	13	33.02	570	30	9.14	13	33.02
471	42	12.80	14	35.56	521	40	12.19	17	43.18	571	35	10.67	17	43.18
472	25	7.62	16	40.64	522	20	6.10	11	27.94	572	20	6.10	13	33.02
473	25	7.62	14	35.56	523	36	10.97	16	40.64	573	21	6.40	10	25.40
474	15	4.57	12	30.48	524	21	6.40	12	30.48	574	32	9.75	14	35.56
475	16	4.88	10	25.40	525	25	7.62	13	33.02	575	42	12.80	16	40.64
476	20	6.10	12	30.48	526	35	10.67	12	30.48	576	35	10.67	15	38.10
477	45	13.72	18	45.72	527	26	7.92	10	25.40	577	34	10.36	15	38.10
478	26	7.92	20	50.80	528	35	10.67	20	50.80	578	30	9.14	13	33.02
479	25	7.62	10	25.40	529	65	19.81	38	96.52	579	32	9.75	16	40.64
480	23	7.01	18	45.72	530	45	13.72	17	43.18	580	10	3.05	10	25.40
481	55	16.76	27	68.58	531	26	7.92	16	40.64	581	34	10.36	17	43.18
482	65	19.81	43	109.22	532	15	4.57	13	33.02	582	30	9.14	17	43.18
483	20	6.10	10	25.40	533	21	6.40	10	25.40	583	25	7.62	12	30.48
484	30	9.14	17	43.18	534	46	14.02	17	43.18	584	25	7.62	14	35.56
485	28	8.53	13	33.02	535	26	7.92	13	33.02	585	70	21.34	41	104.14
486	35	10.67	16	40.64	536	16	4.88	10	25.40	586	25	7.62	15	38.10
487	30	9.14	13	33.02	537	21	6.40	12	30.48	587	25	7.62	13	33.02
488	25	7.62	16	40.64	538	41	12.50	17	43.18	588	32	9.75	14	35.56
489	15	4.57	10	25.40	539	26	7.92	10	25.40	589	55	16.76	32	81.28
490	55	16.76	25	63.50	540	75	22.86	38	96.52	590	25	7.62	12	30.48
491	30	9.14	15	38.10	541	66	20.12	37	93.98	591	20	6.10	11	27.94
492	52	15.85	29	73.66	542	36	10.97	16	40.64	592	66	20.12	29	73.66
493	25	7.62	12	30.48	543	25	7.62	12	30.48	593	25	7.62	10	25.40
494	20	6.10	13	33.02	544	32	9.75	15	38.10	594	27	8.23	13	33.02
495	28	8.53	14	35.56	545	15	4.57	12	30.48	595	50	15.24	19	48.26
496	30	9.14	20	50.80	546	30	9.14	16	40.64	596	35	10.67	15	38.10
497	45	13.72	20	50.80	547	35	10.67	18	45.72	597	30	9.14	12	30.48
498	40	12.19	15	38.10	548	34	10.36	16	40.64	598	31	9.45	12	30.48
499	21	6.40	10	25.40	549	25	7.62	11	27.94	599	25	7.62	15	38.10
500	25	7.62	13	33.02	550	25	7.62	11	27.94	600	36	10.97	15	38.10

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
601	10	3.05	10	25.40	651	20	6.10	14	35.56	701	35	10.67	19	48.26
602	24	7.32	10	25.40	652	25	7.62	10	25.40	702	35	10.67	17	43.18
603	45	13.72	15	38.10	653	26	7.92	13	33.02	703	25	7.62	12	30.48
604	31	9.45	15	38.10	654	27	8.23	13	33.02	704	24	7.32	10	25.40
605	42	12.80	20	50.80	655	40	12.19	15	38.10	705	26	7.92	11	27.94
606	32	9.75	16	40.64	656	42	12.80	18	45.72	706	23	7.01	10	25.40
607	36	10.97	15	38.10	657	35	10.67	26	66.04	707	65	19.81	27	68.58
608	41	12.50	28	71.12	658	32	9.75	16	40.64	708	25	7.62	14	35.56
609	24	7.32	15	38.10	659	35	10.67	18	45.72	709	35	10.67	16	40.64
610	37	11.28	13	33.02	660	30	9.14	16	40.64	710	26	7.92	12	30.48
611	55	16.76	20	50.80	661	25	7.62	14	35.56	711	25	7.62	14	35.56
612	40	12.19	13	33.02	662	26	7.92	12	30.48	712	20	6.10	10	25.40
613	25	7.62	10	25.40	663	28	8.53	13	33.02	713	21	6.40	11	27.94
614	25	7.62	11	27.94	664	35	10.67	10	25.40	714	61	18.59	35	88.90
615	11	3.35	10	25.40	665	40	12.19	15	38.10	715	20	6.10	10	25.40
616	65	19.81	38	96.52	666	38	11.58	18	45.72	716	22	6.71	10	25.40
617	30	9.14	12	30.48	667	36	10.97	15	38.10	717	25	7.62	12	30.48
618	25	7.62	11	27.94	668	25	7.62	24	60.96	718	35	10.67	16	40.64
619	65	19.81	26	66.04	669	30	9.14	12	30.48	719	46	14.02	16	40.64
620	30	9.14	20	50.80	670	35	10.67	15	38.10	720	35	10.67	17	43.18
621	25	7.62	15	38.10	671	25	7.62	14	35.56	721	35	10.67	18	45.72
622	28	8.53	10	25.40	672	25	7.62	14	35.56	722	25	7.62	10	25.40
623	40	12.19	15	38.10	673	65	19.81	13	33.02	723	40	12.19	12	30.48
624	15	4.57	17	43.18	674	25	7.62	35	88.90	724	30	9.14	12	30.48
625	25	7.62	10	25.40	675	25	7.62	12	30.48	725	35	10.67	14	35.56
626	65	19.81	10	25.40	676	25	7.62	16	40.64	726	35	10.67	16	40.64
627	30	9.14	27	68.58	677	20	6.10	14	35.56	727	36	10.97	16	40.64
628	70	21.34	14	35.56	678	20	6.10	11	27.94	728	30	9.14	16	40.64
629	35	10.67	42	106.68	679	30	9.14	16	40.64	729	41	12.50	16	40.64
630	25	7.62	18	45.72	680	35	10.67	15	38.10	730	25	7.62	12	30.48
631	25	7.62	11	27.94	681	35	10.67	17	43.18	731	31	9.45	10	25.40
632	25	7.62	13	33.02	682	25	7.62	29	73.66	732	10	3.05	10	25.40
633	55	16.76	16	40.64	683	20	6.10	15	38.10	733	40	12.19	16	40.64
634	40	12.19	31	78.74	684	30	9.14	14	35.56	734	34	10.36	16	40.64
635	35	10.67	20	50.80	685	27	8.23	16	40.64	735	31	9.45	13	33.02
636	25	7.62	20	50.80	686	61	18.59	13	33.02	736	15	4.57	10	25.40
637	25	7.62	15	38.10	687	40	12.19	22	55.88	737	25	7.62	11	27.94
638	30	9.14	15	38.10	688	21	6.40	14	35.56	738	60	18.29	33	83.82
639	35	10.67	14	35.56	689	35	10.67	12	30.48	739	15	4.57	10	25.40
640	20	6.10	19	48.26	690	35	10.67	11	27.94	740	25	7.62	15	38.10
641	51	15.54	12	30.48	691	34	10.36	14	35.56	741	30	9.14	15	38.10
642	26	7.92	36	91.44	692	22	6.71	15	38.10	742	52	15.85	19	48.26
643	25	7.62	13	33.02	693	31	9.45	12	30.48	743	25	7.62	15	38.10
644	25	7.62	12	30.48	694	26	7.92	15	38.10	744	35	10.67	15	38.10
645	35	10.67	14	35.56	695	25	7.62	18	45.72	745	20	6.10	12	30.48
646	15	4.57	13	33.02	696	25	7.62	13	33.02	746	34	10.36	14	35.56
647	25	7.62	10	25.40	697	25	7.62	14	35.56	747	32	9.75	15	38.10
648	26	7.92	15	38.10	698	25	7.62	14	35.56	748	30	9.14	12	30.48
649	35	10.67	16	40.64	699	25	7.62	15	38.10	749	35	10.67	16	40.64
650	41	12.50	14	35.56	700	25	7.62	13	33.02	750	45	13.72	22	55.88

PANCHET

Shorea robusta/ (Sal)														
	Height		Girth			Height		Girth			Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)	SL. NO	(ft)	(m)	(inch)	(cm)
751	20	6.10	10	25.40	801	35	10.67	20	50.80	851	30	9.14	14	35.56
752	40	12.19	19	48.26	802	15	4.57	12	30.48	852	26	7.92	12	30.48
753	25	7.62	13	33.02	803	35	10.67	11	27.94	853	24	7.32	10	25.40
754	35	10.67	17	43.18	804	25	7.62	14	35.56	854	40	12.19	16	40.64
755	20	6.10	11	27.94	805	30	9.14	13	33.02	855	35	10.67	14	35.56
756	25	7.62	12	30.48	806	16	4.88	10	25.40	856	35	10.67	21	53.34
757	50	15.24	24	60.96	807	60	18.29	24	60.96	857	21	6.40	10	25.40
758	65	19.81	31	78.74	808	35	10.67	15	38.10	858	30	9.14	14	35.56
759	26	7.92	10	25.40	809	67	20.42	27	68.58	859	15	4.57	10	25.40
760	35	10.67	16	40.64	810	20	6.10	10	25.40	860	25	7.62	12	30.48
761	36	10.97	19	48.26	811	35	10.67	16	40.64	861	25	7.62	14	35.56
762	25	7.62	12	30.48	812	30	9.14	12	30.48	862	20	6.10	10	25.40
763	42	12.80	19	48.26	813	30	9.14	14	35.56	863	66	20.12	31	78.74
764	40	12.19	17	43.18	814	25	7.62	10	25.40	864	35	10.67	14	35.56
765	25	7.62	10	25.40	815	35	10.67	15	38.10	865	50	15.24	20	50.80
766	11	3.35	10	25.40	816	42	12.80	20	50.80	866	45	13.72	14	35.56
767	30	9.14	15	38.10	817	37	11.28	14	35.56	867	25	7.62	10	25.40
768	35	10.67	16	40.64	818	43	13.11	20	50.80	868	20	6.10	10	25.40
769	37	11.28	13	33.02	819	34	10.36	13	33.02	869	25	7.62	14	35.56
770	66	20.12	37	93.98	820	31	9.45	13	33.02	870	25	7.62	12	30.48
771	37	11.28	14	35.56	821	25	7.62	12	30.48	871	21	6.40	11	27.94
772	20	6.10	10	25.40	822	26	7.92	12	30.48	872	30	9.14	16	40.64
773	35	10.67	15	38.10	823	35	10.67	16	40.64	873	23	7.01	11	27.94
774	15	4.57	10	25.40	824	35	10.67	16	40.64	874	40	12.19	18	45.72
775	25	7.62	11	27.94	825	25	7.62	14	35.56	875	20	6.10	10	25.40
776	45	13.72	18	45.72	826	42	12.80	19	48.26	876	35	10.67	18	45.72
777	41	12.50	28	71.12	827	36	10.97	25	63.50	877	25	7.62	10	25.40
778	25	7.62	15	38.10	828	37	11.28	17	43.18	878	25	7.62	15	38.10
779	35	10.67	16	40.64	829	25	7.62	13	33.02	879	25	7.62	16	40.64
780	67	20.42	29	73.66	830	25	7.62	12	30.48	880	20	6.10	14	35.56
781	64	19.51	33	83.82	831	25	7.62	16	40.64	881	28	8.53	11	27.94
782	45	13.72	21	53.34	832	25	7.62	10	25.40	882	20	6.10	10	25.40
783	20	6.10	11	27.94	833	34	10.36	19	48.26	883	25	7.62	15	38.10
784	25	7.62	10	25.40	834	40	12.19	17	43.18	884	20	6.10	10	25.40
785	41	12.50	17	43.18	835	81	24.69	32	81.28	885	35	10.67	15	38.10
786	19	5.79	10	25.40	836	55	16.76	31	78.74	886	20	6.10	10	25.40
787	50	15.24	30	76.20	837	25	7.62	12	30.48	887	30	9.14	15	38.10
788	80	24.38	33	83.82	838	30	9.14	15	38.10	888	22	6.71	10	25.40
789	40	12.19	22	55.88	839	31	9.45	16	40.64	889	25	7.62	10	25.40
790	17	5.18	10	25.40	840	25	7.62	13	33.02	890	26	7.92	16	40.64
791	23	7.01	14	35.56	841	25	7.62	13	33.02	891	30	9.14	12	30.48
792	17	5.18	10	25.40	842	38	11.58	18	45.72	892	20	6.10	11	27.94
793	22	6.71	14	35.56	843	30	9.14	13	33.02	893	65	19.81	31	78.74
794	35	10.67	17	43.18	844	30	9.14	13	33.02	894	35	10.67	16	40.64
795	20	6.10	12	30.48	845	30	9.14	12	30.48	895	40	12.19	20	50.80
796	22	6.71	16	40.64	846	15	4.57	10	25.40	896	25	7.62	12	30.48
797	35	10.67	14	35.56	847	25	7.62	12	30.48	897	30	9.14	11	27.94
798	20	6.10	11	27.94	848	20	6.10	10	25.40	898	25	7.62	10	25.40
799	35	10.67	18	45.72	849	71	21.64	40	101.60	899	35	10.67	15	38.10
800	19	5.79	10	25.40	850	31	9.45	13	33.02	900	30	9.14	16	40.64

PANCHET

Shorea robusta/ (Sal)														
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
901	35	10.67	14	35.56	951	31	9.45	14	35.56	1001	30	9.14	14	35.56
902	25	7.62	10	25.40	952	38	11.58	27	68.58	1002	30	9.14	14	35.56
903	36	10.97	12	30.48	953	40	12.19	18	45.72	1003	35	10.67	23	58.42
904	35	10.67	16	40.64	954	15	4.57	10	25.40	1004	35	10.67	22	55.88
905	26	7.92	11	27.94	955	40	12.19	18	45.72	1005	15	4.57	10	25.40
906	25	7.62	13	33.02	956	25	7.62	16	40.64	1006	10	3.05	10	25.40
907	20	6.10	11	27.94	957	35	10.67	17	43.18	1007	35	10.67	12	30.48
908	40	12.19	19	48.26	958	36	10.97	10	25.40	1008	40	12.19	20	50.80
909	45	13.72	20	50.80	959	30	9.14	17	43.18	1009	25	7.62	0	0.00
910	35	10.67	14	35.56	960	26	7.92	11	27.94	1010	30	9.14	14	35.56
911	10	3.05	11	27.94	961	32	9.75	13	33.02	1011	35	10.67	20	50.80
912	40	12.19	20	50.80	962	40	12.19	18	45.72	1012	35	10.67	20	50.80
913	25	7.62	11	27.94	963	26	7.92	16	40.64	1013	35	10.67	18	45.72
914	26	7.92	12	30.48	964	52	15.85	27	68.58	1014	20	6.10	14	35.56
915	55	16.76	32	81.28	965	25	7.62	13	33.02	1015	25	7.62	16	40.64
916	28	8.53	12	30.48	966	25	7.62	11	27.94	1016	25	7.62	12	30.48
917	28	8.53	10	25.40	967	35	10.67	14	35.56	1017	72	21.95	36	91.44
918	26	7.92	12	30.48	968	25	7.62	11	27.94	1018	25	7.62	11	27.94
919	36	10.97	16	40.64	969	26	7.92	11	27.94	1019	25	7.62	12	30.48
920	60	18.29	25	63.50	970	28	8.53	18	45.72	1020	20	6.10	13	33.02
921	30	9.14	13	33.02	971	40	12.19	26	66.04	1021	25	7.62	12	30.48
922	25	7.62	10	25.40	972	25	7.62	11	27.94	1022	25	7.62	17	43.18
923	32	9.75	12	30.48	973	35	10.67	16	40.64	1023	35	10.67	16	40.64
924	25	7.62	10	25.40	974	34	10.36	15	38.10	1024	35	10.67	18	45.72
925	25	7.62	12	30.48	975	40	12.19	19	48.26	1025	35	10.67	24	60.96
926	40	12.19	19	48.26	976	45	13.72	29	73.66	1026	25	7.62	13	33.02
927	35	10.67	16	40.64	977	35	10.67	14	35.56	1027	15	4.57	10	25.40
928	28	8.53	13	33.02	978	30	9.14	16	40.64	1028	30	9.14	16	40.64
929	28	8.53	10	25.40	979	20	6.10	11	27.94	1029	25	7.62	14	35.56
930	26	7.92	14	35.56	980	40	12.19	18	45.72	1030	25	7.62	15	38.10
931	27	8.23	11	27.94	981	35	10.67	10	25.40	1031	75	22.86	32	81.28
932	28	8.53	18	45.72	982	30	9.14	12	30.48	1032	25	7.62	13	33.02
933	35	10.67	13	33.02	983	25	7.62	13	33.02	1033	25	7.62	10	25.40
934	52	15.85	32	81.28	984	20	6.10	10	25.40	1034	20	6.10	10	25.40
935	25	7.62	11	27.94	985	40	12.19	17	43.18	1035	35	10.67	14	35.56
936	25	7.62	14	35.56	986	20	6.10	11	27.94	1036	35	10.67	16	40.64
937	28	8.53	14	35.56	987	40	12.19	19	48.26	1037	55	16.76	28	71.12
938	27	8.23	13	33.02	988	15	4.57	10	25.40	1038	15	4.57	10	25.40
939	28	8.53	10	25.40	989	40	12.19	32	81.28	1039	30	9.14	15	38.10
940	32	9.75	15	38.10	990	25	7.62	16	40.64	1040	15	4.57	10	25.40
941	25	7.62	10	25.40	991	25	7.62	12	30.48	1041	35	10.67	16	40.64
942	36	10.97	18	45.72	992	40	12.19	21	53.34	1042	30	9.14	12	30.48
943	26	7.92	12	30.48	993	25	7.62	11	27.94	1043	25	7.62	11	27.94
944	40	12.19	18	45.72	994	35	10.67	12	30.48	1044	40	12.19	18	45.72
945	30	9.14	15	38.10	995	65	19.81	36	91.44	1045	25	7.62	16	40.64
946	28	8.53	16	40.64	996	35	10.67	19	48.26	1046	20	6.10	10	25.40
947	26	7.92	12	30.48	997	30	9.14	19	48.26	1047	20	6.10	10	25.40
948	36	10.97	14	35.56	998	25	7.62	11	27.94	1048	35	10.67	16	40.64
949	29	8.84	10	25.40	999	25	7.62	12	30.48	1049	25	7.62	12	30.48
950	36	10.97	14	35.56	1000	40	12.19	27	68.58	1050	25	7.62	12	30.48

PANCHET

Shorea robusta/ (Sal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1051	75	22.86	31	78.74
1052	15	4.57	11	27.94
1053	25	7.62	12	30.48
1054	35	10.67	20	50.80
1055	25	7.62	17	43.18
1056	15	4.57	11	27.94
1057	35	10.67	14	35.56
1058	30	9.14	16	40.64
1059	25	7.62	16	40.64
1060	30	9.14	11	27.94
1061	15	4.57	10	25.40
1062	15	4.57	13	33.02
1063	20	6.10	10	25.40
1064	65	19.81	32	81.28
1065	15	4.57	11	27.94
1066	45	13.72	32	81.28
1067	25	7.62	10	25.40
1068	25	7.62	11	27.94
1069	47	14.33	32	81.28
1070	35	10.67	17	43.18
1071	30	9.14	11	27.94
1072	40	12.19	19	48.26
1073	30	9.14	13	33.02
1074	25	7.62	10	25.40
1075	20	6.10	10	25.40
1076	65	19.81	32	81.28
1077	25	7.62	17	43.18
1078	15	4.57	10	25.40
1079	40	12.19	21	53.34
1080	20	6.10	11	27.94
1081	15	4.57	10	25.40
1082	20	6.10	11	27.94
1083	25	7.62	13	33.02
1084	30	9.14	16	40.64
1085	45	13.72	32	81.28
1086	25	7.62	10	25.40

Buchanania lanzan/ (Piyal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	35	10.67	24	60.96
2	45	13.72	36	91.44

Pterocarpus marsupium/ (piyasal)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	65	19.81	35	88.90
2	22	6.71	10	25.40

Madhuca latifolia/ (Mahua)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	20	6.10	10	25.40
2	15	4.57	10	25.40
3	10	3.05	10	25.40
4	20	6.10	10	25.40

HOOMGARH

Hoomgarh SP 2

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	10	25.40	41	35	10.67	12	30.48	81	35	10.67	13	33.02
2	30	9.14	12	30.48	42	30	9.14	12	30.48	82	20	6.10	10	25.40
3	35	10.67	14	35.56	43	20	6.10	10	25.40	83	25	7.62	13	33.02
4	25	7.62	12	30.48	44	20	6.10	10	25.40	84	55	16.76	31	78.74
5	30	9.14	15	38.10	45	20	6.10	12	30.48	85	30	9.14	13	33.02
6	25	7.62	11	27.94	46	25	7.62	12	30.48	86	30	9.14	12	30.48
7	30	9.14	12	30.48	47	20	6.10	12	30.48	87	20	6.10	11	27.94
8	25	7.62	10	25.40	48	40	12.19	14	35.56	88	25	7.62	11	27.94
9	30	9.14	14	35.56	49	25	7.62	10	25.40	89	30	9.14	12	30.48
10	22	6.71	10	25.40	50	25	7.62	15	38.10	90	40	12.19	23	58.42
11	38	11.58	14	35.56	51	25	7.62	12	30.48	91	35	10.67	14	35.56
12	25	7.62	10	25.40	52	30	9.14	12	30.48	92	25	7.62	11	27.94
13	25	7.62	10	25.40	53	25	7.62	12	30.48	93	30	9.14	11	27.94
14	27	8.23	11	27.94	54	20	6.10	11	27.94	94	20	6.10	10	25.40
15	45	13.72	16	40.64	55	30	9.14	14	35.56	95	30	9.14	12	30.48
16	30	9.14	15	38.10	56	30	9.14	11	27.94	96	25	7.62	10	25.40
17	25	7.62	12	30.48	57	40	12.19	25	63.50	97	50	15.24	22	55.88
18	20	6.10	11	27.94	58	30	9.14	12	30.48	98	20	6.10	10	25.40
19	30	9.14	14	35.56	59	20	6.10	12	30.48	99	25	7.62	10	25.40
20	20	6.10	11	27.94	60	30	9.14	12	30.48	100	35	10.67	11	27.94
21	45	13.72	25	63.50	61	40	12.19	14	35.56	101	25	7.62	11	27.94
22	27	8.23	12	30.48	62	25	7.62	10	25.40	102	20	6.10	10	25.40
23	25	7.62	10	25.40	63	40	12.19	10	25.40	103	25	7.62	11	27.94
24	20	6.10	12	30.48	64	20	6.10	10	25.40	104	30	9.14	12	30.48
25	27	8.23	11	27.94	65	25	7.62	10	25.40	105	30	9.14	11	27.94
26	30	9.14	13	33.02	66	25	7.62	12	30.48	106	25	7.62	12	30.48
27	45	13.72	23	58.42	67	30	9.14	12	30.48	107	20	6.10	10	25.40
28	25	7.62	12	30.48	68	20	6.10	10	25.40	108	25	7.62	13	33.02
29	40	12.19	13	33.02	69	25	7.62	11	27.94	109	30	9.14	12	30.48
30	35	10.67	15	38.10	70	60	18.29	31	78.74	110	25	7.62	14	35.56
31	25	7.62	12	30.48	71	30	9.14	12	30.48	111	28	8.53	12	30.48
32	25	7.62	11	27.94	72	20	6.10	10	25.40	112	20	6.10	10	25.40
33	25	7.62	11	27.94	73	30	9.14	13	33.02	113	30	9.14	15	38.10
34	20	6.10	10	25.40	74	20	6.10	10	25.40	114	20	6.10	11	27.94
35	22	6.71	10	25.40	75	20	6.10	10	25.40	115	25	7.62	10	25.40
36	32	9.75	13	33.02	76	20	6.10	10	25.40	116	20	6.10	10	25.40
37	25	7.62	10	25.40	77	20	6.10	12	30.48	117	55	16.76	23	58.42
38	27	8.23	12	30.48	78	20	6.10	10	25.40	118	28	8.53	11	27.94
39	50	15.24	37	93.98	79	30	9.14	12	30.48	119	25	7.62	13	33.02
40	30	9.14	14	35.56	80	25	7.62	13	33.02	120	30	9.14	15	38.10

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	30	9.14	13	33.02	161	20	6.10	11	27.94	201	30	9.14	11	27.94
122	20	6.10	10	25.40	162	50	15.24	22	55.88	202	30	9.14	15	38.10
123	45	13.72	27	68.58	163	42	12.80	16	40.64	203	30	9.14	14	35.56
124	35	10.67	11	27.94	164	30	9.14	11	27.94	204	60	18.29	33	83.82
125	25	7.62	10	25.40	165	25	7.62	11	27.94	205	35	10.67	11	27.94
126	25	7.62	11	27.94	166	20	6.10	10	25.40	206	20	6.10	10	25.40
127	20	6.10	10	25.40	167	42	12.80	16	40.64	207	25	7.62	11	27.94
128	40	12.19	10	25.40	168	25	7.62	10	25.40	208	35	10.67	13	33.02
129	25	7.62	13	33.02	169	30	9.14	12	30.48	209	25	7.62	12	30.48
130	30	9.14	12	30.48	170	25	7.62	14	35.56	210	28	8.53	12	30.48
131	25	7.62	10	25.40	171	30	9.14	12	30.48	211	25	7.62	12	30.48
132	30	9.14	12	30.48	172	25	7.62	11	27.94	212	20	6.10	10	25.40
133	20	6.10	10	25.40	173	20	6.10	10	25.40	213	25	7.62	11	27.94
134	45	13.72	16	40.64	174	35	10.67	12	30.48	214	20	6.10	10	25.40
135	30	9.14	12	30.48	175	35	10.67	14	35.56	215	30	9.14	16	40.64
136	20	6.10	10	25.40	176	25	7.62	11	27.94	216	25	7.62	12	30.48
137	45	13.72	14	35.56	177	45	13.72	30	76.20	217	30	9.14	11	27.94
138	20	6.10	10	25.40	178	20	6.10	10	25.40	218	42	12.80	14	35.56
139	30	9.14	12	30.48	179	35	10.67	10	25.40	219	25	7.62	10	25.40
140	25	7.62	10	25.40	180	30	9.14	12	30.48	220	30	9.14	14	35.56
141	35	10.67	14	35.56	181	60	18.29	25	63.50	221	25	7.62	11	27.94
142	20	6.10	10	25.40	182	37	11.28	14	35.56	222	30	9.14	13	33.02
143	25	7.62	11	27.94	183	30	9.14	12	30.48	223	28	8.53	11	27.94
144	30	9.14	12	30.48	184	20	6.10	10	25.40	224	30	9.14	12	30.48
145	50	15.24	25	63.50	185	25	7.62	11	27.94	225	29	8.84	12	30.48
146	35	10.67	11	27.94	186	25	7.62	12	30.48	226	25	7.62	10	25.40
147	25	7.62	10	25.40	187	20	6.10	13	33.02	227	25	7.62	10	25.40
148	28	8.53	12	30.48	188	50	15.24	23	58.42	228	30	9.14	14	35.56
149	25	7.62	10	25.40	189	25	7.62	12	30.48	229	32	9.75	14	35.56
150	25	7.62	11	27.94	190	20	6.10	10	25.40	230	42	12.80	16	40.64
151	20	6.10	11	27.94	191	35	10.67	13	33.02	231	30	9.14	14	35.56
152	25	7.62	14	35.56	192	25	7.62	10	25.40	232	20	6.10	10	25.40
153	55	16.76	28	71.12	193	20	6.10	10	25.40	233	25	7.62	11	27.94
154	25	7.62	11	27.94	194	45	13.72	14	35.56	234	25	7.62	12	30.48
155	25	7.62	10	25.40	195	30	9.14	12	30.48	235	20	6.10	11	27.94
156	30	9.14	12	30.48	196	20	6.10	12	30.48	236	30	9.14	12	30.48
157	25	7.62	10	25.40	197	25	7.62	10	25.40	237	30	9.14	12	30.48
158	30	9.14	14	35.56	198	25	7.62	13	33.02	238	20	6.10	10	25.40
159	20	6.10	11	27.94	199	20	6.10	10	25.40	239	20	6.10	10	25.40
160	35	10.67	15	38.10	200	55	16.76	31	78.74	240	35	10.67	14	35.56

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	20	6.10	11	27.94	281	25	7.62	10	25.40	321	25	7.62	12	30.48
242	20	6.10	10	25.40	282	25	7.62	12	30.48	322	25	7.62	10	25.40
243	45	13.72	16	40.64	283	25	7.62	11	27.94	323	25	7.62	12	30.48
244	20	6.10	10	25.40	284	25	7.62	11	27.94	324	20	6.10	10	25.40
245	30	9.14	12	30.48	285	25	7.62	11	27.94	325	25	7.62	11	27.94
246	25	7.62	11	27.94	286	35	10.67	14	35.56	326	25	7.62	12	30.48
247	25	7.62	12	30.48	287	20	6.10	10	25.40	327	27	8.23	11	27.94
248	20	6.10	10	25.40	288	35	10.67	12	30.48	328	30	9.14	13	33.02
249	20	6.10	11	27.94	289	30	9.14	13	33.02	329	25	7.62	12	30.48
250	35	10.67	12	30.48	290	25	7.62	10	25.40	330	30	9.14	14	35.56
251	30	9.14	12	30.48	291	30	9.14	10	25.40	331	25	7.62	10	25.40
252	20	6.10	12	30.48	292	42	12.80	16	40.64	332	25	7.62	12	30.48
253	40	12.19	14	35.56	293	30	9.14	12	30.48	333	25	7.62	12	30.48
254	35	10.67	14	35.56	294	25	7.62	10	25.40	334	27	8.23	12	30.48
255	70	21.34	36	91.44	295	20	6.10	10	25.40	335	25	7.62	12	30.48
256	28	8.53	12	30.48	296	28	8.53	12	30.48	336	25	7.62	12	30.48
257	20	6.10	10	25.40	297	30	9.14	11	27.94	337	37	11.28	14	35.56
258	20	6.10	10	25.40	298	25	7.62	11	27.94	338	65	19.81	27	68.58
259	28	8.53	12	30.48	299	20	6.10	10	25.40	339	35	10.67	11	27.94
260	25	7.62	11	27.94	300	25	7.62	10	25.40	340	30	9.14	12	30.48
261	30	9.14	12	30.48	301	33	10.06	15	38.10	341	20	6.10	10	25.40
262	25	7.62	10	25.40	302	42	12.80	14	35.56	342	25	7.62	12	30.48
263	25	7.62	10	25.40	303	25	7.62	11	27.94	343	60	18.29	35	88.90
264	20	6.10	10	25.40	304	30	9.14	11	27.94	344	25	7.62	11	27.94
265	30	9.14	12	30.48	305	30	9.14	14	35.56	345	30	9.14	14	35.56
266	25	7.62	11	27.94	306	30	9.14	13	33.02	346	42	12.80	14	35.56
267	25	7.62	10	25.40	307	20	6.10	12	30.48	347	35	10.67	14	35.56
268	20	6.10	10	25.40	308	30	9.14	12	30.48	348	25	7.62	11	27.94
269	25	7.62	12	30.48	309	20	6.10	10	25.40	349	25	7.62	10	25.40
270	25	7.62	12	30.48	310	25	7.62	12	30.48	350	30	9.14	14	35.56
271	20	6.10	11	27.94	311	25	7.62	11	27.94	351	45	13.72	26	66.04
272	30	9.14	14	35.56	312	28	8.53	12	30.48	352	42	12.80	16	40.64
273	45	13.72	24	60.96	313	20	6.10	10	25.40	353	25	7.62	11	27.94
274	25	7.62	10	25.40	314	25	7.62	11	27.94	354	40	12.19	14	35.56
275	30	9.14	10	25.40	315	25	7.62	11	27.94	355	20	6.10	11	27.94
276	30	9.14	12	30.48	316	25	7.62	12	30.48	356	25	7.62	10	25.40
277	25	7.62	11	27.94	317	30	9.14	12	30.48	357	20	6.10	10	25.40
278	25	7.62	11	27.94	318	25	7.62	12	30.48	358	25	7.62	10	25.40
279	35	10.67	14	35.56	319	28	8.53	11	27.94	359	25	7.62	11	27.94
280	25	7.62	10	25.40	320	25	7.62	12	30.48	360	30	9.14	13	33.02

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	30	9.14	15	38.10	401	55	16.76	35	88.90	441	25	7.62	10	25.40
362	40	12.19	13	33.02	402	25	7.62	12	30.48	442	25	7.62	12	30.48
363	40	12.19	15	38.10	403	25	7.62	11	27.94	443	25	7.62	10	25.40
364	35	10.67	14	35.56	404	25	7.62	10	25.40	444	30	9.14	13	33.02
365	20	6.10	12	30.48	405	25	7.62	12	30.48	445	25	7.62	11	27.94
366	20	6.10	10	25.40	406	30	9.14	12	30.48	446	25	7.62	10	25.40
367	30	9.14	12	30.48	407	30	9.14	12	30.48	447	20	6.10	10	25.40
368	30	9.14	12	30.48	408	25	7.62	10	25.40	448	55	16.76	28	71.12
369	25	7.62	10	25.40	409	25	7.62	12	30.48	449	75	22.86	28	71.12
370	25	7.62	10	25.40	410	20	6.10	10	25.40	450	25	7.62	11	27.94
371	20	6.10	11	27.94	411	30	9.14	14	35.56	451	30	9.14	12	30.48
372	25	7.62	10	25.40	412	30	9.14	12	30.48	452	25	7.62	12	30.48
373	20	6.10	11	27.94	413	20	6.10	11	27.94	453	40	12.19	15	38.10
374	40	12.19	16	40.64	414	25	7.62	11	27.94	454	25	7.62	10	25.40
375	40	12.19	15	38.10	415	20	6.10	10	25.40	455	20	6.10	10	25.40
376	28	8.53	12	30.48	416	25	7.62	12	30.48	456	42	12.80	15	38.10
377	20	6.10	10	25.40	417	65	19.81	31	78.74	457	30	9.14	11	27.94
378	25	7.62	15	38.10	418	30	9.14	11	27.94	458	25	7.62	12	30.48
379	28	8.53	14	35.56	419	20	6.10	10	25.40	459	30	9.14	14	35.56
380	30	9.14	14	35.56	420	25	7.62	11	27.94	460	25	7.62	10	25.40
381	25	7.62	10	25.40	421	30	9.14	12	30.48	461	25	7.62	12	30.48
382	20	6.10	13	33.02	422	40	12.19	14	35.56	462	25	7.62	12	30.48
383	25	7.62	12	30.48	423	25	7.62	12	30.48	463	25	7.62	12	30.48
384	50	15.24	22	55.88	424	30	9.14	11	27.94	464	30	9.14	14	35.56
385	30	9.14	11	27.94	425	30	9.14	12	30.48	465	50	15.24	22	55.88
386	20	6.10	10	25.40	426	30	9.14	12	30.48	466	25	7.62	11	27.94
387	25	7.62	10	25.40	427	42	12.80	16	40.64	467	20	6.10	12	30.48
388	50	15.24	21	53.34	428	20	6.10	10	25.40	468	25	7.62	12	30.48
389	20	6.10	11	27.94	429	30	9.14	15	38.10	469	20	6.10	10	25.40
390	25	7.62	10	25.40	430	30	9.14	11	27.94	470	20	6.10	10	25.40
391	35	10.67	14	35.56	431	25	7.62	10	25.40	471	25	7.62	12	30.48
392	25	7.62	12	30.48	432	25	7.62	10	25.40	472	55	16.76	28	71.12
393	30	9.14	12	30.48	433	25	7.62	10	25.40	473	30	9.14	14	35.56
394	30	9.14	10	25.40	434	20	6.10	10	25.40	474	35	10.67	12	30.48
395	35	10.67	11	27.94	435	25	7.62	12	30.48	475	25	7.62	12	30.48
396	25	7.62	12	30.48	436	30	9.14	12	30.48	476	25	7.62	10	25.40
397	25	7.62	10	25.40	437	25	7.62	11	27.94	477	20	6.10	10	25.40
398	20	6.10	10	25.40	438	28	8.53	12	30.48	478	20	6.10	13	33.02
399	55	16.76	31	78.74	439	28	8.53	13	33.02	479	20	6.10	10	25.40
400	20	6.10	12	30.48	440	25	7.62	12	30.48	480	30	9.14	12	30.48

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	60	18.29	30	76.20	521	45	13.72	16	40.64	561	30	9.14	12	30.48
482	25	7.62	11	27.94	522	35	10.67	13	33.02	562	25	7.62	11	27.94
483	25	7.62	12	30.48	523	40	12.19	14	35.56	563	25	7.62	12	30.48
484	30	9.14	12	30.48	524	70	21.34	32	81.28	564	25	7.62	11	27.94
485	55	16.76	14	35.56	525	30	9.14	12	30.48	565	30	9.14	14	35.56
486	30	9.14	11	27.94	526	28	8.53	14	35.56	566	25	7.62	11	27.94
487	45	13.72	21	53.34	527	20	6.10	12	30.48	567	40	12.19	16	40.64
488	25	7.62	10	25.40	528	25	7.62	10	25.40	568	40	12.19	16	40.64
489	25	7.62	10	25.40	529	25	7.62	10	25.40	569	30	9.14	14	35.56
490	30	9.14	15	38.10	530	40	12.19	16	40.64	570	25	7.62	12	30.48
491	30	9.14	15	38.10	531	35	10.67	15	38.10	571	25	7.62	11	27.94
492	60	18.29	29	73.66	532	30	9.14	12	30.48	572	30	9.14	13	33.02
493	25	7.62	12	30.48	533	25	7.62	12	30.48	573	25	7.62	12	30.48
494	25	7.62	10	25.40	534	42	12.80	18	45.72	574	30	9.14	13	33.02
495	35	10.67	14	35.56	535	55	16.76	32	81.28	575	20	6.10	12	30.48
496	25	7.62	10	25.40	536	30	9.14	15	38.10	576	30	9.14	13	33.02
497	25	7.62	12	30.48	537	20	6.10	10	25.40	577	30	9.14	12	30.48
498	25	7.62	10	25.40	538	25	7.62	12	30.48	578	28	8.53	11	27.94
499	35	10.67	13	33.02	539	35	10.67	13	33.02	579	35	10.67	13	33.02
500	30	9.14	12	30.48	540	20	6.10	12	30.48	580	25	7.62	11	27.94
501	35	10.67	15	38.10	541	25	7.62	10	25.40	581	25	7.62	11	27.94
502	28	8.53	12	30.48	542	30	9.14	12	30.48	582	30	9.14	11	27.94
503	25	7.62	10	25.40	543	30	9.14	11	27.94	583	32	9.75	12	30.48
504	37	11.28	14	35.56	544	28	8.53	13	33.02	584	30	9.14	14	35.56
505	35	10.67	15	38.10	545	30	9.14	14	35.56	585	40	12.19	23	58.42
506	55	16.76	26	66.04	546	25	7.62	11	27.94	586	30	9.14	12	30.48
507	25	7.62	10	25.40	547	35	10.67	14	35.56	587	20	6.10	10	25.40
508	20	6.10	11	27.94	548	30	9.14	13	33.02	588	35	10.67	13	33.02
509	25	7.62	14	35.56	549	42	12.80	17	43.18	589	30	9.14	13	33.02
510	20	6.10	11	27.94	550	50	15.24	24	60.96	590	35	10.67	12	30.48
511	60	18.29	30	76.20	551	36	10.97	20	50.80	591	25	7.62	12	30.48
512	65	19.81	33	83.82	552	25	7.62	12	30.48	592	45	13.72	18	45.72
513	40	12.19	14	35.56	553	20	6.10	12	30.48	593	35	10.67	16	40.64
514	25	7.62	12	30.48	554	35	10.67	12	30.48	594	40	12.19	14	35.56
515	25	7.62	10	25.40	555	30	9.14	11	27.94	595	25	7.62	10	25.40
516	25	7.62	11	27.94	556	50	15.24	28	71.12	596	30	9.14	12	30.48
517	20	6.10	10	25.40	557	40	12.19	20	50.80	597	45	13.72	20	50.80
518	28	8.53	10	25.40	558	30	9.14	11	27.94	598	27	8.23	11	27.94
519	25	7.62	10	25.40	559	42	12.80	17	43.18	599	30	9.14	15	38.10
520	30	9.14	12	30.48	560	30	9.14	13	33.02	600	30	9.14	12	30.48

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	25	7.62	12	30.48	641	30	9.14	11	27.94	681	42	12.80	26	66.04
602	50	15.24	27	68.58	642	25	7.62	11	27.94	682	75	22.86	41	104.14
603	25	7.62	11	27.94	643	30	9.14	14	35.56	683	45	13.72	18	45.72
604	20	6.10	11	27.94	644	20	6.10	18	45.72	684	35	10.67	15	38.10
605	25	7.62	11	27.94	645	35	10.67	16	40.64	685	25	7.62	13	33.02
606	25	7.62	12	30.48	646	30	9.14	14	35.56	686	20	6.10	11	27.94
607	25	7.62	10	25.40	647	42	12.80	14	35.56	687	55	16.76	29	73.66
608	25	7.62	13	33.02	648	35	10.67	14	35.56	688	20	6.10	14	35.56
609	50	15.24	30	76.20	649	30	9.14	13	33.02	689	35	10.67	11	27.94
610	25	7.62	12	30.48	650	30	9.14	12	30.48	690	42	12.80	18	45.72
611	25	7.62	12	30.48	651	50	15.24	24	60.96	691	40	12.19	14	35.56
612	25	7.62	10	25.40	652	55	16.76	25	63.50	692	35	10.67	14	35.56
613	25	7.62	12	30.48	653	35	10.67	11	27.94	693	35	10.67	14	35.56
614	45	13.72	15	38.10	654	30	9.14	10	25.40	694	25	7.62	11	27.94
615	42	12.80	14	35.56	655	25	7.62	14	35.56	695	25	7.62	12	30.48
616	20	6.10	10	25.40	656	35	10.67	12	30.48	696	20	6.10	13	33.02
617	20	6.10	13	33.02	657	30	9.14	12	30.48	697	35	10.67	12	30.48
618	30	9.14	12	30.48	658	30	9.14	11	27.94	698	35	10.67	13	33.02
619	25	7.62	10	25.40	659	25	7.62	10	25.40	699	42	12.80	16	40.64
620	50	15.24	28	71.12	660	30	9.14	12	30.48	700	20	6.10	10	25.40
621	25	7.62	10	25.40	661	50	15.24	24	60.96	701	25	7.62	12	30.48
622	65	19.81	28	71.12	662	30	9.14	14	35.56	702	40	12.19	14	35.56
623	65	19.81	35	88.90	663	25	7.62	13	33.02	703	30	9.14	12	30.48
624	25	7.62	10	25.40	664	20	6.10	10	25.40	704	25	7.62	12	30.48
625	20	6.10	12	30.48	665	25	7.62	12	30.48	705	40	12.19	12	30.48
626	20	6.10	10	25.40	666	40	12.19	12	30.48	706	25	7.62	13	33.02
627	25	7.62	11	27.94	667	35	10.67	12	30.48	707	30	9.14	13	33.02
628	30	9.14	12	30.48	668	45	13.72	19	48.26	708	25	7.62	12	30.48
629	40	12.19	16	40.64	669	50	15.24	23	58.42	709	42	12.80	16	40.64
630	20	6.10	11	27.94	670	25	7.62	10	25.40	710	42	12.80	16	40.64
631	30	9.14	13	33.02	671	30	9.14	18	45.72	711	25	7.62	11	27.94
632	35	10.67	12	30.48	672	25	7.62	10	25.40	712	25	7.62	12	30.48
633	30	9.14	12	30.48	673	20	6.10	11	27.94	713	42	12.80	14	35.56
634	30	9.14	11	27.94	674	25	7.62	10	25.40	714	35	10.67	12	30.48
635	60	18.29	35	88.90	675	50	15.24	30	76.20	715	25	7.62	10	25.40
636	20	6.10	10	25.40	676	25	7.62	11	27.94	716	25	7.62	10	25.40
637	25	7.62	11	27.94	677	20	6.10	10	25.40	717	30	9.14	14	35.56
638	65	19.81	25	63.50	678	25	7.62	11	27.94	718	40	12.19	27	68.58
639	35	10.67	12	30.48	679	10	3.05	11	27.94	719	20	6.10	13	33.02
640	35	10.67	12	30.48	680	40	12.19	14	35.56	720	25	7.62	10	25.40
										721	25	7.62	11	27.94
										722	25	7.62	12	30.48
										723	25	7.62	12	30.48

Ficus bengalensis/ (Bot)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	168	426.72

HOOMGARH

Diospyros excelsa/ (Kendu)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	22	55.88
2	60	18.29	39	99.06
3	65	19.81	42	106.68
4	50	15.24	46	116.84
5	50	15.24	44	111.76
6	50	15.24	41	104.14
7	55	16.76	39	99.06

HOOMGARH

Hoomgarh SP 3

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	14	35.56	41	25	7.62	11	27.94	81	25	7.62	12	30.48
2	30	9.14	12	30.48	42	25	7.62	13	33.02	82	20	6.10	10	25.40
3	25	7.62	10	25.40	43	40	12.19	14	35.56	83	25	7.62	10	25.40
4	55	16.76	27	68.58	44	20	6.10	11	27.94	84	50	15.24	22	55.88
5	25	7.62	11	27.94	45	35	10.67	10	25.40	85	30	9.14	15	38.10
6	30	9.14	12	30.48	46	40	12.19	15	38.10	86	35	10.67	11	27.94
7	30	9.14	13	33.02	47	35	10.67	11	27.94	87	25	7.62	12	30.48
8	30	9.14	15	38.10	48	25	7.62	11	27.94	88	25	7.62	10	25.40
9	27	8.23	11	27.94	49	30	9.14	11	27.94	89	40	12.19	12	30.48
10	20	6.10	11	27.94	50	20	6.10	12	30.48	90	55	16.76	28	71.12
11	30	9.14	12	30.48	51	25	7.62	11	27.94	91	25	7.62	12	30.48
12	25	7.62	10	25.40	52	25	7.62	10	25.40	92	40	12.19	12	30.48
13	20	6.10	11	27.94	53	20	6.10	11	27.94	93	20	6.10	11	27.94
14	32	9.75	14	35.56	54	30	9.14	11	27.94	94	25	7.62	10	25.40
15	20	6.10	10	25.40	55	35	10.67	12	30.48	95	20	6.10	11	27.94
16	25	7.62	11	27.94	56	68	20.73	30	76.20	96	25	7.62	12	30.48
17	28	8.53	11	27.94	57	20	6.10	12	30.48	97	20	6.10	10	25.40
18	55	16.76	29	73.66	58	25	7.62	11	27.94	98	25	7.62	12	30.48
19	30	9.14	14	35.56	59	35	10.67	14	35.56	99	25	7.62	13	33.02
20	30	9.14	11	27.94	60	25	7.62	11	27.94	100	25	7.62	10	25.40
21	35	10.67	12	30.48	61	20	6.10	10	25.40	101	35	10.67	11	27.94
22	20	6.10	10	25.40	62	42	12.80	19	48.26	102	35	10.67	16	40.64
23	25	7.62	10	25.40	63	25	7.62	10	25.40	103	25	7.62	11	27.94
24	35	10.67	23	58.42	64	30	9.14	14	35.56	104	30	9.14	14	35.56
25	25	7.62	10	25.40	65	30	9.14	11	27.94	105	25	7.62	10	25.40
26	25	7.62	12	30.48	66	35	10.67	22	55.88	106	20	6.10	10	25.40
27	20	6.10	10	25.40	67	35	10.67	14	35.56	107	40	12.19	13	33.02
28	30	9.14	12	30.48	68	25	7.62	10	25.40	108	30	9.14	12	30.48
29	28	8.53	13	33.02	69	25	7.62	10	25.40	109	42	12.80	14	35.56
30	35	10.67	12	30.48	70	55	16.76	25	63.50	110	50	15.24	26	66.04
31	60	18.29	29	73.66	71	20	6.10	10	25.40	111	35	10.67	12	30.48
32	30	9.14	12	30.48	72	30	9.14	13	33.02	112	20	6.10	11	27.94
33	35	10.67	11	27.94	73	25	7.62	10	25.40	113	42	12.80	17	43.18
34	25	7.62	10	25.40	74	35	10.67	11	27.94	114	50	15.24	25	63.50
35	20	6.10	10	25.40	75	65	19.81	30	76.20	115	20	6.10	11	27.94
36	27	8.23	21	53.34	76	25	7.62	10	25.40	116	20	6.10	11	27.94
37	30	9.14	12	30.48	77	60	18.29	26	66.04	117	40	12.19	12	30.48
38	60	18.29	29	73.66	78	20	6.10	11	27.94	118	25	7.62	10	25.40
39	60	18.29	30	76.20	79	55	16.76	30	76.20	119	25	7.62	11	27.94
40	20	6.10	10	25.40	80	40	12.19	19	48.26	120	25	7.62	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	40	12.19	14	35.56	161	25	7.62	10	25.40	201	25	7.62	12	30.48
122	60	18.29	30	76.20	162	25	7.62	11	27.94	202	25	7.62	12	30.48
123	65	19.81	35	88.90	163	30	9.14	12	30.48	203	25	7.62	12	30.48
124	30	9.14	11	27.94	164	20	6.10	10	25.40	204	25	7.62	12	30.48
125	25	7.62	10	25.40	165	20	6.10	10	25.40	205	20	6.10	11	27.94
126	25	7.62	12	30.48	166	25	7.62	10	25.40	206	25	7.62	11	27.94
127	25	7.62	12	30.48	167	25	7.62	11	27.94	207	25	7.62	11	27.94
128	25	7.62	13	33.02	168	55	16.76	31	78.74	208	30	9.14	11	27.94
129	22	6.71	10	25.40	169	30	9.14	12	30.48	209	25	7.62	10	25.40
130	40	12.19	14	35.56	170	25	7.62	11	27.94	210	50	15.24	31	78.74
131	25	7.62	10	25.40	171	25	7.62	13	33.02	211	25	7.62	10	25.40
132	25	7.62	11	27.94	172	25	7.62	13	33.02	212	27	8.23	12	30.48
133	25	7.62	10	25.40	173	25	7.62	10	25.40	213	30	9.14	15	38.10
134	25	7.62	10	25.40	174	60	18.29	40	101.60	214	25	7.62	11	27.94
135	20	6.10	16	40.64	175	25	7.62	10	25.40	215	25	7.62	14	35.56
136	20	6.10	10	25.40	176	42	12.80	16	40.64	216	40	12.19	14	35.56
137	20	6.10	10	25.40	177	25	7.62	11	27.94	217	25	7.62	12	30.48
138	60	18.29	30	76.20	178	20	6.10	10	25.40	218	25	7.62	10	25.40
139	35	10.67	11	27.94	179	25	7.62	11	27.94	219	30	9.14	12	30.48
140	55	16.76	24	60.96	180	55	16.76	32	81.28	220	42	12.80	14	35.56
141	35	10.67	11	27.94	181	25	7.62	11	27.94	221	30	9.14	13	33.02
142	30	9.14	11	27.94	182	25	7.62	10	25.40	222	30	9.14	14	35.56
143	55	16.76	32	81.28	183	40	12.19	14	35.56	223	20	6.10	11	27.94
144	35	10.67	13	33.02	184	25	7.62	10	25.40	224	25	7.62	10	25.40
145	25	7.62	10	25.40	185	60	18.29	37	93.98	225	25	7.62	10	25.40
146	40	12.19	14	35.56	186	30	9.14	13	33.02	226	30	9.14	12	30.48
147	30	9.14	11	27.94	187	30	9.14	12	30.48	227	20	6.10	12	30.48
148	25	7.62	10	25.40	188	28	8.53	11	27.94	228	30	9.14	11	27.94
149	25	7.62	11	27.94	189	30	9.14	14	35.56	229	30	9.14	12	30.48
150	25	7.62	11	27.94	190	20	6.10	11	27.94	230	35	10.67	16	40.64
151	35	10.67	12	30.48	191	25	7.62	12	30.48	231	25	7.62	12	30.48
152	20	6.10	10	25.40	192	25	7.62	10	25.40	232	30	9.14	14	35.56
153	30	9.14	13	33.02	193	25	7.62	11	27.94	233	25	7.62	12	30.48
154	30	9.14	11	27.94	194	20	6.10	10	25.40	234	40	12.19	13	33.02
155	40	12.19	14	35.56	195	20	6.10	12	30.48	235	30	9.14	13	33.02
156	30	9.14	10	25.40	196	25	7.62	12	30.48	236	25	7.62	10	25.40
157	35	10.67	12	30.48	197	25	7.62	12	30.48	237	25	7.62	10	25.40
158	25	7.62	10	25.40	198	35	10.67	12	30.48	238	25	7.62	13	33.02
159	20	6.10	10	25.40	199	50	15.24	25	63.50	239	30	9.14	14	35.56
160	35	10.67	11	27.94	200	25	7.62	12	30.48	240	25	7.62	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	25	7.62	11	27.94	281	20	6.10	12	30.48	321	25	7.62	10	25.40
242	30	9.14	12	30.48	282	20	6.10	11	27.94	322	25	7.62	10	25.40
243	25	7.62	11	27.94	283	20	6.10	11	27.94	323	30	9.14	12	30.48
244	35	10.67	12	30.48	284	35	10.67	14	35.56	324	20	6.10	11	27.94
245	30	9.14	15	38.10	285	50	15.24	28	71.12	325	70	21.34	42	106.68
246	25	7.62	11	27.94	286	25	7.62	10	25.40	326	25	7.62	12	30.48
247	30	9.14	12	30.48	287	25	7.62	13	33.02	327	20	6.10	12	30.48
248	25	7.62	11	27.94	288	55	16.76	32	81.28	328	25	7.62	12	30.48
249	30	9.14	11	27.94	289	20	6.10	10	25.40	329	25	7.62	13	33.02
250	25	7.62	13	33.02	290	20	6.10	11	27.94	330	20	6.10	10	25.40
251	42	12.80	16	40.64	291	25	7.62	10	25.40	331	25	7.62	11	27.94
252	30	9.14	12	30.48	292	25	7.62	11	27.94	332	40	12.19	16	40.64
253	30	9.14	12	30.48	293	25	7.62	13	33.02	333	20	6.10	11	27.94
254	25	7.62	12	30.48	294	65	19.81	38	96.52	334	20	6.10	12	30.48
255	25	7.62	10	25.40	295	30	9.14	11	27.94	335	40	12.19	14	35.56
256	20	6.10	11	27.94	296	20	6.10	12	30.48	336	25	7.62	10	25.40
257	20	6.10	11	27.94	297	25	7.62	14	35.56	337	25	7.62	10	25.40
258	20	6.10	12	30.48	298	25	7.62	12	30.48	338	20	6.10	11	27.94
259	55	16.76	30	76.20	299	25	7.62	10	25.40	339	20	6.10	14	35.56
260	30	9.14	13	33.02	300	50	15.24	30	76.20	340	25	7.62	12	30.48
261	55	16.76	27	68.58	301	25	7.62	11	27.94	341	32	9.75	13	33.02
262	20	6.10	11	27.94	302	25	7.62	12	30.48	342	20	6.10	11	27.94
263	35	10.67	11	27.94	303	25	7.62	13	33.02	343	20	6.10	10	25.40
264	25	7.62	10	25.40	304	25	7.62	11	27.94	344	25	7.62	11	27.94
265	20	6.10	10	25.40	305	27	8.23	12	30.48	345	28	8.53	12	30.48
266	20	6.10	13	33.02	306	20	6.10	10	25.40	346	25	7.62	10	25.40
267	25	7.62	14	35.56	307	20	6.10	10	25.40	347	20	6.10	10	25.40
268	20	6.10	10	25.40	308	20	6.10	11	27.94	348	30	9.14	13	33.02
269	30	9.14	12	30.48	309	45	13.72	16	40.64	349	20	6.10	12	30.48
270	25	7.62	10	25.40	310	20	6.10	10	25.40	350	20	6.10	10	25.40
271	50	15.24	30	76.20	311	25	7.62	10	25.40	351	30	9.14	14	35.56
272	35	10.67	12	30.48	312	25	7.62	12	30.48	352	25	7.62	11	27.94
273	25	7.62	12	30.48	313	30	9.14	11	27.94	353	55	16.76	32	81.28
274	25	7.62	13	33.02	314	25	7.62	11	27.94	354	25	7.62	10	25.40
275	30	9.14	11	27.94	315	50	15.24	24	60.96	355	20	6.10	10	25.40
276	35	10.67	12	30.48	316	25	7.62	14	35.56	356	30	9.14	14	35.56
277	40	12.19	14	35.56	317	20	6.10	10	25.40	357	30	9.14	13	33.02
278	35	10.67	12	30.48	318	25	7.62	11	27.94	358	20	6.10	10	25.40
279	42	12.80	16	40.64	319	50	15.24	30	76.20	359	20	6.10	13	33.02
280	30	9.14	12	30.48	320	42	12.80	16	40.64	360	25	7.62	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	20	6.10	10	25.40	401	60	18.29	33	83.82	441	30	9.14	12	30.48
362	27	8.23	12	30.48	402	30	9.14	12	30.48	442	27	8.23	12	30.48
363	20	6.10	11	27.94	403	25	7.62	11	27.94	443	30	9.14	11	27.94
364	27	8.23	12	30.48	404	42	12.80	14	35.56	444	20	6.10	10	25.40
365	25	7.62	12	30.48	405	25	7.62	12	30.48	445	20	6.10	10	25.40
366	25	7.62	12	30.48	406	40	12.19	16	40.64	446	20	6.10	12	30.48
367	22	6.71	10	25.40	407	25	7.62	10	25.40	447	25	7.62	10	25.40
368	25	7.62	11	27.94	408	20	6.10	12	30.48	448	30	9.14	12	30.48
369	27	8.23	11	27.94	409	42	12.80	16	40.64	449	20	6.10	12	30.48
370	28	8.53	12	30.48	410	25	7.62	11	27.94	450	25	7.62	13	33.02
371	30	9.14	14	35.56	411	25	7.62	10	25.40	451	25	7.62	10	25.40
372	30	9.14	12	30.48	412	55	16.76	30	76.20	452	42	12.80	15	38.10
373	35	10.67	12	30.48	413	30	9.14	14	35.56	453	25	7.62	13	33.02
374	30	9.14	12	30.48	414	25	7.62	12	30.48	454	30	9.14	12	30.48
375	20	6.10	12	30.48	415	25	7.62	10	25.40	455	20	6.10	14	35.56
376	20	6.10	10	25.40	416	25	7.62	12	30.48	456	45	13.72	16	40.64
377	25	7.62	11	27.94	417	20	6.10	11	27.94	457	45	13.72	16	40.64
378	30	9.14	14	35.56	418	30	9.14	14	35.56	458	30	9.14	11	27.94
379	30	9.14	14	35.56	419	42	12.80	16	40.64	459	30	9.14	12	30.48
380	20	6.10	10	25.40	420	30	9.14	12	30.48	460	25	7.62	10	25.40
381	30	9.14	12	30.48	421	30	9.14	14	35.56	461	20	6.10	10	25.40
382	20	6.10	10	25.40	422	20	6.10	13	33.02	462	40	12.19	14	35.56
383	30	9.14	14	35.56	423	42	12.80	14	35.56	463	20	6.10	10	25.40
384	25	7.62	10	25.40	424	20	6.10	10	25.40	464	25	7.62	12	30.48
385	25	7.62	10	25.40	425	25	7.62	11	27.94	465	25	7.62	10	25.40
386	25	7.62	10	25.40	426	27	8.23	12	30.48	466	35	10.67	14	35.56
387	20	6.10	11	27.94	427	50	15.24	26	66.04	467	30	9.14	12	30.48
388	35	10.67	14	35.56	428	25	7.62	11	27.94	468	20	6.10	10	25.40
389	30	9.14	14	35.56	429	30	9.14	14	35.56	469	35	10.67	13	33.02
390	25	7.62	12	30.48	430	55	16.76	28	71.12	470	35	10.67	14	35.56
391	25	7.62	12	30.48	431	20	6.10	13	33.02	471	25	7.62	11	27.94
392	30	9.14	12	30.48	432	30	9.14	12	30.48	472	30	9.14	12	30.48
393	30	9.14	14	35.56	433	25	7.62	11	27.94	473	25	7.62	13	33.02
394	40	12.19	14	35.56	434	30	9.14	14	35.56	474	25	7.62	11	27.94
395	25	7.62	11	27.94	435	30	9.14	12	30.48	475	35	10.67	13	33.02
396	28	8.53	12	30.48	436	25	7.62	12	30.48	476	20	6.10	10	25.40
397	20	6.10	10	25.40	437	28	8.53	13	33.02	477	30	9.14	12	30.48
398	35	10.67	13	33.02	438	50	15.24	28	71.12	478	20	6.10	10	25.40
399	25	7.62	12	30.48	439	50	15.24	30	76.20	479	20	6.10	11	27.94
400	20	6.10	12	30.48	440	28	8.53	13	33.02	480	25	7.62	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	20	6.10	10	25.40	521	20	6.10	10	25.40	561	25	7.62	10	25.40
482	40	12.19	14	35.56	522	35	10.67	14	35.56	562	55	16.76	24	60.96
483	25	7.62	11	27.94	523	25	7.62	12	30.48	563	25	7.62	12	30.48
484	55	16.76	32	81.28	524	50	15.24	60	152.40	564	30	9.14	13	33.02
485	25	7.62	10	25.40	525	25	7.62	12	30.48	565	35	10.67	13	33.02
486	25	7.62	13	33.02	526	20	6.10	13	33.02	566	50	15.24	27	68.58
487	25	7.62	12	30.48	527	25	7.62	12	30.48	567	20	6.10	11	27.94
488	25	7.62	12	30.48	528	25	7.62	11	27.94	568	30	9.14	12	30.48
489	42	12.80	14	35.56	529	20	6.10	11	27.94	569	25	7.62	12	30.48
490	25	7.62	13	33.02	530	50	15.24	32	81.28	570	20	6.10	11	27.94
491	20	6.10	10	25.40	531	25	7.62	10	25.40	571	30	9.14	13	33.02
492	30	9.14	12	30.48	532	25	7.62	11	27.94	572	55	16.76	30	76.20
493	20	6.10	10	25.40	533	25	7.62	12	30.48	573	30	9.14	11	27.94
494	20	6.10	11	27.94	534	28	8.53	14	35.56	574	20	6.10	10	25.40
495	50	15.24	30	76.20	535	20	6.10	16	40.64	575	25	7.62	13	33.02
496	20	6.10	10	25.40	536	30	9.14	12	30.48	576	30	9.14	14	35.56
497	40	12.19	14	35.56	537	30	9.14	13	33.02	577	35	10.67	14	35.56
498	20	6.10	10	25.40	538	20	6.10	12	30.48	578	30	9.14	14	35.56
499	65	19.81	37	93.98	539	25	7.62	12	30.48	579	25	7.62	13	33.02
500	25	7.62	13	33.02	540	25	7.62	10	25.40	580	35	10.67	14	35.56
501	20	6.10	10	25.40	541	20	6.10	12	30.48	581	42	12.80	16	40.64
502	30	9.14	12	30.48	542	50	15.24	25	63.50	582	20	6.10	10	25.40
503	20	6.10	11	27.94	543	65	19.81	32	81.28	583	25	7.62	12	30.48
504	25	7.62	11	27.94	544	30	9.14	12	30.48	584	32	9.75	13	33.02
505	55	16.76	26	66.04	545	25	7.62	14	35.56	585	25	7.62	10	25.40
506	30	9.14	12	30.48	546	25	7.62	12	30.48	586	50	15.24	28	71.12
507	60	18.29	30	76.20	547	20	6.10	12	30.48	587	20	6.10	10	25.40
508	55	16.76	28	71.12	548	25	7.62	11	27.94	588	55	16.76	23	58.42
509	25	7.62	12	30.48	549	20	6.10	11	27.94	589	35	10.67	11	27.94
510	30	9.14	12	30.48	550	25	7.62	10	25.40	590	42	12.80	16	40.64
511	25	7.62	11	27.94	551	25	7.62	10	25.40	591	35	10.67	12	30.48
512	25	7.62	12	30.48	552	25	7.62	11	27.94	592	28	8.53	12	30.48
513	25	7.62	10	25.40	553	25	7.62	10	25.40	593	40	12.19	14	35.56
514	25	7.62	13	33.02	554	20	6.10	10	25.40	594	20	6.10	10	25.40
515	40	12.19	14	35.56	555	30	9.14	12	30.48	595	25	7.62	10	25.40
516	20	6.10	10	25.40	556	20	6.10	11	27.94	596	30	9.14	14	35.56
517	30	9.14	12	30.48	557	25	7.62	11	27.94	597	25	7.62	10	25.40
518	42	12.80	15	38.10	558	20	6.10	13	33.02	598	30	9.14	14	35.56
519	20	6.10	11	27.94	559	40	12.19	22	55.88	599	60	18.29	41	104.14
520	30	9.14	12	30.48	560	30	9.14	12	30.48	600	42	12.80	15	38.10

HOOMGARH

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	35	10.67	26	66.04	641	42	12.80	10	25.40
602	20	6.10	11	27.94	642	20	6.10	10	25.40
603	60	18.29	25	63.50	643	35	10.67	12	30.48
604	40	12.19	12	30.48	644	25	7.62	10	25.40
605	42	12.80	14	35.56	645	25	7.62	12	30.48
606	25	7.62	12	30.48	646	35	10.67	14	35.56
607	55	16.76	38	96.52	647	45	13.72	16	40.64
608	30	9.14	14	35.56	648	20	6.10	10	25.40
609	30	9.14	11	27.94	649	25	7.62	10	25.40
610	25	7.62	11	27.94	650	25	7.62	10	25.40
611	20	6.10	11	27.94	651	40	12.19	16	40.64
612	27	8.23	12	30.48	652	25	7.62	13	33.02
613	20	6.10	10	25.40	653	25	7.62	12	30.48
614	60	18.29	31	78.74	654	30	9.14	14	35.56
615	20	6.10	10	25.40	655	25	7.62	12	30.48
616	20	6.10	11	27.94	656	25	7.62	10	25.40
617	25	7.62	11	27.94	657	40	12.19	13	33.02
618	25	7.62	12	30.48					
619	25	7.62	11	27.94					
620	30	9.14	12	30.48					
621	30	9.14	11	27.94					
622	30	9.14	14	35.56					
623	25	7.62	12	30.48					
624	55	16.76	31	78.74					
625	20	6.10	10	25.40					
626	25	7.62	12	30.48					
627	25	7.62	12	30.48					
628	42	12.80	14	35.56					
629	25	7.62	10	25.40					
630	50	15.24	25	63.50					
631	40	12.19	14	35.56					
632	30	9.14	12	30.48					
633	20	6.10	10	25.40					
634	25	7.62	10	25.40					
635	20	6.10	10	25.40					
636	25	7.62	10	25.40					
637	20	6.10	10	25.40					
638	25	7.62	11	27.94					
639	25	7.62	10	25.40					
640	25	7.62	10	25.40					

***Diospyros excelsa* / (Kendu)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	41	104.14
2	50	15.24	60	152.40
3	40	12.19	45	114.30
4	35	10.67	40	101.60

***Lannea coromandelica* / (Doka)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	31	78.74
2	40	12.19	15	38.10

***Terminalia bellirica*/ (Bohera)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	48	121.92

HOOMGARH

Hoomgarh SP 6

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	19	48.26	41	25	7.62	10	25.40	81	25	7.62	10	25.40
2	20	6.10	11	27.94	42	24	7.32	10	25.40	82	25	7.62	11	27.94
3	19	5.79	12	30.48	43	25	7.62	10	25.40	83	20	6.10	11	27.94
4	48	14.63	22	55.88	44	35	10.67	13	33.02	84	30	9.14	11	27.94
5	20	6.10	10	25.40	45	35	10.67	15	38.10	85	19	5.79	11	27.94
6	20	6.10	10	25.40	46	25	7.62	10	25.40	86	30	9.14	14	35.56
7	30	9.14	14	35.56	47	35	10.67	16	40.64	87	20	6.10	10	25.40
8	32	9.75	13	33.02	48	40	12.19	14	35.56	88	25	7.62	10	25.40
9	20	6.10	12	30.48	49	35	10.67	22	55.88	89	40	12.19	15	38.10
10	25	7.62	12	30.48	50	30	9.14	12	30.48	90	40	12.19	15	38.10
11	30	9.14	10	25.40	51	35	10.67	12	30.48	91	20	6.10	10	25.40
12	30	9.14	20	50.80	52	30	9.14	11	27.94	92	55	16.76	28	71.12
13	19	5.79	12	30.48	53	30	9.14	10	25.40	93	35	10.67	16	40.64
14	25	7.62	10	25.40	54	32	9.75	12	30.48	94	35	10.67	16	40.64
15	26	7.92	10	25.40	55	25	7.62	15	38.10	95	25	7.62	10	25.40
16	20	6.10	10	25.40	56	25	7.62	10	25.40	96	30	9.14	11	27.94
17	19	5.79	12	30.48	57	35	10.67	11	27.94	97	25	7.62	10	25.40
18	35	10.67	15	38.10	58	20	6.10	10	25.40	98	30	9.14	15	38.10
19	25	7.62	13	33.02	59	20	6.10	13	33.02	99	20	6.10	10	25.40
20	30	9.14	13	33.02	60	30	9.14	13	33.02	100	20	6.10	10	25.40
21	35	10.67	15	38.10	61	30	9.14	20	50.80	101	20	6.10	10	25.40
22	35	10.67	13	33.02	62	35	10.67	12	30.48	102	23	7.01	55	139.70
23	45	13.72	24	60.96	63	35	10.67	22	55.88	103	25	7.62	10	25.40
24	30	9.14	14	35.56	64	30	9.14	10	25.40	104	35	10.67	13	33.02
25	25	7.62	12	30.48	65	21	6.40	10	25.40	105	30	9.14	12	30.48
26	35	10.67	14	35.56	66	30	9.14	11	27.94	106	40	12.19	21	53.34
27	20	6.10	10	25.40	67	30	9.14	10	25.40	107	21	6.40	10	25.40
28	25	7.62	11	27.94	68	21	6.40	12	30.48	108	30	9.14	12	30.48
29	30	9.14	11	27.94	69	30	9.14	13	33.02	109	25	7.62	11	27.94
30	25	7.62	13	33.02	70	25	7.62	11	27.94	110	25	7.62	10	25.40
31	20	6.10	10	25.40	71	42	12.80	16	40.64	111	25	7.62	10	25.40
32	25	7.62	11	27.94	72	20	6.10	13	33.02	112	25	7.62	13	33.02
33	30	9.14	14	35.56	73	55	16.76	30	76.20	113	26	7.92	13	33.02
34	20	6.10	11	27.94	74	25	7.62	10	25.40	114	25	7.62	12	30.48
35	25	7.62	11	27.94	75	25	7.62	13	33.02	115	25	7.62	12	30.48
36	30	9.14	15	38.10	76	20	6.10	13	33.02	116	42	12.80	17	43.18
37	38	11.58	18	45.72	77	30	9.14	11	27.94	117	30	9.14	11	27.94
38	31	9.45	16	40.64	78	30	9.14	12	30.48	118	50	15.24	24	60.96
39	20	6.10	10	25.40	79	30	9.14	20	50.80	119	35	10.67	12	30.48
40	40	12.19	25	63.50	80	30	9.14	11	27.94	120	25	7.62	14	35.56

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	30	9.14	12	30.48	161	35	10.67	10	25.40	201	40	12.19	12	30.48
122	30	9.14	11	27.94	162	30	9.14	12	30.48	202	35	10.67	14	35.56
123	30	9.14	11	27.94	163	25	7.62	12	30.48	203	35	10.67	13	33.02
124	26	7.92	17	43.18	164	25	7.62	11	27.94	204	25	7.62	11	27.94
125	30	9.14	17	43.18	165	30	9.14	11	27.94	205	30	9.14	11	27.94
126	30	9.14	17	43.18	166	25	7.62	10	25.40	206	20	6.10	10	25.40
127	40	12.19	12	30.48	167	30	9.14	14	35.56	207	25	7.62	10	25.40
128	25	7.62	13	33.02	168	20	6.10	10	25.40	208	40	12.19	13	33.02
129	30	9.14	12	30.48	169	25	7.62	13	33.02	209	37	11.28	18	45.72
130	45	13.72	25	63.50	170	20	6.10	10	25.40	210	30	9.14	12	30.48
131	25	7.62	12	30.48	171	20	6.10	11	27.94	211	25	7.62	11	27.94
132	19	5.79	10	25.40	172	35	10.67	17	43.18	212	32	9.75	13	33.02
133	20	6.10	10	25.40	173	40	12.19	22	55.88	213	30	9.14	12	30.48
134	35	10.67	13	33.02	174	30	9.14	11	27.94	214	25	7.62	10	25.40
135	20	6.10	10	25.40	175	30	9.14	11	27.94	215	25	7.62	10	25.40
136	25	7.62	10	25.40	176	20	6.10	11	27.94	216	21	6.40	10	25.40
137	25	7.62	11	27.94	177	50	15.24	21	53.34	217	45	13.72	12	30.48
138	35	10.67	20	50.80	178	35	10.67	14	35.56	218	20	6.10	11	27.94
139	25	7.62	10	25.40	179	30	9.14	11	27.94	219	39	11.89	15	38.10
140	40	12.19	13	33.02	180	30	9.14	12	30.48	220	30	9.14	13	33.02
141	25	7.62	10	25.40	181	30	9.14	11	27.94	221	44	13.41	14	35.56
142	30	9.14	11	27.94	182	25	7.62	12	30.48	222	40	12.19	21	53.34
143	30	9.14	15	38.10	183	35	10.67	14	35.56	223	25	7.62	10	25.40
144	35	10.67	14	35.56	184	50	15.24	21	53.34	224	30	9.14	13	33.02
145	55	16.76	26	66.04	185	35	10.67	18	45.72	225	20	6.10	11	27.94
146	28	8.53	17	43.18	186	25	7.62	11	27.94	226	30	9.14	10	25.40
147	25	7.62	19	48.26	187	35	10.67	14	35.56	227	30	9.14	13	33.02
148	30	9.14	11	27.94	188	20	6.10	11	27.94	228	30	9.14	15	38.10
149	30	9.14	11	27.94	189	30	9.14	12	30.48	229	40	12.19	20	50.80
150	35	10.67	16	40.64	190	35	10.67	11	27.94	230	20	6.10	10	25.40
151	35	10.67	12	30.48	191	20	6.10	11	27.94	231	20	6.10	10	25.40
152	30	9.14	11	27.94	192	19	5.79	14	35.56	232	20	6.10	10	25.40
153	25	7.62	12	30.48	193	40	12.19	15	38.10	233	30	9.14	10	25.40
154	25	7.62	11	27.94	194	30	9.14	14	35.56	234	30	9.14	12	30.48
155	35	10.67	12	30.48	195	30	9.14	14	35.56	235	32	9.75	15	38.10
156	35	10.67	18	45.72	196	20	6.10	12	30.48	236	40	12.19	13	33.02
157	25	7.62	10	25.40	197	42	12.80	16	40.64	237	40	12.19	30	76.20
158	23	7.01	17	43.18	198	16	4.88	30	76.20	238	35	10.67	12	30.48
159	35	10.67	19	48.26	199	17	5.18	11	27.94	239	22	6.71	10	25.40
160	35	10.67	13	33.02	200	30	9.14	14	35.56	240	30	9.14	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	45	13.72	21	53.34	281	19	5.79	15	38.10	321	30	9.14	12	30.48
242	20	6.10	12	30.48	282	25	7.62	10	25.40	322	24	7.32	15	38.10
243	50	15.24	14	35.56	283	30	9.14	13	33.02	323	18	5.49	12	30.48
244	30	9.14	14	35.56	284	35	10.67	10	25.40	324	35	10.67	14	35.56
245	25	7.62	12	30.48	285	25	7.62	13	33.02	325	30	9.14	12	30.48
246	25	7.62	13	33.02	286	30	9.14	11	27.94	326	30	9.14	12	30.48
247	30	9.14	11	27.94	287	25	7.62	10	25.40	327	30	9.14	12	30.48
248	26	7.92	10	25.40	288	25	7.62	14	35.56	328	30	9.14	12	30.48
249	25	7.62	18	45.72	289	25	7.62	11	27.94	329	35	10.67	12	30.48
250	30	9.14	12	30.48	290	42	12.80	13	33.02	330	35	10.67	15	38.10
251	30	9.14	14	35.56	291	25	7.62	12	30.48	331	30	9.14	12	30.48
252	25	7.62	15	38.10	292	30	9.14	12	30.48	332	20	6.10	14	35.56
253	25	7.62	12	30.48	293	50	15.24	21	53.34	333	25	7.62	10	25.40
254	30	9.14	10	25.40	294	50	15.24	42	106.68	334	25	7.62	11	27.94
255	40	12.19	12	30.48	295	25	7.62	10	25.40	335	35	10.67	14	35.56
256	80	24.38	30	76.20	296	30	9.14	15	38.10	336	25	7.62	14	35.56
257	26	7.92	10	25.40	297	20	6.10	12	30.48	337	13	3.96	10	25.40
258	25	7.62	13	33.02	298	50	15.24	27	68.58	338	30	9.14	12	30.48
259	30	9.14	14	35.56	299	28	8.53	14	35.56	339	30	9.14	13	33.02
260	30	9.14	11	27.94	300	40	12.19	35	88.90	340	25	7.62	15	38.10
261	30	9.14	12	30.48	301	24	7.32	16	40.64	341	26	7.92	15	38.10
262	25	7.62	10	25.40	302	18	5.49	18	45.72	342	18	5.49	10	25.40
263	44	13.41	30	76.20	303	25	7.62	10	25.40	343	25	7.62	12	30.48
264	25	7.62	12	30.48	304	25	7.62	10	25.40	344	30	9.14	12	30.48
265	38	11.58	20	50.80	305	35	10.67	12	30.48	345	30	9.14	11	27.94
266	44	13.41	21	53.34	306	35	10.67	12	30.48	346	25	7.62	20	50.80
267	41	12.50	30	76.20	307	36	10.97	14	35.56	347	25	7.62	12	30.48
268	30	9.14	15	38.10	308	42	12.80	14	35.56	348	35	10.67	16	40.64
269	30	9.14	14	35.56	309	25	7.62	18	45.72	349	30	9.14	12	30.48
270	25	7.62	10	25.40	310	45	13.72	73	185.42	350	38	11.58	15	38.10
271	35	10.67	16	40.64	311	40	12.19	12	30.48	351	20	6.10	14	35.56
272	25	7.62	11	27.94	312	25	7.62	13	33.02	352	40	12.19	12	30.48
273	30	9.14	12	30.48	313	30	9.14	18	45.72	353	40	12.19	16	40.64
274	35	10.67	12	30.48	314	40	12.19	20	50.80	354	45	13.72	28	71.12
275	40	12.19	12	30.48	315	20	6.10	10	25.40	355	30	9.14	11	27.94
276	25	7.62	12	30.48	316	30	9.14	18	45.72	356	25	7.62	10	25.40
277	30	9.14	10	25.40	317	19	5.79	12	30.48	357	25	7.62	13	33.02
278	60	18.29	23	58.42	318	19	5.79	12	30.48	358	30	9.14	11	27.94
279	25	7.62	10	25.40	319	35	10.67	14	35.56	359	45	13.72	12	30.48
280	30	9.14	13	33.02	320	35	10.67	23	58.42	360	50	15.24	25	63.50

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	42	12.80	14	35.56	401	60	18.29	28	71.12	441	19	5.79	11	27.94
362	35	10.67	12	30.48	402	30	9.14	14	35.56	442	50	15.24	23	58.42
363	20	6.10	12	30.48	403	25	7.62	11	27.94	443	30	9.14	21	53.34
364	20	6.10	10	25.40	404	35	10.67	16	40.64	444	25	7.62	13	33.02
365	42	12.80	15	38.10	405	36	10.97	15	38.10	445	25	7.62	12	30.48
366	20	6.10	11	27.94	406	50	15.24	23	58.42	446	25	7.62	10	25.40
367	35	10.67	12	30.48	407	25	7.62	10	25.40	447	30	9.14	14	35.56
368	35	10.67	12	30.48	408	32	9.75	11	27.94	448	20	6.10	12	30.48
369	30	9.14	15	38.10	409	35	10.67	12	30.48	449	30	9.14	15	38.10
370	25	7.62	10	25.40	410	43	13.11	13	33.02	450	50	15.24	25	63.50
371	35	10.67	12	30.48	411	20	6.10	11	27.94	451	20	6.10	10	25.40
372	25	7.62	10	25.40	412	35	10.67	14	35.56	452	25	7.62	10	25.40
373	30	9.14	12	30.48	413	25	7.62	10	25.40	453	25	7.62	10	25.40
374	35	10.67	15	38.10	414	20	6.10	13	33.02	454	35	10.67	12	30.48
375	35	10.67	11	27.94	415	35	10.67	12	30.48	455	40	12.19	13	33.02
376	25	7.62	11	27.94	416	20	6.10	10	25.40	456	32	9.75	11	27.94
377	30	9.14	11	27.94	417	40	12.19	16	40.64	457	32	9.75	12	30.48
378	25	7.62	19	48.26	418	20	6.10	12	30.48	458	40	12.19	13	33.02
379	30	9.14	14	35.56	419	30	9.14	12	30.48	459	35	10.67	13	33.02
380	42	12.80	14	35.56	420	20	6.10	11	27.94	460	37	11.28	12	30.48
381	20	6.10	10	25.40	421	35	10.67	12	30.48	461	25	7.62	10	25.40
382	20	6.10	12	30.48	422	55	16.76	29	73.66	462	25	7.62	11	27.94
383	35	10.67	12	30.48	423	55	16.76	24	60.96	463	26	7.92	10	25.40
384	36	10.97	11	27.94	424	40	12.19	14	35.56	464	35	10.67	14	35.56
385	35	10.67	13	33.02	425	42	12.80	12	30.48	465	35	10.67	14	35.56
386	40	12.19	22	55.88	426	25	7.62	10	25.40	466	30	9.14	11	27.94
387	20	6.10	10	25.40	427	55	16.76	29	73.66	467	20	6.10	11	27.94
388	50	15.24	28	71.12	428	30	9.14	12	30.48	468	35	10.67	11	27.94
389	20	6.10	15	38.10	429	42	12.80	15	38.10	469	35	10.67	10	25.40
390	30	9.14	14	35.56	430	25	7.62	11	27.94	470	25	7.62	10	25.40
391	20	6.10	15	38.10	431	30	9.14	12	30.48	471	76	23.16	25	63.50
392	30	9.14	11	27.94	432	35	10.67	12	30.48	472	25	7.62	11	27.94
393	30	9.14	12	30.48	433	50	15.24	26	66.04	473	25	7.62	11	27.94
394	42	12.80	14	35.56	434	44	13.41	14	35.56	474	30	9.14	12	30.48
395	25	7.62	13	33.02	435	30	9.14	12	30.48	475	20	6.10	12	30.48
396	25	7.62	11	27.94	436	25	7.62	10	25.40	476	25	7.62	10	25.40
397	45	13.72	15	38.10	437	35	10.67	11	27.94	477	40	12.19	13	33.02
398	30	9.14	10	25.40	438	30	9.14	11	27.94	478	25	7.62	13	33.02
399	42	12.80	14	35.56	439	35	10.67	13	33.02	479	35	10.67	14	35.56
400	30	9.14	13	33.02	440	30	9.14	11	27.94	480	35	10.67	14	35.56

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	30	9.14	12	30.48	521	25	7.62	12	30.48	561	25	7.62	12	30.48
482	30	9.14	12	30.48	522	35	10.67	11	27.94	562	25	7.62	11	27.94
483	25	7.62	10	25.40	523	32	9.75	12	30.48	563	30	9.14	12	30.48
484	30	9.14	14	35.56	524	35	10.67	14	35.56	564	25	7.62	10	25.40
485	35	10.67	12	30.48	525	30	9.14	14	35.56	565	24	7.32	14	35.56
486	40	12.19	22	55.88	526	40	12.19	18	45.72	566	30	9.14	12	30.48
487	40	12.19	15	38.10	527	35	10.67	12	30.48	567	45	13.72	14	35.56
488	26	7.92	11	27.94	528	30	9.14	12	30.48	568	35	10.67	11	27.94
489	20	6.10	12	30.48	529	35	10.67	12	30.48	569	35	10.67	12	30.48
490	17	5.18	11	27.94	530	30	9.14	12	30.48	570	35	10.67	14	35.56
491	26	7.92	13	33.02	531	30	9.14	14	35.56	571	30	9.14	12	30.48
492	19	5.79	13	33.02	532	40	12.19	15	38.10	572	30	9.14	13	33.02
493	35	10.67	15	38.10	533	40	12.19	22	55.88	573	50	15.24	20	50.80
494	15	4.57	11	27.94	534	25	7.62	11	27.94	574	42	12.80	15	38.10
495	35	10.67	14	35.56	535	35	10.67	12	30.48	575	15	4.57	10	25.40
496	30	9.14	12	30.48	536	30	9.14	12	30.48	576	30	9.14	12	30.48
497	30	9.14	11	27.94	537	25	7.62	11	27.94	577	26	7.92	12	30.48
498	44	13.41	12	30.48	538	35	10.67	11	27.94	578	20	6.10	11	27.94
499	25	7.62	11	27.94	539	35	10.67	16	40.64	579	20	6.10	10	25.40
500	40	12.19	12	30.48	540	35	10.67	12	30.48	580	24	7.32	12	30.48
501	40	12.19	15	38.10	541	35	10.67	12	30.48	581	60	18.29	30	76.20
502	40	12.19	12	30.48	542	35	10.67	12	30.48	582	50	15.24	22	55.88
503	35	10.67	15	38.10	543	25	7.62	11	27.94	583	40	12.19	14	35.56
504	25	7.62	11	27.94	544	25	7.62	11	27.94	584	50	15.24	14	35.56
505	20	6.10	11	27.94	545	35	10.67	11	27.94	585	24	7.32	14	35.56
506	22	6.71	10	25.40	546	50	15.24	23	58.42	586	18	5.49	14	35.56
507	24	7.32	10	25.40	547	30	9.14	12	30.48	587	20	6.10	10	25.40
508	42	12.80	14	35.56	548	24	7.32	12	30.48	588	22	6.71	11	27.94
509	35	10.67	14	35.56	549	35	10.67	13	33.02	589	25	7.62	11	27.94
510	20	6.10	11	27.94	550	16	4.88	11	27.94	590	26	7.92	13	33.02
511	25	7.62	10	25.40	551	20	6.10	11	27.94	591	15	4.57	10	25.40
512	35	10.67	10	25.40	552	30	9.14	12	30.48	592	25	7.62	14	35.56
513	19	5.79	12	30.48	553	35	10.67	13	33.02	593	40	12.19	12	30.48
514	35	10.67	13	33.02	554	35	10.67	11	27.94	594	20	6.10	10	25.40
515	40	12.19	14	35.56	555	30	9.14	12	30.48	595	35	10.67	10	25.40
516	20	6.10	10	25.40	556	25	7.62	12	30.48	596	30	9.14	10	25.40
517	32	9.75	15	38.10	557	40	12.19	13	33.02	597	22	6.71	12	30.48
518	19	5.79	11	27.94	558	35	10.67	18	45.72	598	40	12.19	14	35.56
519	28	8.53	14	35.56	559	30	9.14	11	27.94	599	25	7.62	10	25.40
520	40	12.19	14	35.56	560	25	7.62	10	25.40	600	35	10.67	16	40.64

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	30	9.14	14	35.56	641	35	10.67	12	30.48	681	50	15.24	14	35.56
602	30	9.14	14	35.56	642	30	9.14	14	35.56	682	50	15.24	21	53.34
603	25	7.62	11	27.94	643	45	13.72	21	53.34	683	30	9.14	12	30.48
604	25	7.62	11	27.94	644	20	6.10	12	30.48	684	25	7.62	12	30.48
605	35	10.67	15	38.10	645	35	10.67	12	30.48	685	30	9.14	13	33.02
606	35	10.67	16	40.64	646	30	9.14	14	35.56	686	35	10.67	14	35.56
607	50	15.24	22	55.88	647	40	12.19	15	38.10	687	30	9.14	12	30.48
608	35	10.67	12	30.48	648	35	10.67	11	27.94	688	25	7.62	11	27.94
609	30	9.14	10	25.40	649	35	10.67	12	30.48	689	42	12.80	15	38.10
610	30	9.14	10	25.40	650	15	4.57	10	25.40	690	30	9.14	13	33.02
611	25	7.62	12	30.48	651	45	13.72	22	55.88	691	30	9.14	12	30.48
612	25	7.62	11	27.94	652	30	9.14	15	38.10	692	40	12.19	12	30.48
613	25	7.62	12	30.48	653	35	10.67	11	27.94	693	32	9.75	12	30.48
614	55	16.76	26	66.04	654	25	7.62	13	33.02	694	25	7.62	12	30.48
615	30	9.14	11	27.94	655	25	7.62	10	25.40	695	40	12.19	13	33.02
616	25	7.62	14	35.56	656	40	12.19	25	63.50	696	40	12.19	14	35.56
617	20	6.10	10	25.40	657	60	18.29	26	66.04	697	40	12.19	14	35.56
618	36	10.97	13	33.02	658	42	12.80	14	35.56	698	25	7.62	10	25.40
619	40	12.19	19	48.26	659	25	7.62	12	30.48	699	35	10.67	13	33.02
620	20	6.10	10	25.40	660	25	7.62	10	25.40	700	25	7.62	10	25.40
621	20	6.10	10	25.40	661	30	9.14	12	30.48	701	50	15.24	23	58.42
622	25	7.62	11	27.94	662	45	13.72	12	30.48	702	20	6.10	15	38.10
623	20	6.10	10	25.40	663	35	10.67	13	33.02	703	20	6.10	12	30.48
624	30	9.14	10	25.40	664	35	10.67	12	30.48	704	30	9.14	14	35.56
625	35	10.67	12	30.48	665	36	10.97	10	25.40	705	25	7.62	12	30.48
626	30	9.14	14	35.56	666	42	12.80	10	25.40	706	42	12.80	15	38.10
627	25	7.62	10	25.40	667	33	10.06	11	27.94	707	40	12.19	14	35.56
628	30	9.14	12	30.48	668	25	7.62	11	27.94	708	30	9.14	13	33.02
629	40	12.19	13	33.02	669	35	10.67	12	30.48	709	45	13.72	23	58.42
630	25	7.62	14	35.56	670	20	6.10	10	25.40	710	40	12.19	16	40.64
631	30	9.14	15	38.10	671	55	16.76	25	63.50	711	30	9.14	15	38.10
632	45	13.72	21	53.34	672	35	10.67	12	30.48	712	35	10.67	16	40.64
633	25	7.62	13	33.02	673	30	9.14	14	35.56	713	45	13.72	12	30.48
634	25	7.62	12	30.48	674	30	9.14	12	30.48	714	30	9.14	11	27.94
635	30	9.14	15	38.10	675	35	10.67	14	35.56	715	30	9.14	13	33.02
636	45	13.72	22	55.88	676	25	7.62	13	33.02	716	35	10.67	13	33.02
637	35	10.67	22	55.88	677	40	12.19	12	30.48	717	25	7.62	10	25.40
638	20	6.10	14	35.56	678	50	15.24	30	76.20	718	25	7.62	10	25.40
639	25	7.62	10	25.40	679	35	10.67	13	33.02	719	35	10.67	16	40.64
640	30	9.14	12	30.48	680	45	13.72	26	66.04	720	30	9.14	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	55	16.76	21	53.34	761	25	7.62	12	30.48	801	25	7.62	13	33.02
722	40	12.19	20	50.80	762	40	12.19	18	45.72	802	45	13.72	20	50.80
723	30	9.14	15	38.10	763	25	7.62	13	33.02	803	45	13.72	26	66.04
724	35	10.67	12	30.48	764	30	9.14	12	30.48	804	25	7.62	10	25.40
725	25	7.62	12	30.48	765	35	10.67	12	30.48	805	35	10.67	11	27.94
726	32	9.75	14	35.56	766	32	9.75	12	30.48	806	45	13.72	13	33.02
727	35	10.67	14	35.56	767	50	15.24	21	53.34	807	25	7.62	10	25.40
728	30	9.14	14	35.56	768	25	7.62	12	30.48	808	30	9.14	14	35.56
729	30	9.14	10	25.40	769	55	16.76	15	38.10	809	25	7.62	11	27.94
730	50	15.24	25	63.50	770	20	6.10	10	25.40	810	45	13.72	23	58.42
731	45	13.72	12	30.48	771	20	6.10	10	25.40	811	30	9.14	11	27.94
732	30	9.14	11	27.94	772	50	15.24	25	63.50	812	25	7.62	10	25.40
733	30	9.14	13	33.02	773	40	12.19	14	35.56	813	25	7.62	12	30.48
734	35	10.67	13	33.02	774	40	12.19	14	35.56	814	40	12.19	13	33.02
735	35	10.67	13	33.02	775	20	6.10	14	35.56	815	35	10.67	13	33.02
736	40	12.19	18	45.72	776	20	6.10	10	25.40	816	20	6.10	10	25.40
737	25	7.62	12	30.48	777	20	6.10	10	25.40	817	30	9.14	15	38.10
738	25	7.62	13	33.02	778	15	4.57	10	25.40	818	45	13.72	26	66.04
739	45	13.72	15	38.10	779	28	8.53	12	30.48	819	30	9.14	13	33.02
740	30	9.14	19	48.26	780	30	9.14	14	35.56	820	25	7.62	12	30.48
741	35	10.67	14	35.56	781	50	15.24	26	66.04	821	25	7.62	11	27.94
742	26	7.92	17	43.18	782	25	7.62	13	33.02	822	42	12.80	14	35.56
743	26	7.92	12	30.48	783	35	10.67	12	30.48	823	25	7.62	12	30.48
744	20	6.10	10	25.40	784	35	10.67	12	30.48	824	20	6.10	10	25.40
745	30	9.14	12	30.48	785	50	15.24	25	63.50	825	40	12.19	12	30.48
746	45	13.72	14	35.56	786	45	13.72	22	55.88	826	40	12.19	13	33.02
747	45	13.72	16	40.64	787	36	10.97	11	27.94	827	42	12.80	15	38.10
748	35	10.67	23	58.42	788	40	12.19	14	35.56	828	20	6.10	10	25.40
749	40	12.19	19	48.26	789	35	10.67	12	30.48	829	35	10.67	14	35.56
750	25	7.62	12	30.48	790	35	10.67	11	27.94	830	10	3.05	10	25.40
751	50	15.24	19	48.26	791	36	10.97	11	27.94	831	25	7.62	13	33.02
752	60	18.29	38	96.52	792	45	13.72	12	30.48	832	35	10.67	13	33.02
753	55	16.76	28	71.12	793	50	15.24	22	55.88	833	30	9.14	13	33.02
754	50	15.24	24	60.96	794	30	9.14	14	35.56	834	30	9.14	14	35.56
755	19	5.79	12	30.48	795	35	10.67	10	25.40	835	40	12.19	14	35.56
756	35	10.67	14	35.56	796	30	9.14	14	35.56	836	35	10.67	11	27.94
757	36	10.97	15	38.10	797	40	12.19	16	40.64	837	50	15.24	19	48.26
758	30	9.14	11	27.94	798	30	9.14	12	30.48	838	40	12.19	12	30.48
759	45	13.72	15	38.10	799	30	9.14	10	25.40	839	40	12.19	12	30.48
760	40	12.19	19	48.26	800	30	9.14	12	30.48	840	25	7.62	12	30.48

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
841	42	12.80	13	33.02	881	35	10.67	17	43.18	921	42	12.80	15	38.10
842	45	13.72	22	55.88	882	60	18.29	25	63.50	922	25	7.62	12	30.48
843	35	10.67	14	35.56	883	35	10.67	12	30.48	923	35	10.67	11	27.94
844	40	12.19	25	63.50	884	50	15.24	24	60.96	924	25	7.62	14	35.56
845	25	7.62	10	25.40	885	35	10.67	12	30.48	925	25	7.62	10	25.40
846	35	10.67	14	35.56	886	32	9.75	17	43.18	926	42	12.80	15	38.10
847	20	6.10	12	30.48	887	20	6.10	10	25.40	927	20	6.10	11	27.94
848	45	13.72	12	30.48	888	45	13.72	17	43.18	928	20	6.10	10	25.40
849	46	14.02	14	35.56	889	30	9.14	18	45.72	929	25	7.62	10	25.40
850	35	10.67	14	35.56	890	19	5.79	12	30.48	930	55	16.76	30	76.20
851	35	10.67	12	30.48	891	40	12.19	12	30.48	931	35	10.67	11	27.94
852	25	7.62	13	33.02	892	20	6.10	10	25.40	932	20	6.10	10	25.40
853	26	7.92	12	30.48	893	35	10.67	14	35.56	933	30	9.14	15	38.10
854	55	16.76	26	66.04	894	25	7.62	12	30.48	934	50	15.24	24	60.96
855	35	10.67	15	38.10	895	50	15.24	22	55.88	935	50	15.24	30	76.20
856	30	9.14	14	35.56	896	25	7.62	12	30.48	936	25	7.62	14	35.56
857	25	7.62	13	33.02	897	40	12.19	15	38.10	937	20	6.10	10	25.40
858	35	10.67	12	30.48	898	25	7.62	10	25.40	938	25	7.62	10	25.40
859	35	10.67	12	30.48	899	25	7.62	13	33.02	939	20	6.10	11	27.94
860	30	9.14	11	27.94	900	25	7.62	10	25.40	940	35	10.67	11	27.94
861	40	12.19	25	63.50	901	20	6.10	10	25.40	941	35	10.67	12	30.48
862	42	12.80	14	35.56	902	55	16.76	32	81.28	942	30	9.14	14	35.56
863	15	4.57	11	27.94	903	25	7.62	10	25.40	943	45	13.72	12	30.48
864	35	10.67	15	38.10	904	40	12.19	15	38.10	944	45	13.72	20	50.80
865	42	12.80	12	30.48	905	25	7.62	12	30.48	945	20	6.10	11	27.94
866	40	12.19	17	43.18	906	35	10.67	12	30.48	946	40	12.19	12	30.48
867	45	13.72	12	30.48	907	25	7.62	12	30.48	947	25	7.62	14	35.56
868	47	14.33	19	48.26	908	30	9.14	14	35.56	948	20	6.10	11	27.94
869	45	13.72	14	35.56	909	35	10.67	12	30.48	949	40	12.19	12	30.48
870	48	14.63	24	60.96	910	35	10.67	12	30.48	950	30	9.14	14	35.56
871	35	10.67	16	40.64	911	35	10.67	17	43.18	951	35	10.67	12	30.48
872	40	12.19	17	43.18	912	25	7.62	10	25.40	952	20	6.10	14	35.56
873	20	6.10	14	35.56	913	25	7.62	11	27.94	953	20	6.10	12	30.48
874	40	12.19	28	71.12	914	26	7.92	12	30.48	954	20	6.10	13	33.02
875	50	15.24	25	63.50	915	35	10.67	10	25.40	955	30	9.14	11	27.94
876	25	7.62	11	27.94	916	25	7.62	10	25.40	956	42	12.80	15	38.10
877	50	15.24	26	66.04	917	26	7.92	11	27.94	957	40	12.19	22	55.88
878	25	7.62	10	25.40	918	35	10.67	17	43.18	958	24	7.32	10	25.40
879	20	6.10	11	27.94	919	30	9.14	14	35.56	959	30	9.14	16	40.64
880	45	13.72	20	50.80	920	25	7.62	10	25.40	960	35	10.67	11	27.94

HOOMGARH

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
961	25	7.62	12	30.48
962	20	6.10	10	25.40
963	20	6.10	12	30.48
964	42	12.80	13	33.02
965	15	4.57	10	25.40
966	42	12.80	12	30.48
967	20	6.10	10	25.40
968	40	12.19	11	27.94
969	37	11.28	11	27.94
970	30	9.14	19	48.26
971	35	10.67	11	27.94
972	20	6.10	12	30.48
973	30	9.14	12	30.48
974	36	10.97	10	25.40
975	50	15.24	21	53.34
976	35	10.67	15	38.10
977	35	10.67	14	35.56
978	25	7.62	11	27.94
979	40	12.19	14	35.56
980	42	12.80	11	27.94
981	35	10.67	11	27.94
982	25	7.62	12	30.48
983	35	10.67	12	30.48
984	20	6.10	10	25.40
985	40	12.19	13	33.02
986	25	7.62	10	25.40
987	55	16.76	23	58.42
988	40	12.19	10	25.40
989	55	16.76	29	73.66

HOOMGARH

Hoomgarh SP 9

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10	41	30	9.14	17	43.18	81	30	9.14	16	40.64
2	20	6.10	16	40.64	42	35	10.67	15	38.10	82	15	4.57	12	30.48
3	34	10.36	16	40.64	43	15	4.57	10	25.40	83	70	21.34	36	91.44
4	27	8.23	12	30.48	44	25	7.62	11	27.94	84	25	7.62	15	38.10
5	20	6.10	12	30.48	45	15	4.57	14	35.56	85	18	5.49	10	25.40
6	24	7.32	14	35.56	46	20	6.10	16	40.64	86	32	9.75	15	38.10
7	16	4.88	10	25.40	47	20	6.10	14	35.56	87	42	12.80	18	45.72
8	20	6.10	10	25.40	48	11	3.35	10	25.40	88	35	10.67	12	30.48
9	37	11.28	13	33.02	49	13	3.96	10	25.40	89	36	10.97	15	38.10
10	28	8.53	14	35.56	50	35	10.67	18	45.72	90	25	7.62	18	45.72
11	25	7.62	17	43.18	51	30	9.14	17	43.18	91	32	9.75	15	38.10
12	30	9.14	15	38.10	52	30	9.14	16	40.64	92	33	10.06	23	58.42
13	30	9.14	19	48.26	53	32	9.75	17	43.18	93	40	12.19	17	43.18
14	20	6.10	18	45.72	54	30	9.14	14	35.56	94	35	10.67	15	38.10
15	25	7.62	19	48.26	55	20	6.10	12	30.48	95	30	9.14	25	63.50
16	45	13.72	22	55.88	56	40	12.19	18	45.72	96	40	12.19	17	43.18
17	42	12.80	20	50.80	57	25	7.62	15	38.10	97	30	9.14	25	63.50
18	17	5.18	20	50.80	58	30	9.14	14	35.56	98	25	7.62	18	45.72
19	30	9.14	16	40.64	59	50	15.24	23	58.42	99	35	10.67	18	45.72
20	25	7.62	12	30.48	60	35	10.67	15	38.10	100	30	9.14	17	43.18
21	36	10.97	20	50.80	61	30	9.14	15	38.10	101	22	6.71	10	25.40
22	28	8.53	14	35.56	62	50	15.24	27	68.58	102	26	7.92	16	40.64
23	25	7.62	10	25.40	63	50	15.24	28	71.12	103	23	7.01	17	43.18
24	20	6.10	15	38.10	64	42	12.80	26	66.04	104	32	9.75	16	40.64
25	20	6.10	11	27.94	65	62	18.90	35	88.90	105	36	10.97	16	40.64
26	20	6.10	12	30.48	66	37	11.28	15	38.10	106	42	12.80	17	43.18
27	19	5.79	15	38.10	67	27	8.23	20	50.80	107	40	12.19	15	38.10
28	36	10.97	30	76.20	68	40	12.19	26	66.04	108	22	6.71	15	38.10
29	60	18.29	36	91.44	69	45	13.72	20	50.80	109	23	7.01	12	30.48
30	20	6.10	16	40.64	70	17	5.18	12	30.48	110	25	7.62	11	27.94
31	30	9.14	15	38.10	71	18	5.49	25	63.50	111	19	5.79	14	35.56
32	25	7.62	13	33.02	72	37	11.28	15	38.10	112	42	12.80	20	50.80
33	55	16.76	28	71.12	73	38	11.58	30	76.20	113	30	9.14	17	43.18
34	30	9.14	23	58.42	74	14	4.27	10	25.40	114	29	8.84	18	45.72
35	30	9.14	14	35.56	75	20	6.10	14	35.56	115	50	15.24	29	73.66
36	20	6.10	16	40.64	76	15	4.57	11	27.94	116	53	16.15	26	66.04
37	25	7.62	18	45.72	77	25	7.62	19	48.26	117	35	10.67	15	38.10
38	35	10.67	19	48.26	78	22	6.71	15	38.10	118	27	8.23	15	38.10
39	45	13.72	21	53.34	79	47	14.33	23	58.42	119	53	16.15	32	81.28
40	70	21.34	25	63.50	80	28	8.53	14	35.56	120	32	9.75	19	48.26

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	25	7.62	12	30.48	161	30	9.14	25	63.50	201	36	10.97	17	43.18
122	48	14.63	16	40.64	162	20	6.10	10	25.40	202	28	8.53	15	38.10
123	26	7.92	14	35.56	163	26	7.92	16	40.64	203	25	7.62	15	38.10
124	20	6.10	10	25.40	164	28	8.53	12	30.48	204	20	6.10	14	35.56
125	50	15.24	30	76.20	165	32	9.75	16	40.64	205	55	16.76	35	88.90
126	25	7.62	16	40.64	166	26	7.92	13	33.02	206	40	12.19	30	76.20
127	20	6.10	10	25.40	167	33	10.06	21	53.34	207	21	6.40	12	30.48
128	50	15.24	18	45.72	168	35	10.67	17	43.18	208	50	15.24	26	66.04
129	30	9.14	15	38.10	169	31	9.45	16	40.64	209	45	13.72	20	50.80
130	20	6.10	11	27.94	170	42	12.80	24	60.96	210	20	6.10	17	43.18
131	26	7.92	13	33.02	171	45	13.72	28	71.12	211	20	6.10	10	25.40
132	28	8.53	13	33.02	172	42	12.80	19	48.26	212	30	9.14	16	40.64
133	70	21.34	35	88.90	173	45	13.72	22	55.88	213	55	16.76	33	83.82
134	30	9.14	18	45.72	174	17	5.18	10	25.40	214	30	9.14	15	38.10
135	32	9.75	19	48.26	175	23	7.01	13	33.02	215	25	7.62	15	38.10
136	50	15.24	26	66.04	176	30	9.14	16	40.64	216	30	9.14	15	38.10
137	35	10.67	19	48.26	177	20	6.10	10	25.40	217	28	8.53	16	40.64
138	27	8.23	12	30.48	178	15	4.57	12	30.48	218	24	7.32	13	33.02
139	30	9.14	16	40.64	179	48	14.63	27	68.58	219	42	12.80	20	50.80
140	30	9.14	20	50.80	180	42	12.80	20	50.80	220	25	7.62	13	33.02
141	20	6.10	10	25.40	181	40	12.19	25	63.50	221	28	8.53	20	50.80
142	15	4.57	12	30.48	182	30	9.14	15	38.10	222	22	6.71	10	25.40
143	20	6.10	12	30.48	183	25	7.62	15	38.10	223	20	6.10	11	27.94
144	20	6.10	12	30.48	184	40	12.19	22	55.88	224	35	10.67	22	55.88
145	28	8.53	12	30.48	185	20	6.10	11	27.94	225	21	6.40	30	76.20
146	20	6.10	13	33.02	186	28	8.53	12	30.48	226	25	7.62	14	35.56
147	30	9.14	15	38.10	187	40	12.19	26	66.04	227	20	6.10	10	25.40
148	25	7.62	16	40.64	188	35	10.67	20	50.80	228	14	4.27	12	30.48
149	26	7.92	18	45.72	189	21	6.40	10	25.40	229	30	9.14	14	35.56
150	30	9.14	19	48.26	190	31	9.45	20	50.80	230	25	7.62	17	43.18
151	30	9.14	15	38.10	191	20	6.10	11	27.94	231	17	5.18	10	25.40
152	32	9.75	17	43.18	192	13	3.96	20	50.80	232	31	9.45	12	30.48
153	38	11.58	15	38.10	193	25	7.62	21	53.34	233	25	7.62	17	43.18
154	43	13.11	25	63.50	194	20	6.10	10	25.40	234	30	9.14	14	35.56
155	33	10.06	16	40.64	195	60	18.29	40	101.60	235	26	7.92	12	30.48
156	31	9.45	15	38.10	196	42	12.80	17	43.18	236	20	6.10	13	33.02
157	37	11.28	15	38.10	197	28	8.53	16	40.64	237	35	10.67	20	50.80
158	25	7.62	13	33.02	198	27	8.23	12	30.48	238	20	6.10	15	38.10
159	16	4.88	10	25.40	199	26	7.92	20	50.80	239	35	10.67	17	43.18
160	70	21.34	38	96.52	200	35	10.67	16	40.64	240	30	9.14	16	40.64

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	20	6.10	14	35.56	281	42	12.80	22	55.88	321	28	8.53	20	50.80
242	30	9.14	20	50.80	282	20	6.10	12	30.48	322	40	12.19	17	43.18
243	32	9.75	16	40.64	283	32	9.75	11	27.94	323	37	11.28	14	35.56
244	27	8.23	14	35.56	284	34	10.36	20	50.80	324	26	7.92	15	38.10
245	25	7.62	20	50.80	285	36	10.97	18	45.72	325	24	7.32	14	35.56
246	55	16.76	24	60.96	286	31	9.45	15	38.10	326	30	9.14	14	35.56
247	35	10.67	21	53.34	287	40	12.19	27	68.58	327	35	10.67	23	58.42
248	30	9.14	15	38.10	288	20	6.10	15	38.10	328	40	12.19	21	53.34
249	32	9.75	14	35.56	289	30	9.14	17	43.18	329	25	7.62	14	35.56
250	20	6.10	12	30.48	290	35	10.67	7	17.78	330	42	12.80	19	48.26
251	40	12.19	24	60.96	291	32	9.75	18	45.72	331	32	9.75	17	43.18
252	20	6.10	14	35.56	292	45	13.72	34	86.36	332	35	10.67	17	43.18
253	22	6.71	12	30.48	293	11	3.35	25	63.50	333	55	16.76	26	66.04
254	20	6.10	14	35.56	294	20	6.10	13	33.02	334	25	7.62	14	35.56
255	30	9.14	12	30.48	295	50	15.24	38	96.52	335	25	7.62	13	33.02
256	25	7.62	15	38.10	296	50	15.24	30	76.20	336	25	7.62	15	38.10
257	35	10.67	16	40.64	297	30	9.14	15	38.10	337	28	8.53	15	38.10
258	50	15.24	28	71.12	298	25	7.62	14	35.56	338	28	8.53	17	43.18
259	57	17.37	38	96.52	299	60	18.29	32	81.28	339	35	10.67	16	40.64
260	32	9.75	13	33.02	300	25	7.62	15	38.10	340	30	9.14	16	40.64
261	37	11.28	15	38.10	301	35	10.67	14	35.56	341	40	12.19	23	58.42
262	26	7.92	13	33.02	302	30	9.14	14	35.56	342	58	17.68	29	73.66
263	28	8.53	16	40.64	303	30	9.14	15	38.10	343	30	9.14	14	35.56
264	35	10.67	17	43.18	304	28	8.53	22	55.88	344	25	7.62	13	33.02
265	22	6.71	14	35.56	305	60	18.29	26	66.04	345	26	7.92	10	25.40
266	65	19.81	32	81.28	306	40	12.19	24	60.96	346	34	10.36	14	35.56
267	37	11.28	15	38.10	307	36	10.97	24	60.96	347	40	12.19	24	60.96
268	42	12.80	28	71.12	308	55	16.76	38	96.52	348	30	9.14	15	38.10
269	25	7.62	10	25.40	309	30	9.14	14	35.56	349	55	16.76	29	73.66
270	55	16.76	32	81.28	310	32	9.75	14	35.56	350	30	9.14	14	35.56
271	22	6.71	15	38.10	311	40	12.19	20	50.80	351	42	12.80	25	63.50
272	37	11.28	15	38.10	312	20	6.10	13	33.02	352	24	7.32	15	38.10
273	26	7.92	13	33.02	313	16	4.88	13	33.02	353	50	15.24	26	66.04
274	50	15.24	31	78.74	314	52	15.85	32	81.28	354	25	7.62	14	35.56
275	32	9.75	19	48.26	315	20	6.10	11	27.94	355	32	9.75	12	30.48
276	16	4.88	10	25.40	316	20	6.10	14	35.56	356	20	6.10	16	40.64
277	32	9.75	14	35.56	317	35	10.67	15	38.10	357	35	10.67	23	58.42
278	26	7.92	16	40.64	318	35	10.67	20	50.80	358	35	10.67	15	38.10
279	32	9.75	14	35.56	319	27	8.23	15	38.10	359	19	5.79	10	25.40
280	27	8.23	13	33.02	320	25	7.62	14	35.56	360	30	9.14	15	38.10

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	40	12.19	19	48.26	401	30	9.14	16	40.64	441	62	18.90	26	66.04
362	45	13.72	20	50.80	402	20	6.10	12	30.48	442	50	15.24	26	66.04
363	50	15.24	26	66.04	403	35	10.67	15	38.10	443	25	7.62	14	35.56
364	25	7.62	12	30.48	404	28	8.53	14	35.56	444	35	10.67	21	53.34
365	32	9.75	16	40.64	405	29	8.84	17	43.18	445	50	15.24	26	66.04
366	26	7.92	11	27.94	406	30	9.14	14	35.56	446	40	12.19	19	48.26
367	22	6.71	13	33.02	407	25	7.62	13	33.02	447	22	6.71	10	25.40
368	18	5.49	10	25.40	408	20	6.10	12	30.48	448	30	9.14	17	43.18
369	25	7.62	14	35.56	409	26	7.92	12	30.48	449	35	10.67	21	53.34
370	35	10.67	22	55.88	410	30	9.14	19	48.26	450	25	7.62	15	38.10
371	46	14.02	20	50.80	411	70	21.34	29	73.66	451	25	7.62	12	30.48
372	22	6.71	14	35.56	412	35	10.67	13	33.02	452	35	10.67	19	48.26
373	32	9.75	14	35.56	413	45	13.72	20	50.80	453	25	7.62	14	35.56
374	20	6.10	16	40.64	414	40	12.19	11	27.94	454	40	12.19	22	55.88
375	40	12.19	26	66.04	415	25	7.62	11	27.94	455	30	9.14	15	38.10
376	25	7.62	16	40.64	416	30	9.14	12	30.48	456	32	9.75	18	45.72
377	32	9.75	12	30.48	417	40	12.19	23	58.42	457	30	9.14	18	45.72
378	30	9.14	12	30.48	418	35	10.67	17	43.18	458	40	12.19	20	50.80
379	30	9.14	14	35.56	419	27	8.23	13	33.02	459	20	6.10	10	25.40
380	28	8.53	14	35.56	420	20	6.10	10	25.40	460	35	10.67	15	38.10
381	55	16.76	25	63.50	421	35	10.67	18	45.72	461	20	6.10	10	25.40
382	60	18.29	28	71.12	422	20	6.10	11	27.94	462	35	10.67	15	38.10
383	30	9.14	14	35.56	423	25	7.62	13	33.02	463	21	6.40	15	38.10
384	25	7.62	14	35.56	424	26	7.92	18	45.72	464	22	6.71	14	35.56
385	30	9.14	15	38.10	425	30	9.14	14	35.56	465	30	9.14	14	35.56
386	40	12.19	20	50.80	426	30	9.14	116	294.64	466	25	7.62	15	38.10
387	35	10.67	25	63.50	427	30	9.14	12	30.48	467	14	4.27	10	25.40
388	25	7.62	13	33.02	428	30	9.14	18	45.72	468	50	15.24	24	60.96
389	35	10.67	14	35.56	429	25	7.62	15	38.10	469	20	6.10	10	25.40
390	30	9.14	15	38.10	430	25	7.62	14	35.56	470	40	12.19	19	48.26
391	20	6.10	11	27.94	431	40	12.19	22	55.88	471	22	6.71	12	30.48
392	20	6.10	16	40.64	432	18	5.49	10	25.40	472	40	12.19	15	38.10
393	19	5.79	14	35.56	433	20	6.10	12	30.48	473	40	12.19	28	71.12
394	60	18.29	31	78.74	434	30	9.14	12	30.48	474	35	10.67	16	40.64
395	32	9.75	15	38.10	435	18	5.49	10	25.40	475	30	9.14	15	38.10
396	43	13.11	18	45.72	436	35	10.67	17	43.18	476	20	6.10	12	30.48
397	31	9.45	15	38.10	437	40	12.19	25	63.50	477	20	6.10	10	25.40
398	20	6.10	12	30.48	438	25	7.62	14	35.56	478	26	7.92	18	45.72
399	20	6.10	11	27.94	439	30	9.14	15	38.10	479	42	12.80	22	55.88
400	45	13.72	20	50.80	440	20	6.10	10	25.40	480	55	16.76	22	55.88

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	30	9.14	16	40.64	521	22	6.71	13	33.02	561	25	7.62	20	50.80
482	30	9.14	19	48.26	522	25	7.62	15	38.10	562	32	9.75	13	33.02
483	45	13.72	27	68.58	523	30	9.14	16	40.64	563	27	8.23	19	48.26
484	20	6.10	14	35.56	524	35	10.67	17	43.18	564	25	7.62	12	30.48
485	35	10.67	16	40.64	525	65	19.81	32	81.28	565	40	12.19	20	50.80
486	30	9.14	14	35.56	526	30	9.14	17	43.18	566	25	7.62	15	38.10
487	55	16.76	24	60.96	527	20	6.10	14	35.56	567	30	9.14	17	43.18
488	40	12.19	19	48.26	528	35	10.67	17	43.18	568	26	7.92	14	35.56
489	40	12.19	22	55.88	529	35	10.67	17	43.18	569	21	6.40	10	25.40
490	28	8.53	15	38.10	530	22	6.71	16	40.64	570	25	7.62	16	40.64
491	55	16.76	38	96.52	531	40	12.19	27	68.58	571	30	9.14	17	43.18
492	20	6.10	10	25.40	532	30	9.14	15	38.10	572	45	13.72	14	35.56
493	40	12.19	20	50.80	533	30	9.14	14	35.56	573	25	7.62	14	35.56
494	50	15.24	31	78.74	534	50	15.24	24	60.96	574	26	7.92	14	35.56
495	40	12.19	14	35.56	535	35	10.67	15	38.10	575	27	8.23	14	35.56
496	20	6.10	10	25.40	536	27	8.23	12	30.48	576	30	9.14	18	45.72
497	25	7.62	14	35.56	537	20	6.10	16	40.64	577	25	7.62	16	40.64
498	21	6.40	17	43.18	538	55	16.76	22	55.88	578	50	15.24	30	76.20
499	30	9.14	11	27.94	539	25	7.62	10	25.40	579	25	7.62	11	27.94
500	15	4.57	10	25.40	540	38	11.58	26	66.04	580	35	10.67	17	43.18
501	25	7.62	10	25.40	541	30	9.14	17	43.18	581	32	9.75	13	33.02
502	20	6.10	12	30.48	542	28	8.53	14	35.56	582	20	6.10	10	25.40
503	25	7.62	16	40.64	543	27	8.23	14	35.56	583	30	9.14	15	38.10
504	30	9.14	18	45.72	544	22	6.71	11	27.94	584	30	9.14	16	40.64
505	42	12.80	17	43.18	545	25	7.62	12	30.48	585	30	9.14	15	38.10
506	36	10.97	18	45.72	546	25	7.62	12	30.48	586	25	7.62	10	25.40
507	45	13.72	20	50.80	547	35	10.67	19	48.26	587	30	9.14	15	38.10
508	20	6.10	25	63.50	548	30	9.14	12	30.48	588	20	6.10	10	25.40
509	26	7.92	15	38.10	549	30	9.14	13	33.02	589	55	16.76	34	86.36
510	20	6.10	13	33.02	550	20	6.10	10	25.40	590	45	13.72	24	60.96
511	20	6.10	11	27.94	551	27	8.23	15	38.10	591	22	6.71	12	30.48
512	20	6.10	12	30.48	552	35	10.67	19	48.26	592	50	15.24	37	93.98
513	20	6.10	12	30.48	553	30	9.14	20	50.80	593	26	7.92	10	25.40
514	30	9.14	14	35.56	554	25	7.62	11	27.94	594	32	9.75	16	40.64
515	20	6.10	12	30.48	555	25	7.62	11	27.94	595	40	12.19	19	48.26
516	35	10.67	21	53.34	556	25	7.62	17	43.18	596	26	7.92	13	33.02
517	45	13.72	31	78.74	557	20	6.10	10	25.40	597	41	12.50	14	35.56
518	28	8.53	16	40.64	558	30	9.14	17	43.18	598	22	6.71	10	25.40
519	30	9.14	16	40.64	559	50	15.24	20	50.80	599	20	6.10	10	25.40
520	40	12.19	20	50.80	560	50	15.24	30	76.20	600	30	9.14	20	50.80

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	15	4.57	10	25.40	641	26	7.92	13	33.02	681	18	5.49	12	30.48
602	25	7.62	16	40.64	642	25	7.62	15	38.10	682	25	7.62	15	38.10
603	30	9.14	16	40.64	643	20	6.10	10	25.40	683	25	7.62	11	27.94
604	35	10.67	21	53.34	644	20	6.10	12	30.48	684	25	7.62	10	25.40
605	30	9.14	15	38.10	645	22	6.71	12	30.48	685	35	10.67	15	38.10
606	35	10.67	19	48.26	646	16	4.88	11	27.94	686	20	6.10	12	30.48
607	50	15.24	26	66.04	647	25	7.62	16	40.64	687	40	12.19	25	63.50
608	55	16.76	23	58.42	648	40	12.19	16	40.64	688	30	9.14	19	48.26
609	25	7.62	13	33.02	649	25	7.62	12	30.48	689	20	6.10	11	27.94
610	27	8.23	10	25.40	650	50	15.24	32	81.28	690	20	6.10	10	25.40
611	36	10.97	16	40.64	651	33	10.06	12	30.48	691	20	6.10	12	30.48
612	26	7.92	12	30.48	652	30	9.14	15	38.10	692	25	7.62	12	30.48
613	20	6.10	10	25.40	653	25	7.62	12	30.48	693	25	7.62	13	33.02
614	25	7.62	14	35.56	654	25	7.62	12	30.48	694	25	7.62	27	68.58
615	26	7.92	10	25.40	655	20	6.10	10	25.40	695	28	8.53	15	38.10
616	32	9.75	15	38.10	656	50	15.24	25	63.50	696	55	16.76	30	76.20
617	36	10.97	22	55.88	657	30	9.14	25	63.50	697	25	7.62	13	33.02
618	22	6.71	12	30.48	658	25	7.62	10	25.40	698	40	12.19	19	48.26
619	24	7.32	10	25.40	659	20	6.10	10	25.40	699	35	10.67	19	48.26
620	42	12.80	20	50.80	660	20	6.10	10	25.40	700	40	12.19	25	63.50
621	22	6.71	12	30.48	661	30	9.14	16	40.64	701	42	12.80	27	68.58
622	23	7.01	11	27.94	662	40	12.19	21	53.34	702	25	7.62	13	33.02
623	30	9.14	12	30.48	663	16	4.88	10	25.40	703	42	12.80	20	50.80
624	22	6.71	10	25.40	664	25	7.62	15	38.10	704	42	12.80	15	38.10
625	28	8.53	15	38.10	665	25	7.62	13	33.02	705	20	6.10	12	30.48
626	27	8.23	14	35.56	666	30	9.14	12	30.48	706	35	10.67	18	45.72
627	22	6.71	14	35.56	667	35	10.67	18	45.72	707	55	16.76	20	50.80
628	25	7.62	14	35.56	668	55	16.76	22	55.88	708	52	15.85	30	76.20
629	32	9.75	16	40.64	669	30	9.14	15	38.10	709	15	4.57	10	25.40
630	26	7.92	10	25.40	670	16	4.88	10	25.40	710	51	15.54	20	50.80
631	25	7.62	15	38.10	671	25	7.62	14	35.56	711	30	9.14	19	48.26
632	30	9.14	15	38.10	672	20	6.10	20	50.80	712	55	16.76	27	68.58
633	20	6.10	15	38.10	673	25	7.62	15	38.10	713	25	7.62	14	35.56
634	20	6.10	11	27.94	674	35	10.67	18	45.72	714	25	7.62	11	27.94
635	20	6.10	12	30.48	675	40	12.19	25	63.50	715	20	6.10	11	27.94
636	20	6.10	14	35.56	676	26	7.92	11	27.94	716	25	7.62	11	27.94
637	16	4.88	10	25.40	677	45	13.72	17	43.18	717	30	9.14	14	35.56
638	55	16.76	22	55.88	678	20	6.10	11	27.94	718	55	16.76	20	50.80
639	25	7.62	11	27.94	679	22	6.71	11	27.94	719	20	6.10	10	25.40
640	25	7.62	13	33.02	680	20	6.10	11	27.94	720	20	6.10	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	20	6.10	10	25.40	761	55	16.76	25	63.50	801	25	7.62	13	33.02
722	40	12.19	18	45.72	762	35	10.67	17	43.18	802	50	15.24	24	60.96
723	22	6.71	10	25.40	763	15	4.57	10	25.40	803	30	9.14	17	43.18
724	22	6.71	12	30.48	764	20	6.10	16	40.64	804	40	12.19	16	40.64
725	15	4.57	10	25.40	765	20	6.10	15	38.10	805	20	6.10	10	25.40
726	16	4.88	10	25.40	766	40	12.19	19	48.26	806	40	12.19	25	63.50
727	20	6.10	12	30.48	767	42	12.80	13	33.02	807	60	18.29	32	81.28
728	20	6.10	11	27.94	768	20	6.10	10	25.40	808	35	10.67	17	43.18
729	40	12.19	11	27.94	769	20	6.10	12	30.48	809	30	9.14	16	40.64
730	25	7.62	10	25.40	770	25	7.62	13	33.02	810	20	6.10	10	25.40
731	45	13.72	27	68.58	771	45	13.72	20	50.80	811	20	6.10	10	25.40
732	60	18.29	28	71.12	772	25	7.62	11	27.94	812	21	6.40	11	27.94
733	55	16.76	26	66.04	773	20	6.10	11	27.94	813	25	7.62	16	40.64
734	35	10.67	16	40.64	774	30	9.14	17	43.18	814	30	9.14	15	38.10
735	20	6.10	10	25.40	775	20	6.10	10	25.40	815	35	10.67	16	40.64
736	30	9.14	17	43.18	776	45	13.72	24	60.96	816	30	9.14	15	38.10
737	32	9.75	13	33.02	777	27	8.23	12	30.48	817	30	9.14	14	35.56
738	50	15.24	26	66.04	778	35	10.67	19	48.26	818	50	15.24	25	63.50
739	30	9.14	20	50.80	779	35	10.67	15	38.10	819	25	7.62	14	35.56
740	35	10.67	17	43.18	780	25	7.62	12	30.48	820	32	9.75	20	50.80
741	20	6.10	10	25.40	781	35	10.67	19	48.26	821	20	6.10	16	40.64
742	25	7.62	14	35.56	782	30	9.14	15	38.10	822	26	7.92	16	40.64
743	20	6.10	11	27.94	783	35	10.67	17	43.18	823	30	9.14	15	38.10
744	45	13.72	24	60.96	784	20	6.10	10	25.40	824	32	9.75	15	38.10
745	20	6.10	12	30.48	785	20	6.10	12	30.48	825	25	7.62	12	30.48
746	20	6.10	14	35.56	786	25	7.62	12	30.48	826	35	10.67	14	35.56
747	30	9.14	16	40.64	787	25	7.62	11	27.94	827	45	13.72	20	50.80
748	45	13.72	22	55.88	788	30	9.14	15	38.10	828	30	9.14	14	35.56
749	30	9.14	17	43.18	789	20	6.10	11	27.94	829	32	9.75	14	35.56
750	20	6.10	10	25.40	790	55	16.76	36	91.44	830	42	12.80	21	53.34
751	30	9.14	12	30.48	791	50	15.24	30	76.20	831	30	9.14	14	35.56
752	30	9.14	14	35.56	792	30	9.14	15	38.10	832	20	6.10	10	25.40
753	30	9.14	17	43.18	793	20	6.10	10	25.40	833	24	7.32	11	27.94
754	35	10.67	16	40.64	794	25	7.62	14	35.56	834	25	7.62	14	35.56
755	30	9.14	15	38.10	795	42	12.80	19	48.26	835	40	12.19	16	40.64
756	31	9.45	17	43.18	796	35	10.67	19	48.26	836	40	12.19	14	35.56
757	40	12.19	20	50.80	797	35	10.67	15	38.10	837	20	6.10	10	25.40
758	50	15.24	28	71.12	798	35	10.67	15	38.10	838	40	12.19	25	63.50
759	26	7.92	13	33.02	799	40	12.19	24	60.96	839	20	6.10	11	27.94
760	30	9.14	12	30.48	800	25	7.62	14	35.56	840	15	4.57	10	25.40

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Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
841	25	7.62	13	33.02	881	25	7.62	12	30.48	921	40	12.19	14	35.56
842	25	7.62	12	30.48	882	26	7.92	11	27.94	922	35	10.67	17	43.18
843	20	6.10	10	25.40	883	26	7.92	19	48.26	923	45	13.72	14	35.56
844	20	6.10	15	38.10	884	42	12.80	17	43.18	924	55	16.76	22	55.88
845	25	7.62	10	25.40	885	25	7.62	12	30.48	925	30	9.14	17	43.18
846	25	7.62	12	30.48	886	35	10.67	13	33.02	926	35	10.67	18	45.72
847	15	4.57	10	25.40	887	25	7.62	10	25.40	927	45	13.72	23	58.42
848	50	15.24	30	76.20	888	25	7.62	11	27.94	928	25	7.62	11	27.94
849	20	6.10	10	25.40	889	60	18.29	28	71.12	929	25	7.62	12	30.48
850	26	7.92	14	35.56	890	70	21.34	45	114.30	930	20	6.10	10	25.40
851	28	8.53	18	45.72	891	30	9.14	14	35.56	931	35	10.67	13	33.02
852	50	15.24	20	50.80	892	38	11.58	19	48.26	932	35	10.67	22	55.88
853	35	10.67	15	38.10	893	20	6.10	10	25.40	933	20	6.10	13	33.02
854	35	10.67	20	50.80	894	32	9.75	15	38.10	934	25	7.62	10	25.40
855	22	6.71	16	40.64	895	16	4.88	12	30.48	935	20	6.10	10	25.40
856	19	5.79	12	30.48	896	25	7.62	13	33.02	936	20	6.10	14	35.56
857	20	6.10	16	40.64	897	30	9.14	15	38.10	937	30	9.14	15	38.10
858	20	6.10	10	25.40	898	30	9.14	16	40.64	938	40	12.19	20	50.80
859	32	9.75	10	25.40	899	25	7.62	12	30.48	939	60	18.29	34	86.36
860	40	12.19	19	48.26	900	25	7.62	12	30.48	940	25	7.62	12	30.48
861	25	7.62	13	33.02	901	20	6.10	10	25.40	941	30	9.14	12	30.48
862	30	9.14	15	38.10	902	25	7.62	16	40.64	942	25	7.62	13	33.02
863	30	9.14	15	38.10	903	25	7.62	13	33.02	943	35	10.67	18	45.72
864	20	6.10	12	30.48	904	25	7.62	14	35.56	944	20	6.10	10	25.40
865	30	9.14	17	43.18	905	25	7.62	12	30.48	945	45	13.72	26	66.04
866	21	6.40	11	27.94	906	55	16.76	26	66.04	946	25	7.62	12	30.48
867	20	6.10	10	25.40	907	25	7.62	10	25.40	947	25	7.62	12	30.48
868	20	6.10	10	25.40	908	30	9.14	20	50.80	948	30	9.14	15	38.10
869	16	4.88	10	25.40	909	25	7.62	13	33.02	949	26	7.92	13	33.02
870	16	4.88	12	30.48	910	25	7.62	13	33.02	950	20	6.10	12	30.48
871	37	11.28	20	50.80	911	40	12.19	17	43.18	951	20	6.10	10	25.40
872	37	11.28	20	50.80	912	20	6.10	12	30.48	952	30	9.14	14	35.56
873	40	12.19	19	48.26	913	20	6.10	11	27.94	953	45	13.72	20	50.80
874	22	6.71	16	40.64	914	25	7.62	11	27.94	954	42	12.80	18	45.72
875	24	7.32	18	45.72	915	20	6.10	11	27.94	955	38	11.58	19	48.26
876	25	7.62	19	48.26	916	25	7.62	13	33.02	956	35	10.67	19	48.26
877	40	12.19	25	63.50	917	50	15.24	23	58.42	957	20	6.10	12	30.48
878	32	9.75	13	33.02	918	30	9.14	22	55.88	958	16	4.88	10	25.40
879	20	6.10	12	30.48	919	35	10.67	15	38.10	959	15	4.57	12	30.48
880	25	7.62	12	30.48	920	25	7.62	12	30.48	960	16	4.88	11	27.94
										961	30	9.14	14	35.56
										962	32	9.75	24	60.96

Diospyros excelsa/ (Kendu)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**41**	**12.50**	**30**	**76.20**

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Hoomgarh SP 8

***Shorea robusta*/ (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64	41	30	9.14	15	38.10	81	20	6.10	12	30.48
2	50	15.24	32	81.28	42	40	12.19	22	55.88	82	25	7.62	11	27.94
3	20	6.10	11	27.94	43	25	7.62	11	27.94	83	20	6.10	12	30.48
4	20	6.10	10	25.40	44	25	7.62	12	30.48	84	22	6.71	12	30.48
5	25	7.62	13	33.02	45	20	6.10	11	27.94	85	30	9.14	12	30.48
6	25	7.62	12	30.48	46	25	7.62	12	30.48	86	30	9.14	15	38.10
7	20	6.10	10	25.40	47	20	6.10	11	27.94	87	25	7.62	11	27.94
8	20	6.10	10	25.40	48	30	9.14	11	27.94	88	30	9.14	12	30.48
9	25	7.62	13	33.02	49	50	15.24	23	58.42	89	30	9.14	12	30.48
10	20	6.10	12	30.48	50	25	7.62	12	30.48	90	25	7.62	13	33.02
11	25	7.62	13	33.02	51	25	7.62	12	30.48	91	20	6.10	12	30.48
12	30	9.14	15	38.10	52	25	7.62	12	30.48	92	30	9.14	14	35.56
13	20	6.10	10	25.40	53	25	7.62	13	33.02	93	40	12.19	19	48.26
14	20	6.10	10	25.40	54	20	6.10	12	30.48	94	20	6.10	11	27.94
15	30	9.14	24	60.96	55	25	7.62	14	35.56	95	30	9.14	13	33.02
16	22	6.71	10	25.40	56	10	3.05	15	38.10	96	30	9.14	12	30.48
17	25	7.62	13	33.02	57	20	6.10	11	27.94	97	25	7.62	11	27.94
18	40	12.19	18	45.72	58	25	7.62	12	30.48	98	25	7.62	13	33.02
19	30	9.14	18	45.72	59	30	9.14	15	38.10	99	30	9.14	12	30.48
20	30	9.14	15	38.10	60	30	9.14	12	30.48	100	30	9.14	14	35.56
21	20	6.10	12	30.48	61	20	6.10	10	25.40	101	32	9.75	14	35.56
22	25	7.62	12	30.48	62	25	7.62	11	27.94	102	25	7.62	13	33.02
23	42	12.80	18	45.72	63	30	9.14	14	35.56	103	35	10.67	13	33.02
24	20	6.10	10	25.40	64	30	9.14	14	35.56	104	20	6.10	11	27.94
25	25	7.62	14	35.56	65	25	7.62	13	33.02	105	20	6.10	12	30.48
26	25	7.62	12	30.48	66	50	15.24	24	60.96	106	30	9.14	12	30.48
27	20	6.10	12	30.48	67	30	9.14	12	30.48	107	30	9.14	13	33.02
28	42	12.80	25	63.50	68	20	6.10	10	25.40	108	35	10.67	15	38.10
29	45	13.72	25	63.50	69	30	9.14	14	35.56	109	30	9.14	15	38.10
30	30	9.14	13	33.02	70	25	7.62	12	30.48	110	25	7.62	12	30.48
31	20	6.10	10	25.40	71	25	7.62	12	30.48	111	30	9.14	14	35.56
32	20	6.10	12	30.48	72	20	6.10	10	25.40	112	30	9.14	14	35.56
33	20	6.10	11	27.94	73	20	6.10	11	27.94	113	50	15.24	24	60.96
34	25	7.62	12	30.48	74	25	7.62	12	30.48	114	42	12.80	22	55.88
35	20	6.10	10	25.40	75	20	6.10	10	25.40	115	30	9.14	13	33.02
36	25	7.62	13	33.02	76	30	9.14	12	30.48	116	25	7.62	12	30.48
37	30	9.14	14	35.56	77	25	7.62	12	30.48	117	30	9.14	12	30.48
38	22	6.71	11	27.94	78	30	9.14	14	35.56	118	25	7.62	10	25.40
39	20	6.10	11	27.94	79	20	6.10	12	30.48	119	30	9.14	14	35.56
40	20	6.10	11	27.94	80	20	6.10	11	27.94	120	25	7.62	11	27.94

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	35	10.67	16	40.64	161	30	9.14	14	35.56	201	20	6.10	11	27.94
122	40	12.19	22	55.88	162	20	6.10	11	27.94	202	25	7.62	11	27.94
123	20	6.10	11	27.94	163	25	7.62	12	30.48	203	25	7.62	12	30.48
124	25	7.62	12	30.48	164	20	6.10	11	27.94	204	60	18.29	27	68.58
125	30	9.14	13	33.02	165	25	7.62	10	25.40	205	35	10.67	15	38.10
126	35	10.67	13	33.02	166	25	7.62	14	35.56	206	25	7.62	11	27.94
127	40	12.19	25	63.50	167	35	10.67	14	35.56	207	22	6.71	10	25.40
128	30	9.14	12	30.48	168	25	7.62	14	35.56	208	25	7.62	15	38.10
129	45	13.72	20	50.80	169	35	10.67	13	33.02	209	25	7.62	12	30.48
130	35	10.67	12	30.48	170	25	7.62	10	25.40	210	30	9.14	11	27.94
131	20	6.10	10	25.40	171	20	6.10	11	27.94	211	20	6.10	10	25.40
132	34	10.36	13	33.02	172	25	7.62	10	25.40	212	30	9.14	25	63.50
133	30	9.14	15	38.10	173	25	7.62	14	35.56	213	30	9.14	14	35.56
134	25	7.62	11	27.94	174	30	9.14	12	30.48	214	30	9.14	12	30.48
135	30	9.14	13	33.02	175	45	13.72	29	73.66	215	42	12.80	22	55.88
136	25	7.62	12	30.48	176	35	10.67	18	45.72	216	30	9.14	13	33.02
137	25	7.62	11	27.94	177	20	6.10	10	25.40	217	30	9.14	12	30.48
138	25	7.62	10	25.40	178	25	7.62	14	35.56	218	35	10.67	20	50.80
139	35	10.67	14	35.56	179	25	7.62	20	50.80	219	30	9.14	11	27.94
140	30	9.14	13	33.02	180	25	7.62	12	30.48	220	30	9.14	12	30.48
141	30	9.14	15	38.10	181	30	9.14	12	30.48	221	35	10.67	13	33.02
142	35	10.67	15	38.10	182	35	10.67	21	53.34	222	35	10.67	14	35.56
143	20	6.10	12	30.48	183	35	10.67	15	38.10	223	35	10.67	19	48.26
144	20	6.10	11	27.94	184	35	10.67	15	38.10	224	25	7.62	10	25.40
145	30	9.14	12	30.48	185	30	9.14	12	30.48	225	30	9.14	13	33.02
146	40	12.19	16	40.64	186	25	7.62	12	30.48	226	35	10.67	16	40.64
147	30	9.14	14	35.56	187	30	9.14	14	35.56	227	20	6.10	10	25.40
148	25	7.62	12	30.48	188	30	9.14	11	27.94	228	25	7.62	14	35.56
149	30	9.14	14	35.56	189	25	7.62	10	25.40	229	35	10.67	14	35.56
150	25	7.62	11	27.94	190	30	9.14	12	30.48	230	30	9.14	14	35.56
151	25	7.62	10	25.40	191	25	7.62	13	33.02	231	30	9.14	15	38.10
152	30	9.14	12	30.48	192	30	9.14	13	33.02	232	30	9.14	11	27.94
153	20	6.10	12	30.48	193	25	7.62	11	27.94	233	35	10.67	14	35.56
154	30	9.14	13	33.02	194	25	7.62	10	25.40	234	30	9.14	13	33.02
155	30	9.14	13	33.02	195	30	9.14	12	30.48	235	25	7.62	13	33.02
156	30	9.14	14	35.56	196	25	7.62	11	27.94	236	30	9.14	12	30.48
157	50	15.24	22	55.88	197	37	11.28	15	38.10	237	30	9.14	10	25.40
158	20	6.10	12	30.48	198	20	6.10	10	25.40	238	30	9.14	12	30.48
159	30	9.14	12	30.48	199	20	6.10	11	27.94	239	25	7.62	10	25.40
160	42	12.80	24	60.96	200	20	6.10	11	27.94	240	20	6.10	10	25.40

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	30	9.14	13	33.02	281	30	9.14	12	30.48	321	22	6.71	11	27.94
242	35	10.67	12	30.48	282	40	12.19	20	50.80	322	25	7.62	11	27.94
243	25	7.62	11	27.94	283	35	10.67	13	33.02	323	25	7.62	11	27.94
244	40	12.19	13	33.02	284	20	6.10	10	25.40	324	20	6.10	10	25.40
245	30	9.14	11	27.94	285	60	18.29	31	78.74	325	30	9.14	15	38.10
246	25	7.62	12	30.48	286	30	9.14	13	33.02	326	40	12.19	17	43.18
247	20	6.10	11	27.94	287	25	7.62	12	30.48	327	30	9.14	12	30.48
248	25	7.62	12	30.48	288	35	10.67	16	40.64	328	25	7.62	12	30.48
249	30	9.14	20	50.80	289	30	9.14	14	35.56	329	20	6.10	10	25.40
250	55	16.76	26	66.04	290	25	7.62	13	33.02	330	30	9.14	13	33.02
251	35	10.67	15	38.10	291	30	9.14	16	40.64	331	35	10.67	23	58.42
252	30	9.14	12	30.48	292	25	7.62	13	33.02	332	25	7.62	11	27.94
253	25	7.62	12	30.48	293	30	9.14	13	33.02	333	25	7.62	12	30.48
254	35	10.67	15	38.10	294	25	7.62	14	35.56	334	30	9.14	11	27.94
255	25	7.62	11	27.94	295	40	12.19	25	63.50	335	25	7.62	12	30.48
256	30	9.14	14	35.56	296	20	6.10	10	25.40	336	20	6.10	11	27.94
257	20	6.10	10	25.40	297	35	10.67	14	35.56	337	25	7.62	11	27.94
258	25	7.62	12	30.48	298	30	9.14	11	27.94	338	35	10.67	13	33.02
259	35	10.67	15	38.10	299	30	9.14	15	38.10	339	22	6.71	12	30.48
260	25	7.62	10	25.40	300	20	6.10	11	27.94	340	20	6.10	10	25.40
261	30	9.14	14	35.56	301	25	7.62	12	30.48	341	20	6.10	11	27.94
262	20	6.10	12	30.48	302	30	9.14	17	43.18	342	30	9.14	12	30.48
263	30	9.14	14	35.56	303	30	9.14	13	33.02	343	25	7.62	13	33.02
264	25	7.62	13	33.02	304	35	10.67	13	33.02	344	35	10.67	13	33.02
265	20	6.10	11	27.94	305	28	8.53	11	27.94	345	20	6.10	11	27.94
266	20	6.10	11	27.94	306	20	6.10	14	35.56	346	30	9.14	11	27.94
267	35	10.67	14	35.56	307	20	6.10	11	27.94	347	35	10.67	21	53.34
268	20	6.10	11	27.94	308	20	6.10	12	30.48	348	25	7.62	11	27.94
269	20	6.10	12	30.48	309	30	9.14	11	27.94	349	45	13.72	23	58.42
270	25	7.62	11	27.94	310	25	7.62	12	30.48	350	20	6.10	11	27.94
271	30	9.14	11	27.94	311	35	10.67	13	33.02	351	30	9.14	12	30.48
272	25	7.62	12	30.48	312	20	6.10	11	27.94	352	30	9.14	12	30.48
273	25	7.62	11	27.94	313	20	6.10	10	25.40	353	25	7.62	10	25.40
274	25	7.62	11	27.94	314	42	12.80	18	45.72	354	20	6.10	10	25.40
275	30	9.14	16	40.64	315	20	6.10	11	27.94	355	25	7.62	13	33.02
276	35	10.67	15	38.10	316	35	10.67	17	43.18	356	30	9.14	14	35.56
277	30	9.14	14	35.56	317	60	18.29	26	66.04	357	20	6.10	10	25.40
278	30	9.14	12	30.48	318	20	6.10	10	25.40	358	25	7.62	14	35.56
279	35	10.67	15	38.10	319	35	10.67	14	35.56	359	30	9.14	16	40.64
280	25	7.62	14	35.56	320	30	9.14	11	27.94	360	35	10.67	12	30.48

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
361	20	6.10	11	27.94	401	25	7.62	12	30.48	441	20	6.10	10	25.40
362	25	7.62	13	33.02	402	30	9.14	12	30.48	442	25	7.62	12	30.48
363	20	6.10	12	30.48	403	20	6.10	10	25.40	443	35	10.67	14	35.56
364	30	9.14	11	27.94	404	25	7.62	12	30.48	444	30	9.14	12	30.48
365	22	6.71	12	30.48	405	25	7.62	14	35.56	445	25	7.62	12	30.48
366	20	6.10	11	27.94	406	20	6.10	10	25.40	446	20	6.10	10	25.40
367	35	10.67	16	40.64	407	40	12.19	19	48.26	447	15	4.57	11	27.94
368	30	9.14	12	30.48	408	20	6.10	12	30.48	448	25	7.62	12	30.48
369	30	9.14	14	35.56	409	20	6.10	13	33.02	449	30	9.14	12	30.48
370	25	7.62	12	30.48	410	20	6.10	10	25.40	450	25	7.62	10	25.40
371	25	7.62	13	33.02	411	20	6.10	10	25.40	451	25	7.62	12	30.48
372	32	9.75	14	35.56	412	20	6.10	11	27.94	452	18	5.49	10	25.40
373	25	7.62	12	30.48	413	20	6.10	11	27.94	453	20	6.10	10	25.40
374	40	12.19	14	35.56	414	25	7.62	13	33.02	454	40	12.19	16	40.64
375	20	6.10	11	27.94	415	20	6.10	11	27.94	455	35	10.67	18	45.72
376	30	9.14	17	43.18	416	25	7.62	12	30.48	456	20	6.10	10	25.40
377	30	9.14	13	33.02	417	20	6.10	11	27.94	457	25	7.62	12	30.48
378	20	6.10	11	27.94	418	25	7.62	11	27.94	458	25	7.62	13	33.02
379	40	12.19	19	48.26	419	30	9.14	10	25.40	459	35	10.67	15	38.10
380	25	7.62	10	25.40	420	25	7.62	14	35.56	460	20	6.10	10	25.40
381	30	9.14	12	30.48	421	40	12.19	15	38.10	461	25	7.62	10	25.40
382	20	6.10	11	27.94	422	25	7.62	13	33.02	462	20	6.10	10	25.40
383	30	9.14	12	30.48	423	25	7.62	12	30.48	463	30	9.14	14	35.56
384	25	7.62	11	27.94	424	20	6.10	10	25.40	464	20	6.10	11	27.94
385	32	9.75	14	35.56	425	25	7.62	12	30.48	465	22	6.71	10	25.40
386	30	9.14	12	30.48	426	30	9.14	14	35.56	466	25	7.62	12	30.48
387	30	9.14	14	35.56	427	30	9.14	10	25.40	467	25	7.62	13	33.02
388	40	12.19	20	50.80	428	20	6.10	12	30.48	468	20	6.10	11	27.94
389	20	6.10	12	30.48	429	20	6.10	11	27.94	469	20	6.10	11	27.94
390	40	12.19	19	48.26	430	25	7.62	13	33.02	470	30	9.14	14	35.56
391	22	6.71	10	25.40	431	25	7.62	12	30.48	471	20	6.10	11	27.94
392	25	7.62	13	33.02	432	25	7.62	11	27.94	472	25	7.62	11	27.94
393	20	6.10	11	27.94	433	20	6.10	10	25.40	473	25	7.62	11	27.94
394	30	9.14	12	30.48	434	30	9.14	16	40.64	474	30	9.14	13	33.02
395	45	13.72	24	60.96	435	25	7.62	11	27.94	475	35	10.67	15	38.10
396	25	7.62	11	27.94	436	20	6.10	11	27.94	476	30	9.14	12	30.48
397	25	7.62	14	35.56	437	30	9.14	11	27.94	477	20	6.10	10	25.40
398	30	9.14	15	38.10	438	25	7.62	13	33.02	478	50	15.24	24	60.96
399	22	6.71	10	25.40	439	20	6.10	11	27.94	479	20	6.10	12	30.48
400	55	16.76	25	63.50	440	25	7.62	12	30.48	480	20	6.10	11	27.94

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
481	25	7.62	13	33.02	521	35	10.67	13	33.02	561	30	9.14	14	35.56
482	25	7.62	12	30.48	522	30	9.14	11	27.94	562	30	9.14	14	35.56
483	20	6.10	11	27.94	523	35	10.67	18	45.72	563	15	4.57	12	30.48
484	25	7.62	11	27.94	524	25	7.62	11	27.94	564	25	7.62	10	25.40
485	35	10.67	14	35.56	525	35	10.67	12	30.48	565	30	9.14	12	30.48
486	20	6.10	12	30.48	526	25	7.62	12	30.48	566	30	9.14	14	35.56
487	25	7.62	10	25.40	527	35	10.67	13	33.02	567	30	9.14	12	30.48
488	20	6.10	12	30.48	528	30	9.14	16	40.64	568	30	9.14	11	27.94
489	20	6.10	11	27.94	529	20	6.10	11	27.94	569	30	9.14	12	30.48
490	25	7.62	10	25.40	530	25	7.62	10	25.40	570	25	7.62	11	27.94
491	30	9.14	12	30.48	531	40	12.19	22	55.88	571	20	6.10	10	25.40
492	20	6.10	11	27.94	532	45	13.72	27	68.58	572	35	10.67	11	27.94
493	30	9.14	11	27.94	533	25	7.62	11	27.94	573	20	6.10	11	27.94
494	35	10.67	12	30.48	534	40	12.19	17	43.18	574	25	7.62	11	27.94
495	20	6.10	12	30.48	535	30	9.14	11	27.94	575	30	9.14	15	38.10
496	35	10.67	13	33.02	536	25	7.62	12	30.48	576	35	10.67	13	33.02
497	35	10.67	12	30.48	537	35	10.67	15	38.10	577	30	9.14	13	33.02
498	25	7.62	12	30.48	538	25	7.62	11	27.94	578	30	9.14	15	38.10
499	42	12.80	14	35.56	539	30	9.14	11	27.94	579	35	10.67	14	35.56
500	35	10.67	12	30.48	540	55	16.76	24	60.96	580	25	7.62	11	27.94
501	25	7.62	10	25.40	541	20	6.10	12	30.48	581	25	7.62	12	30.48
502	25	7.62	16	40.64	542	25	7.62	10	25.40	582	20	6.10	10	25.40
503	45	13.72	22	55.88	543	30	9.14	15	38.10	583	25	7.62	12	30.48
504	25	7.62	10	25.40	544	42	12.80	16	40.64	584	25	7.62	13	33.02
505	25	7.62	11	27.94	545	25	7.62	13	33.02	585	35	10.67	12	30.48
506	20	6.10	11	27.94	546	35	10.67	13	33.02	586	20	6.10	12	30.48
507	25	7.62	13	33.02	547	30	9.14	14	35.56	587	25	7.62	11	27.94
508	50	15.24	36	91.44	548	35	10.67	14	35.56	588	25	7.62	11	27.94
509	30	9.14	12	30.48	549	30	9.14	14	35.56	589	35	10.67	15	38.10
510	40	12.19	16	40.64	550	25	7.62	11	27.94	590	25	7.62	12	30.48
511	30	9.14	14	35.56	551	30	9.14	11	27.94	591	40	12.19	13	33.02
512	20	6.10	10	25.40	552	25	7.62	10	25.40	592	30	9.14	12	30.48
513	30	9.14	12	30.48	553	35	10.67	12	30.48	593	35	10.67	14	35.56
514	25	7.62	12	30.48	554	30	9.14	12	30.48	594	20	6.10	12	30.48
515	25	7.62	12	30.48	555	30	9.14	12	30.48	595	25	7.62	12	30.48
516	30	9.14	16	40.64	556	25	7.62	13	33.02	596	20	6.10	11	27.94
517	30	9.14	12	30.48	557	40	12.19	14	35.56	597	35	10.67	14	35.56
518	25	7.62	11	27.94	558	20	6.10	11	27.94	598	25	7.62	11	27.94
519	25	7.62	12	30.48	559	30	9.14	12	30.48	599	25	7.62	12	30.48
520	25	7.62	14	35.56	560	30	9.14	13	33.02	600	35	10.67	12	30.48

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
601	30	9.14	14	35.56	641	35	10.67	12	30.48	681	35	10.67	15	38.10
602	25	7.62	10	25.40	642	35	10.67	15	38.10	682	30	9.14	12	30.48
603	25	7.62	12	30.48	643	35	10.67	11	27.94	683	25	7.62	10	25.40
604	25	7.62	13	33.02	644	30	9.14	13	33.02	684	25	7.62	10	25.40
605	30	9.14	12	30.48	645	20	6.10	11	27.94	685	20	6.10	10	25.40
606	30	9.14	11	27.94	646	30	9.14	15	38.10	686	20	6.10	11	27.94
607	35	10.67	13	33.02	647	25	7.62	10	25.40	687	30	9.14	12	30.48
608	25	7.62	10	25.40	648	25	7.62	11	27.94	688	35	10.67	15	38.10
609	25	7.62	12	30.48	649	20	6.10	11	27.94	689	40	12.19	17	43.18
610	30	9.14	15	38.10	650	35	10.67	15	38.10	690	25	7.62	13	33.02
611	40	12.19	14	35.56	651	30	9.14	14	35.56	691	30	9.14	11	27.94
612	40	12.19	15	38.10	652	35	10.67	15	38.10	692	30	9.14	12	30.48
613	20	6.10	12	30.48	653	30	9.14	12	30.48	693	25	7.62	11	27.94
614	40	12.19	15	38.10	654	30	9.14	12	30.48	694	30	9.14	12	30.48
615	20	6.10	10	25.40	655	30	9.14	12	30.48	695	20	6.10	10	25.40
616	40	12.19	14	35.56	656	35	10.67	15	38.10	696	30	9.14	13	33.02
617	40	12.19	15	38.10	657	30	9.14	12	30.48	697	30	9.14	12	30.48
618	20	6.10	16	40.64	658	30	9.14	11	27.94	698	30	9.14	12	30.48
619	50	15.24	26	66.04	659	30	9.14	12	30.48	699	25	7.62	12	30.48
620	20	6.10	10	25.40	660	55	16.76	23	58.42	700	45	13.72	22	55.88
621	30	9.14	22	55.88	661	25	7.62	12	30.48	701	35	10.67	13	33.02
622	30	9.14	22	55.88	662	30	9.14	12	30.48	702	30	9.14	12	30.48
623	24	7.32	11	27.94	663	30	9.14	14	35.56	703	25	7.62	11	27.94
624	30	9.14	11	27.94	664	35	10.67	12	30.48	704	30	9.14	12	30.48
625	40	12.19	14	35.56	665	30	9.14	11	27.94	705	40	12.19	13	33.02
626	30	9.14	15	38.10	666	25	7.62	12	30.48	706	25	7.62	11	27.94
627	35	10.67	13	33.02	667	30	9.14	12	30.48	707	20	6.10	10	25.40
628	25	7.62	13	33.02	668	25	7.62	13	33.02	708	30	9.14	11	27.94
629	30	9.14	12	30.48	669	20	6.10	10	25.40	709	40	12.19	15	38.10
630	30	9.14	11	27.94	670	30	9.14	12	30.48	710	30	9.14	13	33.02
631	25	7.62	12	30.48	671	40	12.19	15	38.10	711	40	12.19	13	33.02
632	30	9.14	12	30.48	672	30	9.14	12	30.48	712	30	9.14	11	27.94
633	21	6.40	45	114.30	673	30	9.14	10	25.40	713	35	10.67	12	30.48
634	25	7.62	12	30.48	674	35	10.67	13	33.02	714	20	6.10	10	25.40
635	25	7.62	10	25.40	675	35	10.67	14	35.56	715	30	9.14	12	30.48
636	30	9.14	14	35.56	676	30	9.14	15	38.10	716	20	6.10	11	27.94
637	20	6.10	10	25.40	677	30	9.14	12	30.48	717	30	9.14	11	27.94
638	25	7.62	12	30.48	678	20	6.10	11	27.94	718	25	7.62	10	25.40
639	25	7.62	12	30.48	679	30	9.14	13	33.02	719	50	15.24	25	63.50
640	55	16.76	27	68.58	680	20	6.10	10	25.40	720	35	10.67	13	33.02

HOOMGARH

Shorea robusta/ (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
721	25	7.62	10	25.40	761	30	9.14	14	35.56	801	25	7.62	10	25.40
722	20	6.10	12	30.48	762	30	9.14	13	33.02	802	20	6.10	11	27.94
723	20	6.10	10	25.40	763	25	7.62	11	27.94	803	20	6.10	10	25.40
724	30	9.14	12	30.48	764	25	7.62	11	27.94	804	30	9.14	14	35.56
725	35	10.67	15	38.10	765	20	6.10	10	25.40	805	30	9.14	11	27.94
726	25	7.62	16	40.64	766	45	13.72	23	58.42	806	45	13.72	24	60.96
727	40	12.19	14	35.56	767	30	9.14	12	30.48	807	20	6.10	11	27.94
728	30	9.14	12	30.48	768	30	9.14	15	38.10	808	30	9.14	11	27.94
729	20	6.10	13	33.02	769	30	9.14	10	25.40	809	30	9.14	12	30.48
730	30	9.14	12	30.48	770	25	7.62	11	27.94	810	20	6.10	11	27.94
731	20	6.10	10	25.40	771	30	9.14	13	33.02	811	30	9.14	12	30.48
732	25	7.62	15	38.10	772	25	7.62	12	30.48	812	30	9.14	12	30.48
733	25	7.62	13	33.02	773	30	9.14	15	38.10	813	25	7.62	10	25.40
734	40	12.19	14	35.56	774	30	9.14	11	27.94	814	30	9.14	11	27.94
735	25	7.62	11	27.94	775	20	6.10	11	27.94	815	20	6.10	10	25.40
736	30	9.14	11	27.94	776	30	9.14	11	27.94	816	30	9.14	12	30.48
737	40	12.19	14	35.56	777	25	7.62	10	25.40	817	30	9.14	13	33.02
738	25	7.62	11	27.94	778	30	9.14	15	38.10	818	30	9.14	11	27.94
739	30	9.14	12	30.48	779	20	6.10	11	27.94	819	30	9.14	11	27.94
740	30	9.14	14	35.56	780	35	10.67	11	27.94	820	30	9.14	12	30.48
741	45	13.72	18	45.72	781	30	9.14	11	27.94	821	30	9.14	14	35.56
742	25	7.62	11	27.94	782	25	7.62	11	27.94	822	25	7.62	11	27.94
743	35	10.67	14	35.56	783	50	15.24	28	71.12	823	30	9.14	12	30.48
744	30	9.14	14	35.56	784	30	9.14	12	30.48	824	20	6.10	12	30.48
745	25	7.62	11	27.94	785	20	6.10	10	25.40	825	25	7.62	12	30.48
746	25	7.62	10	25.40	786	30	9.14	12	30.48	826	35	10.67	13	33.02
747	25	7.62	10	25.40	787	22	6.71	10	25.40	827	20	6.10	11	27.94
748	20	6.10	11	27.94	788	20	6.10	11	27.94	828	30	9.14	15	38.10
749	20	6.10	11	27.94	789	25	7.62	10	25.40	829	25	7.62	10	25.40
750	35	10.67	13	33.02	790	30	9.14	13	33.02	830	50	15.24	22	55.88
751	50	15.24	25	63.50	791	25	7.62	10	25.40	831	20	6.10	11	27.94
752	30	9.14	12	30.48	792	35	10.67	12	30.48	832	25	7.62	10	25.40
753	25	7.62	11	27.94	793	30	9.14	12	30.48	833	45	13.72	21	53.34
754	25	7.62	13	33.02	794	25	7.62	10	25.40	834	45	13.72	15	38.10
755	30	9.14	13	33.02	795	27	8.23	11	27.94	835	30	9.14	13	33.02
756	30	9.14	11	27.94	796	25	7.62	10	25.40	836	30	9.14	14	35.56
757	25	7.62	11	27.94	797	20	6.10	10	25.40	837	35	10.67	13	33.02
758	30	9.14	12	30.48	798	20	6.10	11	27.94	838	40	12.19	13	33.02
759	20	6.10	13	33.02	799	25	7.62	11	27.94	839	25	7.62	10	25.40
760	50	15.24	18	45.72	800	20	6.10	11	27.94	840	20	6.10	11	27.94

HOOMGARH

Shorea robusta/ (Sal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
841	30	9.14	11	27.94
842	25	7.62	14	35.56
843	30	9.14	12	30.48
844	20	6.10	11	27.94
845	30	9.14	10	25.40
846	25	7.62	11	27.94
847	30	9.14	12	30.48
848	50	15.24	26	66.04
849	50	15.24	21	53.34
850	25	7.62	10	25.40
851	50	15.24	22	55.88
852	35	10.67	14	35.56
853	20	6.10	11	27.94
854	20	6.10	11	27.94
855	20	6.10	11	27.94
856	20	6.10	11	27.94
857	35	10.67	12	30.48
858	40	12.19	20	50.80
859	25	7.62	11	27.94
860	30	9.14	12	30.48
861	30	9.14	11	27.94
862	25	7.62	10	25.40
863	20	6.10	11	27.94
864	30	9.14	12	30.48
865	25	7.62	11	27.94
866	25	7.62	12	30.48
867	30	9.14	11	27.94
868	20	6.10	11	27.94
869	25	7.62	12	30.48
870	25	7.62	11	27.94
871	20	6.10	10	25.40
872	25	7.62	10	25.40
873	20	6.10	10	25.40
874	30	9.14	12	30.48

Madhuca latifolia / (Mohua)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	20	50.80
2	15	4.57	11	27.94

Lannea coromandelica/ (Doka)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**30**	**9.14**	**20**	**50.80**

MATHA

Matha SP 1

***Shorea robusta* / (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	18	45.72	41	40	12.19	24	60.96	81	50	15.24	32	81.28
2	50	15.24	35	88.90	42	25	7.62	14	35.56	82	70	21.34	25	63.50
3	30	9.14	20	50.80	43	38	11.58	18	45.72	83	68	20.73	27	68.58
4	35	10.67	26	66.04	44	45	13.72	23	58.42	84	62	18.90	30	76.20
5	50	15.24	32	81.28	45	55	16.76	31	78.74	85	45	13.72	16	40.64
6	60	18.29	48	121.92	46	37	11.28	20	50.80	86	30	9.14	20	50.80
7	45	13.72	20	50.80	47	50	15.24	38	96.52	87	35	10.67	20	50.80
8	10	3.05	19	48.26	48	35	10.67	40	101.60	88	68	20.73	25	63.50
9	15	4.57	14	35.56	49	40	12.19	20	50.80	89	65	19.81	27	68.58
10	60	18.29	37	93.98	50	27	8.23	13	33.02	90	50	15.24	30	76.20
11	30	9.14	24	60.96	51	65	19.81	27	68.58	91	40	12.19	18	45.72
12	60	18.29	37	93.98	52	40	12.19	22	55.88	92	70	21.34	41	104.14
13	20	6.10	20	50.80	53	15	4.57	13	33.02	93	72	21.95	25	63.50
14	30	9.14	21	53.34	54	45	13.72	21	53.34	94	70	21.34	22	55.88
15	70	21.34	49	124.46	55	50	15.24	19	48.26	95	80	24.38	26	66.04
16	25	7.62	14	35.56	56	20	6.10	18	45.72	96	40	12.19	23	58.42
17	40	12.19	25	63.50	57	40	12.19	23	58.42	97	65	19.81	29	73.66
18	25	7.62	12	30.48	58	25	7.62	18	45.72	98	60	18.29	22	55.88
19	25	7.62	22	55.88	59	48	14.63	22	55.88	99	40	12.19	26	66.04
20	27	8.23	15	38.10	60	45	13.72	22	55.88	100	75	22.86	26	66.04
21	20	6.10	16	40.64	61	30	9.14	21	53.34	101	20	6.10	12	30.48
22	65	19.81	30	76.20	62	50	15.24	27	68.58	102	50	15.24	25	63.50
23	25	7.62	12	30.48	63	20	6.10	18	45.72	103	20	6.10	12	30.48
24	25	7.62	20	50.80	64	37	11.28	26	66.04	104	20	6.10	13	33.02
25	35	10.67	23	58.42	65	30	9.14	22	55.88	105	23	7.01	10	25.40
26	20	6.10	13	33.02	66	45	13.72	22	55.88	106	70	21.34	21	53.34
27	30	9.14	13	33.02	67	45	13.72	26	66.04	107	72	21.95	31	78.74
28	40	12.19	22	55.88	68	42	12.80	24	60.96	108	20	6.10	11	27.94
29	35	10.67	20	50.80	69	45	13.72	29	73.66	109	50	15.24	24	60.96
30	35	10.67	19	48.26	70	40	12.19	23	58.42	110	70	21.34	25	63.50
31	20	6.10	15	38.10	71	40	12.19	26	66.04	111	20	6.10	14	35.56
32	15	4.57	11	27.94	72	30	9.14	18	45.72	112	30	9.14	13	33.02
33	45	13.72	28	71.12	73	60	18.29	25	63.50	113	15	4.57	12	30.48
34	25	7.62	15	38.10	74	70	21.34	30	76.20	114	20	6.10	15	38.10
35	20	6.10	15	38.10	75	70	21.34	25	63.50	115	45	13.72	22	55.88
36	28	8.53	15	38.10	76	60	18.29	19	48.26	116	65	19.81	27	68.58
37	32	9.75	20	50.80	77	35	10.67	23	58.42	117	40	12.19	17	43.18
38	38	11.58	19	48.26	78	70	21.34	31	78.74	118	25	7.62	20	50.80
39	35	10.67	24	60.96	79	65	19.81	26	66.04	119	35	10.67	10	25.40
40	40	12.19	21	53.34	80	75	22.86	29	73.66	120	35	10.67	21	53.34

Shorea robusta / (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	25	7.62	13	33.02	161	20	6.10	14	35.56	201	40	12.19	18	45.72
122	40	12.19	21	53.34	162	20	6.10	12	30.48	202	25	7.62	26	66.04
123	55	16.76	23	58.42	163	40	12.19	21	53.34	203	20	6.10	13	33.02
124	60	18.29	21	53.34	164	65	19.81	25	63.50	204	30	9.14	14	35.56
125	35	10.67	14	35.56	165	25	7.62	20	50.80	205	70	21.34	37	93.98
126	40	12.19	24	60.96	166	40	12.19	22	55.88	206	70	21.34	30	76.20
127	22	6.71	10	25.40	167	40	12.19	22	55.88	207	35	10.67	20	50.80
128	25	7.62	12	30.48	168	45	13.72	24	60.96	208	40	12.19	22	55.88
129	60	18.29	23	58.42	169	71	21.64	29	73.66	209	40	12.19	18	45.72
130	15	4.57	10	25.40	170	80	24.38	27	68.58	210	60	18.29	22	55.88
131	20	6.10	12	30.48	171	45	13.72	20	50.80	211	27	8.23	14	35.56
132	70	21.34	30	76.20	172	25	7.62	13	33.02	212	75	22.86	31	78.74
133	65	19.81	22	55.88	173	82	24.99	26	66.04	213	50	15.24	23	58.42
134	65	19.81	26	66.04	174	22	6.71	11	27.94	214	20	6.10	12	30.48
135	40	12.19	19	48.26	175	50	15.24	25	63.50	215	64	19.51	29	73.66
136	67	20.42	21	53.34	176	20	6.10	10	25.40	216	25	7.62	12	30.48
137	15	4.57	13	33.02	177	15	4.57	10	25.40	217	20	6.10	13	33.02
138	40	12.19	18	45.72	178	70	21.34	26	66.04	218	20	6.10	13	33.02
139	60	18.29	27	68.58	179	25	7.62	15	38.10	219	26	7.92	11	27.94
140	20	6.10	14	35.56	180	50	15.24	30	76.20	220	65	19.81	23	58.42
141	60	18.29	24	60.96	181	80	24.38	29	73.66	221	26	7.92	12	30.48
142	55	16.76	24	60.96	182	20	6.10	13	33.02	222	80	24.38	55	139.70
143	60	18.29	21	53.34	183	55	16.76	25	63.50	223	26	7.92	13	33.02
144	27	8.23	14	35.56	184	45	13.72	22	55.88	224	35	10.67	21	53.34
145	50	15.24	12	30.48	185	50	15.24	20	50.80	225	35	10.67	21	53.34
146	40	12.19	20	50.80	186	50	15.24	21	53.34	226	30	9.14	14	35.56
147	30	9.14	12	30.48	187	70	21.34	45	114.30	227	15	4.57	12	30.48
148	20	6.10	12	30.48	188	60	18.29	27	68.58	228	65	19.81	27	68.58
149	35	10.67	14	35.56	189	45	13.72	23	58.42	229	20	6.10	14	35.56
150	55	16.76	22	55.88	190	20	6.10	12	30.48	230	25	7.62	15	38.10
151	40	12.19	19	48.26	191	25	7.62	15	38.10	231	40	12.19	22	55.88
152	15	4.57	10	25.40	192	55	16.76	24	60.96	232	32	9.75	14	35.56
153	20	6.10	12	30.48	193	30	9.14	16	40.64	233	45	13.72	22	55.88
154	65	19.81	23	58.42	194	65	19.81	21	53.34	234	25	7.62	10	25.40
155	70	21.34	30	76.20	195	15	4.57	10	25.40	235	20	6.10	10	25.40
156	70	21.34	25	63.50	196	70	21.34	22	55.88	236	30	9.14	10	25.40
157	15	4.57	11	27.94	197	25	7.62	11	27.94	237	15	4.57	12	30.48
158	71	21.64	26	66.04	198	32	9.75	23	58.42	238	60	18.29	22	55.88
159	20	6.10	12	30.48	199	15	4.57	13	33.02	239	55	16.76	25	63.50
160	35	10.67	22	55.88	200	20	6.10	15	38.10	240	80	24.38	32	81.28

Shorea robusta / (Sal)													
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
241	25	7.62	16	40.64	281	80	24.38	28	71.12	321	20	6.10	11	27.94
242	20	6.10	12	30.48	282	65	19.81	23	58.42	322	45	13.72	20	50.80
243	15	4.57	10	25.40	283	30	9.14	13	33.02	323	40	12.19	17	43.18
244	40	12.19	19	48.26	284	40	12.19	25	63.50	324	55	16.76	19	48.26
245	20	6.10	15	38.10	285	40	12.19	21	53.34	325	55	16.76	23	58.42
246	75	22.86	25	63.50	286	20	6.10	10	25.40	326	60	18.29	25	63.50
247	55	16.76	23	58.42	287	55	16.76	24	60.96	327	20	6.10	10	25.40
248	35	10.67	18	45.72	288	50	15.24	21	53.34	328	50	15.24	28	71.12
249	22	6.71	11	27.94	289	15	4.57	11	27.94	329	75	22.86	31	78.74
250	40	12.19	15	38.10	290	50	15.24	20	50.80	330	55	16.76	32	81.28
251	25	7.62	11	27.94	291	80	24.38	26	66.04	331	30	9.14	11	27.94
252	40	12.19	19	48.26	292	56	17.07	22	55.88	332	30	9.14	12	30.48
253	20	6.10	14	35.56	293	80	24.38	30	76.20	333	27	8.23	11	27.94
254	20	6.10	12	30.48	294	80	24.38	30	76.20	334	60	18.29	29	73.66
255	50	15.24	24	60.96	295	17	5.18	10	25.40	335	55	16.76	21	53.34
256	22	6.71	15	38.10	296	70	21.34	25	63.50	336	70	21.34	23	58.42
257	20	6.10	11	27.94	297	40	12.19	19	48.26	337	40	12.19	17	43.18
258	80	24.38	28	71.12	298	15	4.57	11	27.94	338	70	21.34	27	68.58
259	40	12.19	17	43.18	299	35	10.67	20	50.80	339	55	16.76	19	48.26
260	75	22.86	26	66.04	300	60	18.29	22	55.88	340	35	10.67	11	27.94
261	45	13.72	19	48.26	301	80	24.38	29	73.66	341	77	23.47	25	63.50
262	66	20.12	22	55.88	302	30	9.14	10	25.40	342	58	17.68	17	43.18
263	60	18.29	19	48.26	303	55	16.76	32	81.28	343	32	9.75	15	38.10
264	60	18.29	19	48.26	304	35	10.67	17	43.18	344	60	18.29	19	48.26
265	22	6.71	12	30.48	305	35	10.67	16	40.64	345	50	15.24	21	53.34
266	45	13.72	18	45.72	306	70	21.34	21	53.34	346	45	13.72	22	55.88
267	70	21.34	26	66.04	307	55	16.76	21	53.34	347	30	9.14	12	30.48
268	72	21.95	28	71.12	308	35	10.67	20	50.80	348	65	19.81	23	58.42
269	81	24.69	25	63.50	309	20	6.10	11	27.94	349	20	6.10	14	35.56
270	60	18.29	22	55.88	310	35	10.67	14	35.56	350	20	6.10	12	30.48
271	21	6.40	12	30.48	311	50	15.24	21	53.34	351	20	6.10	12	30.48
272	45	13.72	20	50.80	312	35	10.67	21	53.34	352	60	18.29	20	50.80
273	35	10.67	18	45.72	313	40	12.19	17	43.18	353	28	8.53	12	30.48
274	80	24.38	37	93.98	314	72	21.95	25	63.50	354	75	22.86	23	58.42
275	81	24.69	25	63.50	315	65	19.81	19	48.26	355	25	7.62	18	45.72
276	45	13.72	21	53.34	316	45	13.72	21	53.34	356	60	18.29	20	50.80
277	15	4.57	12	30.48	317	20	6.10	12	30.48	357	30	9.14	13	33.02
278	30	9.14	17	43.18	318	71	21.64	19	48.26	358	45	13.72	19	48.26
279	25	7.62	14	35.56	319	80	24.38	30	76.20	359	40	12.19	19	48.26
280	20	6.10	23	58.42	320	40	12.19	15	38.10	360	62	18.90	26	66.04

***Shorea robusta/* (Sal)**										***Terminalia tomentosa* / (Ason)**				
Sl. No	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**		**Sl. No**	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**		**(ft)**	**(m)**	**(inch)**	**(cm)**
361	32	9.75	14	35.56	401	20	6.10	12	30.48	1	35	10.67	27	68.58
362	30	9.14	11	27.94	402	70	21.34	26	66.04	2	45	13.72	23	58.42
363	62	18.90	26	66.04	403	51	15.54	22	55.88	3	40	12.19	25	63.50
364	22	6.71	12	30.48						4	40	12.19	16	40.64
365	30	9.14	13	33.02						5	35	10.67	21	53.34
366	80	24.38	25	63.50	***Semecarpas anacardium* / (Vella)**					6	32	9.75	24	60.96
367	30	9.14	12	30.48	**Sl. No**	**Height**		**Girth**		7	45	13.72	26	66.04
368	30	9.14	11	27.94		**(ft)**	**(m)**	**(inch)**	**(cm)**	8	33	10.06	17	43.18
369	40	12.19	19	48.26	1	25	7.62	20	50.80	9	35	10.67	22	55.88
370	30	9.14	15	38.10	2	30	9.14	17	43.18	10	20	6.10	16	40.64
371	30	9.14	14	35.56	3	20	6.10	14	35.56	11	45	13.72	22	55.88
372	55	16.76	22	55.88	4	25	7.62	18	45.72	12	30	9.14	15	38.10
373	35	10.67	13	33.02	5	30	9.14	15	38.10	13	40	12.19	24	60.96
374	40	12.19	22	55.88	6	22	6.71	13	33.02	14	30	9.14	20	50.80
375	30	9.14	10	25.40	7	32	9.75	18	45.72	15	60	18.29	22	55.88
376	70	21.34	32	81.28	8	15	4.57	10	25.40	16	35	10.67	19	48.26
377	80	24.38	29	73.66	9	22	6.71	21	53.34	17	35	10.67	18	45.72
378	35	10.67	18	45.72						18	30	9.14	18	45.72
379	20	6.10	14	35.56						19	50	15.24	19	48.26
380	23	7.01	13	33.02	***Syzygium jambolanum*/ (Jam/kada Jam/ BoroJam)**					20	35	10.67	24	60.96
381	32	9.75	12	30.48	**Sl. No**	**Height**		**Girth**		21	55	16.76	19	48.26
382	35	10.67	14	35.56		**(ft)**	**(m)**	**(inch)**	**(cm)**	22	61	18.59	21	53.34
383	20	6.10	11	27.94	1	27	8.23	22	55.88	23	45	13.72	17	43.18
384	30	9.14	11	27.94	2	32	9.75	25	63.50	24	35	10.67	19	48.26
385	35	10.67	16	40.64	3	38	11.58	22	55.88	25	40	12.19	19	48.26
386	35	10.67	15	38.10	4	40	12.19	20	50.80	26	35	10.67	22	55.88
387	27	8.23	11	27.94	5	60	18.29	39	99.06	27	35	10.67	18	45.72
388	30	9.14	20	50.80	6	38	11.58	26	66.04	28	40	12.19	21	53.34
389	30	9.14	17	43.18	7	45	13.72	31	78.74	29	35	10.67	13	33.02
390	20	6.10	12	30.48						30	55	16.76	26	66.04
391	25	7.62	11	27.94						31	70	21.34	21	53.34
392	25	7.62	12	30.48	***Lannea coromandelica* / (Geol/ Doka)**					32	55	16.76	18	45.72
393	45	13.72	22	55.88	**Sl. No**	**Height**		**Girth**		33	40	12.19	23	58.42
394	60	18.29	28	71.12		**(ft)**	**(m)**	**(inch)**	**(cm)**	34	40	12.19	20	50.80
395	81	24.69	33	83.82	1	33	10.06	33	83.82	35	45	13.72	17	43.18
396	27	8.23	15	38.10						36	60	18.29	22	55.88
397	30	9.14	11	27.94						37	45	13.72	20	50.80
398	20	6.10	11	27.94						38	60	18.29	21	53.34
399	28	8.53	12	30.48						39	35	10.67	16	40.64
400	40	12.19	19	48.26						40	20	6.10	18	45.72

MATHA

Terminalia tomentosa / (Ason)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
41	40	12.19	17	43.18
42	35	10.67	15	38.10
43	60	18.29	22	55.88
44	40	12.19	16	40.64
45	65	19.81	27	68.58
46	45	13.72	22	55.88
47	60	18.29	36	91.44
48	55	16.76	21	53.34
49	60	18.29	18	45.72
50	40	12.19	18	45.72
51	30	9.14	14	35.56
52	40	12.19	17	43.18
53	50	15.24	23	58.42
54	45	13.72	21	53.34
55	60	18.29	18	45.72
56	55	16.76	26	66.04
57	35	10.67	15	38.10
58	55	16.76	24	60.96
59	30	9.14	14	35.56
60	70	21.34	22	55.88

Careya arborea / (Kumbhi)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	15	4.57	13	33.02
2	60	18.29	22	55.88

Butea monosperma/ (Palash)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	12	3.66	19	48.26
2	32	9.75	33	83.82
3	15	4.57	12	30.48
4	12	3.66	12	30.48
5	12	3.66	16	40.64

Anogeissus latifolia / (Dhaw)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	22	6.71	44	111.76
2	60	18.29	23	58.42
3	70	21.34	28	71.12
4	40	12.19	21	53.34

Buchanania lanzan / (Piyal)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	35	10.67	23	58.42
2	30	9.14	21	53.34
3	30	9.14	21	53.34
4	15	4.57	21	53.34
5	35	10.67	25	63.50
6	45	13.72	26	66.04
7	45	13.72	22	55.88
8	25	7.62	17	43.18
9	40	12.19	24	60.96
10	25	7.62	18	45.72
11	25	7.62	15	38.10
12	45	13.72	30	76.20
13	40	12.19	27	68.58
14	40	12.19	21	53.34
15	35	10.67	23	58.42
16	50	15.24	28	71.12
17	25	7.62	19	48.26
18	40	12.19	20	50.80
19	30	9.14	16	40.64
20	25	7.62	20	50.80
21	35	10.67	20	50.80
22	50	15.24	35	88.90
23	55	16.76	23	58.42
24	25	7.62	22	55.88
25	50	15.24	26	66.04
26	55	16.76	20	50.80
27	50	15.24	21	53.34
28	35	10.67	19	48.26
29	40	12.19	18	45.72
30	55	16.76	27	68.58
31	62	18.90	30	76.20
32	20	6.10	12	30.48
33	35	10.67	18	45.72
34	55	16.76	27	68.58
35	35	10.67	18	45.72

Terminalia arjuna / (Arjun)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	30	9.14	17	43.18

Terminalia chebula / (Haritoki)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	35	10.67	17	43.18
2	20	6.10	18	45.72

Madhuca latifolia / (Mahua)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	45	13.72	22	55.88
2	15	4.57	11	27.94
3	30	9.14	20	50.80
4	22	6.71	20	50.80
5	35	10.67	19	48.26
6	25	7.62	13	33.02
7	40	12.19	22	55.88
8	35	10.67	22	55.88
9	45	13.72	24	60.96
10	45	13.72	19	48.26
11	50	15.24	30	76.20
12	35	10.67	17	43.18
13	30	9.14	25	63.50
14	30	9.14	15	38.10
15	35	10.67	15	38.10
16	35	10.67	19	48.26
17	20	6.10	17	43.18
18	25	7.62	17	43.18
19	50	15.24	20	50.80
20	20	6.10	12	30.48
21	35	10.67	14	35.56
22	35	10.67	18	45.72
23	40	12.19	26	66.04
24	55	16.76	29	73.66

Soymida febrifuga/ (Rahora)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	40	12.19	27	68.58
2	30	9.14	22	55.88
3	30	9.14	21	53.34
4	30	9.14	24	60.96
5	20	6.10	17	43.18
6	27	8.23	13	33.02

Terminalia bellirica/ (Bohera)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	40	12.19	18	45.72
2	70	21.34	20	50.80

MATHA

Matha SP 6

Shorea robusta / (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	28	71.12	41	50	15.24	35	88.90	81	75	22.86	31	78.74
2	35	10.67	18	45.72	42	35	10.67	27	68.58	82	20	6.10	10	25.40
3	55	16.76	24	60.96	43	15	4.57	10	25.40	83	28	8.53	12	30.48
4	60	18.29	23	58.42	44	18	5.49	11	27.94	84	27	8.23	11	27.94
5	35	10.67	18	45.72	45	65	19.81	27	68.58	85	22	6.71	10	25.40
6	37	11.28	20	50.80	46	18	5.49	10	25.40	86	55	16.76	20	50.80
7	70	21.34	27	68.58	47	50	15.24	23	58.42	87	65	19.81	22	55.88
8	40	12.19	16	40.64	48	70	21.34	27	68.58	88	25	7.62	10	25.40
9	45	13.72	26	66.04	49	18	5.49	22	55.88	89	25	7.62	11	27.94
10	65	19.81	26	66.04	50	22	6.71	13	33.02	90	22	6.71	11	27.94
11	47	14.33	30	76.20	51	27	8.23	10	25.40	91	18	5.49	12	30.48
12	65	19.81	25	63.50	52	18	5.49	10	25.40	92	20	6.10	12	30.48
13	17	5.18	10	25.40	53	36	10.97	21	53.34	93	50	15.24	38	96.52
14	25	7.62	15	38.10	54	71	21.64	28	71.12	94	36	10.97	23	58.42
15	35	10.67	22	55.88	55	90	27.43	45	114.30	95	30	9.14	10	25.40
16	40	12.19	30	76.20	56	22	6.71	11	27.94	96	17	5.18	15	38.10
17	65	19.81	20	50.80	57	35	10.67	24	60.96	97	50	15.24	27	68.58
18	35	10.67	20	50.80	58	45	13.72	26	66.04	98	36	10.97	21	53.34
19	32	9.75	18	45.72	59	52	15.85	34	86.36	99	35	10.67	23	58.42
20	40	12.19	20	50.80	60	15	4.57	11	27.94	100	50	15.24	20	50.80
21	28	8.53	15	38.10	61	70	21.34	29	73.66	101	45	13.72	24	60.96
22	35	10.67	20	50.80	62	40	12.19	31	78.74	102	55	16.76	26	66.04
23	38	11.58	19	48.26	63	20	6.10	11	27.94	103	27	8.23	11	27.94
24	42	12.80	32	81.28	64	30	9.14	15	38.10	104	35	10.67	18	45.72
25	40	12.19	18	45.72	65	55	16.76	23	58.42	105	19	5.79	10	25.40
26	55	16.76	19	48.26	66	25	7.62	13	33.02	106	35	10.67	20	50.80
27	22	6.71	13	33.02	67	22	6.71	10	25.40	107	40	12.19	20	50.80
28	42	12.80	20	50.80	68	40	12.19	24	60.96	108	70	21.34	22	55.88
29	60	18.29	21	53.34	69	70	21.34	28	71.12	109	27	8.23	11	27.94
30	42	12.80	23	58.42	70	22	6.71	10	25.40	110	35	10.67	18	45.72
31	55	16.76	24	60.96	71	22	6.71	10	25.40	111	50	15.24	20	50.80
32	60	18.29	29	73.66	72	15	4.57	14	35.56	112	56	17.07	24	60.96
33	25	7.62	13	33.02	73	52	15.85	36	91.44	113	60	18.29	20	50.80
34	35	10.67	19	48.26	74	65	19.81	28	71.12	114	75	22.86	39	99.06
35	75	22.86	28	71.12	75	42	12.80	26	66.04	115	40	12.19	18	45.72
36	70	21.34	29	73.66	76	18	5.49	10	25.40	116	40	12.19	19	48.26
37	83	25.30	34	86.36	77	69	21.03	30	76.20	117	65	19.81	29	73.66
38	82	24.99	32	81.28	78	20	6.10	10	25.40	118	75	22.86	27	68.58
39	22	6.71	12	30.48	79	55	16.76	24	60.96	119	55	16.76	32	81.28
40	82	24.99	30	76.20	80	52	15.85	36	91.44	120	60	18.29	22	55.88

Shorea robusta / (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	70	21.34	40	101.60	161	30	9.14	19	48.26	201	40	12.19	20	50.80
122	30	9.14	19	48.26	162	25	7.62	15	38.10	202	35	10.67	18	45.72
123	60	18.29	24	60.96	163	30	9.14	21	53.34	203	45	13.72	24	60.96
124	70	21.34	20	50.80	164	35	10.67	21	53.34	204	45	13.72	24	60.96
125	70	21.34	41	104.14	165	40	12.19	21	53.34	205	40	12.19	24	60.96
126	55	16.76	25	63.50	166	46	14.02	20	50.80	206	70	21.34	22	55.88
127	40	12.19	19	48.26	167	45	13.72	19	48.26	207	45	13.72	19	48.26
128	45	13.72	20	50.80	168	40	12.19	32	81.28	208	35	10.67	21	53.34
129	40	12.19	18	45.72	169	45	13.72	20	50.80	209	45	13.72	21	53.34
130	32	9.75	20	50.80	170	55	16.76	29	73.66	210	55	16.76	23	58.42
131	45	13.72	23	58.42	171	55	16.76	25	63.50	211	25	7.62	15	38.10
132	70	21.34	30	76.20	172	50	15.24	24	60.96	212	55	16.76	28	71.12
133	40	12.19	25	63.50	173	20	6.10	10	25.40	213	35	10.67	17	43.18
134	65	19.81	27	68.58	174	35	10.67	20	50.80	214	45	13.72	19	48.26
135	35	10.67	19	48.26	175	40	12.19	20	50.80	215	35	10.67	17	43.18
136	60	18.29	26	66.04	176	50	15.24	22	55.88	216	45	13.72	20	50.80
137	45	13.72	24	60.96	177	45	13.72	21	53.34	217	40	12.19	24	60.96
138	40	12.19	20	50.80	178	47	14.33	21	53.34	218	35	10.67	21	53.34
139	35	10.67	25	63.50	179	45	13.72	18	45.72	219	45	13.72	27	68.58
140	55	16.76	21	53.34	180	40	12.19	20	50.80	220	40	12.19	27	68.58
141	63	19.20	23	58.42	181	55	16.76	22	55.88	221	40	12.19	22	55.88
142	32	9.75	18	45.72	182	45	13.72	18	45.72	222	60	18.29	30	76.20
143	70	21.34	28	71.12	183	50	15.24	22	55.88	223	40	12.19	18	45.72
144	68	20.73	24	60.96	184	35	10.67	18	45.72	224	55	16.76	24	60.96
145	35	10.67	21	53.34	185	35	10.67	14	35.56	225	45	13.72	29	73.66
146	35	10.67	18	45.72	186	60	18.29	32	81.28	226	55	16.76	31	78.74
147	40	12.19	10	25.40	187	48	14.63	24	60.96	227	25	7.62	11	27.94
148	45	13.72	20	50.80	188	35	10.67	17	43.18	228	30	9.14	17	43.18
149	45	13.72	16	40.64	189	35	10.67	18	45.72	229	25	7.62	12	30.48
150	30	9.14	20	50.80	190	40	12.19	18	45.72	230	65	19.81	35	88.90
151	45	13.72	20	50.80	191	35	10.67	18	45.72	231	25	7.62	17	43.18
152	55	16.76	20	50.80	192	40	12.19	18	45.72	232	25	7.62	16	40.64
153	15	4.57	10	25.40	193	35	10.67	17	43.18	233	28	8.53	18	45.72
154	25	7.62	10	25.40	194	50	15.24	25	63.50	234	20	6.10	13	33.02
155	55	16.76	25	63.50	195	60	18.29	32	81.28	235	18	5.49	10	25.40
156	50	15.24	24	60.96	196	30	9.14	14	35.56	236	40	12.19	24	60.96
157	50	15.24	22	55.88	197	25	7.62	14	35.56	237	45	13.72	23	58.42
158	55	16.76	22	55.88	198	30	9.14	16	40.64	238	20	6.10	10	25.40
159	50	15.24	22	55.88	199	35	10.67	19	48.26	239	60	18.29	27	68.58
160	20	6.10	12	30.48	200	45	13.72	20	50.80	240	35	10.67	19	48.26

MATHA

Shorea robusta / (Sal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
241	50	15.24	24	60.96
242	25	7.62	22	55.88
243	28	8.53	11	27.94
244	15	4.57	11	27.94
245	45	13.72	21	53.34
246	45	13.72	20	50.80
247	50	15.24	26	66.04
248	50	15.24	25	63.50
249	45	13.72	20	50.80
250	23	7.01	10	25.40

Madhuca latifolia / (Mahua)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	28	71.12
2	35	10.67	19	48.26
3	30	9.14	32	81.28

Aegle mermalos / (Bel)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	14	35.56

Tectona grandis / (Teak/Segun)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	30	76.20
2	20	6.10	10	25.40
3	20	6.10	11	27.94
4	30	9.14	11	27.94
5	30	9.14	21	53.34
6	20	6.10	11	27.94
7	25	7.62	19	48.26
8	25	7.62	17	43.18
9	20	6.10	14	35.56
10	25	7.62	19	48.26
11	25	7.62	14	35.56

Buchanania lanzan / (Piyal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	28	71.12
2	45	13.72	22	55.88
3	40	12.19	35	88.90
4	35	10.67	27	68.58
5	40	12.19	25	63.50
6	32	9.75	23	58.42
7	40	12.19	20	50.80
8	45	13.72	33	83.82
9	65	19.81	35	88.90
10	45	13.72	25	63.50
11	25	7.62	13	33.02
12	40	12.19	23	58.42
13	42	12.80	22	55.88
14	30	9.14	14	35.56
15	45	13.72	23	58.42
16	45	13.72	22	55.88
17	45	13.72	24	60.96
18	45	13.72	22	55.88
19	50	15.24	25	63.50
20	32	9.75	19	48.26
21	68	20.73	46	116.84
22	32	9.75	21	53.34
23	35	10.67	17	43.18
24	30	9.14	19	48.26
25	25	7.62	18	45.72
26	30	9.14	20	50.80
27	35	10.67	19	48.26
28	25	7.62	13	33.02
29	25	7.62	15	38.10
30	40	12.19	21	53.34
31	35	10.67	27	68.58
32	20	6.10	17	43.18
33	45	13.72	24	60.96
34	25	7.62	15	38.10
35	30	9.14	14	35.56
36	45	13.72	24	60.96
37	40	12.19	26	66.04
38	25	7.62	22	55.88
39	25	7.62	20	50.80
40	25	7.62	22	55.88

Buchanania lanzan / (Piyal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	55	16.76	28	71.12
42	25	7.62	17	43.18
43	25	7.62	19	48.26
44	20	6.10	21	53.34
45	30	9.14	24	60.96
46	25	7.62	19	48.26
47	30	9.14	25	63.50
48	60	18.29	34	86.36

Soymida febrifuga / (Rahora)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**55**	**16.76**	**26**	**66.04**

Butea monosperma / (Palash)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	34	86.36
2	11	3.35	11	27.94
3	35	10.67	28	71.12
4	20	6.10	22	55.88
5	24	7.32	19	48.26
6	40	12.19	32	81.28
7	26	7.92	33	83.82
8	20	6.10	29	73.66
9	30	9.14	35	88.90
10	15	4.57	25	63.50
11	45	13.72	44	111.76
12	15	4.57	10	25.40
13	10	3.05	20	50.80
14	10	3.05	11	27.94
15	15	4.57	14	35.56

Terminalia tomentosa / (Ason)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	20	50.80
2	53	16.15	37	93.98
3	50	15.24	32	81.28
4	35	10.67	23	58.42
5	42	12.80	29	73.66
6	36	10.97	22	55.88
7	40	12.19	23	58.42
8	45	13.72	31	78.74
9	65	19.81	31	78.74
10	45	13.72	21	53.34
11	45	13.72	24	60.96
12	50	15.24	40	101.60
13	40	12.19	22	55.88
14	32	9.75	22	55.88
15	45	13.72	33	83.82
16	70	21.34	25	63.50
17	45	13.72	28	71.12
18	45	13.72	17	43.18
19	70	21.34	45	114.30
20	40	12.19	17	43.18
21	63	19.20	27	68.58
22	45	13.72	18	45.72
23	63	19.20	30	76.20
24	50	15.24	19	48.26
25	30	9.14	23	58.42
26	50	15.24	22	55.88
27	45	13.72	18	45.72
28	35	10.67	17	43.18
29	30	9.14	18	45.72
30	60	18.29	24	60.96
31	55	16.76	26	66.04
32	60	18.29	28	71.12
33	25	7.62	14	35.56
34	40	12.19	23	58.42
35	50	15.24	22	55.88

Sterospermum suaveolens / (Parul)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88
2	38	11.58	21	53.34

Terminalia arjuna / (Arjun)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	20	50.8

Terminalia chebula / (Haritoki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	24	60.96

Anogeissus latifolia / (Dhaw)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	34	10.36	24	60.96

Terminalia bellirica/ (Bohera)				
	Height		Girth	
Sl. No	(ft)	(m)	(inch)	(cm)
1	55	16.76	28	71.12
2	52	15.85	23	58.42

Careya arborea / (Kumbhi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.1	15	38.1

MATHA

Matha SP 7

Shorea robusta / (Sal)														
Sl. No	Height		Girth			Height		Girth			Height		Girth	
	(ft)	(m)	(inch)	(cm)	Sl. No	(ft)	(m)	(inch)	(cm)	Sl. No	(ft)	(m)	(inch)	(cm)
1	50	15.24	28	71.12	41	50	15.24	24	60.96	81	55	16.76	28	71.12
2	45	13.72	22	55.88	42	25	7.62	10	25.40	82	52	15.85	26	66.04
3	40	12.19	22	55.88	43	15	4.57	10	25.40	83	45	13.72	25	63.50
4	18	5.49	10	25.40	44	35	10.67	20	50.80	84	20	6.10	10	25.40
5	45	13.72	22	55.88	45	25	7.62	11	27.94	85	20	6.10	10	25.40
6	47	14.33	20	50.80	46	25	7.62	12	30.48	86	50	15.24	27	68.58
7	25	7.62	11	27.94	47	20	6.10	10	25.40	87	50	15.24	24	60.96
8	50	15.24	36	91.44	48	60	18.29	26	66.04	88	20	6.10	10	25.40
9	40	12.19	14	35.56	49	20	6.10	10	25.40	89	22	6.71	11	27.94
10	40	12.19	22	55.88	50	25	7.62	10	25.40	90	20	6.10	11	27.94
11	50	15.24	28	71.12	51	18	5.49	10	25.40	91	23	7.01	11	27.94
12	50	15.24	21	53.34	52	50	15.24	24	60.96	92	45	13.72	22	55.88
13	40	12.19	23	58.42	53	47	14.33	28	71.12	93	60	18.29	29	73.66
14	50	15.24	26	66.04	54	20	6.10	10	25.40	94	25	7.62	11	27.94
15	25	7.62	11	27.94	55	50	15.24	29	73.66	95	20	6.10	10	25.40
16	20	6.10	10	25.40	56	60	18.29	26	66.04	96	20	6.10	11	27.94
17	52	15.85	27	68.58	57	22	6.71	11	27.94	97	20	6.10	13	33.02
18	40	12.19	20	50.80	58	20	6.10	10	25.40	98	50	15.24	21	53.34
19	25	7.62	11	27.94	59	60	18.29	28	71.12	99	25	7.62	12	30.48
20	55	16.76	30	76.20	60	20	6.10	10	25.40	100	22	6.71	10	25.40
21	35	10.67	22	55.88	61	36	10.97	23	58.42	101	25	7.62	12	30.48
22	25	7.62	10	25.40	62	20	6.10	13	33.02	102	25	7.62	11	27.94
23	52	15.85	24	60.96	63	32	9.75	24	60.96	103	22	6.71	12	30.48
24	45	13.72	27	68.58	64	40	12.19	27	68.58	104	20	6.10	10	25.40
25	18	5.49	10	25.40	65	20	6.10	10	25.40	105	20	6.10	11	27.94
26	50	15.24	22	55.88	66	60	18.29	32	81.28	106	20	6.10	11	27.94
27	52	15.85	23	58.42	67	25	7.62	11	27.94	107	35	10.67	20	50.80
28	25	7.62	11	27.94	68	20	6.10	10	25.40	108	45	13.72	23	58.42
29	25	7.62	12	30.48	69	45	13.72	20	50.80	109	20	6.10	10	25.40
30	45	13.72	22	55.88	70	20	6.10	10	25.40	110	20	6.10	10	25.40
31	20	6.10	10	25.40	71	40	12.19	24	60.96	111	25	7.62	11	27.94
32	50	15.24	27	68.58	72	50	15.24	22	55.88	112	25	7.62	12	30.48
33	20	6.10	10	25.40	73	45	13.72	25	63.50	113	20	6.10	11	27.94
34	45	13.72	24	60.96	74	50	15.24	25	63.50	114	28	8.53	19	48.26
35	50	15.24	23	58.42	75	50	15.24	32	81.28	115	15	4.57	11	27.94
36	27	8.23	10	25.40	76	25	7.62	10	25.40	116	45	13.72	23	58.42
37	18	5.49	10	25.40	77	25	7.62	12	30.48	117	55	16.76	30	76.20
38	20	6.10	10	25.40	78	45	13.72	28	71.12	118	20	6.10	10	25.40
39	25	7.62	12	30.48	79	27	8.23	11	27.94	119	50	15.24	23	58.42
40	18	5.49	10	25.40	80	20	6.10	20	50.80	120	17	5.18	10	25.40

Shorea robusta/ (Sal)										*Madhuca latifolia*/ (Mahua)				
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	45	13.72	22	55.88	161	35	10.67	16	40.64	1	50	15.24	33	83.82
122	50	15.24	27	68.58	162	45	13.72	22	55.88	2	45	13.72	23	58.42
123	45	13.72	36	91.44	163	75	22.86	23	58.42	3	37	11.28	23	58.42
124	52	15.85	25	63.50	164	40	12.19	17	43.18	4	50	15.24	27	68.58
125	40	12.19	24	60.96	165	27	8.23	10	25.40	5	32	9.75	21	53.34
126	28	8.53	20	50.80	166	20	6.10	18	45.72	6	45	13.72	30	76.20
127	40	12.19	21	53.34	167	60	18.29	19	48.26	7	50	15.24	33	83.82
128	50	15.24	25	63.50	168	50	15.24	17	43.18	8	15	4.57	24	60.96
129	25	7.62	10	25.40	169	60	18.29	19	48.26	9	42	12.80	21	53.34
130	22	6.71	10	25.40	170	20	6.10	12	30.48	10	30	9.14	22	55.88
131	25	7.62	15	38.10	171	40	12.19	20	50.80	11	25	7.62	30	76.20
132	25	7.62	12	30.48	172	18	5.49	10	25.40	12	25	7.62	23	58.42
133	50	15.24	25	63.50	173	40	12.19	21	53.34	13	40	12.19	21	53.34
134	27	8.23	11	27.94	174	50	15.24	20	50.80	14	26	7.92	17	43.18
135	40	12.19	17	43.18	175	20	6.10	11	27.94	15	40	12.19	19	48.26
136	27	8.23	11	27.94	176	70	21.34	32	81.28	16	20	6.10	15	38.10
137	27	8.23	11	27.94	177	30	9.14	11	27.94	17	32	9.75	15	38.10
138	20	6.10	10	25.40	178	15	4.57	10	25.40	18	22	6.71	21	53.34
139	70	21.34	35	88.90	179	35	10.67	20	50.80	19	42	12.80	26	66.04
140	65	19.81	23	58.42	180	60	18.29	20	50.80					
141	55	16.76	21	53.34	181	27	8.23	10	25.40					
142	33	10.06	19	48.26	182	55	16.76	22	55.88	*Terminalia bellirica*/ (Bohera)				
143	60	18.29	23	58.42	183	20	6.10	10	25.40	Sl. No	Height		Girth	
144	55	16.76	23	58.42	184	40	12.19	23	58.42		(ft)	(m)	(inch)	(cm)
145	60	18.29	22	55.88	185	20	6.10	11	27.94	1	27	8.23	22	55.88
146	45	13.72	22	55.88	186	20	6.10	11	27.94	2	53	16.15	15	38.10
147	30	9.14	20	50.80						3	30	9.14	14	35.56
148	35	10.67	20	50.80						4	50	15.24	27	68.58
149	50	15.24	21	53.34	*Butea monosperma* / (Palash)					5	45	13.72	18	45.72
150	30	9.14	19	48.26	Sl. No	Height		Girth		6	15	4.57	10	25.40
151	20	6.10	15	38.10		(ft)	(m)	(inch)	(cm)					
152	60	18.29	22	55.88	1	10	3.05	10	25.40					
153	45	13.72	22	55.88	2	18	5.49	20	50.80	*Scleichera oleosa* / (Kusum)				
154	70	21.34	28	71.12	3	25	7.62	11	27.94	Sl. No	Height		Girth	
155	50	15.24	20	50.80							(ft)	(m)	(inch)	(cm)
156	30	9.14	10	25.40						1	42	12.80	32	81.28
157	45	13.72	22	55.88	*Albizia lebbeck* / (Siris)									
158	40	12.19	21	53.34		Height		Girth						
159	70	21.34	20	50.80	Sl. No	(ft)	(m)	(inch)	(cm)					
160	40	12.19	18	45.72	1	80	24.38	51	129.54					

***Buchanania lanzan* / (Piyal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	40	12.19	26	66.04	41	55	16.76	30	76.20	81	55	16.76	23	58.42
2	38	11.58	26	66.04	42	40	12.19	25	63.50	82	20	6.10	15	38.10
3	32	9.75	14	35.56	43	25	7.62	20	50.80	83	50	15.24	25	63.50
4	45	13.72	26	66.04	44	25	7.62	17	43.18	84	25	7.62	15	38.10
5	45	13.72	26	66.04	45	45	13.72	19	48.26	85	25	7.62	14	35.56
6	45	13.72	16	40.64	46	35	10.67	23	58.42	86	30	9.14	20	50.80
7	45	13.72	22	55.88	47	34	10.36	22	55.88	87	45	13.72	22	55.88
8	45	13.72	22	55.88	48	40	12.19	32	81.28	88	50	15.24	25	63.50
9	45	13.72	27	68.58	49	40	12.19	33	83.82	89	40	12.19	23	58.42
10	30	9.14	22	55.88	50	60	18.29	30	76.20	90	35	10.67	18	45.72
11	45	13.72	22	55.88	51	45	13.72	26	66.04	91	35	10.67	21	53.34
12	27	8.23	14	35.56	52	35	10.67	12	30.48	92	40	12.19	21	53.34
13	52	15.85	28	71.12	53	35	10.67	22	55.88	93	35	10.67	22	55.88
14	45	13.72	19	48.26	54	42	12.80	27	68.58	94	20	6.10	17	43.18
15	35	10.67	21	53.34	55	47	14.33	26	66.04	95	22	6.71	17	43.18
16	35	10.67	14	35.56	56	35	10.67	24	60.96	96	28	8.53	15	38.10
17	32	9.75	28	71.12	57	30	9.14	20	50.80	97	40	12.19	27	68.58
18	30	9.14	20	50.80	58	50	15.24	20	50.80	98	30	9.14	25	63.50
19	27	8.23	14	35.56	59	55	16.76	32	81.28					
20	50	15.24	24	60.96	60	35	10.67	21	53.34					
21	35	10.67	22	55.88	61	45	13.72	29	73.66					
22	28	8.53	18	45.72	62	40	12.19	20	50.80					
23	55	16.76	36	91.44	63	40	12.19	25	63.50					
24	55	16.76	35	88.90	64	43	13.11	26	66.04					
25	45	13.72	27	68.58	65	30	9.14	16	40.64					
26	30	9.14	14	35.56	66	35	10.67	21	53.34					
27	35	10.67	24	60.96	67	45	13.72	23	58.42					
28	30	9.14	21	53.34	68	40	12.19	26	66.04					
29	35	10.67	22	55.88	69	35	10.67	23	58.42					
30	40	12.19	27	68.58	70	30	9.14	20	50.80					
31	35	10.67	22	55.88	71	40	12.19	21	53.34					
32	42	12.80	23	58.42	72	38	11.58	27	68.58					
33	45	13.72	26	66.04	73	35	10.67	22	55.88					
34	52	15.85	33	83.82	74	25	7.62	21	53.34					
35	40	12.19	18	45.72	75	45	13.72	29	73.66					
36	35	10.67	22	55.88	76	40	12.19	37	93.98					
37	45	13.72	23	58.42	77	28	8.53	19	48.26					
38	50	15.24	23	58.42	78	40	12.19	35	88.90					
39	50	15.24	27	68.58	79	45	13.72	33	83.82					
40	50	15.24	25	63.50	80	55	16.76	25	63.50					

***Syzygium jambolanum*/ (Jam/kada Jam/ BoroJam)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**65**	19.81	40	101.60
2	**35**	10.67	42	106.68

***Lannea coromandelica* / (Geol/ Doka)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	17	43.18

***Careya arborea* / (Kumbhi)**

Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10

Terminalia tomentosa / (Ason)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	45	13.72	30	76.20
3	28	8.53	13	33.02
4	45	13.72	27	68.58
5	45	13.72	23	58.42
6	52	15.85	24	60.96
7	50	15.24	19	48.26
8	35	10.67	23	58.42
9	18	5.49	10	25.40
10	35	10.67	20	50.80
11	36	10.97	22	55.88
12	40	12.19	23	58.42
13	40	12.19	27	68.58
14	45	13.72	19	48.26
15	52	15.85	30	76.20
16	60	18.29	28	71.12
17	45	13.72	30	76.20
18	50	15.24	36	91.44
19	60	18.29	33	83.82
20	40	12.19	33	83.82
21	35	10.67	17	43.18
22	40	12.19	17	43.18
23	50	15.24	32	81.28
24	25	7.62	11	27.94
25	55	16.76	32	81.28
26	50	15.24	30	76.20
27	40	12.19	36	91.44
28	37	11.28	27	68.58
29	65	19.81	40	101.60
30	60	18.29	32	81.28
31	50	15.24	23	58.42
32	25	7.62	20	50.80
33	45	13.72	25	63.50
34	55	16.76	26	66.04
35	25	7.62	16	40.64
36	45	13.72	23	58.42
37	30	9.14	21	53.34
38	55	16.76	22	55.88
39	60	18.29	24	60.96

MATHA

Matha SP 9

***Shorea robusta* / (Sal)**

Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	55	16.76	24	60.96	41	50	15.24	22	55.88	81	45	13.72	22	55.88
2	15	4.57	11	27.94	42	50	15.24	31	78.74	82	22	6.71	11	27.94
3	18	5.49	11	27.94	43	35	10.67	20	50.80	83	20	6.10	11	27.94
4	22	6.71	11	27.94	44	70	21.34	26	66.04	84	65	19.81	30	76.20
5	17	5.18	10	25.40	45	70	21.34	25	63.50	85	70	21.34	24	60.96
6	22	6.71	11	27.94	46	30	9.14	15	38.10	86	70	21.34	23	58.42
7	40	12.19	22	55.88	47	70	21.34	27	68.58	87	70	21.34	38	96.52
8	30	9.14	11	27.94	48	70	21.34	30	76.20	88	22	6.71	11	27.94
9	55	16.76	42	106.68	49	45	13.72	25	63.50	89	15	4.57	10	25.40
10	27	8.23	10	25.40	50	70	21.34	22	55.88	90	18	5.49	12	30.48
11	55	16.76	37	93.98	51	70	21.34	25	63.50	91	22	6.71	11	27.94
12	20	6.10	10	25.40	52	45	13.72	16	40.64	92	15	4.57	12	30.48
13	60	18.29	24	60.96	53	45	13.72	23	58.42	93	27	8.23	11	27.94
14	40	12.19	22	55.88	54	45	13.72	25	63.50	94	15	4.57	11	27.94
15	40	12.19	24	60.96	55	50	15.24	21	53.34	95	65	19.81	27	68.58
16	15	4.57	10	25.40	56	70	21.34	23	58.42	96	15	4.57	10	25.40
17	22	6.71	11	27.94	57	50	15.24	22	55.88	97	24	7.32	10	25.40
18	60	18.29	29	73.66	58	45	13.72	22	55.88	98	80	24.38	27	68.58
19	70	21.34	30	76.20	59	40	12.19	24	60.96	99	35	10.67	20	50.80
20	20	6.10	12	30.48	60	50	15.24	22	55.88	100	22	6.71	12	30.48
21	55	16.76	27	68.58	61	55	16.76	33	83.82	101	20	6.10	14	35.56
22	45	13.72	21	53.34	62	40	12.19	25	63.50	102	27	8.23	11	27.94
23	18	5.49	10	25.40	63	45	13.72	22	55.88	103	45	13.72	26	66.04
24	65	19.81	32	81.28	64	32	9.75	19	48.26	104	20	6.10	10	25.40
25	30	9.14	14	35.56	65	40	12.19	23	58.42	105	80	24.38	22	55.88
26	50	15.24	25	63.50	66	30	9.14	39	99.06	106	18	5.49	10	25.40
27	55	16.76	30	76.20	67	70	21.34	27	68.58	107	22	6.71	11	27.94
28	60	18.29	20	50.80	68	23	7.01	18	45.72	108	15	4.57	11	27.94
29	65	19.81	21	53.34	69	15	4.57	10	25.40	109	30	9.14	13	33.02
30	60	18.29	30	76.20	70	50	15.24	28	71.12	110	15	4.57	10	25.40
31	40	12.19	22	55.88	71	30	9.14	21	53.34	111	15	4.57	10	25.40
32	50	15.24	20	50.80	72	20	6.10	11	27.94	112	22	6.71	11	27.94
33	50	15.24	23	58.42	73	65	19.81	23	58.42	113	20	6.10	10	25.40
34	50	15.24	25	63.50	74	40	12.19	23	58.42	114	20	6.10	11	27.94
35	65	19.81	32	81.28	75	80	24.38	33	83.82	115	50	15.24	27	68.58
36	50	15.24	26	66.04	76	27	8.23	13	33.02	116	30	9.14	11	27.94
37	50	15.24	22	55.88	77	20	6.10	10	25.40	117	55	16.76	29	73.66
38	45	13.72	22	55.88	78	22	6.71	11	27.94	118	17	5.18	10	25.40
39	15	4.57	10	25.40	79	40	12.19	30	76.20	119	60	18.29	29	73.66
40	55	16.76	29	73.66	80	30	9.14	13	33.02	120	40	12.19	22	55.88

Shorea robusta / (Sal)														
Sl. No	Height		Girth		Sl. No	Height		Girth		Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	20	6.10	11	27.94	161	38	11.58	25	63.50	201	50	15.24	28	71.12
122	45	13.72	25	63.50	162	35	10.67	24	60.96	202	50	15.24	20	50.80
123	30	9.14	19	48.26	163	80	24.38	37	93.98	203	25	7.62	12	30.48
124	40	12.19	25	63.50	164	25	7.62	18	45.72	204	52	15.85	29	73.66
125	70	21.34	30	76.20	165	82	24.99	33	83.82	205	20	6.10	10	25.40
126	80	24.38	31	78.74	166	20	6.10	11	27.94	206	75	22.86	40	101.60
127	70	21.34	33	83.82	167	60	18.29	27	68.58	207	20	6.10	10	25.40
128	40	12.19	19	48.26	168	25	7.62	10	25.40	208	20	6.10	10	25.40
129	30	9.14	18	45.72	169	40	12.19	23	58.42	209	15	4.57	11	27.94
130	50	15.24	26	66.04	170	72	21.95	27	68.58	210	50	15.24	23	58.42
131	30	9.14	12	30.48	171	27	8.23	12	30.48	211	20	6.10	10	25.40
132	45	13.72	26	66.04	172	25	7.62	11	27.94	212	25	7.62	10	25.40
133	27	8.23	15	38.10	173	72	21.95	32	81.28	213	48	14.63	32	81.28
134	50	15.24	26	66.04	174	25	7.62	15	38.10	214	65	19.81	24	60.96
135	22	6.71	11	27.94	175	50	15.24	27	68.58	215	22	6.71	13	33.02
136	40	12.19	24	60.96	176	52	15.85	27	68.58	216	52	15.85	20	50.80
137	15	4.57	10	25.40	177	55	16.76	31	78.74	217	45	13.72	34	86.36
138	30	9.14	12	30.48	178	20	6.10	10	25.40	218	75	22.86	42	106.68
139	26	7.92	12	30.48	179	25	7.62	10	25.40	219	50	15.24	37	93.98
140	20	6.10	11	27.94	180	20	6.10	10	25.40	220	75	22.86	32	81.28
141	20	6.10	12	30.48	181	27	8.23	19	48.26	221	55	16.76	34	86.36
142	50	15.24	24	60.96	182	23	7.01	12	30.48	222	56	17.07	34	86.36
143	30	9.14	10	25.40	183	22	6.71	10	25.40	223	20	6.10	12	30.48
144	60	18.29	26	66.04	184	25	7.62	13	33.02	224	55	16.76	38	96.52
145	40	12.19	24	60.96	185	20	6.10	10	25.40	225	65	19.81	32	81.28
146	18	5.49	12	30.48	186	20	6.10	10	25.40	226	40	12.19	36	91.44
147	17	5.18	10	25.40	187	20	6.10	10	25.40	227	22	6.71	11	27.94
148	45	13.72	24	60.96	188	70	21.34	34	86.36	228	55	16.76	23	58.42
149	30	9.14	11	27.94	189	20	6.10	10	25.40	229	28	8.53	12	30.48
150	50	15.24	22	55.88	190	45	13.72	18	45.72	230	22	6.71	10	25.40
151	35	10.67	26	66.04	191	25	7.62	12	30.48	231	20	6.10	10	25.40
152	50	15.24	24	60.96	192	20	6.10	10	25.40	232	20	6.10	10	25.40
153	45	13.72	24	60.96	193	20	6.10	10	25.40	233	65	19.81	32	81.28
154	45	13.72	24	60.96	194	42	12.80	27	68.58	234	20	6.10	10	25.40
155	25	7.62	14	35.56	195	45	13.72	23	58.42	235	25	7.62	12	30.48
156	22	6.71	10	25.40	196	25	7.62	10	25.40	236	26	7.92	12	30.48
157	25	7.62	11	27.94	197	35	10.67	22	55.88	237	20	6.10	11	27.94
158	45	13.72	25	63.50	198	53	16.15	27	68.58	238	20	6.10	10	25.40
159	40	12.19	24	60.96	199	60	18.29	35	88.90	239	22	6.71	10	25.40
160	15	4.57	11	27.94	200	50	15.24	27	68.58	240	20	6.10	10	25.40

Shorea robusta / (Sal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
241	26	7.92	12	30.48
242	20	6.10	10	25.40
243	30	9.14	16	40.64
244	35	10.67	28	71.12
245	27	8.23	11	27.94
246	20	6.10	10	25.40
247	42	12.80	26	66.04
248	65	19.81	42	106.68
249	42	12.80	24	60.96
250	65	19.81	32	81.28
251	42	12.80	20	50.80
252	55	16.76	25	63.50
253	55	16.76	34	86.36
254	75	22.86	59	149.86
255	75	22.86	32	81.28
256	25	7.62	10	25.40
257	75	22.86	53	134.62

Terminalia tomentosa / (Ason)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88
2	70	21.34	32	81.28
3	70	21.34	25	63.50
4	57	17.37	29	73.66
5	70	21.34	36	91.44
6	70	21.34	31	78.74
7	25	7.62	18	45.72
8	45	13.72	24	60.96
9	60	18.29	23	58.42
10	45	13.72	30	76.20
11	40	12.19	20	50.80
12	30	9.14	17	43.18
13	55	16.76	25	63.50
14	30	9.14	24	60.96

Terminalia bellirica/ (Bohera)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	16	40.64
2	40	12.19	22	55.88

Terminalia chebula / (Haritoki)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	21	53.34
2	28	8.53	12	30.48

Buchanania lanzan / (Piyal)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	38	96.52
2	65	19.81	32	81.28
3	40	12.19	34	86.36
4	22	6.71	28	71.12
5	25	7.62	20	50.80
6	35	10.67	24	60.96
7	30	9.14	28	71.12
8	40	12.19	20	50.80
9	55	16.76	29	73.66
10	45	13.72	21	53.34
11	40	12.19	26	66.04
12	45	13.72	20	50.80
13	45	13.72	21	53.34
14	30	9.14	15	38.10
15	50	15.24	25	63.50
16	55	16.76	23	58.42
17	32	9.75	22	55.88
18	40	12.19	25	63.50
19	30	9.14	22	55.88
20	27	8.23	22	55.88
21	35	10.67	23	58.42
22	40	12.19	25	63.50
23	35	10.67	23	58.42
24	45	13.72	25	63.50
25	40	12.19	25	63.50
26	35	10.67	28	71.12
27	45	13.72	32	81.28
28	60	18.29	30	76.20
29	45	13.72	24	60.96

Diospyros excelsa / (Kendu)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**15**	**4.57**	**10**	**25.40**

Butea monosperma / (Palash)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	45	114.30
2	28	8.53	29	73.66
3	35	10.67	46	116.84
4	40	12.19	38	96.52
5	10	3.05	10	25.40

Careya arborea / (Kumbhi)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	38.10
2	30	9.14	22	55.88
3	30	9.14	20	50.80
4	35	10.67	17	43.18

Madhuca latifolia / (Mahua)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	35	88.90
2	50	15.24	32	81.28
3	35	10.67	16	40.64
4	35	10.67	20	50.80
5	65	19.81	31	78.74
6	40	12.19	20	50.80
7	45	13.72	30	76.20
8	50	15.24	34	86.36
9	28	8.53	28	71.12
10	65	19.81	32	81.28
11	35	10.67	32	81.28
12	45	13.72	40	101.60

Lannea coromandelica/ (Geol/ Doka)				
Sl. No	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	19	48.26
2	35	10.67	23	58.42

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Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94	41	22	6.71	10	25.40	81	22	6.71	10	25.40
2	22	6.71	11	27.94	42	17	5.18	10	25.40	82	22	6.71	10	25.40
3	20	6.10	10	25.40	43	22	6.71	11	27.94	83	20	6.10	12	30.48
4	20	6.10	10	25.40	44	52	15.85	35	88.90	84	40	12.19	28	71.12
5	22	6.71	12	30.48	45	50	15.24	22	55.88	85	50	15.24	22	55.88
6	23	7.01	10	25.40	46	20	6.10	10	25.40	86	25	7.62	12	30.48
7	25	7.62	10	25.40	47	17	5.18	12	30.48	87	20	6.10	10	25.40
8	16	4.88	10	25.40	48	20	6.10	10	25.40	88	20	6.10	10	25.40
9	25	7.62	11	27.94	49	20	6.10	10	25.40	89	25	7.62	11	27.94
10	17	5.18	10	25.40	50	52	15.85	28	71.12	90	25	7.62	12	30.48
11	20	6.10	12	30.48	51	25	7.62	10	25.40	91	17	5.18	10	25.40
12	25	7.62	12	30.48	52	50	15.24	32	81.28	92	65	19.81	25	63.50
13	20	6.10	10	25.40	53	20	6.10	12	30.48	93	60	18.29	24	60.96
14	26	7.92	12	30.48	54	17	5.18	10	25.40	94	18	5.49	10	25.40
15	20	6.10	11	27.94	55	25	7.62	12	30.48	95	20	6.10	10	25.40
16	25	7.62	11	27.94	56	22	6.71	10	25.40	96	17	5.18	10	25.40
17	22	6.71	10	25.40	57	18	5.49	10	25.40	97	45	13.72	24	60.96
18	22	6.71	10	25.40	58	18	5.49	9	22.86	98	17	5.18	10	25.40
19	24	7.32	11	27.94	59	20	6.10	9	22.86	99	16	4.88	10	25.40
20	42	12.80	26	66.04	60	10	3.05	8	20.32	100	25	7.62	11	27.94
21	50	15.24	24	60.96	61	20	6.10	10	25.40	101	70	21.34	26	66.04
22	20	6.10	10	25.40	62	56	17.07	28	71.12	102	20	6.10	11	27.94
23	20	6.10	10	25.40	63	25	7.62	12	30.48	103	20	6.10	10	25.40
24	20	6.10	10	25.40	64	53	16.15	36	91.44	104	20	6.10	11	27.94
25	22	6.71	10	25.40	65	55	16.76	30	76.20	105	20	6.10	10	25.40
26	50	15.24	28	71.12	66	25	7.62	12	30.48	106	18	5.49	10	25.40
27	25	7.62	11	27.94	67	50	15.24	28	71.12	107	20	6.10	10	25.40
28	45	13.72	20	50.80	68	28	8.53	16	40.64	108	20	6.10	10	25.40
29	25	7.62	10	25.40	69	20	6.10	8	20.32	109	25	7.62	10	25.40
30	20	6.10	10	25.40	70	20	6.10	10	25.40	110	25	7.62	12	30.48
31	17	5.18	10	25.40	71	18	5.49	10	25.40	111	20	6.10	10	25.40
32	50	15.24	20	50.80	72	55	16.76	28	71.12	112	40	12.19	21	53.34
33	25	7.62	11	27.94	73	17	5.18	10	25.40	113	55	16.76	32	81.28
34	50	15.24	32	81.28	74	25	7.62	12	30.48	114	20	6.10	10	25.40
35	25	7.62	13	33.02	75	20	6.10	10	25.40	115	50	15.24	26	66.04
36	22	6.71	10	25.40	76	20	6.10	10	25.40	116	40	12.19	27	68.58
37	20	6.10	10	25.40	77	20	6.10	12	30.48	117	30	9.14	12	30.48
38	16	4.88	10	25.40	78	17	5.18	11	27.94	118	18	5.49	10	25.40
39	40	12.19	26	66.04	79	35	10.67	22	55.88	119	17	5.18	10	25.40
40	22	6.71	10	25.40	80	17	5.18	10	25.40	120	17	5.18	10	25.40

Shorea robusta / (Sal)														
Sl. No.	Height		Girth		Sl. No.	Height		Girth		Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
121	20	6.10	10	25.40	161	55	16.76	28	71.12	201	50	15.24	23	58.42
122	25	7.62	13	33.02	162	32	9.75	11	27.94	202	75	22.86	36	91.44
123	20	6.10	10	25.40	163	30	9.14	11	27.94	203	81	24.69	33	83.82
124	18	5.49	10	25.40	164	25	7.62	11	27.94	204	75	22.86	30	76.20
125	25	7.62	12	30.48	165	32	9.75	12	30.48	205	22	6.71	11	27.94
126	23	7.01	10	25.40	166	28	8.53	11	27.94	206	30	9.14	11	27.94
127	25	7.62	12	30.48	167	25	7.62	10	25.40	207	43	13.11	49	124.46
128	20	6.10	10	25.40	168	32	9.75	12	30.48	208	80	24.38	18	45.72
129	22	6.71	12	30.48	169	30	9.14	10	25.40	209	28	8.53	11	27.94
130	18	5.49	10	25.40	170	20	6.10	10	25.40	210	30	9.14	10	25.40
131	35	10.67	19	48.26	171	27	8.23	10	25.40	211	50	15.24	21	53.34
132	20	6.10	10	25.40	172	40	12.19	22	55.88	212	75	22.86	32	81.28
133	30	9.14	11	27.94	173	27	8.23	10	25.40	213	20	6.10	10	25.40
134	30	9.14	15	38.10	174	70	21.34	34	86.36	214	70	21.34	26	66.04
135	30	9.14	11	27.94	175	32	9.75	11	27.94	215	30	9.14	10	25.40
136	40	12.19	23	58.42	176	30	9.14	10	25.40	216	60	18.29	21	53.34
137	30	9.14	10	25.40	177	65	19.81	27	68.58	217	20	6.10	11	27.94
138	28	8.53	10	25.40	178	27	8.23	10	25.40	218	62	18.90	32	81.28
139	15	4.57	10	25.40	179	32	9.75	13	33.02	219	72	21.95	31	78.74
140	28	8.53	10	25.40	180	85	25.91	41	104.14	220	63	19.20	21	53.34
141	25	7.62	10	25.40	181	30	9.14	11	27.94	221	64	19.51	26	66.04
142	68	20.73	26	66.04	182	25	7.62	10	25.40	222	69	21.03	31	78.74
143	20	6.10	11	27.94	183	50	15.24	23	58.42	223	20	6.10	10	25.40
144	30	9.14	10	25.40	184	30	9.14	11	27.94	224	30	9.14	11	27.94
145	28	8.53	10	25.40	185	28	8.53	11	27.94	225	50	15.24	25	63.50
146	30	9.14	10	25.40	186	28	8.53	10	25.40	226	55	16.76	27	68.58
147	20	6.10	10	25.40	187	30	9.14	10	25.40	227	25	7.62	11	27.94
148	25	7.62	10	25.40	188	30	9.14	18	45.72	228	20	6.10	11	27.94
149	25	7.62	12	30.48	189	84	25.60	44	111.76	229	70	21.34	25	63.50
150	28	8.53	16	40.64	190	30	9.14	12	30.48	230	68	20.73	19	48.26
151	40	12.19	23	58.42	191	32	9.75	12	30.48	231	20	6.10	10	25.40
152	30	9.14	11	27.94	192	27	8.23	10	25.40	232	62	18.90	21	53.34
153	55	16.76	26	66.04	193	20	6.10	10	25.40	233	28	8.53	12	30.48
154	40	12.19	22	55.88	194	19	5.79	10	25.40	234	28	8.53	11	27.94
155	50	15.24	44	111.76	195	29	8.84	10	25.40	235	22	6.71	11	27.94
156	25	7.62	11	27.94	196	45	13.72	23	58.42	236	20	6.10	11	27.94
157	28	8.53	10	25.40	197	20	6.10	11	27.94	237	56	17.07	26	66.04
158	45	13.72	21	53.34	198	70	21.34	49	124.46	238	20	6.10	12	30.48
159	28	8.53	10	25.40	199	32	9.75	13	33.02	239	45	13.72	22	55.88
160	30	9.14	11	27.94	200	20	6.10	10	25.40	240	25	7.62	10	25.40

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Shorea robusta / (Sal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
241	20	6.10	10	25.40
242	29	8.84	10	25.40
243	45	13.72	28	71.12
244	55	16.76	35	88.90
245	30	9.14	11	27.94
246	28	8.53	10	25.40
247	19	5.79	10	25.40
248	32	9.75	15	38.10
249	50	15.24	22	55.88
250	30	9.14	11	27.94
251	28	8.53	10	25.40

Terminalia tomentosa / (Ason)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	17	43.18
2	50	15.24	34	86.36
3	35	10.67	18	45.72
4	45	13.72	20	50.80
5	35	10.67	23	58.42
6	50	15.24	25	63.50
7	50	15.24	20	50.80
8	60	18.29	35	88.90
9	45	13.72	19	48.26
10	70	21.34	28	71.12
11	25	7.62	20	50.80
12	30	9.14	20	50.80
13	62	18.90	33	83.82
14	61	18.59	31	78.74
15	52	15.85	26	66.04
16	72	21.95	31	78.74

Madhuca latifolia / (Mahua)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	30	76.20
2	45	13.72	35	88.90
3	50	15.24	30	76.20

Buchanania lanzan / (Piyal)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	27	68.58
2	35	10.67	26	66.04
3	60	18.29	35	88.90
4	50	15.24	30	76.20
5	65	19.81	40	101.60
6	70	21.34	35	88.90
7	60	18.29	35	88.90
8	50	15.24	25	63.50
9	30	9.14	17	43.18
10	45	13.72	31	78.74
11	40	12.19	40	101.60
12	75	22.86	37	93.98
13	35	10.67	24	60.96
14	55	16.76	29	73.66
15	45	13.72	32	81.28
16	40	12.19	24	60.96

Lannea coromandelica / (Geol/ Doka)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	24	60.96
2	20	6.10	20	50.80

Careya arborea / (Kumbhi)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	13	33.02
2	30	9.14	24	60.96

Butea monosperma / (Palash)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	16	40.64
2	15	4.57	18	45.72
3	20	6.10	13	33.02
4	45	13.72	49	124.46

Terminalia bellirica/ (Bohera)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	21	53.34
2	70	21.34	19	48.26
3	50	15.24	25	63.50
4	50	15.24	24	60.96

Terminalia chebula / (Haritoki)				
Sl. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	23	58.42
2	68	20.73	26	66.04

NORTH BENGAL PLAINS

SEALDOBA

Sealdoba SP 1

Dillenia pentagyna / (TATARI/RAY)					*Duabanga grandiflora* / (LAMPATE)					*Schima wallichii* / (CHILAUNEY/CHILONI)				
SL NO	Height		Girth		SL NO	Height		Girth		SL NO	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	33	83.82	1	80	24.38	34	86.36	1	120	36.58	94	238.76
2	105	32.00	30	76.20	2	65	19.81	20	50.80	2	110	33.53	60	152.40
3	20	6.10	10	25.40	3	30	9.14	18	45.72	3	85	25.91	43	109.22
4	20	6.10	22	55.88	4	100	30.48	48	121.92	4	80	24.38	50	127.00
5	30	9.14	36	91.44	5	25	7.62	19	48.26	5	110	33.53	54	137.16
6	15	4.57	13	33.02	6	20	6.10	24	60.96	6	120	36.58	130	330.20
7	55	16.76	24	60.96	7	12	3.66	16	40.64	7	120	36.58	74	187.96
8	50	15.24	35	88.90	8	60	18.29	32	81.28	8	100	30.48	64	162.56
9	65	19.81	47	119.38	9	95	28.96	32	81.28	9	100	30.48	45	114.30
10	30	9.14	14	35.56	10	80	24.38	38	96.52	10	140	42.67	120	304.80
11	70	21.34	21	53.34	11	45	13.72	37	93.98	11	52	15.85	35	88.90
12	20	6.10	20	50.80	12	70	21.34	33	83.82	12	150	45.72	110	279.40
13	40	12.19	20	50.80	13	110	33.53	60	152.40	13	140	42.67	120	304.80
14	90	27.43	25	63.50	14	90	27.43	38	96.52	14	150	45.72	120	304.80
15	85	25.91	45	114.30	15	25	7.62	10	25.40	15	40	12.19	16	40.64
16	120	36.58	68	172.72	16	25	7.62	12	30.48	16	100	30.48	35	88.90
					17	25	7.62	12	30.48					

Neolamarckia cadamba/ (KADAM)					*Azadirachta indica*/ (NEEM)					*Albizia chinensis*/ (SIRISH)				
SL.NO.	Height		Girth		SL.NO	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	110	33.53	36	91.44	1	25	7.62	18	45.72	1	40	12.19	17	43.18

Gmelina arborea/ (GAMAR/GAMARI)					*Ficus geniculata*/ (FUTKOL)					*Phyllanthus emblica*/ (AMLOKI)				
SL.NO	Height		Girth		SL.NO	Height		Girth		SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		Height		Girth	
1	110	33.53	38	96.52	1	70	21.34	66	167.64	1	30	9.14	13	33.02

SEALDOBA

***Amoora wallichii* / (DOODH LALI/LALI)**

SL NO	Height		Girth	
	ft	m	inch	cm
1	110	33.53	54	137.16
2	75	22.86	35	88.90
3	80	24.38	36	91.44
4	45	13.72	30	76.20
5	35	10.67	14	35.56
6	25	7.62	10	25.40
7	120	36.58	70	177.80
8	60	18.29	34	86.36
9	90	27.43	50	127.00
10	40	12.19	26	66.04
11	125	38.10	80	203.20
12	30	9.14	27	68.58
13	30	9.14	12	30.48
14	30	9.14	27	68.58
15	35	10.67	16	40.64
16	80	24.38	41	104.14
17	110	33.53	55	139.70

***Syzygium jambolanum* / (SADA JAM/PANI JAM/MAINA JAMUN)**

SL NO	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	70	21.34	30	76.20
3	35	10.67	10	25.40
4	36	10.97	32	81.28
5	30	9.14	26	66.04
6	50	15.24	42	106.68
7	40	12.19	16	40.64
8	48	14.63	16	40.64
9	42	12.80	15	38.10
10	40	12.19	10	25.40
11	40	12.19	22	55.88
12	15	4.57	11	27.94
13	120	36.58	60	152.40
14	110	33.53	46	116.84
15	60	18.29	37	93.98

***Syzygium cumini* / (JAM/KALO JAM/LAL JAM)**

SL NO	Height		Girth	
	ft	m	inch	cm
1	35	10.67	32	81.28
2	120	36.58	40	101.60
3	85	25.91	72	182.88
4	60	18.29	25	63.50
5	45	13.72	32	81.28
6	50	15.24	15	38.10
7	70	21.34	50	127.00
8	25	7.62	15	38.10

***Chukrasia tabularis*/ (CHIKRASI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	60	152.40
2	30	9.14	16	40.64
3	30	9.14	21	53.34

***Oroxylum indicum*/ (TOTOLA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	38.10

***Terminalia crenulata*/ (PAKASAL/AKASAJ)**

SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	40	101.60

***Dysoxylum binectarifolium* / (LAHASUNE)**

SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	26	66.04

***Stereospermum tetragonum* / (PARARI)**

SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	30	76.20

***Magnolia champaca* / (CHAAMP)**

SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	95	28.96	44	111.76
2	25	7.62	10	25.40
3	40	12.19	18	45.72
4	120	36.58	47	119.38
5	100	30.48	52	132.08
6	80	24.38	30	76.20

SEALDOBA

Castanopsis hystrix / (KATUS)				
SL NO	Height		Girth	
	ft	m	inch	cm
1	40	12.19	20	50.80
2	80	24.38	100	254.00
3	80	24.38	57	144.78
4	50	15.24	34	86.36
5	55	16.76	76	193.04
6	60	18.29	42	106.68
7	30	9.14	30	76.20
8	85	25.91	72	182.88
9	60	18.29	40	101.60
10	40	12.19	40	101.60
11	95	28.96	64	162.56
12	120	36.58	56	142.24
13	70	21.34	28	71.12
14	40	12.19	18	45.72
15	30	9.14	18	45.72
16	110	33.53	86	218.44
17	60	18.29	23	58.42
18	40	12.19	24	60.96
19	50	15.24	46	116.84
20	40	12.19	28	71.12
21	40	12.19	13	33.02
22	60	18.29	37	93.98
23	80	24.38	35	88.90
24	75	22.86	50	127.00
25	30	9.14	18	45.72

Ficus carica / (DUMBER)				
SL NO	Height		Girth	
	ft	m	inch	cm
1	80	24.38	64	162.56

Litsea monopetala / (KULKULI/KUTMIRO)				
SL NO	Height		Girth	
	ft	m	inch	cm
1	110	33.53	76	193.04
2	80	24.38	45	114.30

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	30	76.20
2	30	9.14	27	68.58
3	35	10.67	16	40.64
4	55	16.76	22	55.88

Dillenia indica / (CHALTA/PACHKOL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	33	83.82
2	80	24.38	50	127.00
3	30	9.14	10	25.40
4	30	9.14	12	30.48
5	35	10.67	10	25.40
6	30	9.14	10	25.40

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	13	33.02
2	15	4.57	12	30.48
3	20	6.10	10	25.40
4	30	9.14	10	25.40
5	35	10.67	10	25.40
6	35	10.67	15	38.10

Terminalia bellirica / (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	14	35.56
2	100	30.48	47	119.38
3	30	9.14	13	33.02
4	50	15.24	19	48.26
5	35	10.67	14	35.56
6	50	15.24	20	50.80
7	50	15.24	17	43.18
8	20	6.10	12	30.48

Terminalia arjuna / (ARJUN)				
SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	17	43.18
2	30	9.14	13	33.02
3	45	13.72	20	50.80
4	60	18.29	24	60.96

Sterculia villosa / (UDLA/ODAL)				
SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	104	264.16

SEALDOBA

Alstonia scholaris / (CHATIYAN)				
SL NO	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	22	6.71	10	25.40
3	25	7.62	13	33.02
4	67	20.42	36	91.44

Shorea robusta/ (SAL)				
SL NO	Height		Girth	
	ft	m	inch	cm
2	140	42.67	90	228.60
3	110	33.53	60	152.40
4	160	48.77	120	304.80

Artocarpus chaplasha / (LATER)				
SL NO	Height		Girth	
	ft	m	inch	cm
1	115	35.05	220	558.80
2	140	42.67	100	254.00
3	110	33.53	56	142.24
4	112	34.14	80	203.20
5	120	36.58	55	139.70
6	115	35.05	60	152.40

Casearia vareca / (SADA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	82	208.28
2	50	15.24	26	66.04
3	35	10.67	15	38.10
4	30	9.14	20	50.80
5	80	24.38	30	76.20
6	100	30.48	56	142.24
7	108	32.92	52	132.08
8	70	21.34	21	53.34

Bischofia javanica / (KAINJAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	43	109.22
2	40	12.19	28	71.12
3	70	21.34	47	119.38

Elaeocarpus serratus / (JALPAI)				
SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	120	36.58	42	106.68
3	120	36.58	60	152.40
4	90	27.43	60	152.40
5	80	24.38	42	106.68
6	70	21.34	36	91.44
7	82	24.99	40	101.60
8	60	18.29	30	76.20
9	70	21.34	22	55.88
10	80	24.38	52	132.08

Lagerstroemia speciosa / (JARUL)				
SL.NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	60	152.40
2	20	6.10	16	40.64
3	130	39.62	120	304.80
4	50	15.24	25	63.50
5	110	33.53	80	203.20

SEALDOBA

Sealdoba SP 2

Firmiana colorata / (PHIRPHIREY)					*Firmiana colorata* / (PHIRPHIREY)					*Syzygium jambolanum* / (SADA JAM/PANIJAM/MAINA JAMUN)				
SL.NO.	Height		GBH		SL.NO.	Height		GBH		SL.NO.	Height		GBH	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	29	73.66	51	100	30.48	51	129.54	1	30	9.14	22	55.88
2	30	9.14	18	45.72	52	25	7.62	16	40.64	2	30	9.14	10	25.40
3	25	7.62	17	43.18	53	60	18.29	33	83.82	3	40	12.19	32	81.28
4	25	7.62	12	30.48	54	40	12.19	22	55.88	4	120	36.58	42	106.68
5	20	6.10	15	38.10	55	65	19.81	40	101.60	5	100	30.48	23	58.42
6	40	12.19	33	83.82	56	50	15.24	36	91.44	6	60	18.29	32	81.28
7	60	18.29	37	93.98	57	30	9.14	17	43.18	7	50	15.24	32	81.28
8	60	18.29	25	63.50	58	30	9.14	13	33.02	8	50	15.24	36	91.44
9	40	12.19	26	66.04	59	70	21.34	55	139.70	9	60	18.29	42	106.68
10	65	19.81	37	93.98	60	50	15.24	30	76.20	10	35	10.67	14	35.56
11	50	15.24	27	68.58	61	90	27.43	30	76.20	11	50	15.24	32	81.28
12	70	21.34	66	167.64	62	80	24.38	60	152.40	12	50	15.24	39	99.06
13	20	6.10	17	43.18	63	80	24.38	53	134.62	13	40	12.19	22	55.88
14	25	7.62	19	48.26	64	50	15.24	30	76.20	14	30	9.14	12	30.48
15	15	4.57	12	30.48	65	50	15.24	27	68.58	15	50	15.24	37	93.98
16	25	7.62	12	30.48	66	35	10.67	24	60.96	16	20	6.10	13	33.02
17	100	30.48	77	195.58	67	50	15.24	34	86.36	17	40	12.19	22	55.88
18	90	27.43	48	121.92	68	40	12.19	18	45.72	18	45	13.72	37	93.98
19	15	4.57	18	45.72	69	50	15.24	27	68.58	19	30	9.14	10	25.40
20	40	12.19	24	60.96	70	50	15.24	25	63.50	20	60	18.29	55	139.70
21	50	15.24	37	93.98	71	50	15.24	49	124.46	21	40	12.19	22	55.88
22	30	9.14	13	33.02	72	40	12.19	32	81.28	22	50	15.24	17	43.18
23	55	16.76	29	73.66	73	60	18.29	40	101.60	23	50	15.24	40	101.60
24	60	18.29	52	132.08	74	80	24.38	54	137.16	24	60	18.29	45	114.30
25	40	12.19	18	45.72	75	50	15.24	36	91.44	25	50	15.24	52	132.08
26	60	18.29	33	83.82	76	80	24.38	40	101.60	26	40	12.19	25	63.50
27	50	15.24	44	111.76	77	60	18.29	40	101.60	27	60	18.29	56	142.24
28	70	21.34	37	93.98	78	60	18.29	30	76.20	28	50	15.24	44	111.76
29	30	9.14	11	27.94	79	40	12.19	26	66.04	29	45	13.72	52	132.08
30	40	12.19	26	66.04	80	50	15.24	31	78.74	30	40	12.19	50	127.00
31	20	6.10	12	30.48	81	110	33.53	65	165.10	31	30	9.14	25	63.50
32	30	9.14	10	25.40	82	30	9.14	10	25.40	32	50	15.24	32	81.28
33	40	12.19	27	68.58	83	60	18.29	30	76.20	33	50	15.24	47	119.38
34	100	30.48	70	177.80	84	60	18.29	41	104.14	34	90	27.43	53	134.62
35	60	18.29	39	99.06	85	70	21.34	32	81.28	35	35	10.67	20	50.80
36	80	24.38	40	101.60	86	100	30.48	70	177.80	36	30	9.14	12	30.48
37	50	15.24	27	68.58	87	80	24.38	67	170.18	37	30	9.14	23	58.42
38	80	24.38	72	182.88	88	70	21.34	30	76.20	38	60	18.29	50	127.00
39	60	18.29	52	132.08	89	40	12.19	18	45.72	39	50	15.24	28	71.12
40	60	18.29	36	91.44	90	60	18.29	35	88.90	40	25	7.62	25	63.50
41	40	12.19	20	50.80						41	40	12.19	32	81.28
42	45	13.72	26	66.04						42	40	12.19	33	83.82
43	50	15.24	38	96.52	*Casearia vareca*/ (SADA LALI)					43	30	9.14	12	30.48
44	45	13.72	42	106.68	SL.NO.	Height		GBH		44	30	9.14	11	27.94
45	50	15.24	37	93.98		ft	m	inch	cm	45	25	7.62	12	30.48
46	50	15.24	33	83.82	1	60	18.29	13	33.02	46	70	21.34	40	101.60
47	60	18.29	26	66.04	2	50	15.24	28	71.12	47	70	21.34	49	124.46
48	50	15.24	28	71.12	3	90	27.43	50	127.00	48	20	6.10	10	25.40
49	60	18.29	41	104.14	4	70	21.34	43	109.22	49	15	4.57	11	27.94
50	65	19.81	41	104.14						50	25	7.62	29	73.66

SEALDOBA

***Syzygium jambolanum/* (SADA JAM/PANIJAM/MAINA JAMUN)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
51	30	9.14	10	25.40
52	20	6.10	11	27.94
53	30	9.14	17	43.18
54	25	7.62	14	35.56
55	20	6.10	13	33.02
56	40	12.19	15	38.10
57	20	6.10	10	25.40
58	20	6.10	12	30.48
59	35	10.67	15	38.10
60	40	12.19	22	55.88
61	30	9.14	11	27.94
62	60	18.29	35	88.90

***Callicarpa arborea/* (BOGDO/KHODO/GOYLO)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	25	7.62	23	58.42

***Uvaria hamiltonii* / (TILBIRIYO/CHILBERIO)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	20	6.10	17	43.18
2	30	9.14	14	35.56
3	20	6.10	12	30.48
4	25	7.62	13	33.02
5	30	9.14	16	40.64
6	20	6.10	12	30.48
7	30	9.14	14	35.56
8	40	12.19	19	48.26
9	20	6.10	10	25.40
10	40	12.19	15	38.10
11	35	10.67	20	50.80
12	30	9.14	11	27.94
13	50	15.24	23	58.42
14	30	9.14	12	30.48
15	45	13.72	33	83.82
16	40	12.19	28	71.12
17	30	9.14	11	27.94
18	40	12.19	15	38.10
19	40	12.19	20	50.80

***Sterculia villosa* / (UDLA/ODAL)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	65	19.81	41	104.14

***Amoora wallichii/* (DOODH LALI/LALI)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	40	12.19	49	124.46
2	40	12.19	29	73.66
3	30	9.14	16	40.64
4	40	12.19	13	33.02
5	40	12.19	34	86.36
6	30	9.14	13	33.02
7	50	15.24	21	53.34
8	35	10.67	11	27.94
9	30	9.14	12	30.48
10	50	15.24	24	60.96
11	70	21.34	39	99.06
12	50	15.24	34	86.36
13	100	30.48	60	152.40
14	40	12.19	15	38.10
15	30	9.14	15	38.10
16	70	21.34	40	101.60
17	60	18.29	49	124.46
18	70	21.34	60	152.40
19	70	21.34	40	101.60
20	40	12.19	43	109.22
21	40	12.19	22	55.88
22	30	9.14	30	76.20

***Baccaurea ramiflora/* (KUSUM/LOTKA/NOTKO)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	30	9.14	16	40.64
3	30	9.14	14	35.56
4	25	7.62	10	25.40
5	20	6.10	15	38.10
6	20	6.10	18	45.72
7	30	9.14	15	38.10
8	30	9.14	11	27.94
9	20	6.10	15	38.10
10	70	21.34	32	81.28
11	30	9.14	15	38.10
12	20	6.10	12	30.48
13	15	4.57	11	27.94
14	30	9.14	20	50.80

***Lagerstroemia speciosa/* (JARUL)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	35	10.67	14	35.56
2	50	15.24	28	71.12
3	50	15.24	24	60.96
4	60	18.29	32	81.28
5	75	22.86	40	101.6

***Terminalia bellirica* / (BAHERA)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	45	13.72	44	111.76
2	70	21.34	25	63.50
3	60	18.29	30	76.20
4	100	30.48	45	114.30

***Schima wallichii/* (CHILAUNEY/CHILONI)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	50	15.24	50	127.00
2	120	36.58	110	279.40
3	90	27.43	47	119.38
4	130	39.62	79	200.66
5	100	30.48	61	154.94
6	50	15.24	60	152.40
7	120	36.58	96	243.84
8	100	30.48	50	127.00
9	110	33.53	92	233.68
10	130	39.62	92	233.68
11	45	13.72	25	63.50
12	30	9.14	19	48.26
13	50	15.24	35	88.90
14	100	30.48	120	304.80
15	100	30.48	59	149.86
16	70	21.34	87	220.98
17	40	12.19	20	50.80
18	70	21.34	39	99.06
19	45	13.72	22	55.88
20	50	15.24	23	58.42
21	50	15.24	34	86.36
22	100	30.48	80	203.20
23	120	36.58	80	203.20
24	120	36.58	72	182.88
25	100	30.48	80	203.20

***Lagerstroemia parviflora/* (BAAJE/SIDHA)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	15	4.57	11	27.94

***Careya arborea/* (KUMBHI)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	25	7.62	15	38.10

***Dillenia indica/* (CHALTA/PACHKOL)**

SL.NO.	Height		GBH	
	ft	m	inch	cm
1	60	18.29	24	60.96

SEALDOBA

Castanopsis hystrix / (KATUS)										*Duabanga grandiflora* / (LAMPATE)				
SL.NO.	Height		GBH		SL.NO.	Height		GBH		SL.NO.	Height		GBH	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	80	24.38	48	121.92	52	30	9.14	15	38.10	1	30	9.14	13	33.02
2	60	18.29	30	76.20	53	30	9.14	10	25.40	2	30	9.14	15	38.10
3	35	10.67	10	25.40	54	60	18.29	40	101.60	3	40	12.19	14	35.56
4	35	10.67	12	30.48	55	65	19.81	41	104.14	4	40	12.19	32	81.28
5	100	30.48	97	246.38	56	60	18.29	32	81.28	5	50	15.24	40	101.60
6	100	30.48	105	266.70	57	40	12.19	35	88.90	6	15	4.57	20	50.80
7	40	12.19	15	38.10	58	50	15.24	40	101.60	7	50	15.24	30	76.20
8	50	15.24	58	147.32	59	30	9.14	12	30.48	8	40	12.19	30	76.20
9	50	15.24	44	111.76						9	40	12.19	29	73.66
10	45	13.72	31	78.74						10	50	15.24	31	78.74
11	40	12.19	22	55.88	*Shorea robusta*/ (SAL)					11	60	18.29	30	76.20
12	30	9.14	10	25.40	SL.NO.	Height		GBH		12	60	18.29	16	40.64
13	40	12.19	30	76.20		ft	m	inch	cm	13	30	9.14	11	27.94
14	80	24.38	102	259.08	1	140	42.67	140	355.60	14	30	9.14	11	27.94
15	60	18.29	36	91.44	2	60	18.29	33	83.82	15	30	9.14	12	30.48
16	50	15.24	45	114.30	3	120	36.58	107	271.78	16	30	9.14	11	27.94
17	65	19.81	55	139.70	4	130	39.62	91	231.14	17	30	9.14	15	38.10
18	60	18.29	57	144.78	5	140	42.67	136	345.44	18	30	9.14	18	45.72
19	60	18.29	51	129.54	6	120	36.58	107	271.78					
20	40	12.19	21	53.34	7	140	42.67	80	203.20					
21	50	15.24	37	93.98						*Ailanthus integrifolia/* (GOKUL/GOKUL LALI)				
22	50	15.24	36	91.44						SL.NO.	Height		GBH	
23	60	18.29	42	106.68	*Ilex godajam* / (HATISURA)						ft	m	inch	cm
24	30	9.14	14	35.56	SL.NO.	Height		GBH		1	110	33.53	51	129.54
25	40	12.19	44	111.76		ft	m	inch	cm	2	80	24.38	51	129.54
26	40	12.19	22	55.88	1	120	36.58	42	106.68	3	90	27.43	50	127.00
27	60	18.29	76	193.04	2	30	9.14	10	25.40	4	90	27.43	53	134.62
28	60	18.29	40	101.60	3	80	24.38	38	96.52					
29	30	9.14	12	30.48										
30	30	9.14	10	25.40						*Wrightia tomentosa/* (DOODHIA)				
31	60	18.29	49	124.46	*Eurya acuminata* / (JHINGNEY KATUS)					SL.NO.	Height		GBH	
32	40	12.19	36	91.44	SL.NO.	Height		GBH			ft	m	inch	cm
33	50	15.24	36	91.44		ft	m	inch	cm	1	30	9.14	25	63.50
34	30	9.14	16	40.64	1	30	9.14	12	30.48	2	50	15.24	41	104.14
35	60	18.29	36	91.44	2	35	10.67	19	48.26					
36	35	10.67	11	27.94	3	30	9.14	13	33.02					
37	60	18.29	66	167.64	4	50	15.24	21	53.34	*Terminalia arjuna/* (ARJUN)				
38	60	18.29	50	127.00	5	40	12.19	13	33.02	SL.NO.	Height		GBH	
39	30	9.14	10	25.40	6	40	12.19	27	68.58		ft	m	inch	cm
40	30	9.14	14	35.56	7	60	18.29	51	129.54	1	50	15.24	25	63.50
41	60	18.29	17	43.18										
42	60	18.29	27	68.58										
43	60	18.29	30	76.20	*Alstonia scholaris* / (CHATIYAN)									
44	30	9.14	12	30.48	SL.NO.	Height		GBH						
45	30	9.14	11	27.94		ft	m	inch	cm					
46	40	12.19	23	58.42	1	40	12.19	19	48.26					
47	50	15.24	20	50.80	2	30	9.14	15	38.10					
48	30	9.14	18	45.72	3	50	15.24	38	96.52					
49	60	18.29	23	58.42										
50	90	27.43	60	152.40										
51	50	15.24	22	55.88										

SEALDOBA

Sealdoba SP 4

***Syzygium jambolanum* / (SADA JAM/PANI JAM/MAINA JAMUN)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	19	48.26
2	70	21.34	60	152.40
3	40	12.19	27	68.58
4	35	10.67	15	38.10
5	35	10.67	17	43.18
6	30	9.14	14	35.56
7	15	4.57	12	30.48
8	18	5.49	12	30.48
9	25	7.62	18	45.72
10	32	9.75	17	43.18
11	88	26.82	60	152.40
12	92	28.04	60	152.40
13	85	25.91	72	182.88

***Wrightia tomentosa* / (DOODHIA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	44	111.76
2	45	13.72	30	76.20
3	30	9.14	29	73.66
4	42	12.80	33	83.82
5	55	16.76	26	66.04
6	32	9.75	29	73.66
7	52	15.85	30	76.20
8	55	16.76	37	93.98
9	35	10.67	47	119.38
10	25	7.62	15	38.10
11	15	4.57	12	30.48
12	15	4.57	13	33.02
13	75	22.86	60	152.40
14	15	4.57	13	33.02
15	47	14.33	34	86.36

***Neolamarckia cadamba* / (KADAM)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	57	17.37	36	91.44

***Mallotus nudiflorus* / (PITHALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	10	3.05	11	27.94
2	30	9.14	17	43.18
3	20	6.10	15	38.10
4	35	10.67	20	50.80
5	40	12.19	24	60.96
6	25	7.62	18	45.72
7	20	6.10	15	38.10
8	18	5.49	14	35.56
9	20	6.10	19	48.26
10	20	6.10	14	35.56
11	30	9.14	14	35.56
12	40	12.19	15	38.10
13	18	5.49	15	38.10
14	20	6.10	16	40.64
15	22	6.71	13	33.02
16	21	6.40	16	40.64
17	22	6.71	15	38.10
18	25	7.62	18	45.72
19	25	7.62	20	50.80
20	35	10.67	22	55.88
21	38	11.58	22	55.88

***Gmelina arborea* / (GAMAR/GAMARI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	43	109.22
2	75	22.86	47	119.38
3	80	24.38	56	142.24
4	75	22.86	60	152.40
5	62	18.90	55	139.70
6	72	21.95	50	127.00

***Senna siamea* / (MINJIRI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	17	5.18	11	27.94
2	18	5.49	11	27.94
3	15	4.57	10	25.40

***Castanopsis hystrix* / (KATUS)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	31	78.74
2	75	22.86	44	111.76
3	35	10.67	27	68.58
4	25	7.62	15	38.10
5	27	8.23	12	30.48
6	30	9.14	18	45.72
7	45	13.72	28	71.12
8	15	4.57	12	30.48
9	60	18.29	45	114.30
10	65	19.81	43	109.22

***Terminalia bellirica* / (BAHERA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10
2	85	25.91	70	177.80
3	90	27.43	84	213.36
4	110	33.53	87	220.98
5	92	28.04	84	213.36
6	82	24.99	32	81.28
7	90	27.43	46	116.84
8	120	36.58	84	213.36
9	30	9.14	18	45.72
10	75	22.86	56	142.24
11	45	13.72	37	93.98
12	90	27.43	60	152.40
13	30	9.14	21	53.34
14	25	7.62	17	43.18

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	28	71.12
2	60	18.29	29	73.66
3	62	18.90	32	81.28

SEALDOBA

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	47	119.38
2	60	18.29	34	86.36
3	62	18.90	42	106.68
4	22	6.71	17	43.18
5	40	12.19	27	68.58
6	45	13.72	40	101.60
7	30	9.14	16	40.64
8	35	10.67	22	55.88
9	40	12.19	26	66.04
10	55	16.76	20	50.80
11	52	15.85	26	66.04
12	30	9.14	14	35.56
13	28	8.53	22	55.88

Schima wallichii / (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	85	25.91	66	167.64
2	65	19.81	27	68.58
3	70	21.34	32	81.28
4	75	22.86	34	86.36
5	100	30.48	120	304.80
6	35	10.67	18	45.72
7	42	12.80	25	63.50
8	47	14.33	22	55.88
9	56	17.07	27	68.58
10	120	36.58	140	355.60

Uvaria hamiltonii / (TILBIRIYO/CHILBERIO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	13	33.02
2	25	7.62	24	60.96
3	30	9.14	25	63.50
4	35	10.67	27	68.58
5	12	3.66	10	25.40
6	15	4.57	11	27.94
7	45	13.72	28	71.12

Amoora wallichii / (DOODHLALI/LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	42	106.68
2	50	15.24	28	71.12
3	53	16.15	33	83.82
4	55	16.76	31	78.74
5	30	9.14	20	50.80
6	50	15.24	42	106.68
7	55	16.76	46	116.84
8	60	18.29	44	111.76
9	40	12.19	27	68.58
10	70	21.34	36	91.44
11	80	24.38	42	106.68
12	58	17.68	45	114.30
13	62	18.90	48	121.92
14	72	21.95	45	114.30
15	82	24.99	44	111.76
16	60	18.29	55	139.70
17	72	21.95	58	147.32
18	12	3.66	10	25.40
19	85	25.91	55	139.70
20	92	28.04	56	142.24
21	75	22.86	52	132.08
22	65	19.81	36	91.44
23	60	18.29	38	96.52
24	37	11.28	32	81.28
25	55	16.76	50	127.00
26	65	19.81	70	177.80
27	12	3.66	10	25.40
28	65	19.81	60	152.40
29	58	17.68	52	132.08
30	65	19.81	35	88.90
31	58	17.68	55	139.70
32	22	6.71	16	40.64
33	30	9.14	15	38.10
34	35	10.67	25	63.50
35	40	12.19	22	55.88
36	32	9.75	15	38.10
37	55	16.76	60	152.40
38	35	10.67	30	76.20
39	47	14.33	33	83.82
40	55	16.76	40	101.60

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	45	13.72	55	139.70
42	130	39.62	120	304.80
43	75	22.86	56	142.24
44	85	25.91	36	91.44
45	25	7.62	15	38.10
46	32	9.75	12	30.48
47	36	10.97	18	45.72
48	90	27.43	74	187.96
49	112	34.14	82	208.28
50	72	21.95	60	152.40
51	70	21.34	55	139.70
52	25	7.62	15	38.10
53	20	6.10	12	30.48
54	23	7.01	12	30.48
55	25	7.62	13	33.02
56	30	9.14	15	38.10

Machilus gamblei / (KAWLA/AMPATE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	20	50.80
2	42	12.80	33	83.82
3	20	6.10	21	53.34
4	28	8.53	25	63.50
5	45	13.72	37	93.98
6	62	18.90	51	129.54
7	65	19.81	40	101.60
8	72	21.95	42	106.68
9	25	7.62	15	38.10
10	32	9.75	15	38.10
11	40	12.19	18	45.72
12	75	22.86	62	157.48
13	35	10.67	22	55.88
14	50	15.24	33	83.82
15	62	18.90	35	88.90
16	31	9.45	13	33.02

SEALDOBA

***Lannea coromandelica* / (JIGA/JEOL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	38	96.52
2	80	24.38	38	96.52
3	120	36.58	110	279.40
4	85	25.91	60	152.40
5	72	21.95	55	139.70
6	82	24.99	62	157.48
7	110	33.53	65	165.10

***Alstonia scholaris* / (CHATIYAN)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	22	55.88
2	15	4.57	13	33.02
3	16	4.88	12	30.48
4	22	6.71	14	35.56
5	75	22.86	45	114.3
6	82	24.99	46	116.84

***Dillenia pentagyna* / (TATARI/RAY)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	28	71.12
2	69	21.03	56	142.24
3	75	22.86	62	157.48
4	80	24.38	68	172.72
5	130	39.62	110	279.40
6	62	18.90	21	53.34
7	100	30.48	120	304.80
8	95	28.96	85	215.90
9	80	24.38	65	165.10
10	75	22.86	120	304.80
11	65	19.81	60	152.40
12	25	7.62	31	78.74
13	85	25.91	110	279.40

***Shorea robusta* / (SAL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	145	368.30

***Baccaurea ramiflora* / (KUSUM/LOTKA/NOTKO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	21	53.34
2	13	3.96	10	25.40
3	15	4.57	12	30.48
4	16	4.88	13	33.02
5	30	9.14	28	71.12
6	25	7.62	18	45.72
7	32	9.75	15	38.10
8	37	11.28	22	55.88

***Syzygium cumini* / (JAM/KALO JAM/LAL JAM)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	62	157.48
2	60	18.29	55	139.70
3	125	38.10	117	297.18

***Duabanga grandiflora* / (LAMPATE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	16	4.88	12	30.48
2	20	6.10	15	38.10
3	45	13.72	32	81.28
4	50	15.24	38	96.52
5	52	15.85	36	91.44
6	25	7.62	16	40.64
7	13	3.96	10	25.40
8	15	4.57	10	25.40
9	25	7.62	12	30.48
10	22	6.71	17	43.18

***Ilex godajam* / (HATISURA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
	88	26.82	120	304.80

***Bridelia retusa* / (KOSAI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
	25	7.62	16	40.64

***Sterculia villosa* / (UDLA/ODAL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
	80	24.38	110	279.40

***Ailanthus integrifolia* / (GOKUL/GOKUL LALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
	30	9.14	16	40.64
2	37	11.28	17	43.18
3	42	12.80	13	33.02
4	65	19.81	24	60.96

***Balakata baccata* / (AKHATARU)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
	25	7.62	14	35.56

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Sealdoba SP 5

***Alstonia scholaris/* (CHATIYAN)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	83	210.82
2	32	9.75	21	53.34
3	42	12.80	22	55.88
4	60	18.29	68	172.72
5	35	10.67	17	43.18
6	30	9.14	16	40.64
7	25	7.62	10	25.40
8	80	24.38	113	287.02
9	40	12.19	30	76.20

***Duabanga grandiflora* / (LAMPATE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	37	93.98
2	35	10.67	14	35.56
3	25	7.62	14	35.56
4	40	12.19	40	101.60
5	25	7.62	14	35.56

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	22	6.71	20	50.80
3	99	30.18	60	152.40
4	23	7.01	16	40.64
5	55	16.76	42	106.68
6	70	21.34	60	152.40

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	25	7.62	22	55.88
3	20	6.10	11	27.94

***Amoora wallichii* / (DOODH LALI/LALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	60	152.40
2	70	21.34	90	228.60
3	80	24.38	30	76.20
4	82	24.99	60	152.40
5	52	15.85	48	121.92
6	103	31.39	72	182.88
7	25	7.62	11	27.94
8	40	12.19	40	101.60
9	40	12.19	38	96.52
10	40	12.19	44	111.76
11	60	18.29	57	144.78
12	30	9.14	11	27.94
13	35	10.67	31	78.74
14	40	12.19	35	88.90
15	40	12.19	27	68.58
16	30	9.14	17	43.18
17	35	10.67	22	55.88
18	30	9.14	28	71.12
19	60	18.29	63	160.02
20	45	13.72	49	124.46
21	40	12.19	44	111.76
22	60	18.29	77	195.58

***Dysoxylum binectarifolium* / (LAHASUNE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	98	29.87	62	157.48

***Celtis tetrandra* / (KARI/KURI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	145	44.20	48	121.92
2	105	32.00	52	132.08

***Macaranga denticulata* / (MALETA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10
2	20	6.10	10	25.40

***Lagerstroemia speciosa* / (JARUL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	67	170.18
2	7	2.13	12	30.48
3	30	9.14	12	30.48
4	50	15.24	35	88.90
5	45	13.72	25	63.50
6	20	6.10	12	30.48
7	45	13.72	53	134.62
8	40	12.19	39	99.06
9	30	9.14	22	55.88
10	30	9.14	21	53.34
11	20	6.10	18	45.72
12	20	6.10	258	655.32
13	40	12.19	41	104.14
14	45	13.72	52	132.08
15	40	12.19	55	139.70
16	40	12.19	23	58.42
17	25	7.62	13	33.02
18	30	9.14	43	109.22
19	45	13.72	48	121.92
20	40	12.19	17	43.18
21	30	9.14	18	45.72
22	25	7.62	15	38.10

***Ilex godajam* / (HATISURA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	14	35.56
2	60	18.29	46	116.84

***Casearia vareca* / (SADA LALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56

***Gmelina arborea* / (GAMAR/GAMARI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	66	167.64
2	50	15.24	59	149.86

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Machilus gamblei/ (KAWLA/AMPATE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	32	9.75	44	111.76
3	52	15.85	30	76.20
4	68	20.73	40	101.60
5	32	9.75	17	43.18
6	20	6.10	12	30.48
7	31	9.45	40	101.60
8	35	10.67	18	45.72
9	28	8.53	19	48.26
10	28	8.53	22	55.88
11	40	12.19	28	71.12
12	25	7.62	14	35.56
13	35	10.67	29	73.66
14	30	9.14	16	40.64
15	35	10.67	55	139.70
16	30	9.14	15	38.10
17	40	12.19	24	60.96
18	40	12.19	29	73.66
19	25	7.62	12	30.48
20	25	7.62	22	55.88
21	35	10.67	30	76.20
22	30	9.14	16	40.64
23	35	10.67	31	78.74

Sterculia villosa / (UDLA/ODAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	102	31.09	65	165.10
2	72	21.95	60	152.40
3	172	52.43	145	368.30
4	152	46.33	95	241.30

Magnolia champaca / (CHAAMP)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	42	106.68
2	30	9.14	18	45.72

Wrightia tomentosa / (DOODHIA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	34	86.36
2	30	9.14	20	50.80
3	44	13.41	26	66.04
4	38	11.58	26	66.04
5	35	10.67	14	35.56
6	37	11.28	24	60.96
7	18	5.49	11	27.94
8	68	20.73	33	83.82
9	48	14.63	28	71.12
10	22	6.71	19	48.26
11	25	7.62	15	38.10
12	40	12.19	26	66.04
13	42	12.80	32	81.28
14	40	12.19	38	96.52

Citrus indica / (RAMSANTALA/JUNGLEE KOMOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	39	99.06
2	50	15.24	59	149.86
3	30	9.14	27	68.58
4	50	15.24	56	142.24
5	55	16.76	33	83.82

Ailanthus integrifolia/ (GOKUL/GOKUL LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	164	49.99	68	172.72
2	20	6.10	10	25.40
3	25	7.62	12	30.48
4	45	13.72	22	55.88
5	30	9.14	12	30.48

Pterospermum acerifolium/ (HATIPYLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	35	88.90

Balakata baccata/ (AKHATARU)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	17	43.18
2	40	12.19	48	121.92
3	65	19.81	93	236.22
4	40	12.19	15	38.10
5	20	6.10	14	35.56
6	45	13.72	36	91.44
7	35	10.67	15	38.10
8	35	10.67	11	27.94

Careya arborea/ (KUMBHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	15	38.10
2	30	9.14	15	38.10
3	20	6.10	13	33.02

Lannea coromandelica / (JIGA/JEOL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	60	152.40
2	102	31.09	44	111.76
3	70	21.34	73	185.42
4	55	16.76	60	152.40
5	40	12.19	19	48.26
6	50	15.24	81	205.74
7	50	15.24	62	157.48
8	55	16.76	93	236.22
9	20	6.10	23	58.42

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	30	9.14	10	25.40

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Litsea monopetala / (KULKULI/KUTMIRO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	12	30.48
2	38	11.58	12	30.48
3	52	15.85	40	101.60
4	25	7.62	18	45.72
5	40	12.19	39	99.06
6	50	15.24	39	99.06
7	30	9.14	24	60.96
8	40	12.19	24	60.96
9	20	6.10	11	27.94
10	25	7.62	11	27.94
11	25	7.62	10	25.40

Oroxylum indicum / (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	23	58.42
2	20	6.10	11	27.94

Syzygium cumini / (JAM/KALO JAM/LAL JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	103	31.39	53	134.62
2	33	10.06	14	35.56

Dillenia pentagyna / (TATARI/RAY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	46	116.84
2	138	42.06	48	121.92
3	108	32.92	51	129.54
4	105	32.00	78	198.12
5	68	20.73	45	114.30
6	70	21.34	70	177.80

Syzygium jambolanum / (SADA JAM/PANI JAM/MAINA JAMUN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88
2	30	9.14	11	27.94
3	40	12.19	31	78.74
4	20	6.10	10	25.40
5	40	12.19	44	111.76
6	25	7.62	10	25.40
7	25	7.62	10	25.40
8	30	9.14	11	27.94
9	35	10.67	22	55.88
10	20	6.10	22	55.88
11	20	6.10	10	25.40
12	20	6.10	13	33.02
13	45	13.72	98	248.92
14	35	10.67	18	45.72
15	20	6.10	12	30.48
16	30	9.14	13	33.02
17	30	9.14	17	43.18
18	60	18.29	34	86.36
19	40	12.19	23	58.42
20	35	10.67	27	68.58
21	25	7.62	10	25.40
22	30	9.14	10	25.40
23	30	9.14	12	30.48
24	40	12.19	18	45.72
25	20	6.10	17	43.18
26	30	9.14	21	53.34
27	25	7.62	11	27.94
28	15	4.57	10	25.40
29	40	12.19	24	60.96
30	50	15.24	43	109.22
31	60	18.29	58	147.32
32	30	9.14	12	30.48
33	22	6.71	18	45.72
34	31	9.45	21	53.34
35	34	10.36	22	55.88

Schima wallichii / (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
36	15	4.57	18	45.72
37	23	7.01	24	60.96
38	30	9.14	14	35.56
39	40	12.19	25	63.50
40	25	7.62	15	38.10
41	20	6.10	10	25.40
42	30	9.14	11	27.94
43	35	10.67	26	66.04
44	35	10.67	19	48.26
45	30	9.14	17	43.18
46	40	12.19	32	81.28
1	47	14.33	25	63.50
2	30	9.14	28	71.12
3	109	33.22	115	292.10
4	122	37.19	90	228.60
5	131	39.93	120	304.80
6	90	27.43	35	88.90
7	142	43.28	100	254.00
8	20	6.10	13	33.02
9	148	45.11	92	233.68
10	162	49.38	82	208.28
11	30	9.14	17	43.18
12	35	10.67	23	58.42
13	60	18.29	112	284.48
14	40	12.19	33	83.82
15	45	13.72	38	96.52
16	35	10.67	27	68.58
17	40	12.19	31	78.74
18	45	13.72	24	60.96

SEALDOBA

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	17	43.18
2	25	7.62	35	88.90
3	30	9.14	23	58.42
4	25	7.62	14	35.56
5	20	6.10	10	25.40
6	25	7.62	19	48.26
7	25	7.62	10	25.40
8	20	6.10	10	25.40

Shorea robusta / (SAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	105	266.70
2	55	16.76	100	254.00
3	80	24.38	100	254.00
4	90	27.43	87	220.98
5	45	13.72	47	119.38
6	100	30.48	114	289.56

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	20	50.80
2	60	18.29	66	167.64
3	40	12.19	12	30.48
4	50	15.24	53	134.62
5	45	13.72	34	86.36

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	109	33.22	75	190.50
2	20	6.10	14	35.56
3	23	7.01	11	27.94
4	21	6.40	14	35.56
5	65	19.81	77	195.58
6	20	6.10	12	30.48
7	30	9.14	18	45.72
8	20	6.10	11	27.94
9	20	6.10	10	25.40
10	25	7.62	15	38.10
11	35	10.67	19	48.26
12	30	9.14	20	50.80
13	50	15.24	53	134.62
14	30	9.14	14	35.56
15	40	12.19	40	101.60
16	35	10.67	39	99.06
17	45	13.72	39	99.06
18	65	19.81	132	335.28
19	20	6.10	11	27.94
20	40	12.19	53	134.62
21	30	9.14	12	30.48
22	40	12.19	53	134.62

Terminalia bellirica / (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	154	46.94	92	233.68
2	55	16.76	20	50.80
3	128	39.01	64	162.56
4	64	19.51	29	73.66
5	45	13.72	16	40.64
6	82	24.99	48	121.92
7	65	19.81	46	116.84
8	64	19.51	57	144.78
9	40	12.19	24	60.96
10	25	7.62	12	30.48
11	60	18.29	60	152.40
12	50	15.24	57	144.78
13	55	16.76	60	152.40
14	30	9.14	17	43.18
15	45	13.72	34	86.36
16	55	16.76	55	139.70

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Terminalia bellirica / (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	43	109.22
2	25	7.62	11	27.94
3	45	13.72	54	137.16
4	115	35.05	95	241.30
5	45	13.72	21	53.34
6	130	39.62	57	144.78
7	75	22.86	43	109.22
8	53	16.15	18	45.72
9	58	17.68	22	55.88
10	135	41.15	120	304.80

Machilus gamblei / (KAWLA/AMPATE)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	40	12.19	15	38.10
2	25	7.62	14	35.56
3	20	6.10	13	33.02
4	30	9.14	11	27.94
5	35	10.67	16	40.64
6	38	11.58	30	76.20
7	51	15.54	25	63.50
8	124	37.80	73	185.42
9	40	12.19	24	60.96
10	42	12.80	33	83.82
11	35	10.67	37	93.98
12	37	11.28	27	68.58
13	28	8.53	17	43.18
14	28	8.53	15	38.10
15	22	6.71	21	53.34
16	35	10.67	33	83.82
17	36	10.97	30	76.20
18	38	11.58	22	55.88
19	34	10.36	35	88.90
20	30	9.14	14	35.56
21	35	10.67	25	63.50

Artocarpus lacucha/ (BON KATHAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	43	13.11	16	40.64

Wrightia tomentosa / (DOODHIA)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	40	12.19	23	58.42
2	24	7.32	13	33.02
3	25	7.62	18	45.72
4	40	12.19	23	58.42
5	32	9.75	28	71.12
6	12	3.66	18	45.72
7	28	8.53	15	38.10
8	56	17.07	14	35.56

Macaranga denticulata/ (MALETA)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	30	9.14	10	25.40
2	25	7.62	10	25.40

Lannea coromandelica / (JIGA/JEOL)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	35	10.67	21	53.34
2	11	3.35	92	233.68
3	60	18.29	36	91.44
4	62	18.90	47	119.38

Uvaria hamiltonii / (TILBIRIYO/CHILBERIO)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	58	17.68	63	160.02
2	42	12.80	18	45.72

Syzygium cumini / (JAM/KALO JAM/LAL JAM)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	35	10.67	23	58.42
2	30	9.14	21	53.34
3	20	6.10	13	33.02
4	25	7.62	12	30.48
5	25	7.62	15	38.10
6	35	10.67	22	55.88

Schima wallichii / (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	55	139.70
2	60	18.29	71	180.34
3	20	6.10	10	25.40
4	60	18.29	54	137.16
5	20	6.10	10	25.40
6	60	18.29	91	231.14
7	25	7.62	11	27.94
8	20	6.10	16	40.64
9	30	9.14	14	35.56
10	30	9.14	14	35.56
11	35	10.67	11	27.94
12	45	13.72	40	101.60
13	30	9.14	19	48.26
14	30	9.14	16	40.64
15	22	6.71	10	25.40
16	85	25.91	39	99.06
17	62	18.90	40	101.60
18	70	21.34	48	121.92
19	52	15.85	22	55.88
20	65	19.81	47	119.38
21	135	41.15	118	299.72
22	52	15.85	46	116.84
23	95	28.96	48	121.92
24	90	27.43	32	81.28
25	92	28.04	44	111.76
26	125	38.10	56	142.24
27	52	15.85	24	60.96
28	55	16.76	30	76.20
29	135	41.15	65	165.10
30	42	12.80	19	48.26
31	130	39.62	150	381.00
32	135	41.15	152	386.08
33	82	24.99	67	170.18
34	55	16.76	35	88.90
35	95	28.96	125	317.50
36	100	30.48	115	292.10
37	110	33.53	120	304.80
38	122	37.19	130	330.20
39	110	33.53	122	309.88
40	95	28.96	105	266.70
41	87	26.52	60	152.40
42	85	25.91	52	132.08
43	70	21.34	30	76.20

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Ilex godajam / (HATISURA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	46	14.02	25	63.50
2	48	14.63	18	45.72
3	52	15.85	25	63.50
4	110	33.53	50	127.00
5	38	11.58	25	63.50
6	90	27.43	51	129.54

Elaeocarpus serratus/ (JALPAI)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	40	12.19	47	119.38
2	28	8.53	21	53.34
3	42	12.80	46	116.84
4	40	12.19	30	76.20
5	85	25.91	32	81.28
6	87	26.52	25	63.50
7	96	29.26	30	76.20
9	88	26.82	38	96.52

Sterculia villosa/ (UDLA/ODAL)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	60	18.29	67	170.18
2	150	45.72	120	304.80

Ailanthus integrifolia/ (GOKUL/GOKUL LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	24	7.32	13	33.02

Duabanga grandiflora / (LAMPATE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	54	16.46	33	83.82
3	65	19.81	34	86.36
4	52	15.85	28	71.12

Castanopsis hystrix/ (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	47	119.38
2	45	13.72	45	114.30
3	25	7.62	13	33.02
4	48	14.63	29	73.66
5	55	16.76	50	127.00
6	32	9.75	30	76.20
7	28	8.53	18	45.72
8	42	12.80	38	96.52
9	32	9.75	34	86.36
10	39	11.89	65	165.10
11	42	12.80	24	60.96
12	35	10.67	24	60.96
13	45	13.72	21	53.34
14	62	18.90	56	142.24
15	45	13.72	34	86.36
16	31	9.45	11	27.94
17	58	17.68	37	93.98
18	38	11.58	17	43.18
19	22	6.71	12	30.48
20	31	9.45	16	40.64
21	32	9.75	17	43.18
22	68	20.73	47	119.38
23	72	21.95	36	91.44
24	38	11.58	52	132.08
25	55	16.76	28	71.12
26	27	8.23	14	35.56
27	24	7.32	11	27.94
28	37	11.28	16	40.64
29	42	12.80	35	88.90
30	44	13.41	37	93.98
31	26	7.92	10	25.40
32	18	5.49	11	27.94
33	32	9.75	26	66.04
34	40	12.19	29	73.66
35	45	13.72	31	78.74
36	25	7.62	11	27.94
37	25	7.62	24	60.96
38	50	15.24	28	71.12
39	65	19.81	51	129.54
40	72	21.95	58	147.32
41	95	28.96	57	144.78

Castanopsis hystrix/ (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
42	84	25.60	50	127.00
43	88	26.82	62	157.48
44	45	13.72	31	78.74
45	55	16.76	39	99.06
46	62	18.90	40	101.60
47	25	7.62	14	35.56
48	28	8.53	14	35.56
49	33	10.06	14	35.56
50	42	12.80	51	129.54
51	112	34.14	65	165.10
52	58	17.68	53	134.62
53	60	18.29	28	71.12
54	52	15.85	44	111.76
55	55	16.76	45	114.30

Mallotus philippensis / (SINDURE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	17	43.18
2	32		12	30.48
3	30	9.14	16	40.64

Dillenia pentagyna/ (TATARI/RAY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	48	121.92
2	52	15.85	55	139.70
3	85	25.91	45	114.30
4	92	28.04	50	127.00

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	36	91.44
2	34	10.36	15	38.10
3	42	12.80	18	45.72
4	30	9.14	17	43.18
5	75	22.86	28	71.12

SEALDOBA

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	44	111.76
2	48	14.63	54	137.16
3	22	6.71	13	33.02
4	57	17.37	38	96.52
5	52	15.85	40	101.60
6	56	17.07	44	111.76
7	12	3.66	25	63.50
8	25	7.62	10	25.40
9	78	23.77	55	139.70

Balakata baccata / (AKHATARU)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	53	134.62
2	55	16.76	72	182.88
3	50	15.24	43	109.22
4	45	13.72	41	104.14
5	65	19.81	68	172.72
6	108	32.92	72	182.88

Citrus indica/ (RAMSANTALA/JUNGLEE KOMOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	62	157.48
2	40	12.19	31	78.74
3	52	15.85	42	106.68
4	42	12.80	43	109.22

Litsea monopetala / (KULKULI/KUTMIRO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	43	109.22

Careya arborea / (KUMBHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	38.10

Amoora wallichii / (DOODH LALI/LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	41	104.14
2	35	10.67	29	73.66
3	40	12.19	26	66.04
4	50	15.24	52	132.08
5	35	10.67	29	73.66
6	55	16.76	60	152.40
7	58	17.68	54	137.16
8	40	12.19	31	78.74
9	72	21.95	51	129.54
10	52	15.85	44	111.76
11	62	18.90	49	124.46
12	35	10.67	25	63.50
13	36	10.97	11	27.94
14	42	12.80	14	35.56
15	25	7.62	18	45.72
16	32	9.75	17	43.18
17	38	11.58	14	35.56
18	85	25.91	74	187.96
19	97	29.57	52	132.08
20	90	27.43	48	121.92

Alstonia scholaris / (CHATIYAN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	23	58.42
2	125	38.10	130	330.20
3	48	14.63	21	53.34
4	72	21.95	46	116.84

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	38	96.52
2	22	6.71	14	35.56
3	45	13.72	18	45.72

Bridelia retusa / (KOSAI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	32	81.28

Syzygium jambolanum/ (SADA JAM/PANI JAM/MAINA JAMUN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	49	124.46
2	30	9.14	16	40.64
3	30	9.14	19	48.26
4	33	10.06	14	35.56
5	29	8.84	11	27.94
6	24	7.32	17	43.18
7	23	7.01	14	35.56
8	25	7.62	12	30.48
9	30	9.14	13	33.02
10	25	7.62	17	43.18
11	20	6.10	17	43.18
12	18	5.49	13	33.02
13	25	7.62	15	38.10
14	33	10.06	13	33.02
15	15	4.57	11	27.94
16	18	5.49	12	30.48
17	17	5.18	16	40.64
18	25	7.62	10	25.40
19	25	7.62	15	38.10
20	17	5.18	10	25.40
21	18	5.49	10	25.40
22	30	9.14	16	40.64
23	35	10.67	12	30.48
24	25	7.62	13	33.02
25	18	5.49	10	25.40
26	22	6.71	16	40.64
27	30	9.14	18	45.72
28	55	16.76	25	63.50
29	30	9.14	14	35.56
30	35	10.67	14	35.56
31	35	10.67	12	30.48
32	30	9.14	14	35.56
33	40	12.19	22	55.88
34	25	7.62	12	30.48
35	35	10.67	22	55.88
36	65	19.81	28	71.12
37	67	20.42	40	101.60
38	72	21.95	45	114.30
39	35	10.67	21	53.34
40	45	13.72	18	45.72
41	42	12.80	25	63.50
42	48	14.63	30	76.20
43	85	25.91	30	76.20

SEALDOBA

Albizia procera/ (SADA SIRISH/SWET SIRISH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	47	119.38
2	110	33.53	44	111.76
3	55	16.76	24	60.96
4	95	28.96	38	96.52

Senna siamea / (MINJIRI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56
2	42	12.80	18	45.72
3	36	10.97	15	38.10
4	38	11.58	21	53.34
5	95	28.96	43	109.22
6	42	12.80	21	53.34
7	43	13.11	31	78.74
8	125	38.10	32	81.28
9	75	22.86	38	96.52
10	120	36.58	52	132.08
11	40	12.19	17	43.18
12	25	7.62	16	40.64
13	30	9.14	18	45.72

Shorea robusta / (SAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	99	251.46
2	60	18.29	85	215.90
3	80	24.38	108	274.32
4	150	45.72	120	304.80
5	135	41.15	125	317.50
6	125	38.10	95	241.30
7	145	44.20	125	317.50
8	120	36.58	60	152.40
9	125	38.10	150	381.00
10	150	45.72	140	355.60
11	140	42.67	122	309.88
12	90	27.43	70	177.80
13	100	30.48	160	406.40
14	165	50.29	120	304.80

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	23	58.42
2	20	6.10	12	30.48
3	35	10.67	50	127.00
4	22	6.71	10	25.40
5	20	6.10	12	30.48
6	42	12.80	68	172.72
7	22	6.71	15	38.10
8	18	5.49	16	40.64
9	22	6.71	10	25.40
10	36	10.97	15	38.10
11	38	11.58	17	43.18
12	22	6.71	14	35.56
13	45	13.72	31	78.74
14	42	12.80	28	71.12
15	25	7.62	14	35.56

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94
2	30	9.14	14	35.56
3	25	7.62	13	33.02
4	14	4.27	13	33.02
5	18	5.49	12	30.48
6	18	5.49	10	25.40
7	22	6.71	10	25.40
8	22	6.71	16	40.64
9	20	6.10	15	38.10
10	20	6.10	15	38.10
11	15	4.57	11	27.94

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Mallotus philippensis / (SINDOORI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	11	27.94
2	40	12.19	12	30.48
3	30	9.14	16	40.64
4	45	13.72	33	83.82
5	32	9.75	18	45.72
6	35	10.67	20	50.80
7	55	16.76	20	50.80
8	36	10.97	22	55.88
9	80	24.38	39	99.06
10	50	15.24	18	45.72
11	55	16.76	20	50.80
12	65	19.81	35	88.90
13	20	6.10	10	25.40
14	90	27.43	35	88.90

Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	20	50.80
2	80	24.38	32	81.28
3	55	16.76	45	114.30
4	58	17.68	33	83.82
5	67	20.42	48	121.92
6	58	17.68	35	88.90

Dillenia indica / (CHALTA/PAACHPHOLIA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	102	259.08
2	75	22.86	70	177.80
3	82	24.99	72	182.88

Terminalia arjuna / (ARJUN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	11	27.94
2	120	36.58	54	137.16

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	31	78.74
2	65	19.81	30	76.20
3	70	21.34	35	88.90
4	72	21.95	28	71.12
5	25	7.62	15	38.10
6	120	36.58	37	93.98
7	150	45.72	64	162.56

Albizia procera / (SADA SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	24	60.96
2	50	15.24	24	60.96
3	60	18.29	55	139.70
4	45	13.72	30	76.20
5	50	15.24	32	81.28
6	67	20.42	18	45.72
7	55	16.76	23	58.42
8	40	12.19	18	45.72
9	55	16.76	20	50.80
10	56	17.07	22	55.88
11	50	15.24	18	45.72
12	45	13.72	25	63.50

Chukrasia tabularis / (CHIKRASI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	135	41.15	72	182.88
2	65	19.81	40	101.60
3	60	18.29	31	78.74
4	62	18.90	32	81.28
5	65	19.81	22	55.88
6	65	19.81	38	96.52
7	70	21.34	28	71.12
8	72	21.95	25	63.50
9	150	45.72	63	160.02
10	140	42.67	55	139.70
11	160	48.77	120	304.80

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	95	28.96	66	167.64
2	140	42.67	84	213.36
3	145	44.20	92	233.68
4	55	16.76	36	91.44
5	120	36.58	110	279.40
6	90	27.43	28	71.12
7	90	27.43	65	165.10
8	85	25.91	48	121.92
9	110	33.53	88	223.52
10	80	24.38	43	109.22
11	70	21.34	118	299.72
12	130	39.62	120	304.80
13	82	24.99	52	132.08
14	115	35.05	110	279.40
15	105	32.00	58	147.32
16	120	36.58	90	228.60
17	110	33.53	44	111.76
18	140	42.67	112	284.48
19	95	28.96	72	182.88
20	125	38.10	45	114.30
21	55	16.76	18	45.72
22	60	18.29	25	63.50
23	135	41.15	128	325.12
24	115	35.05	50	127.00
25	90	27.43	35	88.90
26	72	21.95	38	96.52
27	54	16.46	22	55.88
28	65	19.81	20	50.80
29	80	24.38	55	139.70
30	125	38.10	65	165.10
31	120	36.58	50	127.00
32	140	42.67	92	233.68
33	130	39.62	80	203.20
34	150	45.72	100	254.00
35	140	42.67	100	254.00
36	150	45.72	100	254.00
37	120	36.58	62	157.48

***Randia dumetorum* / (MOWKATA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	13	33.02
2	28	8.53	12	30.48
3	25	7.62	15	38.10
4	26	7.92	16	40.64
5	20	6.10	15	38.10

***Magnolia champaca* / (CHAAMP)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	44	111.76
2	80	24.38	39	99.06
3	65	19.81	38	96.52
4	72	21.95	45	114.30
5	40	12.19	11	27.94
6	60	18.29	20	50.80
7	30	9.14	16	40.64
8	30	9.14	15	38.10
9	40	12.19	16	40.64
10	50	15.24	18	45.72
11	100	30.48	45	114.30
12	80	24.38	25	63.50

***Chisocheton cumingianus* / (FALA LALI/HARA LALI/FATA LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	28	71.12
2	25	7.62	18	45.72
3	52	15.85	19	48.26
4	50	15.24	22	55.88
5	52	15.85	18	45.72
6	55	16.76	25	63.50
7	35	10.67	28	71.12

***Lagerstroemia parviflora* / (SIDHA/BAAJE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	28	71.12
2	36	10.97	30	76.20
3	40	12.19	32	81.28
4	90	27.43	36	91.44
5	70	21.34	18	45.72
6	80	24.38	29	73.66
7	50	15.24	17	43.18
8	30	9.14	14	35.56
9	60	18.29	28	71.12
10	50	15.24	19	48.26
11	50	15.24	16	40.64

***Dillenia pentagyna* / (TATARI/RAY/BON CHALTA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	50	127.00
2	72	21.95	62	157.48
3	70	21.34	48	121.92

***Albizia chinensis* / (SIRISH)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	22	55.88
2	65	19.81	32	81.28
3	62	18.90	35	88.90
4	25	7.62	18	45.72
5	45	13.72	16	40.64
6	35	10.67	18	45.72
7	58	17.68	23	58.42
8	22	6.71	20	50.80

***Premna bengalensis* / (GIDRAJ/GINARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	30	9.14	18	45.72
3	90	27.43	100	254.00

***Terminalia myriocarpa* / (PANISAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	28	71.12
2	90	27.43	72	182.88
3	65	19.81	32	81.28
4	82	24.99	76	193.04
5	72	21.95	38	96.52
6	65	19.81	22	55.88
7	68	20.73	30	76.20
8	72	21.95	35	88.90
9	55	16.76	22	55.88
10	70	21.34	25	63.50
11	82	24.99	56	142.24
12	92	28.04	28	71.12
13	95	28.96	26	66.04
14	105	32.00	38	96.52
15	68	20.73	32	81.28
16	55	16.76	38	96.52
17	160	48.77	120	304.80
18	50	15.24	18	45.72
19	90	27.43	35	88.90
20	15	4.57	25	63.50
21	90	27.43	24	60.96
22	70	21.34	18	45.72
23	90	27.43	37	93.98
24	100	30.48	29	73.66
25	120	36.58	60	152.40
26	75	22.86	28	71.12

***Dipterocarpus retusus* / (HOLONG)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	30	76.20
2	52	15.85	32	81.28
3	65	19.81	30	76.20

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	28	71.12

Monoon simiarum / (LAPCHE/SADA LAPCHE/LAPSHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	26	66.04
2	52	15.85	36	91.44
3	65	19.81	32	81.28
4	72	21.95	34	86.36
5	35	10.67	14	35.56
6	45	13.72	17	43.18
7	20	6.10	10	25.40
8	20	6.10	14	35.56
9	20	6.10	12	30.48
10	15	4.57	17	43.18
11	45	13.72	12	30.48
12	110	33.53	32	81.28
13	20	6.10	17	43.18
14	110	33.53	48	121.92

Meliosma simplicifolia / (PATPATEY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	28	71.12

Sterculia villosa / (UDLA/ODAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	110	279.40
2	130	39.62	92	233.68
3	40	12.19	16	40.64

Morinda angustifolia/ (KORIPHOOL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	10	25.40
2	14	4.27	10	25.40
3	20	6.10	10	25.40
4	12	3.66	15	38.10

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	21	53.34
2	18	5.49	16	40.64
3	18	5.49	17	43.18
4	120	36.58	44	111.76
5	100	30.48	34	86.36
6	120	36.58	45	114.30
7	110	33.53	27	68.58
8	40	12.19	15	38.10
9	115	35.05	40	101.60
10	40	12.19	13	33.02
11	90	27.43	42	106.68

Casearia vareca / (SADA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	22	55.88
2	25	7.62	13	33.02
3	48	14.63	33	83.82
4	45	13.72	27	68.58

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	56	142.24

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	27	68.58

Terminalia chebula / (HORITOKI/HARRA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	33	83.82
2	50	15.24	14	35.56
3	90	27.43	46	116.84

Amoora wallichii / (DOODH LALI/LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	25	63.50
2	25	7.62	30	76.20
3	35	10.67	18	45.72
4	80	24.38	48	121.92
5	105	32.00	38	96.52
6	120	36.58	61	154.94
7	80	24.38	42	106.68
8	80	24.38	36	91.44
9	130	39.62	65	165.10
10	90	27.43	33	83.82
11	80	24.38	42	106.68
12	120	36.58	38	96.52
13	20	6.10	15	38.10
14	60	18.29	27	68.58
15	120	36.58	58	147.32
16	110	33.53	42	106.68
17	100	30.48	37	93.98
18	90	27.43	29	73.66
19	80	24.38	35	88.90
20	60	18.29	32	81.28
21	22	6.71	11	27.94

Ailanthus integrifolia / (GOKUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	17	43.18

Tetrameles nudiflora / (MOYNA/SADA MOYNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	120	304.80
2	250	76.20	200	508.00

Oroxylum indicum / (TOTOLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	38	96.52

***Elaeocarpus angustifolius* / (RUDRAKSHA)**					***Lagerstroemia speciosa* / (JARUL)**					***Ilex godajam* / (HATISURA)**				
SL. NO.	**Height**		**Girth**		**SL. NO.**	**Height**		**Girth**		**SL. NO.**	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**		**ft**	**m**	**inch**	**cm**		**ft**	**m**	**inch**	**cm**
1	90	27.43	24	60.96	1	130	39.62	65	165.10	1	80	24.38	32	81.28
2	130	39.62	28	71.12										
3	150	45.72	116	294.64										

***Terminalia crenulata* / (PAKASAL/PAKASAJ)**					***Polyalthia simiarum* / (BHUTIA LAPCHE)**					***Antidesma acidum* / (ARCHAL)**				
SL. NO.	**Height**		**Girth**		**SL. NO.**	**Height**		**Girth**		**SL. NO.**	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**		**ft**	**m**	**inch**	**cm**		**ft**	**m**	**inch**	**cm**
1	75	22.86	35	88.90	1	120	36.58	60	152.40	1	20	6.10	33	83.82
2	90	27.43	36	91.44										
3	50	15.24	16	40.64										

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Monoon simiarum / (LAPCHE/SADA LAPCHE/LAPSHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	48	121.92
2	68	20.73	49	124.46
3	49	14.94	28	71.12
4	38	11.58	21	53.34
5	65	19.81	43	109.22
6	50	15.24	36	91.44
7	85	25.91	47	119.38
8	40	12.19	22	55.88
9	42	12.80	18	45.72
10	32	9.75	12	30.48
11	25	7.62	12	30.48
12	35	10.67	15	38.10
13	30	9.14	15	38.10
14	42	12.80	25	63.50
15	38	11.58	17	43.18
16	35	10.67	14	35.56
17	42	12.80	16	40.64
18	32	9.75	13	33.02
19	30	9.14	17	43.18
20	28	8.53	14	35.56
21	32	9.75	14	35.56
22	48	14.63	25	63.50
23	42	12.80	16	40.64
24	35	10.67	16	40.64
25	70	21.34	42	106.68

Premna bengalensis / (GIDRAJ/GINARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	89	226.06
2	70	21.34	63	160.02

Garuga pinnata / (DABDABEY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	23	58.42
2	32	9.75	39	99.06
3	85	25.91	56	142.24

Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	47	119.38
2	37	11.28	30	76.20
3	52	15.85	42	106.68
4	65	19.81	64	162.56
5	70	21.34	56	142.24
6	75	22.86	59	149.86
7	65	19.81	54	137.16
8	72	21.95	45	114.30
9	62	18.90	41	104.14
10	52	15.85	22	55.88
11	80	24.38	42	106.68
12	51	15.54	24	60.96
13	32	9.75	13	33.02
14	59	17.98	40	101.60
15	82	24.99	48	121.92
16	65	19.81	25	63.50
17	45	13.72	28	71.12
18	115	35.05	47	119.38
19	100	30.48	60	152.40
20	85	25.91	54	137.16
21	35	10.67	14	35.56
22	70	21.34	36	91.44
23	75	22.86	42	106.68
24	52	15.85	28	71.12
25	65	19.81	56	142.24
26	75	22.86	41	104.14
27	25	7.62	14	35.56
28	42	12.80	31	78.74
29	45	13.72	28	71.12
30	65	19.81	49	124.46
31	75	22.86	41	104.14

Dillenia pentagyna / (TATARI/RAY/BON CHALTA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	85	25.91	81	205.74
2	92	28.04	88	223.52
3	110	33.53	102	259.08
4	117	35.66	103	261.62

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	28	71.12
2	28	8.53	11	27.94
3	18	5.49	14	35.56
4	32	9.75	13	33.02
5	30	9.14	14	35.56
6	50	15.24	21	53.34
7	40	12.19	21	53.34
8	32	9.75	17	43.18
9	42	12.80	19	48.26
10	70	21.34	40	101.60
11	35	10.67	18	45.72
12	25	7.62	16	40.64
13	48	14.63	24	60.96
14	40	12.19	33	83.82
15	25	7.62	17	43.18
16	18	5.49	16	40.64
17	33	10.06	17	43.18
18	25	7.62	14	35.56
19	35	10.67	19	48.26
20	28	8.53	12	30.48
21	32	9.75	26	66.04
22	49	14.94	16	40.64
23	42	12.80	22	55.88
24	36	10.97	24	60.96
25	28	8.53	18	45.72
26	36	10.97	18	45.72
27	38	11.58	19	48.26
28	55	16.76	26	66.04
29	42	12.80	19	48.26
30	32	9.75	16	40.64
31	30	9.14	17	43.18
32	45	13.72	26	66.04
33	27	8.23	13	33.02
34	48	14.63	20	50.80
35	42	12.80	20	50.80
36	35	10.67	14	35.56
37	48	14.63	22	55.88
38	50	15.24	25	63.50
39	42	12.80	20	50.80
40	48	14.63	22	55.88

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	25	7.62	14	35.56
42	18	5.49	12	30.48

Adina cordifolia / (KOROM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	23	58.42
2	52	15.85	34	86.36
3	67	20.42	51	129.54
4	76	23.16	30	76.20

Actinodaphne obovata / (RUNCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	47	14.33	18	45.72

Meliosma simplicifolia / (PATPATEY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	21	53.34
2	18	5.49	13	33.02
3	25	7.62	12	30.48

Celtis tetrandra / (KURI/KARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	22	55.88

Chisocheton cumingianus / (FALA LALI/HARA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	48	121.92
2	72	21.95	25	63.50
3	65	19.81	23	58.42
4	38	11.58	12	30.48

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	54	137.16
2	82	24.99	54	137.16
3	85	25.91	56	142.24
4	30	9.14	18	45.72
5	35	10.67	12	30.48
6	62	18.90	41	104.14
7	36	10.97	26	66.04
8	38	11.58	18	45.72
9	36	10.97	20	50.80
10	70	21.34	48	121.92
11	65	19.81	42	106.68
12	37	11.28	18	45.72
13	110	33.53	120	304.80
14	165	50.29	125	317.50
15	135	41.15	98	248.92
16	66	20.12	48	121.92
17	72	21.95	45	114.30
18	115	35.05	90	228.60
19	120	36.58	85	215.90
20	135	41.15	110	279.40
21	130	39.62	110	279.40
22	140	42.67	115	292.10
23	120	36.58	85	215.90

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	101	256.54
2	72	21.95	57	144.78
3	82	24.99	45	114.30
4	110	33.53	85	215.90
5	85	25.91	44	111.76
6	76	23.16	45	114.30

Mallotus philippensis / (SINDOORI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	14	35.56

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	120	304.80
2	115	35.05	120	304.80
3	110	33.53	103	261.62
4	115	35.05	86	218.44
5	125	38.10	109	276.86
6	140	42.67	115	292.10
7	125	38.10	100	254.00
8	107	32.61	81	205.74
9	95	28.96	73	185.42
10	87	26.52	69	175.26
11	85	25.91	80	203.20
12	130	39.62	115	292.10
13	135	41.15	108	274.32
14	110	33.53	90	228.60
15	155	47.24	110	279.40
16	140	42.67	100	254.00
17	165	50.29	112	284.48
18	95	28.96	71	180.34
19	142	43.28	121	307.34
20	120	36.58	107	271.78
21	125	38.10	110	279.40
22	115	35.05	105	266.70
23	120	36.58	100	254.00
24	148	45.11	113	287.02
25	110	33.53	75	190.50
26	170	51.82	150	381.00
27	125	38.10	115	292.10
28	126	38.40	118	299.72
29	150	45.72	120	304.80
30	155	47.24	130	330.20
31	170	51.82	160	406.40

Morus indica / (TOONTH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	30	76.20
2	52	15.85	20	50.80
3	38	11.58	26	66.04

Symplocos theifolia / (KHARANE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	24	60.96
2	18	5.49	21	53.34
3	25	7.62	13	33.02
4	24	7.32	12	30.48
5	32	9.75	13	33.02
6	30	9.14	14	35.56
7	25	7.62	19	48.26
8	30	9.14	18	45.72
9	35	10.67	20	50.80
10	57	17.37	21	53.34
11	35	10.67	26	66.04
12	30	9.14	14	35.56
13	28	8.53	19	48.26
14	52	15.85	20	50.80
15	22	6.71	15	38.10
16	35	10.67	16	40.64
17	26	7.92	13	33.02

Terminalia crenulata / (PAKASAL/PAKASAJ)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	21	53.34

Careya arborea / (KUMBHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	21	6.40	20	50.80
2	25	7.62	15	38.10
3	22	6.71	11	27.94
4	38	11.58	28	71.12
5	42	12.80	17	43.18
6	48	14.63	22	55.88
7	56	17.07	28	71.12
8	35	10.67	18	45.72
9	28	8.53	18	45.72
10	32	9.75	17	43.18

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	34	86.36
2	58	17.68	34	86.36
3	42	12.80	33	83.82
4	52	15.85	23	58.42
5	55	16.76	24	60.96
6	60	18.29	23	58.42
7	55	16.76	31	78.74
8	59	17.98	38	96.52
9	50	15.24	26	66.04
10	48	14.63	23	58.42
11	35	10.67	21	53.34
12	32	9.75	17	43.18
13	38	11.58	24	60.96
14	35	10.67	23	58.42
15	55	16.76	23	58.42
16	42	12.80	22	55.88
17	55	16.76	30	76.20
18	64	19.51	32	81.28
19	75	22.86	46	116.84
20	80	24.38	48	121.92
21	50	15.24	28	71.12
22	62	18.90	33	83.82
23	55	16.76	20	50.80
24	48	14.63	14	35.56
25	35	10.67	14	35.56
26	42	12.80	16	40.64
27	32	9.75	21	53.34
28	20	6.10	12	30.48
29	25	7.62	13	33.02
30	38	11.58	21	53.34
31	52	15.85	24	60.96
32	85	25.91	53	134.62

Amoora wallichii / (DOODH LALI/LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	95	28.96	20	50.80
2	20	6.10	11	27.94
3	120	36.58	63	160.02

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	24	7.32	18	45.72
2	95	28.96	47	119.38
3	38	11.58	17	43.18
4	32	9.75	23	58.42
5	35	10.67	13	33.02
6	48	14.63	22	55.88

Eurya acuminata / (JHINGNEY KATUS)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	51	15.54	23	58.42

Bridelia retusa / (KOSAI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	19	48.26

Syzygium kurzii / (JONGLI JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	34	86.36
2	38	11.58	14	35.56

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	72	182.88
2	35	10.67	14	35.56
3	125	38.10	75	190.50
4	64	19.51	30	76.20
5	95	28.96	88	223.52

Litsea panamanja / (CHOTO KAWLA/MASURI KAWLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	18	45.72

Syzygium formosum / (JAMUNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	18	45.72

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	17	5.18	13	33.02
3	32	9.75	14	35.56
4	42	12.80	18	45.72
5	45	13.72	13	33.02

Castanopsis indica / (DHALNEY KATUS)				
	Height		Girth	
SL. NO.	ft	m	inch	cm
1	98	29.87	60	152.40

Toona hexandra / (TOON/TUNI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	72	21.95	40	101.60

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	17	5.18	13	33.02
3	32	9.75	14	35.56
4	42	12.80	18	45.72
5	45	13.72	13	33.02

Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	32	81.28
2	20	6.10	13	33.02
3	22	6.71	12	30.48
4	20	6.10	12	30.48
5	22	6.71	14	35.56
6	25	7.62	16	40.64
7	28	8.53	17	43.18
8	32	9.75	14	35.56
9	30	9.14	17	43.18

Citrus indica / (RAMSANTALA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	48	14.63	19	48.26
2	35	10.67	16	40.64
3	48	14.63	62	157.48
4	72	21.95	52	132.08
5	70	21.34	58	147.32
6	48	14.63	49	124.46

Lagerstroemia parviflora / (SIDHA/BAAJE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	26	66.04
2	48	14.63	19	48.26
3	22	6.71	11	27.94
4	48	14.63	18	45.72
5	32	9.75	19	48.26

Zanthoxylum budrunga / (TIMBUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	28	71.12

Turpinia pomifera / (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	21	53.34

NRVK

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***Meliosma simplicifolia*/ (PATPATEY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	41	104.14
2	62	18.90	55	139.70
3	19	5.79	18	45.72
4	65	19.81	47	119.38
5	63	19.20	40	101.60
6	51	15.54	30	76.20
7	40	12.19	14	35.56
8	20	6.10	17	43.18
9	100	30.48	78	198.12
10	20	6.10	17	43.18
11	20	6.10	12	30.48
12	21	6.40	14	35.56
13	24	7.32	15	38.10
14	20	6.10	14	35.56
15	21	6.40	16	40.64
16	22	6.71	12	30.48
17	20	6.10	16	40.64
18	15	4.57	11	27.94
19	18	5.49	11	27.94
20	31	9.45	17	43.18
21	75	22.86	80	203.20

***Gmelina arborea* / (GAMAR/GAMARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	78	23.77	75	190.50

***Chukrasia tabularis* / (CHIKRASI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	82	24.99	92	233.68
2	55	16.76	52	132.08
3	120	36.58	49	124.46
4	70	21.34	72	182.88
5	110	33.53	84	213.36
6	90	27.43	45	114.30

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	44	111.76
2	92	28.04	90	228.60
3	72	21.95	42	106.68
4	21	6.40	16	40.64
5	105	32.00	63	160.02
6	34	10.36	15	38.10
7	70	21.34	50	127.00
8	140	42.67	71	180.34
9	160	48.77	41	104.14
10	90	27.43	48	121.92
11	110	33.53	72	182.88

***Shorea robusta* / (SAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	140	355.60
2	105	32.00	135	342.90
3	120	36.58	150	381.00
4	10	3.05	160	406.40
5	125	38.10	150	381.00
6	102	31.09	150	381.00
7	150	45.72	93	236.22
8	140	42.67	100	254.00
9	100	30.48	80	203.20
10	110	33.53	140	355.60
11	130	39.62	50	127.00
12	150	45.72	106	269.24
13	140	42.67	130	330.20
14	100	30.48	140	355.60
15	160	48.77	160	406.40

***Lagerstroemia parviflora* /(SIDHA/BAAJE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	67	20.42	45	114.30
2	28	8.53	15	38.10
3	32	9.75	17	43.18
4	40	12.19	20	50.80

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	70	177.80
2	72	21.95	74	187.96
3	72	21.95	54	137.16
4	42	12.80	32	81.28
5	70	21.34	42	106.68
6	72	21.95	55	139.70
7	109	33.22	92	233.68
8	82	24.99	63	160.02
9	73	22.25	60	152.40
10	52	15.85	30	76.20
11	83	25.30	60	152.40
12	61	18.59	50	127.00
13	75	22.86	26	66.04
14	52	15.85	60	152.40
15	38	11.58	40	101.60
16	30	9.14	50	127.00
17	30	9.14	35	88.90
18	130	39.62	68	172.72
19	80	24.38	57	144.78
20	150	45.72	76	193.04
21	80	24.38	36	91.44
22	100	30.48	90	228.60
23	80	24.38	25	63.50
24	65	19.81	31	78.74
25	70	21.34	40	101.60
26	80	24.38	66	167.64

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	103	31.39	55	139.70
2	20	6.10	81	205.74
3	18	5.49	11	27.94
4	80	24.38	90	228.60
5	40	12.19	20	50.80
6	30	9.14	18	45.72
7	90	27.43	70	177.80
8	30	9.14	18	45.72
9	35	10.67	22	55.88

Monoon simiarum / (LAPCHE/SADA LAPCHE/LAPSHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	25	63.50
2	25	7.62	12	30.48
3	68	20.73	42	106.68
4	39	11.89	19	48.26
5	27	8.23	10	25.40
6	42	12.80	17	43.18
7	22	6.71	10	25.40
8	32	9.75	20	50.80
9	52	15.85	28	71.12
10	22	6.71	16	40.64
11	18	5.49	12	30.48
12	45	13.72	23	58.42
13	22	6.71	11	27.94
14	32	9.75	28	71.12
15	28	8.53	16	40.64
16	17	5.18	10	25.40
17	65	19.81	26	66.04
18	25	7.62	19	48.26
19	70	21.34	29	73.66
20	60	18.29	23	58.42

Premna bengalensis / (GIDRAJ/GINARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	22	55.88
2	22	6.71	10	25.40
3	20	6.10	12	30.48
4	23	7.01	10	25.40
5	52	15.85	100	254.00
6	90	27.43	44	111.76

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	37	93.98
2	41	12.50	27	68.58
3	15	4.57	13	33.02
4	100	30.48	120	304.80

Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	18	45.72
2	42	12.80	20	50.80
3	32	9.75	35	88.90
4	20	6.10	25	63.50
5	40	12.19	21	53.34
6	30	9.14	17	43.18

Litsea panamanja / (CHOTO KAWLA/MASURI KAWLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	43	13.11	28	71.12

Wrightia tomentosa / (DOODHIA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	21	53.34

Amoora wallichii/ (DOODH LALI/LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	21	53.34
2	107	32.61	74	188

Xylia xylocarpa / (LOHA KATH)				
SL.	Height		Girth	
	ft	m	inch	cm
1	43	13.11	23	58.42
2	95	28.96	50	127.00
3	90	27.43	74	187.96
4	70	21.34	19	48.26

Michelia excelsa / (RANI CHAAP)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	170	431.80

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	40	101.60
2	73	22.25	48	121.92
3	25	7.62	10	25.40
4	64	19.51	15	38.10
5	41	12.50	19	48.26
6	58	17.68	46	116.84
7	44	13.41	36	91.44
8	51	15.54	40	101.60
9	54	16.46	30	76.20
10	37	11.28	17	43.18
11	43	13.11	16	40.64
12	30	9.14	15	38.10
13	38	11.58	32	81.28
14	72	21.95	39	99.06
15	28	8.53	10	25.40
16	24	7.32	25	63.50
17	28	8.53	16	40.64
18	62	18.90	70	177.80

Syzygium cumini / (JAM/KALO JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	22	55.88
2	17	5.18	14	35.56
3	70	21.34	22	55.88

Toona hexandra / (TOON/TUNI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	90	228.60
2	72	21.95	40	101.60

Actinodaphne obovata/ (RUNCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	17	43.18
2	42	12.80	44	111.8

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	25	7.62	18	45.72
3	43	13.11	22	55.88
4	27	8.23	34	86.36
5	38	11.58	40	101.60
6	22	6.71	23	58.42
7	20	6.10	35	88.90
8	35	10.67	26	66.04
9	15	4.57	23	58.42
10	25	7.62	16	40.64
11	30	9.14	16	40.64
12	35	10.67	18	45.72
13	110	33.53	70	177.80
14	35	10.67	18	45.72
15	80	24.38	29	73.66

***Antidesma acidum* / (ARCHAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	23	7.01	19	48.26
2	20	6.10	16	40.64
3	52	15.85	30	76.20
4	17	5.18	15	38.10
5	23	7.01	20	50.80

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	93	28.35	62	157.5

***Bischofia javanica* / (KAINJAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	140	42.67	120	304.80
2	60	18.29	44	111.76
3	110	33.53	73	185.42
4	22	6.71	12	30.48

***Lannea coromandelica* / (JEOL/JIGA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	107	32.61	90	228.60

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	80	203.20
2	76	23.16	80	203.20
3	95	28.96	90	228.60
4	110	33.53	50	127.00
5	120	36.58	80	203.20
6	80	24.38	55	139.70
7	70	21.34	29	73.66
8	90	27.43	41	104.14
9	110	33.53	30	76.20
10	130	39.62	46	116.84
11	110	33.53	48	121.92
12	35	10.67	14	35.56

***Cephalanthus tetrandra*/ (KALI KATH)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	17	43.18

***Turpinia pomifera* / (THALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	95	28.96	60	152.40

***Oroxylum indicum*/ (TOTOLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	80	203.20
2	24	7.32	18	45.72
3	25	7.62	20	50.80
4	25	7.62	16	40.64
5	25	7.62	11	27.94

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	39	99.06
2	80	24.38	26	66.04
3	130	39.62	120	304.80

***Sloanea sterculiacea* / (BHAISI KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	40	101.60
2	70	21.34	25	63.50

***Syzygium kurzii* / (JONGLI JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	10	25.40
2	85	25.91	45	114.30
3	110	33.53	80	203.20

***Tetrameles nudiflora* / (MOYNA/SADA MOYNA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	51	129.54
2	70	21.34	21	53.34
3	65	19.81	22	55.88
4	55	16.76	13	33.02
5	55	16.76	15	38.10
6	35	10.67	11	27.94

***Ficus benghalensis* / (BOT)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	21	53.34

***Syzygium jambolanum* / (SADA JAM/CHOTO JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	22	55.88

***Mallotus philippensis* / (SINDOORI)**				
SL. NO.	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**
1	48	14.63	13	33.02
2	55	16.76	22	55.88
3	40	12.19	10	25.40
4	40	12.19	11	27.94
5	60	18.29	15	38.10
6	50	15.24	15	38.10
7	70	21.34	12	30.48
8	85	25.91	28	71.12

***Randia dumetorum* / (MOWKATA)**				
SL. NO.	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**
1	65	19.81	21	53.34

***Cinnamomum bejolghota* / (JUNGLI TEJPATA)**				
SL. NO.	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**
1	45	13.72	18	45.72
2	20	6.10	12	30.48

***Sterculia lanceaefolia* / (BAKAIN/SADA BAKAIN)**				
SL. NO.	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**
1	110	33.53	40	101.60
2	120	36.58	49	124.46

***Chisocheton cumingianus* / (FALA LALI/HARA LALI/FATA LALI)**				
SL. NO.	**Height**		**Girth**	
	ft	**m**	**inch**	**cm**
1	85	25.91	21	53.34
2	30	9.14	16	40.64
3	90	27.43	53	134.6

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Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	93	28.35	80	235.20
2	72	21.95	60	176.40
3	48	14.63	50	147.00
4	99	30.18	90	264.60
5	55	16.76	70	205.80
6	65	19.81	70	205.80
7	88	26.82	63	185.22
8	72	21.95	64	188.16
9	95	28.96	140	411.60
10	20	6.10	12	35.28
11	18	5.49	13	38.22
12	82	24.99	72	211.68
13	96	29.26	60	176.40
14	112	34.14	88	258.72
15	72	21.95	41	120.54
16	88	26.82	55	161.70
17	82	24.99	92	270.48
18	92	28.04	70	205.80
19	52	15.85	40	117.60
20	32	9.75	34	99.96
21	86	26.21	92	270.48
22	52	15.85	53	155.82
23	78	23.77	48	141.12
24	62	18.90	53	155.82
25	76	23.16	29	85.26
26	98	29.87	72	211.68
27	96	29.26	45	132.30
28	58	17.68	27	79.38
29	62	18.90	20	58.80
30	116	35.36	41	120.54
31	93	28.35	48	141.12
32	80	24.38	44	129.36
33	141	42.98	120	352.80
34	70	21.34	40	117.60
35	116	35.36	60	176.40
36	73	22.25	32	94.08
37	90	27.43	56	164.64
38	103	31.39	45	132.30
39	132	40.23	52	152.88

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	100	254.00
2	120	36.58	110	323.40
3	118	35.97	125	367.50
4	108	32.92	130	382.20
5	105	32.00	135	396.90
6	102	31.09	130	382.20
7	98	29.87	125	367.50
8	130	39.62	155	455.70
9	121	36.88	133	391.02
10	108	32.92	140	411.60
11	112	34.14	90	264.60
12	155	47.24	160	470.40
13	132	40.23	64	188.16
14	168	51.21	140	411.60
15	117	35.66	104	305.76
16	134	40.84	106	311.64

Chisocheton cumingianus / (FALA LALI/HARA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	86	26.21	104	264.16
2	144	43.89	120	304.80
3	26	7.92	10	25.40
4	156	47.55	82	208.28

Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	30	76.20

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	123	37.49	140	355.60
2	130	39.62	160	406.40
3	125	38.10	110	279.40
4	102	31.09	70	177.80

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	41	12.50	26	66.04
2	37	11.28	24	60.96
3	86	26.21	44	111.76
4	42	12.80	32	81.28
5	63	19.20	44	111.76
6	42	12.80	16	40.64
7	58	17.68	28	71.12
8	20	6.10	13	33.02
9	44	13.41	19	48.26
10	24	7.32	17	43.18
11	45	13.72	28	71.12
12	24	7.32	29	73.66
13	35	10.67	45	114.30
14	84	25.60	72	182.88
15	66	20.12	42	106.68
16	32	9.75	23	58.42
17	38	11.58	18	45.72
18	63	19.20	60	152.40
19	26	7.92	11	27.94
20	28	8.53	10	25.40
21	26	7.92	10	25.40
22	38	11.58	11	27.94
23	28	8.53	10	25.40
24	58	17.68	13	33.02
25	36	10.97	12	30.48
26	38	11.58	11	27.94
27	28	8.53	10	25.40
28	42	12.80	10	25.40
29	30	9.14	12	30.48
30	29	8.84	12	30.48
31	27	8.23	10	25.40
32	57	17.37	18	45.72
33	39	11.89	17	43.18
34	92	28.04	72	182.88
35	87	26.52	50	127.00
36	55	16.76	26	66.04
37	41	12.50	22	55.88
38	28	8.53	11	27.94
39	96	29.26	49	124.46
40	66	20.12	31	78.74

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	72	21.95	19	48.26
42	71	21.64	26	66.04

Premna bengalensis / (GIDRAJ/GINARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	28	71.12
2	17	5.18	15	38.10
3	34	10.36	32	81.28
4	24	7.32	25	63.50
5	44	13.41	35	88.90
6	21	6.40	19	48.26
7	37	11.28	38	96.52
8	24	7.32	22	55.88
9	31	9.45	27	68.58
10	28	8.53	26	66.04
11	24	7.32	15	38.10
12	49	14.94	74	187.96
13	32	9.75	27	68.58

Antidesma acidum / (ARCHAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	19	5.79	19	48.26
2	15	4.57	13	33.02
3	27	8.23	19	48.26
4	17	5.18	15	38.10
5	15	4.57	18	45.72
6	28	8.53	32	81.28
7	42	12.80	29	73.66
8	41	12.50	24	60.96
9	16	4.88	11	27.94
10	31	9.45	23	58.42
11	27	8.23	21	53.34
12	35	10.67	32	81.28
13	16	4.88	12	30.48

Monoon simiarum / (LAPCHE/SADA LAPCHE/LAPSHI)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
					1	32	9.75	19	48.26	41	48	14.63	17	43.18
					2	70	21.34	41	104.14	42	68	20.73	20	50.80
					3	82	24.99	50	127.00	43	82	24.99	57	144.78
					4	16	4.88	14	35.56	44	38	11.58	19	48.26
					5	18	5.49	15	38.10	45	72	21.95	26	66.04
					6	38	11.58	32	81.28	46	82	24.99	24	60.96
					7	44	13.41	30	76.20	47	75	22.86	22	55.88
					8	22	6.71	15	38.10	48	37	11.28	16	40.64
					9	18	5.49	14	35.56	49	111	33.83	34	86.36
					10	21	6.40	11	27.94	50	21	6.40	10	25.40
					11	22	6.71	11	27.94	51	39	11.89	21	53.34
					12	24	7.32	14	35.56	52	88	26.82	23	58.42
					13	28	8.53	16	40.64	53	33	10.06	12	30.48
					14	33	10.06	21	53.34	54	31	9.45	12	30.48
					15	52	15.85	29	73.66	55	25	7.62	12	30.48
					16	56	17.07	27	68.58	56	39	11.89	21	53.34
					17	46	14.02	25	63.50	57	39	11.89	27	68.58
					18	33	10.06	18	45.72	58	25	7.62	14	35.56
					19	42	12.80	22	55.88	59	33	10.06	15	38.10
					20	24	7.32	17	43.18	60	81	24.69	34	86.36
					21	24	7.32	15	38.10	61	55	16.76	27	68.58
					22	25	7.62	15	38.10	62	49	14.94	19	48.26
					23	28	8.53	23	58.42	63	27	8.23	10	25.40
					24	18	5.49	12	30.48					
					25	20	6.10	20	50.80					
					26	22	6.71	14	35.56					
					27	24	7.32	17	43.18					
					28	25	7.62	16	40.64					
					29	27	8.23	16	40.64					
					30	18	5.49	11	27.94					
					31	98	29.87	86	218.44					
					32	96	29.26	80	203.20					
					33	62	18.90	60	152.40					
					34	86	26.21	35	88.90					
					35	58	17.68	34	86.36					
					36	68	20.73	32	81.28					
					37	113	34.44	60	152.40					
					38	32	9.75	11	27.94					
					39	33	10.06	11	27.94					
					40	35	10.67	11	27.94					

Litsea panamanja / (CHOTO KAWLA/MASURI KAWLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	18	5.49	12	30.48

Sterculia villosa / (UDLA/ODAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	123	37.49	84	213.36
2	109	33.22	90	228.60
3	86	26.21	104	264.16
4	57	17.37	72	182.88
5	120	36.58	160	406.40
6	132	40.23	92	233.68

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	104	31.70	80	203.20
2	31	9.45	21	53.34
3	65	19.81	45	114.30
4	85	25.91	84	213.36
5	56	17.07	46	116.84
6	37	11.28	22	55.88
7	110	33.53	70	177.80
8	21	6.40	17	43.18
9	22	6.71	21	53.34
10	21	6.40	13	33.02
11	56	17.07	38	96.52
12	29	8.84	27	68.58
13	37	11.28	35	88.90
14	17	5.18	15	38.10
15	12	3.66	10	25.40
16	17	5.18	12	30.48
17	27	8.23	21	53.34
18	17	5.18	16	40.64
19	20	6.10	14	35.56
20	18	5.49	16	40.64
21	22	6.71	15	38.10
22	16	4.88	19	48.26
23	54	16.46	34	86.36
24	78	23.77	60	152.40
25	15	4.57	18	45.72
26	123	37.49	120	304.80
27	126	38.40	51	129.54
28	144	43.89	120	304.80
29	62	18.90	21	53.34
30	118	35.97	52	132.08
31	59	17.98	35	88.90
32	113	34.44	46	116.84

Toona hexandra / (TOON/TUNI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	60	152.40
2	72	21.95	39	99.06
3	84	25.60	44	111.76

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	20	50.80
2	22	6.71	24	60.96
3	39	11.89	31	78.74
4	58	17.68	28	71.12
5	70	21.34	27	68.58
6	52	15.85	19	48.26
7	46	14.02	17	43.18
8	39	11.89	16	40.64
9	46	14.02	19	48.26
10	121	36.88	44	111.76
11	88	26.82	46	116.84
12	72	21.95	46	116.84
13	28	8.53	16	40.64
14	20	6.10	10	25.40
15	42	12.80	25	63.50
16	22	6.71	10	25.40
17	138	42.06	76	193.04
18	53	16.15	14	35.56
19	58	17.68	33	83.82
20	88	26.82	60	152.40
21	33	10.06	19	48.26
22	42	12.80	19	48.26
23	48	14.63	16	40.64

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	82	24.99	70	177.80
2	19	5.79	14	35.56

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	13	33.02
2	28	8.53	17	43.18
3	32	9.75	20	50.80
4	37	11.28	24	60.96
5	41	12.50	18	45.72

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	104	31.70	92	233.68
2	101	30.78	80	203.20
3	87	26.52	60	152.40
4	52	15.85	53	134.62
5	138	42.06	60	152.40
6	118	35.97	45	114.30
7	46	14.02	39	99.06
8	68	20.73	36	91.44
9	81	24.69	34	86.36
10	123	37.49	56	142.24
11	113	34.44	88	223.52

Turpinia pomifera/ (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	88	26.82	90	228.60

Lagerstroemia parviflora / (SIDHA/BAAJE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	17	43.18
2	28	8.53	10	25.40
3	59	17.98	29	73.66

Syzygium operculatum / (KATH JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	10	3.05	18	45.72

Amoora wallichii / (DOODH LALI/LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	133	40.54	104	264.16
2	112	34.14	68	172.72
3	58	17.68	32	81.28
4	32	9.75	17	43.18

Careya arborea / (KUMBHI)					*Xylia xylocarpa* / (LOHA KATH)					*Albizia procera* / (SADA SIRISH)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	42	12.80	30	76.20	1	34	10.36	16	40.64	1	26	7.92	11	27.94
					2	151	46.02	106	269.24					

Gmelina arborea / (GAMAR/GAMARI)					*Terminalia myriocarpa* / (PANISAL)					*Mallotus nudiflorus* / (PITHALI)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	58	17.68	70	177.80	1	66	20.12	20	50.80	1	46	14.02	15	38.10

Tetrameles nudiflora / (MOYNA/SADA MOYNA)					*Morinda angustifolia*/ (KORIPHOOL)					*Syzygium jambolanum* / (SADA JAM/CHOTOJAM)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	68	20.73	21	53.34	1	18	5.49	11	27.94	1	25	7.62	12	30.48
2	38	11.58	14	35.56	2	17	5.18	10	25.40					

NRVK

NRVK SP 9

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	33	83.82
2	120	36.58	35	88.90
3	60	18.29	32	81.28
4	152	46.33	49	124.46
5	18	5.49	11	27.94
6	17	5.18	12	30.48
7	20	6.10	13	33.02
8	22	6.71	13	33.02
9	20	6.10	18	45.72
10	20	6.10	14	35.56
11	22	6.71	16	40.64
12	25	7.62	17	43.18
13	30	9.14	18	45.72
14	30	9.14	16	40.64
15	32	9.75	17	43.18

Toona hexandra / (TOON/TUNI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	62	157.48
2	152	46.33	51	129.54

Balakata baccata / (AKHATARU)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	70	177.80
2	145	44.20	120	304.80
3	150	45.72	105	266.70
4	142	43.28	110	279.40

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	84	213.36
2	160	48.77	48	121.92
3	57	17.37	43	109.22
4	158	48.16	88	223.52

Monoon simiarum / (LAPCHE/SADA LAPCHE/LAPSHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	35	88.90
2	74	22.56	38	96.52
3	72	21.95	32	81.28
4	58	17.68	25	63.50
5	53	16.15	15	38.10
6	53	16.15	20	50.80
7	70	21.34	26	66.04
8	65	19.81	32	81.28
9	58	17.68	18	45.72
10	85	25.91	34	86.36
11	50	15.24	19	48.26
12	30	9.14	24	60.96
13	35	10.67	14	35.56
14	15	4.57	12	30.48
15	120	36.58	56	142.24
16	50	15.24	13	33.02
17	72	21.95	24	60.96
18	70	21.34	17	43.18
19	50	15.24	22	55.88
20	76	23.16	35	88.90
21	52	15.85	14	35.56
22	82	24.99	33	83.82
23	53	16.15	19	48.26
24	25	7.62	12	30.48
25	50	15.24	19	48.26
26	25	7.62	12	30.48
27	50	15.24	20	50.80
28	62	18.90	23	58.42
29	57	17.37	23	58.42
30	100	30.48	40	101.60
31	75	22.86	31	78.74
32	20	6.10	18	45.72
33	35	10.67	27	68.58
34	36	10.97	24	60.96
35	32	9.75	20	50.80
36	36	10.97	18	45.72
37	37	11.28	27	68.58
38	40	12.19	28	71.12

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	140	42.67	96	243.84
2	155	47.24	120	304.80
3	150	45.72	96	243.84
4	115	35.05	100	254.00
5	107	32.61	80	203.20
6	150	45.72	85	215.90
7	200	60.96	144	365.76
8	210	64.01	150	381.00
9	190	57.91	112	284.48
10	210	64.01	95	241.30
11	146	44.50	93	236.22
12	152	46.33	90	228.60
13	125	38.10	100	254.00
14	155	47.24	90	228.60
15	135	41.15	104	264.16
16	114	34.75	90	228.60
17	153	46.63	100	254.00
18	105	32.00	92	233.68
19	210	64.01	94	238.76
20	180	54.86	74	187.96
21	210	64.01	105	266.70

Syzygium jambolanum / (SADA JAM/CHOTOJAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	44	111.76
2	55	16.76	48	121.92

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	28	71.12
2	57	17.37	19	48.26
3	62	18.90	20	50.80
4	75	22.86	35	88.90
5	76	23.16	26	66.04
6	32	9.75	28	71.12
7	25	7.62	19	48.26

Ailanthus integrifolia / (GOKUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	20	50.80
2	24	7.32	12	30.48
3	38	11.58	15	38.10
4	62	18.90	25	63.50
5	45	13.72	16	40.64

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	125	38.10	80	203.20
2	78	23.77	35	88.90
3	95	28.96	48	121.92
4	150	45.72	100	254.00
5	152	46.33	82	208.28
6	120	36.58	45	114.30
7	150	45.72	94	238.76
8	143	43.59	42	106.68
9	100	30.48	80	203.20
10	205	62.48	110	279.40
11	210	64.01	104	264.16

Garuga pinnata / (DABDABEY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	105	32.00	90	228.60
2	73	22.25	38	96.52
3	142	43.28	48	121.92
4	67	20.42	35	88.90
5	120	36.58	85	215.90

Sterculia villosa / (UDLA/ODAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	72	21.95	37	93.98
2	225	68.58	115	292.10
3	210	64.01	150	381.00
4	210	64.01	95	241.30

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	105	32.00	64	162.56
2	72	21.95	30	76.20
3	54	16.46	12	30.48
4	45	13.72	11	27.94
5	70	21.34	28	71.12
6	75	22.86	24	60.96
7	42	12.80	15	38.10
8	18	5.49	20	50.80
9	15	4.57	17	43.18
10	47	14.33	15	38.10
11	32	9.75	15	38.10
12	55	16.76	21	53.34
13	38	11.58	28	71.12
14	60	18.29	39	99.06
15	25	7.62	22	55.88
16	62	18.90	22	55.88
17	38	11.58	21	53.34
18	31	9.45	19	48.26
19	17	5.18	21	53.34
20	68	20.73	27	68.58
21	32	9.75	18	45.72
22	50	15.24	33	83.82
23	55	16.76	31	78.74
24	72	21.95	37	93.98
25	52	15.85	26	66.04
26	35	10.67	22	55.88
27	12	3.66	17	43.18
28	95	28.96	30	76.20

Turpinia pomifera / (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	35	88.90

Magnolia champaca / (CHAAMP)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	72	21.95	47	119.38

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	125	38.10	110	279.40
2	81	24.69	50	127.00
3	104	31.70	48	121.92
4	55	16.76	36	91.44
5	152	46.33	48	121.92
6	150	45.72	36	91.44
7	75	22.86	38	96.52
8	120	36.58	46	116.84
9	70	21.34	44	111.76
10	130	39.62	54	137.16
11	110	33.53	55	139.70
12	70	21.34	28	71.12
13	155	47.24	62	157.48
14	150	45.72	50	127.00
15	58	17.68	20	50.80
16	76	23.16	48	121.92
17	81	24.69	70	177.80
18	72	21.95	51	129.54
19	75	22.86	43	109.22
20	120	36.58	81	205.74
21	70	21.34	34	86.36
22	72	21.95	43	109.22
23	100	30.48	72	182.88
24	172	52.43	85	215.90
25	150	45.72	56	142.24
26	110	33.53	26	66.04
27	65	19.81	28	71.12
28	70	21.34	30	76.20

Albizia procera / (SADA SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	11	27.94

Premna bengalensis / (GIDRAJ/GINARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	110	279.40

Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	85	25.91	88	223.52
2	51	15.54	21	53.34
3	110	33.53	84	213.36
4	81	24.69	70	177.80
5	148	45.11	90	228.60
6	20	6.10	15	38.10
7	145	44.20	47	119.38
8	70	21.34	56	142.24
9	62	18.90	37	93.98
10	93	28.35	70	177.80
11	70	21.34	26	66.04
12	70	21.34	53	134.62
13	100	30.48	52	132.08
14	52	15.85	27	68.58
15	72	21.95	28	71.12
16	80	24.38	35	88.90
17	150	45.72	48	121.92
18	42	12.80	37	93.98
19	75	22.86	39	99.06
20	140	42.67	60	152.40
21	95	28.96	70	177.80
22	200	60.96	60	152.40
23	22	6.71	20	50.80

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	15	38.10
2	56	17.07	20	50.80
3	35	10.67	13	33.02
4	52	15.85	12	30.48
5	50	15.24	15	38.10
6	142	43.28	49	124.46
7	65	19.81	14	35.56
8	104	31.70	54	137.16
9	50	15.24	32	81.28
10	70	21.34	25	63.50
11	72	21.95	26	66.04
12	15	4.57	11	27.94
13	75	22.86	50	127.00
14	180	54.86	70	177.80
15	73	22.25	28	71.12
16	32	9.75	15	38.10
17	50	15.24	28	71.12
18	55	16.76	30	76.20
19	32	9.75	17	43.18
20	85	25.91	37	93.98

Vitex peduncularis / (CHARAI GOURA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	13	33.02
2	23	7.01	14	35.56
3	20	6.10	14	35.56
4	22	6.71	15	38.10
5	50	15.24	21	53.34
6	25	7.62	15	38.10
7	52	15.85	24	60.96
8	27	8.23	19	48.26

Zanthoxylum budrunga / (TIMBUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	145	44.20	96	243.84
2	150	45.72	71	180.34

Tetrameles nudiflora / (MOYNA/SADA MOYNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	38	96.52

Careya arborea / (KUMBHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	15	38.10

Gmelina arborea / (GAMAR/GAMARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	53	16.15	16	40.64
2	64	19.51	24	60.96
3	65	19.81	21	53.34
4	35	10.67	18	45.72
5	36	10.97	28	71.12

Syzygium cumini / (JAM/KALO JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	28	71.12
2	70	21.34	23	58.42
3	185	56.39	84	213.36

Morus indica / (TOONTH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	32	81.28
2	23	7.01	15	38.10

Albizia chinensis / (SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	18	45.72
2	25	7.62	20	50.80

Lagerstroemia parviflora / (SIDHA/BAAJE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	82	24.99	80	203.20
2	120	36.58	45	114.30

CHEKO

Cheko SP 1

Schima wallichii / (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	20	50.80
2	39	11.89	21	53.34
3	114	34.75	60	152.40
4	88	26.82	52	132.08
5	57	17.37	31	78.74
6	22	6.71	10	25.40
7	66	20.12	26	66.04
8	45	13.72	19	48.26
9	63	19.20	24	60.96
10	37	11.28	18	45.72
11	82	24.99	47	119.38
12	40	12.19	23	58.42
13	37	11.28	16	40.64
14	117	35.66	84	213.36
15	90	27.43	31	78.74
16	69	21.03	33	83.82
17	110	33.53	39	99.06
18	127	38.71	60	152.40
19	41	12.50	16	40.64
20	59	17.98	35	88.90
21	81	24.69	34	86.36
22	22	6.71	12	30.48
23	60	18.29	50	127.00
24	153	46.63	62	157.48
25	156	47.55	50	127.00
26	82	24.99	35	88.90
27	25	7.62	42	106.68
28	131	39.93	50	127.00
29	33	10.06	15	38.10
30	49	14.94	17	43.18
31	80	24.38	27	68.58
32	88	26.82	36	91.44
33	164	49.99	88	223.52
34	112	34.14	41	104.14
35	148	45.11	60	152.40
36	162	49.38	72	182.88
37	112	34.14	60	152.40
38	127	38.71	100	254.00
39	111	33.83	52	132.08
40	82	24.99	35	88.90
41	102	31.09	52	132.08

Sterculia lanceaefolia / (BAKAIN/SADA BAKAIN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	29	73.66

Meliosma simplicifolia / (PATPATEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	23	58.42
2	42	12.80	15	38.10
3	36	10.97	29	73.66
4	64	19.51	30	76.20
5	69	21.03	18	45.72
6	70	21.34	32	81.28
7	42	12.80	21	53.34
8	55	16.76	22	55.88
9	38	11.58	20	50.80
10	43	13.11	15	38.10
11	40	12.19	15	38.10
12	72	21.95	16	40.64
13	65	19.81	43	109.22
14	59	17.98	16	40.64
15	80	24.38	31	78.74
16	59	17.98	27	68.58

Zanthoxylum armatum / (TIMBUR)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	31	9.45	11	27.94
2	39	11.89	17	43.18
3	90	27.43	54	137.16
4	59	17.98	23	58.42

Balakata baccata / (AKHATARU)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	98	29.87	76	193.04
2	127	38.71	80	203.20
3	162	49.38	120	304.80

Albizzia Lebbeck/ (KALA SIRISH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	21	53.34
2	60	18.29	41	104.14
3	102	31.09	31	78.74
4	130	39.62	70	177.80
5	40	12.19	14	35.56
6	68	20.73	35	88.90
7	84	25.60	42	106.68

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Albizia procera/ (SADA SIRISH/SWET SIRISH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	22	55.88
2	62	18.90	33	83.82
3	60	18.29	31	78.74
4	42	12.80	29	73.66
5	31	9.45	15	38.10
6	93	28.35	60	152.40
7	70	21.34	47	119.38
8	26	7.92	14	35.56
9	32	9.75	13	33.02
10	70	21.34	34	86.36
11	39	11.89	26	66.04
12	54	16.46	20	50.80
13	142	43.28	90	228.60
14	103	31.39	38	96.52
15	27	8.23	14	35.56
16	42	12.80	14	35.56

Dillenia pentagyna / (TATARI/RAY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	120	304.80

Syzygium jambolanum / (SADA JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	25	63.50
2	62	18.90	26	66.04
3	38	11.58	14	35.56
4	142	43.28	66	167.64

Sloanea sterculiacea / (BHAISI KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	11	27.94
2	75	22.86	30	76.20
3	33	10.06	24	60.96
4	49	14.94	17	43.18

Ficus elastica / (RUBBER)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	81	24.69	28	71.12

Vitex peduncularis / (CHARAI GOURA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	20	50.80
2	45	13.72	17	43.18
3	41	12.50	17	43.18
4	32	9.75	11	27.94
5	22	6.71	10	25.40
6	29	8.84	16	40.64
7	22	6.71	27	68.58
8	30	9.14	28	71.12
9	65	19.81	45	114.30
10	28	8.53	13	33.02
11	60	18.29	18	45.72
12	36	10.97	22	55.88
13	38	11.58	13	33.02
14	38	11.58	16	40.64
15	18	5.49	13	33.02
16	52	15.85	17	43.18
17	35	10.67	15	38.10
18	48	14.63	15	38.10
19	50	15.24	29	73.66
20	15	4.57	10	25.40
21	40	12.19	19	48.26
22	88	26.82	50	127.00
23	26	7.92	12	30.48
24	42	12.80	16	40.64
25	38	11.58	20	50.80
26	42	12.80	22	55.88
27	67	20.42	23	58.42
28	37	11.28	18	45.72
29	25	7.62	14	35.56
30	41	12.50	19	48.26
31	31	9.45	18	45.72
32	43	13.11	22	55.88
33	57	17.37	20	50.80

Terminalia bellirica / (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	10	25.40

Turpinia pomifera / (THALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	12	30.48

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Alstonia scholaris / (CHATIYAN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	20	50.80

Callicarpa arborea / (BOGDO/GOYLO/KHODO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	19	48.26
2	40	12.19	27	68.58
3	42	12.80	19	48.26
4	23	7.01	15	38.10
5	37	11.28	15	38.10
6	52	15.85	11	27.94

Cinnamomum glaucescens/ (MALAGIRI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	220	67.06	240	609.60

Careya arborea / (KUMBHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	12	30.48

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	144	43.89	120	304.80
2	79	24.08	45	114.30
3	122	37.19	50	127.00
4	44	13.41	34	86.36

Terminalia chebula / (HORITOKI/HARRA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	52	132.08
2	110	33.53	46	116.84
3	134	40.84	96	243.84
4	48	14.63	18	45.72

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	107	32.61	65	165.10
2	142	43.28	120	304.80
3	139	42.37	122	309.88
4	59	17.98	24	60.96
5	39	11.89	17	43.18
6	69	21.03	50	127.00
7	39	11.89	15	38.10
8	72	21.95	44	111.76
9	32	9.75	16	40.64
10	27	8.23	10	25.40
11	48	14.63	27	68.58
12	25	7.62	11	27.94
13	42	12.80	24	60.96
14	39	11.89	13	33.02
15	28	8.53	11	27.94
16	48	14.63	20	50.80
17	30	9.14	18	45.72
18	130	39.62	48	121.92
19	156	47.55	60	152.40
20	42	12.80	18	45.72
21	160	48.77	120	304.80
22	123	37.49	90	228.60
23	106	32.31	56	142.24
24	62	18.90	26	66.04
25	77	23.47	28	71.12
26	72	21.95	48	121.92

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	15	38.10
2	126	38.40	24	60.96
3	104	31.70	54	137.16
4	180	54.86	134	340.36
5	108	32.92	56	142.24
6	156	47.55	100	254.00
7	58	17.68	23	58.42
8	54	16.46	22	55.88
9	84	25.60	60	152.40
10	30	9.14	14	35.56
11	103	31.39	80	203.20

Elaeocarpus varuua / (BHADRASE/LALPATEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48
2	30	9.14	19	48.26

CHEKO

Shorea robusta / (SAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	152	46.33	106	269.24
2	128	39.01	90	228.60
3	72	21.95	25	63.50

Sterculia villosa/ (UDLA/ODAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	130	330.20

Amoora wallichii / (LALI/DOODH LALI/AARE LALI/GOTA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	132	40.23	104	264.16
2	56	17.07	21	53.34
3	29	8.84	14	35.56
4	122	37.19	70	177.80
5	84	25.60	59	149.86
6	25	7.62	13	33.02
7	123	37.49	80	203.20
8	112	34.14	60	152.40
9	154	46.94	100	254.00

Amoora wallichii / (LALI/DOODH LALI/AARE				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	132	40.23	104	264.16
2	56	17.07	21	53.34
3	29	8.84	14	35.56
4	122	37.19	70	177.80
5	84	25.60	59	149.86
6	25	7.62	13	33.02
7	123	37.49	80	203.20
8	112	34.14	60	152.40
9	154	46.94	100	254.00

Monoon simiarum/ (LAAPCHE/LAAPSHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	30	76.20
2	37	11.28	12	30.48
3	48	14.63	25	63.50
4	35	10.67	23	58.42
5	32	9.75	13	33.02

Mallotus nudiflorus/ (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	50	127.00

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10
2	35	10.67	23	58.42

Gmelina arborea / (GAMAR/GAMARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	38	96.52

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	16	40.64
2	19	5.79	13	33.02
3	35	10.67	22	55.88
4	32	9.75	13	33.02
5	35	10.67	13	33.02

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	26	7.92	12	30.48
2	156	47.55	120	304.80
3	62	18.90	35	88.90
4	175	53.34	212	538.48
5	67	20.42	44	111.76
6	91	27.74	60	152.40
7	133	40.54	140	355.60
8	113	34.44	28	71.12

Toona hexandra / (TOON/TUNI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	140	42.67	160	406.40

***Polyalthia simiarum* / (Bhutia Lapche)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	49	14.94	25	63.50
2	88	26.82	38	96.52
3	38	11.58	15	38.10
4	30	9.14	10	25.40
5	32	9.75	12	30.48
6	25	7.62	10	25.40
7	29	8.84	24	60.96
8	52	15.85	31	78.74
9	21	6.40	10	25.40
10	30	9.14	14	35.56
11	51	15.54	27	68.58
12	78	23.77	35	88.90
13	28	8.53	11	27.94
14	20	6.10	14	35.56
15	40	12.19	16	40.64
16	60	18.29	20	50.80
17	52	15.85	15	38.10
18	70	21.34	43	109.22
19	40	12.19	18	45.72
20	25	7.62	18	45.72
21	30	9.14	12	30.48
22	36	10.97	15	38.10
23	63	19.20	24	60.96
24	30	9.14	14	35.56
25	44	13.41	14	35.56
26	33	10.06	18	45.72
27	82	24.99	30	76.20
28	60	18.29	27	68.58
29	30	9.14	16	40.64
30	35	10.67	22	55.88
31	62	18.90	36	91.44
32	94	28.65	30	76.20
33	35	10.67	12	30.48
34	28	8.53	12	30.48
35	33	10.06	13	33.02
36	35	10.67	27	68.58
37	107	32.61	70	177.80
38	29	8.84	11	27.94
39	48	14.63	19	48.26
40	65	19.81	19	48.26
41	35	10.67	14	35.56
42	65	19.81	19	48.26

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Cheko SP 2

Schima wallichii/ (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	92	28.04	35	88.90
2	66	20.12	34	86.36
3	68	20.73	41	104.14
4	57	17.37	24	60.96
5	18	5.49	14	35.56
6	60	18.29	43	109.22
7	64	19.51	36	91.44
8	67	20.42	52	132.08
9	22	6.71	12	30.48
10	72	21.95	36	91.44
11	158	48.16	64	162.56
12	71	21.64	21	53.34
13	148	45.11	44	111.76
14	70	21.34	28	71.12
15	35	10.67	16	40.64
16	50	15.24	26	66.04
17	57	17.37	28	71.12
18	100	30.48	48	121.92
19	120	36.58	90	228.60
20	56	17.07	15	38.10
21	55	16.76	28	71.12
22	162	49.38	84	213.36
23	55	16.76	17	43.18
24	52	15.85	24	60.96
25	58	17.68	37	93.98
26	62	18.90	38	96.52
27	31	9.45	15	38.10
28	62	18.90	35	88.90
29	75	22.86	38	96.52

Shorea robusta / (SAL)				
SL.NO.	Height		Girth	
1	110	33.53	122	309.88
2	125	38.10	92	233.68
3	113	34.44	68	172.72

Syzygium operculatum / (KATH JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	28	71.12

Dillenia pentagyna/ (TATARI/RAY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	25	63.50
2	80	24.38	50	127.00

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	43	13.11	18	45.72
2	40	12.19	13	33.02
3	20	6.10	13	33.02
4	52	15.85	24	60.96
5	33	10.06	19	48.26
6	45	13.72	18	45.72
7	53	16.15	26	66.04
8	151	46.02	60	152.40
9	25	7.62	12	30.48
10	167	50.90	54	137.16
11	125	38.10	74	187.96
12	160	48.77	80	203.20
13	45	13.72	18	45.72
14	162	49.38	88	223.52
15	57	17.37	16	40.64
16	217	66.14	92	233.68
17	57	17.37	33	83.82
18	162	49.38	70	177.80
19	50	15.24	36	91.44
20	48	14.63	17	43.18
21	56	17.07	25	63.50
22	50	15.24	22	55.88
23	60	18.29	22	55.88
24	105	32.00	50	127.00
25	40	12.19	21	53.34
26	28	8.53	16	40.64
27	42	12.80	20	50.80
28	25	7.62	12	30.48
29	140	42.67	49	124.46
30	150	45.72	70	177.80
31	32	9.75	26	66.04
32	33	10.06	18	45.72
33	110	33.53	85	215.90
35	35	10.67	12	30.48
36	57	17.37	41	104.14
37	62	18.90	37	93.98
38	31	9.45	12	30.48
39	87	26.52	64	162.56

Terminalia bellirica/ (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	115	35.05	48	121.92
2	126	38.40	40	101.60
3	130	39.62	52	132.08

Cephalanthus tetrandra / (Kali Kath)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	1

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Vitex peduncularis/ (CHARAI GOURA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	23	7.01	19	48.26
2	42	12.80	23	58.42
3	32	9.75	21	53.34
4	100	30.48	64	162.56
5	55	16.76	19	48.26
6	40	12.19	21	53.34
7	15	4.57	11	27.94
8	25	7.62	13	33.02
9	47	14.33	20	50.80
10	45	13.72	24	60.96
11	25	7.62	12	30.48
12	38	11.58	15	38.10
13	47	14.33	19	48.26
14	52	15.85	25	63.50

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	38	96.52
2	40	12.19	15	38.10
3	110	33.53	40	101.60
4	172	52.43	64	162.56
5	35	10.67	13	33.02
6	65	19.81	49	124.46
7	23	7.01	11	27.94
8	75	22.86	55	139.70
9	18	5.49	12	30.48

Alstonia scholaris / (CHATIYAN)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48

Syzygium jambolanum / (SADA JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	58	17.68	21	53.34
2	43	13.11	14	35.56
3	50	15.24	18	45.72
4	15	4.57	11	27.94
5	21	6.40	13	33.02
6	203	61.87	80	203.20
7	78	23.77	37	93.98
8	53	16.15	29	73.66
9	38	11.58	15	38.10
10	20	6.10	13	33.02

Elaeocarpus varuua / (BHADRASE/LALPATEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	25	63.50
2	72	21.95	20	50.80
3	57	17.37	60	152.40
4	30	9.14	13	33.02

Dillenia indica / (CHALTA/PAACHPHOLIA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	36	91.44
2	52	15.85	12	30.48
3	120	36.58	64	162.56
4	205	62.48	67	170.18

Citrus indica / (RAMSANTALA)				
SL.NO.	Height		Girth	
1	40	12.19	21	53.34

Litsea lancifolia / (MOKAI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	10	25.40

Garuga pinnata / (DABDABEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	40	101.60
2	94	28.65	42	106.68

Syzygium cumini/ (JAM/LAL JAMUN/KALO JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	39	99.06

Balakata baccata/ (AKHATARU)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	162	49.38	70	177.80
2	140	42.67	53	134.62
3	115	35.05	86	218.44

Neolamarckia cadamba/ (KADAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	121	36.88	60	152.40

CHEKO

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	58	17.68	40	101.60
2	35	10.67	11	27.94
3	58	17.68	27	68.58
4	38	11.58	26	66.04
5	50	15.24	22	55.88
6	30	9.14	12	30.48
7	85	25.91	40	101.60
8	35	10.67	15	38.10
9	25	7.62	11	27.94
10	38	11.58	13	33.02
11	68	20.73	32	81.28

Ficus semicordata / (KHASRE/KUKATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	31	9.45	18	45.72
2	52	15.85	34	86.36
3	36	10.97	11	27.94
4	22	6.71	12	30.48
5	32	9.75	27	68.58
6	35	10.67	11	27.94
7	40	12.19	20	50.80
8	30	9.14	22	55.88
9	45	13.72	13	33.02
10	22	6.71	11	27.94
11	42	12.80	17	43.18
12	35	10.67	17	43.18
13	32	9.75	11	27.94
14	40	12.19	18	45.72
15	49	14.94	20	50.80
16	55	16.76	28	71.12
17	25	7.62	14	35.56
19	15	4.57	12	30.48
20	30	9.14	13	33.02
21	36	10.97	23	58.42
22	38	11.58	11	27.94
23	42	12.80	15	38.10
24	25	7.62	18	45.72

Engelhardtia spicata / (MAHUA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	115	35.05	60	152.40
2	152	46.33	86	218.44
3	63	19.20	35	88.90
4	72	21.95	36	91.44
5	63	19.20	26	66.04
6	215	65.53	92	233.68

Macaranga denticulata / (MALETA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	31	9.45	13	33.02
3	22	6.71	13	33.02

Morinda angustifolia / (HALDE KATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	11	27.94
2	32	9.75	26	66.04
3	48	14.63	25	63.50
4	47	14.33	25	63.50

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48
2	31	9.45	14	35.56
3	17	5.18	12	30.48
4	25	7.62	12	30.48
5	53	16.15	20	50.80
6	55	16.76	24	60.96
7	25	7.62	11	27.94
8	21	6.40	11	27.94
9	42	12.80	21	53.34
10	26	7.92	12	30.48
11	42	12.80	18	45.72
12	22	6.71	12	30.48
13	30	9.14	11	27.94
14	38	11.58	14	35.56
15	22	6.71	15	38.10
16	22	6.71	15	38.10
18	23	7.01	17	43.18
19	52	15.85	30	76.20

Castanopsis indica / (DHALNEY KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	130	39.62	110	279.40
2	125	38.10	105	266.70
3	82	24.99	73	185.42

CHEKO

Turpinia pomifera / (THALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	33	83.82
2	60	18.29	29	73.66
3	75	22.86	41	104.14
4	53	16.15	22	55.88
5	25	7.62	10	25.40
6	157	47.85	44	111.76
7	162	49.38	48	121.92
8	85	25.91	36	91.44
9	76	23.16	34	86.36
10	85	25.91	64	162.56
11	54	16.46	38	96.52
12	125	38.10	62	157.48
13	98	29.87	43	109.22
14	25	7.62	15	38.10
15	50	15.24	21	53.34
16	36	10.97	17	43.18
17	40	12.19	14	35.56
18	21	6.40	12	30.48
19	80	24.38	35	88.90
20	30	9.14	15	38.10
21	26	7.92	12	30.48
22	30	9.14	14	35.56
23	36	10.97	15	38.10
24	32	9.75	12	30.48
25	40	12.19	17	43.18

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48
2	45	13.72	17	43.18
3	170	51.82	54	137.16

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	64	162.56
2	150	45.72	59	149.86
3	149	45.42	40	101.60
4	158	48.16	60	152.40
5	102	31.09	54	137.16
6	49	14.94	13	33.02
7	110	33.53	88	223.52
8	42	12.80	15	38.10
9	72	21.95	35	88.90

Callicarpa arborea / (BOGDO/GOYLO/KHODO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	20	50.80

Mallotus nudiflorus/ (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48

Eurya acuminata/ (JHINGNEY KATUS)				
SL.NO.	*Height*		Girth	
	(ft)	(m)	(inch)	(cm)
1	54	16.46	42	106.68
2	55	16.76	18	45.72
3	145	44.20	42	106.68
4	85	25.91	44	111.76
5	62	18.90	46	116.84
6	72	21.95	50	127.00
7	41	12.50	18	45.72
8	30	9.14	13	33.02

Polyalthia simiarum / (Bhutia Lapche)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	57	17.37	20	50.80
2	40	12.19	16	40.64

Elaeocarpus aristatus / (DALCHIUREY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	44	111.76

Terminalia crenulata / (PAKASAL/PAKASAJ)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	160	48.77	50	127.00
2	152	46.33	46	116.84
3	195	59.44	64	162.56
4	147	44.81	70	177.80

Acer oblongum / (HOOKKA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	35	88.90
2	27	8.23	15	38.10
3	55	16.76	26	66.04
4	47	14.33	21	53.34
5	25	7.62	11	27.94

Xylia xylocarpa / (LOHA KATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	157	47.85	62	157.48

CHEKO

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	24	60.96
2	210	64.01	84	213.36
3	97	29.57	55	139.70
4	57	17.37	48	121.92
5	175	53.34	83	210.82

Amoora wallichii / (LALI/DOODH LALI/AARE LALI/GOTA LALI)				
SL. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	132	40.23	104	264.16
2	56	17.07	21	53.34
3	29	8.84	14	35.56
4	122	37.19	70	177.80
5	84	25.60	59	149.86
6	25	7.62	13	33.02
7	123	37.49	80	203.20
8	112	34.14	60	152.40
9	154	46.94	100	254.00

Quercus lanceaefolia/ (PATLEY KATOOS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	53	16.15	36	91.44
2	50	15.24	29	73.66

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	14	35.56

Oroxylum indicum/ (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	11	27.94

Chukrasia tabularis/ (CHIKRASI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	10	25.40

CHEKO

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Chukrasia tabularis / (CHIKRASI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	157	47.85	47	119.38
2	180	54.86	70	177.80
3	195	59.44	100	254.00
4	65	19.81	50	127.00
5	195	59.44	52	132.08

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	30	76.20
2	148	45.11	56	142.24
3	142	43.28	58	147.32
4	140	42.67	84	213.36
5	110	33.53	58	147.32

Amoora wallichii / (LALI/DOODH LALI/AARE LALI/GOTA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	32	81.28
2	12	3.66	10	25.40
3	31	9.45	19	48.26

Zanthoxylum armatum / (TIMBUR)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	12	3.66	10	25.40
2	62	18.90	24	60.96
3	112	34.14	18	45.72
4	115	35.05	61	154.94

Sloanea sterculiacea / (BHAISI KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	145	44.20	60	152.40

Polyalthia simiarum / (Bhutia Lapche)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	12.63	21	53.34
2	35	13.82	27	68.58
3	140	55.27	54	137.16
4	61	24.08	35	88.90
5	35	13.82	19	48.26
6	37	14.61	22	55.88
7	112	44.22	31	78.74
8	77	30.40	48	121.92
9	46	18.16	30	76.20
10	48	18.95	25	63.50
11	58	22.90	30	76.20
12	42	16.58	17	43.18
13	52	20.53	20	50.80
14	50	19.74	21	53.34
15	117	46.19	80	203.20
16	30	11.84	13	33.02
17	28	11.05	11	27.94
18	36	14.21	17	43.18
19	25	9.87	17	43.18
20	27	10.66	12	30.48
21	26	10.26	19	48.26
22	22	8.69	11	27.94
23	36	14.21	12	30.48
24	38	15.00	15	38.10
25	39	15.40	25	63.50
26	45	17.77	31	78.74
27	36	14.21	15	38.10
28	25	9.87	13	33.02
29	32	12.63	13	33.02

Garuga pinnata / (DABDABEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	65	165.10
2	82	24.99	45	114.30
3	42	12.80	27	68.58

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	27	68.58
2	30	9.14	15	38.10
3	30	9.14	16	40.64
4	32	9.75	14	35.56
5	35	10.67	13	33.02
6	22	6.71	11	27.94
7	42	12.80	15	38.10
8	14	4.27	12	30.48
9	14	4.27	10	25.40
10	30	9.14	23	58.42
11	15	4.57	12	30.48
12	20	6.10	11	27.94
13	35	10.67	18	45.72
14	65	19.81	30	76.20
15	30	9.14	22	55.88
16	15	4.57	12	30.48
17	22	6.71	14	35.56
18	32	9.75	12	30.48
19	22	6.71	18	45.72
20	24	7.32	12	30.48
21	26	7.92	12	30.48
22	22	6.71	18	45.72
23	26	7.92	15	38.10
24	30	9.14	18	45.72
25	15	4.57	12	30.48
26	30	9.14	18	45.72
27	47	14.33	26	66.04
28	35	10.67	17	43.18
29	32	9.75	13	33.02
30	24	7.32	14	35.56
31	22	6.71	12	30.48
32	40	12.19	32	81.28
33	32	9.75	13	33.02
34	65	19.81	14	35.56
35	46	14.02	10	25.40
36	25	7.62	10	25.40
37	22	6.71	10	25.40
38	13	3.96	11	27.94
39	22	6.71	20	50.80
40	23	7.01	12	30.48

CHEKO

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	22	6.71	10	25.40
42	20	6.10	25	63.50
43	21	6.40	15	38.10
44	52	15.85	22	55.88
45	20	6.10	18	45.72
46	40	12.19	32	81.28
47	54	16.46	25	63.50
48	32	9.75	18	45.72

Mallotus nudiflorus / (PITHALI)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	72	21.95	50	127.00
2	180	54.86	34	86.36
3	76	23.16	26	66.04
4	65	19.81	25	63.50
5	47	14.33	18	45.72
6	65	19.81	15	38.10
7	152	46.33	52	132.08
8	72	21.95	38	96.52
9	60	18.29	26	66.04
10	102	31.09	26	66.04

Vitex peduncularis / (CHARAI GARUA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	13	3.96	10	25.40
2	100	30.48	47	119.38
3	30	9.14	13	33.02
4	32	9.75	12	30.48
5	28	8.53	16	40.64
6	22	6.71	13	33.02
7	20	6.10	13	33.02
8	44	13.41	37	93.98

Acer oblongum / (HOOKKA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.25	25	63.50
2	52	15.85	27	68.58
3	22	6.71	10	25.40
4	15	4.57	10	25.40
5	17	5.18	12	30.48
6	25	7.62	15	38.10
7	22	6.71	13	33.02
8	20	6.10	11	27.94
9	35	10.67	12	30.48
10	20	6.10	11	27.94
11	22	6.71	12	30.48
12	24	7.32	13	33.02
13	15	4.57	11	27.94
14	22	6.71	11	27.94
15	40	12.20	13	33.02
16	45	13.72	13	33.02
17	40	12.20	14	35.56
18	22	6.71	10	25.40
19	20	6.10	10	25.40
20	22	6.71	13	33.02
21	33	10.06	13	33.02
22	35	10.67	18	45.72
23	36	10.98	18	45.72
24	34	10.37	16	40.64
25	27	8.23	14	35.56
26	30	9.15	28	71.12
27	61	18.60	49	124.46
28	28	8.54	14	35.56

Turpinia pomifera/ (THALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	53	16.15	22	55.88
2	70	21.34	32	81.28

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10
2	32	9.75	14	35.56
3	23	7.01	11	27.94
4	35	10.67	12	30.48
5	38	11.58	13	33.02
6	30	9.14	14	35.56
7	36	10.97	12	30.48
8	32	9.75	12	30.48
9	37	11.28	19	48.26
10	27	8.23	14	35.56

Eurya acuminata / (JHINGNEY KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	26	66.04

Dillenia indica / (CHALTA/PAACHPHOLIA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	118	35.97	65	165.10
2	170	51.82	48	121.92
3	77	23.47	46	116.84
4	68	20.73	40	101.60
5	152	46.33	90	228.60
6	32	9.75	12	30.48
7	77	23.47	45	114.30
8	80	24.38	47	119.38
9	35	10.67	14	35.56
10	23	7.01	12	30.48
11	112	34.14	42	106.68
12	84	25.60	41	104.14
13	104	31.70	45	114.30
14	67	20.42	32	81.28

CHEKO

***Cinnamomum bejolghota* / (JUNGLI TEJPATA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	25	63.50

***Bischofia javanica* / (KAINJAL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	144	43.89	74	187.96

***Elaeocarpus varuua* / (BHADRASE/LALPATEY)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	28	71.12
2	40	12.19	32	81.28

***Syzygium jambolanum* / (SADA JAM)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	24	7.32	28	71.12
2	35	10.67	18	45.72
3	35	10.67	17	43.18
4	62	18.90	22	55.88

***Terminalia bellirica* / (BAHERA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	122	37.19	61	154.94
2	160	48.77	58	147.32

***Elaeocarpus aristatus/* (DALCHIUREY)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	26	7.92	11	27.94

***Lagerstroemia speciosa* / (JARUL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	11	27.94
2	30	9.14	12	30.48
3	25	7.62	16	40.64
4	28	8.53	14	35.56
5	45	13.72	22	55.88
6	30	9.14	21	53.34
7	55	16.76	23	58.42
8	20	6.10	12	30.48
9	43	13.11	23	58.42
10	70	21.34	35	88.90
11	40	12.19	14	35.56
12	110	33.53	38	96.52
13	122	37.19	112	284.48
14	130	39.62	80	203.20
15	124	37.80	100	254.00
16	86	26.21	68	172.72
17	78	23.77	40	101.60
18	110	33.53	38	96.52
19	114	34.75	80	203.20
20	60	18.29	31	78.74
21	92	28.04	50	127.00

***Schima wallichii/* (CHILAUNEY/CHILONI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	17	43.18
2	35	10.67	20	50.80
3	45	13.72	18	45.72
4	22	6.71	14	35.56
5	42	12.80	17	43.18
6	12	3.66	10	25.40
7	98	29.87	54	137.16
8	112	34.14	44	111.76
9	40	12.19	15	38.10

***Ficus semicordata/* (KHASRE/KUKATH)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	24	60.96
2	25	7.62	13	33.02
3	25	7.62	11	27.94
4	22	6.71	12	30.48
5	48	14.63	22	55.88
6	20	6.10	12	30.48

***Macaranga denticulata* / (Maleta)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	40	101.60
2	75	22.86	32	81.28

***Premna bengalensis* / (GIDARI/DHOULI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	86	26.21	48	121.92

***Callicarpa arborea* / (BOGDO/GOYLO/KHODO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	46	116.84
2	36	10.97	18	45.72
3	16	4.88	10	25.40

***Albizia procera/* (SADA SIRISH/SWET SIRISH)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	10	25.40
2	35	10.67	15	38.10
3	88	26.82	52	132.08

CHEKO

***Chisocheton cumingianus* / (HARA LALI/FALA LALI/FATA LALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	134	40.84	94	238.76
2	90	27.43	49	124.46
3	38	11.58	40	101.60
4	108	32.92	66	167.64
5	35	10.67	17	43.18
6	82	24.99	44	111.76
7	55	16.76	20	50.80
8	31	9.45	10	25.40
9	122	37.19	68	172.72
10	68	20.73	31	78.74
11	107	32.61	34	86.36
12	78	23.77	44	111.76
13	37	11.28	13	33.02

***Castanopsis hystrix* / (KATUS)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	27	8.23	16	40.64
2	121	36.88	82	208.28
3	96	29.26	76	193.04
4	182	55.47	130	330.20
5	150	45.72	84	213.36
6	136	41.45	80	203.20
7	220	67.06	160	406.40

***Bombax ceiba* / (SIMUL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	240	73.15	218	553.72

***Oroxylum indicum* / (TOTOLA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	26	66.04

***Sterculia lanceaefolia* / (BAKAIN/SADA BAKAIN)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	68	20.73	31	78.74
2	37	11.28	18	45.72
3	30	9.14	16	40.64

***Meliosma simplicifolia* / (PATPATEY)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	40	101.60
2	28	8.53	16	40.64
3	83	25.30	51	129.54
4	36	10.97	21	53.34
5	52	15.85	26	66.04
6	62	18.90	24	60.96
7	90	27.43	35	88.90

***Syzygium cumini* / (JAM/LAL JAMUN/KALO JAM)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	12	30.48
2	35	10.67	22	55.88

***Terminalia chebula/* (HORITOKI/HARRA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	80	203.20
2	137	41.76	82	208.28

Gmelina arborea/ (GAMAR/GAMARI)

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	67	20.42	38	96.52

***Monoon simiarum* / (LAAPCHE/LAAPSHI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	68	20.73	34	86.36
2	56	17.07	24	60.96
3	33	10.06	20	50.80
4	36	10.97	12	30.48
5	42	12.80	22	55.88
6	110	33.53	34	86.36
7	82	24.99	40	101.60
8	40	12.19	16	40.64
9	30	9.14	13	33.02
10	42	12.80	14	35.56
11	24	7.32	13	33.02
12	26	7.92	14	35.56
13	30	9.14	13	33.02
14	65	19.81	21	53.34
15	32	9.75	10	25.40
16	78	23.77	41	104.14
17	32	9.75	13	33.02
18	37	11.28	20	50.80
19	42	12.80	20	50.80
20	35	10.67	14	35.56
21	40	12.19	17	43.18
22	28	8.53	18	45.72
23	48	14.63	21	53.34
24	56	17.07	21	53.34
25	23	7.01	12	30.48
26	25	7.62	12	30.48
27	32	9.75	14	35.56
28	27	8.23	12	30.48
29	20	6.10	14	35.56
30	40	12.19	22	55.88
31	48	14.63	26	66.04
32	52	15.85	28	71.12
33	17	5.18	14	35.56
34	27	8.23	15	38.10
35	42	12.80	16	40.64
36	62	18.90	25	63.50
37	25	7.62	13	33.02
38	22	6.71	12	30.48

***Monoon simiarum* / (LAAPCHE/LAAPSHI)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
39	50	15.24	26	66.04
40	27	8.23	18	45.72
41	30	9.14	19	48.26
42	30	9.14	15	38.10
43	42	12.80	16	40.64
44	26	7.92	11	27.94
45	33	10.06	12	30.48
46	36	10.97	26	66.04
47	35	10.67	18	45.72
48	40	12.19	20	50.80
49	72	21.95	37	93.98
50	46	14.02	19	48.26

CHEKO

Cheko SP 9

Ficus semicordata / (KHASRE/KUKATH)					*Lagerstroemia parviflora* / (BAAJE/SIDHA)									
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	25	7.62	36	91.44	1	32	9.75	13	33.02	41	60	18.29	47	119.38
2	42	12.80	12	30.48	2	40	12.19	32	81.28	42	52	15.85	27	68.58
3	33	10.06	18	45.72	3	23	7.01	11	27.94	43	22	6.71	12	30.48
4	52	15.85	24	60.96	4	25	7.62	11	27.94	44	18	5.49	10	25.40
5	28	8.53	14	35.56	5	65	19.81	33	83.82	45	15	4.57	11	27.94
6	38	11.58	19	48.26	6	20	6.10	11	27.94	46	30	9.14	11	27.94
7	25	7.62	22	55.88	7	22	6.71	14	35.56	47	52	15.85	18	45.72
8	30	9.14	14	35.56	8	30	9.14	12	30.48	48	30	9.14	13	33.02
9	51	15.54	25	63.50	9	21	6.40	12	30.48	49	42	12.80	14	35.56
10	47	14.33	22	55.88	10	25	7.62	13	33.02	50	30	9.14	18	45.72
11	18	5.49	11	27.94	11	28	8.53	14	35.56	51	30	9.14	15	38.10
12	28	8.53	16	40.64	12	32	9.75	12	30.48	52	21	6.40	12	30.48
13	26	7.92	14	35.56	13	70	21.34	36	91.44	53	32	9.75	14	35.56
14	21	6.40	11	27.94	14	75	22.86	40	101.60	54	38	11.58	20	50.80
15	47	14.33	25	63.50	15	22	6.71	11	27.94	55	52	15.85	28	71.12
16	47	14.33	25	63.50	16	25	7.62	11	27.94	56	50	15.24	31	78.74
17	25	7.62	21	53.34	17	42	12.80	17	43.18	57	57	17.37	25	63.50
18	30	9.14	14	35.56	18	30	9.14	19	48.26	58	26	7.92	14	35.56
19	45	13.72	12	30.48	19	50	15.24	18	45.72	59	17	5.18	12	30.48
20	30	9.14	14	35.56	20	64	19.51	25	63.50	60	75	22.86	50	127.00
21	22	6.71	18	45.72	21	24	7.32	12	30.48	61	24	7.32	13	33.02
22	25	7.62	12	30.48	22	20	6.10	11	27.94	62	35	10.67	15	38.10
23	26	7.92	14	35.56	23	20	6.10	13	33.02	63	40	12.19	19	48.26
24	32	9.75	15	38.10	24	25	7.62	11	27.94	64	26	7.92	14	35.56
25	30	9.14	16	40.64	25	52	15.85	24	60.96	65	45	13.72	20	50.80
26	32	9.75	14	35.56	26	26	7.92	12	30.48	66	20	6.10	12	30.48
27	20	6.10	11	27.94	27	25	7.62	13	33.02	67	20	6.10	13	33.02
28	22	6.71	11	27.94	28	26	7.92	12	30.48	68	45	13.72	18	45.72
29	25	7.62	13	33.02	29	25	7.62	11	27.94	69	47	14.33	26	66.04
30	20	6.10	10	25.40	30	40	12.19	14	35.56	70	40	12.19	20	50.80
31	50	15.24	41	104.14	31	26	7.92	13	33.02	71	52	15.85	32	81.28
					32	25	7.62	11	27.94					
					33	37	11.28	19	48.26					
					34	18	5.49	15	38.10					
					35	15	4.57	11	27.94					
					36	35	10.67	20	50.80					
					37	20	6.10	13	33.02					
					38	42	12.80	17	43.18					
					39	85	25.91	42	106.68					
					40	25	7.62	12	30.48					

Morus indica / (TOONTH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	118	35.97	50	127.00
2	115	35.05	31	78.74
3	100	30.48	18	45.72

CHEKO

Eurya acuminata / (JHINGNEY KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	19	48.26

Oroxylum indicum / (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	24	7.32	18	45.72
2	30	9.14	15	38.10

Litsea monopetala / (KUTMIRO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	12	30.48
2	23	7.01	11	27.94

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	25	63.50
2	28	8.53	13	33.02
3	34	10.36	17	43.18

Balakata baccata / (AKHATARU)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88
2	142	43.28	48	121.92

Turpinia pomifera / (THALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
16	15	4.57	11	27.94
17	25	7.62	18	45.72
18	28	8.53	14	35.56
19	40	12.19	16	40.64
20	25	7.62	13	33.02

Dillenia indica / (CHALTA/PAACHPHOLIA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	65	165.10
2	13	3.96	12	30.48
3	53	16.15	25	63.50
4	65	19.81	96	243.84
5	32	9.75	12	30.48
6	35	10.67	15	38.10
7	20	6.10	15	38.10
8	50	15.24	21	53.34
9	57	17.37	65	165.10

Amoora rohituka/ (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	36	91.44
2	25	7.62	11	27.94
3	105	32.00	52	132.08
4	80	24.38	42	106.68
5	56	17.07	32	81.28
6	24	7.32	12	30.48
7	82	24.99	64	162.56
8	45	13.72	14	35.56
9	82	24.99	47	119.38

Schima wallichii / (CHILAUNEY/CHILONI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	75	22.86	48	121.92

Elaeocarpus aristatus / (DALCHIUREY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	12	30.48
2	26	7.92	15	38.10
3	210	64.01	115	292.10

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	15	38.10
2	18	5.49	11	27.94
3	31	9.45	16	40.64
4	25	7.62	11	27.94
5	18	5.49	11	27.94
6	20	6.10	11	27.94
7	25	7.62	14	35.56
8	17	5.18	11	27.94
9	22	6.71	16	40.64
10	15	4.57	12	30.48
11	20	6.10	13	33.02
12	35	10.67	28	71.12
13	26	7.92	11	27.94

Sloanea sterculiacea / (BHAISI KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	95	28.96	100	254.00
2	65	19.81	43	109.22
3	58	17.68	28	71.12
4	60	18.29	24	60.96
5	62	18.90	38	96.52
6	105	32.00	52	132.08
7	34	10.36	17	43.18
8	44	13.41	13	33.02
9	20	6.10	12	30.48
10	22	6.71	15	38.10
11	43	13.11	13	33.02
12	85	25.91	68	172.72
13	35	10.67	14	35.56

Randia dumetorum / (MOWKATA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	13	33.02

CHEKO

Cephalanthus tetrandra / (KALI KATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	36	91.44
2	20	6.10	16	40.64
3	26	7.92	14	35.56
4	25	7.62	11	27.94
5	30	9.14	17	43.18
6	44	13.41	12	30.48

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	16	40.64
2	15	4.57	12	30.48
3	71	21.64	25	63.50
4	50	15.24	32	81.28
5	72	21.95	37	93.98
6	73	22.25	28	71.12
7	52	15.85	40	101.60
8	62	18.90	80	203.20
9	35	10.67	20	50.80

Garuga pinnata / (DABDABEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	16	40.64
2	120	36.58	38	96.52

Vitex peduncularis / (CHARAI GOURA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	12	30.48
2	40	12.19	14	35.56
3	52	15.85	21	53.34
4	56	17.07	22	55.88
5	50	15.24	21	53.34
6	52	15.85	23	58.42

Lagerstroemia speciosa/ (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	154	46.94	80	203.20
2	38	11.58	21	53.34
3	21	6.40	11	27.94
4	36	10.97	20	50.80
5	31	9.45	15	38.10
6	42	12.80	19	48.26
7	22	6.71	12	30.48
8	20	6.10	14	35.56
9	125	38.10	65	165.10
10	36	10.97	12	30.48
11	155	47.24	60	152.40
12	85	25.91	110	279.40
13	110	33.53	61	154.94
14	122	37.19	80	203.20
15	56	17.07	25	63.50
16	80	24.38	36	91.44
17	30	9.14	14	35.56
18	122	37.19	58	147.32
19	42	12.80	30	76.20
20	58	17.68	36	91.44
21	110	33.53	50	127.00
22	80	24.38	36	91.44
23	165	50.29	62	157.48
24	202	61.57	90	228.60
25	35	10.67	20	50.80
26	122	37.19	80	203.20
27	40	12.19	24	60.96
28	110	33.53	80	203.20
29	128	39.01	65	165.10
30	140	42.67	80	203.20
31	47	14.33	32	81.28
32	153	46.63	68	172.72
33	170	51.82	64	162.56
34	173	52.73	80	203.20
35	152	46.33	75	190.50
36	185	56.39	95	241.30
37	60	18.29	24	60.96

Macaranga denticulata / (MALETA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	14	4.27	27	68.58

Chukrasia tabularis / (CHIKRASI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	215	65.53	110	279.40
2	50	15.24	32	81.28
3	72	21.95	34	86.36
4	86	26.21	37	93.98
5	72	21.95	30	76.20
6	75	22.86	28	71.12

Albizia lucidor / (POTKA SIRISH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	175	53.34	90	228.60

Acer oblongum/ (HOOKKA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	38	96.52
2	66	20.12	33	83.82
3	62	18.90	25	63.50
4	82	24.99	42	106.68
5	52	15.85	18	45.72
6	87	26.52	40	101.60
7	95	28.96	45	114.30
8	25	7.62	17	43.18
9	35	10.67	16	40.64
10	20	6.10	11	27.94
11	25	7.62	11	27.94

CHEKO

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	167	50.90	72	182.88
2	30	9.14	14	35.56
3	22	6.71	15	38.10
4	85	25.91	37	93.98
5	54	16.46	38	96.52
6	24	7.32	13	33.02
7	28	8.53	15	38.10
8	26	7.92	18	45.72
9	30	9.14	11	27.94
10	78	23.77	31	78.74
11	72	21.95	16	40.64
12	88	26.82	35	88.90
13	55	16.76	38	96.52
14	160	48.77	56	142.24
15	158	48.16	55	139.70
16	28	8.53	11	27.94
17	30	9.14	16	40.64
18	75	22.86	36	91.44
19	50	15.24	22	55.88
20	62	18.90	35	88.90
21	122	37.19	64	162.56
22	140	42.67	53	134.62
23	25	7.62	15	38.10
24	42	12.80	14	35.56
25	22	6.71	11	27.94
26	82	24.99	26	66.04
27	20	6.10	12	30.48
28	25	7.62	11	27.94
29	26	7.92	11	27.94
30	25	7.62	12	30.48
31	24	7.32	12	30.48
32	120	36.58	55	139.70
33	100	30.48	46	116.84
34	62	18.90	28	71.12
35	32	9.75	13	33.02
36	121	36.88	32	81.28

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	26	66.04
2	82	24.99	26	66.04
3	35	10.67	13	33.02
4	22	6.71	15	38.10

Elaeocarpus varuua / (BHADRASE/LALPATEY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	70	177.80
2	32	9.75	11	27.94
3	170	51.82	64	162.56
4	40	12.19	21	53.34
5	22	6.71	13	33.02
6	30	9.14	11	27.94
7	42	12.80	15	38.10

Actinodaphne obovata / (MONDOLA/RUNCHE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	14	35.56
2	32	9.75	14	35.56
3	28	8.53	19	48.26
4	30	9.14	20	50.80
5	31	9.45	18	45.72
6	35	10.67	22	55.88

Amoora wallichii/ (LALI/DOODH LALI/AARE LALI/GOTA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94
2	21	6.40	13	33.02
3	32	9.75	11	27.94

Morinda angustifolia / (HALDE KATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	12	30.48
2	44	13.41	16	40.64
3	24	7.32	14	35.56

Bischofia javanica / (KAINJAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	23	7.01	13	33.02
2	55	16.76	26	66.04
3	100	30.48	28	71.12
4	52	15.85	30	76.20
5	172	52.43	84	213.36
6	25	7.62	13	33.02
7	25	7.62	13	33.02
8	40	12.19	22	55.88

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	12	30.48
2	31	9.45	12	30.48
3	40	12.19	21	53.34

Syzygium jambolanum / (SADA JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	56	17.07	24	60.96
2	60	18.29	35	88.90
3	115	35.05	46	116.84
4	108	32.92	52	132.08
5	105	32.00	52	132.08
6	45	13.72	23	58.42
7	75	22.86	22	55.88
8	23	7.01	13	33.02
9	25	7.62	14	35.56
10	28	8.53	12	30.48

***Litsea lancifolia* / (MOKAI)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	48	14.63	22	55.88
2	32	9.75	24	60.96
3	38	11.58	33	83.82
4	20	6.10	14	35.56
5	16	4.88	11	27.94
6	17	5.18	12	30.48
7	18	5.49	14	35.56

***Antidesma acidum* / (ARCHAL)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	18	5.49	11	27.94

***Erhetia wallitiana* / (BOHORI)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	28	8.53	11	27.94

***Turpinia pomifera* / (THALI)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	90	27.43	32	81.28
2	25	7.62	11	27.94
3	35	10.67	15	38.10
4	32	9.75	18	45.72
5	172	52.43	60	152.40
6	52	15.85	34	86.36
7	75	22.86	35	88.90
8	90	27.43	47	119.38
9	40	12.19	18	45.72
10	70	21.34	32	81.28
11	75	22.86	36	91.44
12	25	7.62	13	33.02
13	36	10.97	20	50.80
14	26	7.92	13	33.02
15	40	12.19	21	53.34

CHEKO

Cheko SP 10

Lagerstroemia speciosa / (JARUL)					*Mallotus nudiflorus* / (PITHALI)									
SL.NO.	Height		Girth		SL.NO.	Height		Girth		SL.NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	22	6.71	28	71.12	1	67	20.42	55	139.70	34	18	5.49	12	30.48
2	62	18.90	80	203.20	2	65	19.81	40	101.60	35	55	16.76	26	66.04
3	40	12.19	36	91.44	3	62	18.90	50	127.00	36	70	21.34	27	68.58
4	18	5.49	15	38.10	4	63	19.20	60	152.40	37	28	8.53	17	43.18
5	42	12.80	34	86.36	5	50	15.24	28	71.12	38	24	7.32	11	27.94
6	61	18.59	50	127.00	6	23	7.01	16	40.64	39	153	46.63	50	127.00
7	22	6.71	12	30.48	7	15	4.57	10	25.40	40	162	49.38	46	116.84
8	23	7.01	23	58.42	8	83	25.30	74	187.96	41	78	23.77	24	60.96
9	24	7.32	14	35.56	9	71	21.64	54	137.16	42	168	51.21	78	198.12
10	11	3.35	14	35.56	10	12	3.66	14	35.56	43	173	52.73	62	157.48
11	21	6.40	15	38.10	11	43	13.11	38	96.52					
12	68	20.73	38	96.52	12	19	5.79	14	35.56					
13	104	31.70	86	218.44	13	17	5.18	13	33.02	*Chukrasia tabularis*/ (CHIKRASI)				
14	108	32.92	112	284.48	14	10	3.05	13	33.02	SL.NO.	Height		Girth	
15	152	46.33	100	254.00	15	13	3.96	11	27.94		ft	m	inch	cm
16	170	51.82	156	396.24	16	31	9.45	35	88.90	1	27	8.23	22	55.88
17	135	41.15	102	259.08	17	13	3.96	10	25.40	2	25	7.62	20	50.80
18	92	28.04	62	157.48	18	15	4.57	11	27.94	3	32	9.75	12	30.48
19	76	23.16	38	96.52	19	10	3.05	11	27.94	4	18	5.49	10	25.40
20	164	49.99	130	330.20	20	10	3.05	10	25.40	5	22	6.71	11	27.94
21	40	12.19	15	38.10	21	65	19.81	46	116.84	6	24	7.32	15	38.10
22	35	10.67	18	45.72	22	10	3.05	12	30.48	7	45	13.72	24	60.96
23	22	6.71	10	25.40	23	15	4.57	21	53.34	8	17	5.18	11	27.94
24	156	47.55	103	261.62	24	38	11.58	25	63.50	9	24	7.32	18	45.72
25	53	16.15	15	38.10	25	30	9.14	15	38.10	10	27	8.23	24	60.96
26	176	53.64	106	269.24	26	12	3.66	10	25.40	11	31	9.45	19	48.26
27	128	39.01	86	218.44	27	52	15.85	33	83.82	12	27	8.23	25	63.50
28	134	40.84	96	243.84	28	18	5.49	12	30.48	13	38	11.58	30	76.20
29	150	45.72	104	264.16	29	64	19.51	60	152.40					
30	148	45.11	121	307.34	30	116	35.36	50	127.00					
31	127	38.71	104	264.16	31	16	4.88	10	25.40					
32	158	48.16	107	271.78	32	138	42.06	86	218.44					
33	127	38.71	98	248.92	33	34	10.36	16	40.64					
34	117	35.66	83	210.82										

CHEKO

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	15	38.10
2	18	5.49	14	35.56
3	15	4.57	11	27.94
4	43	13.11	30	76.20
5	18	5.49	11	27.94
6	18	5.49	13	33.02
7	107	32.61	80	203.20

Vitex peduncularis / (CHARAI GOURA)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	16	4.88	10	25.40
2	11	3.35	10	25.40
3	16	4.88	12	30.48
4	26	7.92	24	60.96
5	15	4.57	12	30.48
6	15	4.57	12	30.48
7	16	4.88	15	38.10
8	10	3.05	10	25.40
9	21	6.40	13	33.02
10	19	5.79	12	30.48
11	12	3.66	17	43.18
12	24	7.32	14	35.56
13	31	9.45	16	40.64
14	38	11.58	23	58.42
15	42	12.80	12	30.48
16	18	5.49	10	25.40

Machilus gamblei / (KAWLA/AMPATE)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1.00	14	4.27	12	30.48
2	24	7.32	10	25.40
3	15	4.57	11	27.94
4	24	7.32	17	43.18
5	13	3.96	19	48.26
6	17	5.18	15	38.10
7	25	7.62	21	53.34
8	24	7.32	16	40.64

Dillenia indica / (CHALTA/PAACHPHOLIA)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	82	24.99	70	177.80
2	76	23.16	62	157.48
3	55	16.76	55	139.70
4	62	18.90	50	127.00
5	52	15.85	45	114.30
6	72	21.95	60	152.40
7	64	19.51	60	152.40
8	65	19.81	54	137.16
9	32	9.75	33	83.82
10	73	22.25	66	167.64
11	71	21.64	82	208.28
12	29	8.84	38	96.52
13	148	45.11	120	304.80
14	168	51.21	140	355.60
15	30	9.14	13	33.02
16	144	43.89	120	304.80
17	83	25.30	62	157.48
18	110	33.53	78	198.12

Stereospermum tetragonum/ (PARARI)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	10	3.05	14	35.56
2	25	7.62	24	60.96
3	16	4.88	14	35.56

Terminalia bellirica / (BAHERA)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	82	24.99	70	177.80
2	31	9.45	29	73.66

Gmelina arborea/ (GAMAR/GAMARI)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	44	111.76
2	41	12.50	42	106.68

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	17	43.18
2	66	20.12	37	93.98
3	31	9.45	14	35.56
4	134	40.84	99	251.46
5	95	28.96	38	96.52

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	12	3.66	11	27.94
3	20	6.10	11	27.94

CHEKO

Sterculia lanceaefolia / (BAKAIN/SADA BAKAIN)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	10	3.05	10	25.40
3	10	3.05	12	30.48
4	32	9.75	14	35.56
5	46	14.02	13	33.02
6	55	16.76	18	45.72

Dillenia pentagyna / (TATARI/RAY)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	46	116.84

Syzygium cumini / (JAM/LAL JAMUN/KALO JAM)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	62	18.90	56	142.24
2	38	11.58	12	30.48
3	33	10.06	11	27.94
4	18	5.49	10	25.40
5	33	10.06	18	45.72

Meliosma simplicifolia / (PATPATEY)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	11	27.94
2	32	9.75	14	35.56

Monoon simiarum / (LAAPCHE/LAAPSHI)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	15	4.57	11	27.94
3	16	4.88	20	50.80
4	14	4.27	10	25.40
5	25	7.62	14	35.56
6	32	9.75	10	25.40
7	28	8.53	10	25.40
8	36	10.97	11	27.94
9	33	10.06	14	35.56
10	50	15.24	12	30.48
11	28	8.53	11	27.94
12	32	9.75	11	27.94
13	40	12.19	13	33.02
14	28	8.53	12	30.48
15	66	20.12	21	53.34
16	27	8.23	11	27.94
17	62	18.90	27	68.58

Syzygium jambolanum / (SADA JAM)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	30	76.20
2	82	24.99	34	86.36

Albizzia Lebbeck / (KALA SIRISH)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	13	33.02

Amoora wallichi i/ (LALI/DOODH LALI/AARE LALI/GOTA LALI)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	48	14.63	18	45.72
2	22	6.71	13	33.02

Balakata baccata/ (AKHATARU)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	88	26.82	41	104.14
2	36	10.97	10	25.40
3	73	22.25	28	71.12
4	96	29.26	45	114.30
5	168	51.21	120	304.80
6	73	22.25	32	81.28
7	56	17.07	33	83.82

Callicarpa arborea / (BOGDO/GOYLO/KHODO)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	31	9.45	11	27.94
2	44	13.41	11	27.94

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL.NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	11	27.94

CHEKO

***Polyalthia simiarum* / (Bhutia Lapche)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	50	127.00
2	46	14.02	17	43.18
3	40	12.19	13	33.02
4	66	20.12	23	58.42
5	32	9.75	17	43.18

Terminalia chebula/ (HORITOKI/HARRA)

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	152	46.33	47	119.38
2	88	26.82	56	142.24

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	58	17.68	23	58.42

***Amoora rohituka* / (LASOONI LALI)**

	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	32	9.75	24	60.96
2	41	12.50	30	76.20
3	43	13.11	46	116.84
4	42	12.80	56	142.24

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	151	46.02	170	431.80
2	28	8.53	15	38.10

***Bombax ceiba* / (SIMUL)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	222	67.67	210	533.40

***Premna bengalensis* / (GIDARI/DHOULI)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	41	12.50	20	50.80
2	52	15.85	50	127.00
3	23	7.01	10	25.40

***Alstonia scholaris* / (CHATIYAN)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	13	33.02

***Elaeocarpus varuua* / (BHADRASE/LALPATEY)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	24	7.32	16	40.64
2	18	5.49	12	30.48

***Sloanea sterculiacea/* (BHAISI KATUS)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	23	7.01	17	43.18
2	37	11.28	15	38.10
3	41	12.50	40	101.60
4	21	6.40	16	40.64
5	20	6.10	14	35.56
6	49	14.94	90	228.60
7	32	9.75	24	60.96

BARAHATI

Barahati SP 1

***Andromeda elliptica* / (ANGERI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	24	60.96

***Casearia glomerata/* (BANDARKHAJA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	24	60.96
2	25	7.62	22	55.88

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	90	27.43	20	50.80
2	60	18.29	55	139.70
3	80	24.38	65	165.10
4	25	7.62	18	45.72
5	40	12.19	26	66.04
6	35	10.67	16	40.64
7	30	9.14	20	50.80
8	40	12.19	40	101.60
9	150	45.72	77	195.58
10	140	42.67	53	134.62
11	45	13.72	29	73.66
12	55	16.76	29	73.66
13	40	12.19	28	71.12
14	40	12.19	29	73.66
15	40	12.19	24	60.96
16	30	9.14	16	40.64
17	70	21.34	33	83.82

***Citrus indica/* (RAMSANTALA/JUNGLEE KOMOLA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1.00	35	10.67	24	60.96

Mallotus philippensis/

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10

***Castanopsis hystrix/* (KATUS)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	52	132.08

***Monoon simiarum* / (LAAPCHE/KHUTI**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	12	30.48
2	20	6.10	13	33.02

***Oroxylum indicum* / (TOTOLA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	21	53.34
2	30	9.14	15	38.10
3	35	10.67	20	50.80
4	25	7.62	13	33.02
5	30	9.14	20	50.80
6	30	9.14	15	38.10
7	45	13.72	30	76.20
8	40	12.19	26	66.04
9	30	9.14	24	60.96
10	50	15.24	31	78.74
11	25	7.62	17	43.18
12	50	15.24	20	50.80
13	30	9.14	19	48.26
14	40	12.19	29	73.66
15	35	10.67	20	50.80

***Chukrasia tabularis* / (CHIKRASI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1.00	50	15.24	80	203.20

***Schima wallichii/* (CHILAUNE/CHILONI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	90	27.43	95	241.30
2	40	12.19	23	58.42
3	30	9.14	25	63.50
4	140	42.67	60	152.40
5	25	7.62	13	33.02
6	30	9.14	18	45.72
7	120	36.58	56	142.24
8	110	33.53	54	137.16

***Careya arborea/* (KUMBHI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	55.88

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	30	76.20

***Toona hexandra* / (TOON/TUNI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	19	48.26

***Wrightia tomentosa/* (DOODHIA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	38	96.52
2	25	7.62	18	45.72
3	60	18.29	35	88.90
4	40	12.19	23	58.42
5	35	10.67	33	83.82
6	26	7.92	25	63.50
7	30	9.14	26	66.04
8	80	24.38	35	88.90
9	15	4.57	17	43.18
10	14	4.27	10	25.40
11	25	7.62	20	50.80
12	50	15.24	35	88.90
13	35	10.67	26	66.04
14	40	12.19	26	66.04
15	54	16.46	30	76.20
16	50	15.24	26	66.04
17	30	9.14	26	66.04
18	31	9.45	13	33.02
19	25	7.62	18	45.72
20	30	9.14	24	60.96
21	35	10.67	30	76.20
22	30	9.14	20	50.80
23	50	15.24	26	66.04
24	40	12.19	26	66.04
25	30	9.14	20	50.80
26	40	12.19	28	71.12
27	30	9.14	26	66.04
28	25	7.62	23	58.42
29	32	9.75	25	63.50
30	15	4.57	17	43.18
31	30	9.14	22	55.88
32	30	9.14	21	53.34
33	20	6.10	14	35.56
34	40	12.19	35	88.90
35	50	15.24	31	78.74
36	20	6.10	17	43.18
37	30	9.14	34	86.36
38	24	7.32	20	50.80

***Erythrina stricta* / (MADAR)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	30	76.20
2	25	7.62	17	43.18

***Sterculia villosa* / (UDLA/ODAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02

BARAHATI

***Bridelia retusa/* (KOSAI/GAYO)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	90	27.43	12	30.48
2	45	13.72	40	101.60
3	80	24.38	56	142.24

***Ilex godajam* / (HATISURA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	200	60.96	85	215.90

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	15	38.10
2	45	13.72	24	60.96

***Lannea coromandelica/* (JIGA/JEOL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	20	50.80
2	60	18.29	33	83.82
3	200	60.96	80	203.20

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	26	66.04
2	40	12.19	36	91.44
3	40	12.19	26	66.04
4	20	6.10	19	48.26
5	60	18.29	26	66.04
6	40	12.19	22	55.88
7	30	9.14	14	35.56
8	30	9.14	16	40.64
9	15	4.57	12	30.48
10	30	9.14	16	40.64
11	15	4.57	11	27.94
12	15	4.57	10	25.40
13	25	7.62	17	43.18
14	25	7.62	23	58.42
15	25	7.62	21	53.34
16	55	16.76	40	101.60
17	15	4.57	13	33.02

***Machilus glaucescens* / (KHAGOR)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	14	35.56

***Amoora rohituka/* (LASOONI LALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	100	254.00
2	30	9.14	70	177.80
3	55	16.76	33	83.82
4	70	21.34	52	132.08
5	130	39.62	44	111.76
6	60	18.29	33	83.82
7	80	24.38	56	142.24
8	40	12.19	30	76.20
9	70	21.34	80	203.20
10	100	30.48	56	142.24
11	40	12.19	26	66.04

***Shorea robusta/* (SAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	200	508.00
2	200	60.96	124	314.96
3	160	48.77	155	393.70
4	150	45.72	110	279.40
5	150	45.72	96	243.84
6	150	45.72	84	213.36
7	200	60.96	146	370.84
8	200	60.96	120	304.80
9	120	36.58	81	205.74
10	200	60.96	115	292.10
11	90	27.43	47	119.38
12	150	45.72	38	96.52
13	150	45.72	80	203.20
14	200	60.96	111	281.94
15	200	60.96	110	279.40
16	200	60.96	100	254.00
17	200	60.96	110	279.40
18	200	60.96	100	254.00
19	200	60.96	105	266.70
20	200	60.96	105	266.70
21	250	76.20	120	304.80
22	200	60.96	75	190.50
23	250	76.20	103	261.62
24	170	51.82	81	205.74
25	250	76.20	125	317.50
26	250	76.20	100	254.00
27	250	76.20	124	314.96
28	250	76.20	105	266.70
29	200	60.96	100	254.00
30	280	85.34	120	304.80

***Machilus gamblei/* (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	20	50.80
2	19	5.79	40	101.60
3	40	12.19	25	63.50
4	20	6.10	19	48.26
5	30	9.14	15	38.10
6	56	17.07	22	55.88
7	25	7.62	18	45.72
8	30	9.14	27	68.58
9	40	12.19	32	81.28
10	30	9.14	22	55.88
11	25	7.62	16	40.64
12	20	6.10	13	33.02
13	40	12.19	24	60.96
14	25	7.62	13	33.02

***Casearia vareca* / (SADA LALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	37	93.98
2	50	15.24	30	76.20
3	25	7.62	12	30.48
4	30	9.14	22	55.88
5	25	7.62	13	33.02
6	60	18.29	35	88.90
7	30	9.14	19	48.26
8	25	7.62	17	43.18
9	25	7.62	13	33.02
10	50	15.24	30	76.20
11	40	12.19	26	66.04

***Lagerstroemia parviflora/* (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	30	76.20
2	100	30.48	60	152.40
3	70	21.34	46	116.84

***Dillenia pentagyna* / (TATARI/RAY/BON CHALTA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	47	119.38
2	90	27.43	60	152.40
3	30	9.14	23	58.42
4	50	15.24	35	88.90
5	60	18.29	38	96.52
6	150	45.72	95	241.30
7	60	18.29	50	127.00
8	65	19.81	50	127.00
9	110	33.53	80	203.20

BARAHATI

Barahati SP 3

Andromeda elliptica / (ANGERI)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	40	12.19	24	60.96
2	20	6.10	11	27.94

Casearia glomerata/ (BANDARKHAJA)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48
2	20	6.10	13	33.02
3	20	6.10	16	40.64
4	30	9.14	14	35.56
5	30	9.14	16	40.64

Terminalia bellirica / (BAHERA)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	150	45.72	90	228.60
2	120	36.58	50	127.00
3	60	18.29	44	111.76
4	70	21.34	37	93.98
5	100	30.48	66	167.64
6	150	45.72	109	276.86
7	150	45.72	85	215.90
8	110	33.53	55	139.70
9	20	6.10	15	38.10
10	23	7.01	20	50.80
11	15	4.57	18	45.72
12	40	12.19	27	68.58
13	20	6.10	14	35.56
14	15	4.57	15	38.10

Litsea panamanja / (CHOTO KAWLA/MASURI KAWLA)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	20	6.10	22	55.88

Oroxylum indicum/ (TOTOLA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	25	63.50
2	20	6.10	16	40.64
3	40	12.19	28	71.12
4	60	18.29	40	101.60

Chukrasia tabularis/ (CHIKRASI)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	80	24.38	33	83.82
2	40	12.19	19	48.26
3	70	21.34	36	91.44
4	60	18.29	33	83.82

Premna bengalensis/ (GIDARI/GIDRAJ/DHOULI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48
2	35	10.67	18	45.72
3	120	36.58	65	165.10
4	60	18.29	37	93.98

Bridelia retusa / (KOSAI/GAYO)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	17	43.18
2	30	9.14	19	48.26
3	30	9.14	15	38.10
4	20	6.10	17	43.18

Syzygium cumini / (JAM/KALO JAM)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	130	39.62	85	215.90
2	60	18.29	57	144.78

Wrightia tomentosa / (DOODHIA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	19	48.26
2	25	7.62	13	33.02
3	25	7.62	13	33.02
4	60	18.29	28	71.12
5	50	15.24	31	78.74
6	25	7.62	18	45.72
7	40	12.19	25	63.50
8	15	4.57	13	33.02
9	25	7.62	15	38.10
10	60	18.29	34	86.36
11	25	7.62	19	48.26
12	65	19.81	28	71.12
13	50	15.24	28	71.12
14	30	9.14	20	50.80
15	20	6.10	17	43.18
16	25	7.62	18	45.72
17	15	4.57	13	33.02
18	30	9.14	25	63.50
19	20	6.10	15	38.10
20	20	6.10	26	66.04
21	20	6.10	26	66.04
22	15	4.57	13	33.02
23	25	7.62	16	40.64
24	25	7.62	15	38.10
25	20	6.10	20	50.80
26	20	6.10	14	35.56
27	60	18.29	23	58.42
28	38	11.58	25	63.50

Lagerstroemia speciosa / (JARUL)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	26	66.04
2	20	6.10	18	45.72
3	20	6.10	20	50.80

BARAHATI

Lasiocca symphylliaefolia / (JHAKRI)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	45	13.72	35	88.90
2	30	9.14	42	106.68
3	25	7.62	29	73.66
4	15	4.57	12	30.48
5	20	6.10	14	35.56
6	20	6.10	12	30.48
7	25	7.62	33	83.82

Actinodaphne obovata / (MONDOLA/RUNCHE)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	30	9.14	20	50.80
2	70	21.34	50	127.00
3	60	18.29	28	71.12
4	20	6.10	16	40.64
5	25	7.62	14	35.56
6	20	6.10	12	30.48
7	20	6.10	14	35.56

Lannea coromandelica/ (JIGA/JEOL)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	50	15.24	30	76.20

Bischofia javanica / (KAINJAL)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	70	21.34	38	96.52

Celtis tetrandra / (KARI/KURI)				
Height			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	50	15.24	26	66.04

Machilus glaucescens / (KHAGOR)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	18	45.72
2	40	12.19	26	66.04
3	15	4.57	10	25.40
4	15	4.57	12	30.48
5	20	6.10	14	35.56
6	30	9.14	14	35.56
7	40	12.19	17	43.18
8	30	9.14	14	35.56
9	40	12.19	23	58.42
10	25	7.62	18	45.72
11	25	7.62	12	30.48
12	25	7.62	20	50.80
13	25	7.62	17	43.18

Evodia fraxinifolia/ (KHANAKPA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	45	114.30

Amoora wallichii / (LALI/DOODH LALI/BORO LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	24	60.96
2	60	18.29	36	91.44
3	20	6.10	12	30.48

Baccaurea ramiflora/ (KUSUM/LOTKA/NOTKO)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	19	48.26

Sterculia villosa / (UDLA/ODAL)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	230	70.10	155	393.70
2	250	76.20	62	157.48

Monoon simiarum / (LAAPCHE/KHUTI KATH/CHOROK CHAPA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	12	30.48
2	60	18.29	24	60.96
3	20	6.10	13	33.02
4	40	12.19	23	58.42
5	60	18.29	30	76.20
6	30	9.14	15	38.10
7	50	15.24	23	58.42
8	30	9.14	14	35.56
9	35	10.67	17	43.18
10	35	10.67	17	43.18
11	30	9.14	17	43.18
12	130	39.62	45	114.30
13	20	6.10	13	33.02
14	50	15.24	29	73.66
15	25	7.62	20	50.80
16	25	7.62	13	33.02
17	50	15.24	39	99.06
18	80	24.38	52	132.08
19	25	7.62	16	40.64
20	20	6.10	19	48.26
21	20	6.10	13	33.02
22	60	18.29	31	78.74
23	30	9.14	18	45.72
24	25	7.62	14	35.56
25	35	10.67	21	53.34
26	30	9.14	15	38.10
27	20	6.10	19	48.26
28	30	9.14	41	104.14
29	150	45.72	80	203.20
30	20	6.10	11	27.94
31	30	9.14	15	38.10
32	20	6.10	11	27.94
33	25	7.62	12	30.48
34	30	9.14	13	33.02
35	40	12.19	15	38.10
36	30	9.14	20	50.80
37	40	12.19	21	53.34
38	50	15.24	24	60.96
39	30	9.14	17	43.18
40	200	60.96	50	127.00

BARAHATI

Careya arborea / (KUMBHI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02

Holarrhena pubescens/ (KURCHI/KHIRRA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	20	50.80
2	20	6.10	18	45.72
3	28	8.53	20	50.80
4	25	7.62	18	45.72
5	20	6.10	17	43.18
6	30	9.14	27	68.58
7	35	10.67	24	60.96
8	20	6.10	15	38.10
9	30	9.14	26	66.04
10	20	6.10	18	45.72
11	30	9.14	25	63.50
12	25	7.62	24	60.96
13	25	7.62	18	45.72
14	27	8.23	24	60.96
15	25	7.62	18	45.72
16	20	6.10	14	35.56
17	25	7.62	15	38.10
18	25	7.62	18	45.72
19	40	12.19	34	86.36
20	20	6.10	17	43.18
21	20	6.10	13	33.02
22	20	6.10	16	40.64
23	25	7.62	17	43.18

Senna siamea / (MINJIRI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	13	33.02

Amoora rohituka/ (LASOONI LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	30	76.20
2	70	21.34	43	109.22
3	80	24.38	65	165.10
4	75	22.86	61	154.94
5	90	27.43	67	170.18
6	60	18.29	34	86.36
7	80	24.38	57	144.78
8	125	38.10	42	106.68
9	60	18.29	36	91.44
10	60	18.29	43	109.22
11	50	15.24	36	91.44
12	50	15.24	33	83.82
13	90	27.43	32	81.28
14	120	36.58	39	99.06
15	45	13.72	33	83.82
16	100	30.48	28	71.12
17	45	13.72	24	60.96
18	90	27.43	42	106.68
19	140	42.67	51	129.54
20	100	30.48	93	236.22
21	45	13.72	26	66.04
22	120	36.58	58	147.32
23	90	27.43	55	139.70
24	70	21.34	50	127.00
25	150	45.72	60	152.40
26	150	45.72	45	114.30
27	150	45.72	52	132.08
28	200	60.96	79	200.66
29	60	18.29	34	86.36
30	150	45.72	55	139.70
31	160	48.77	78	198.12
32	80	24.38	13	33.02
33	200	60.96	75	190.50
34	50	15.24	26	66.04
35	150	45.72	53	134.62
36	25	7.62	12	30.48
37	200	60.96	50	127.00
38	200	60.96	60	152.40

Vitex heterophylla / (PANCHPATE)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	50	127.00
2	25	7.62	14	35.56
3	100	30.48	47	119.38
4	20	6.10	12	30.48
5	30	9.14	16	40.64
6	25	7.62	23	58.42
7	20	6.10	11	27.94
8	25	7.62	14	35.56
9	30	9.14	25	63.50
10	35	10.67	30	76.20
11	40	12.19	26	66.04
12	25	7.62	18	45.72
13	35	10.67	34	86.36
14	23	7.01	19	48.26
15	25	7.62	24	60.96
16	60	18.29	43	109.22
17	50	15.24	28	71.12
18	60	18.29	30	76.20
19	60	18.29	26	66.04

Terminalia myriocarpa/ (PANISAL/PANISAJ)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	38	96.52

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	25	63.50
2	40	12.19	23	58.42

Casearia vareca / (SADA LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	16	40.64

BARAHATI

Shorea robusta / (SAL)					*Toona hexandra/* (TOON/TUNI)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	160	48.77	112	284.48	1	120	36.58	90	228.60
2	200	60.96	103	261.62	2	150	45.72	60	152.40
3	200	60.96	90	228.60	3	45	13.72	22	55.88
4	200	60.96	84	213.36	4	120	36.58	15	38.10
5	250	76.20	115	292.10	5	70	21.34	33	83.82
6	250	76.20	100	254.00	6	25	7.62	15	38.10
7	180	54.86	102	259.08	7	70	21.34	30	76.20
8	200	60.96	75	190.50					
9	250	76.20	106	269.24					
10	250	76.20	105	266.70					

Lagerstroemia parviflora/ (BAAJE/SIDHA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	55	139.70
2	80	24.38	68	172.72
3	40	12.19	16	40.64
4	125	38.10	70	177.80
5	200	60.96	83	210.82
6	25	7.62	12	30.48

Turpinia pomifera/ (THALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02
2	125	38.10	81	205.74
3	40	12.19	33	83.82
4	25	7.62	18	45.72
5	30	9.14	15	38.10
6	40	12.19	22	55.88
7	35	10.67	25	63.50

BARAHATI

Barahati SP 9

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	23	58.42
2	25	7.62	17	43.18
3	35	10.67	45	114.30
4	90	27.43	85	215.90
5	20	6.10	12	30.48

Andromeda elliptica / (ANGERI)				
	Height (ft)		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02
2	20	6.10	11	27.94
3	25	7.62	14	35.56
4	40	12.19	26	66.04
5	15	4.57	14	35.56

Terminalia bellirica / (BAHERA)				
Height (ft)			Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	80	24.38	42	106.68
2	45	13.72	32	81.28
3	25	7.62	19	48.26
4	70	21.34	43	109.22
5	30	9.14	17	43.18
6	80	24.38	44	111.76
7	130	39.62	95	241.30
8	20	6.10	16	40.64
9	30	9.14	13	33.02
10	60	18.29	42	106.68
11	120	36.58	52	132.08
12	120	36.58	100	254.00

Litsea monopetala/ (KUTMIRO/BON KATHALI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	inch	(cm)
1	20	6.10	12	30.48
2	30	9.14	18	45.72

Oroxylum indicum / (TOTOLA)				
	Height (ft)		Girth	
SL. NO.	(ft)	(m)	inch	(cm)
1	30	9.14	17	43.18
2	60	18.29	42	106.68
3	45	13.72	40	101.60
4	15	4.57	14	35.56
5	80	24.38	36	91.44
6	20	6.10	18	45.72

Amoora wallichii/ (LALI/DOODH LALI/BORO LALI)				
	Height (ft)		Girth	
SL. NO.	(ft)	(m)	inch	(cm)
1	45	13.72	25	63.50

Chukrasia tabularis/ (CHIKRASI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	inch	(cm)
1	50	15.24	52	132.08
2	70	21.34	21	53.34

Schima wallichii/ (CHILAUNE/CHILONI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	inch	(cm)
1	120	36.58	85	215.90
2	150	45.72	60	152.40
3	150	45.72	73	185.42

Wrightia tomentosa / (DOODHIA)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56
2	30	9.14	15	38.10
3	30	9.14	19	48.26
4	25	7.62	24	60.96
5	20	6.10	16	40.64
6	23	7.01	20	50.80
7	20	6.10	12	30.48
8	20	6.10	11	27.94
9	20	6.10	14	35.56
10	25	7.62	22	55.88
11	22	6.71	20	50.80
12	20	6.10	20	50.80
13	15	4.57	11	27.94
14	40	12.19	26	66.04
15	40	12.19	38	96.52
16	20	6.10	19	48.26
17	60	18.29	44	111.76
18	25	7.62	14	35.56
19	20	6.10	10	25.40
20	30	9.14	25	63.50
21	20	6.10	13	33.02
22	20	6.10	13	33.02
23	20	6.10	18	45.72
24	15	4.57	13	33.02
25	40	12.19	23	58.42
26	40	12.19	24	60.96
27	40	12.19	29	73.66
28	20	6.10	12	30.48
29	42	12.80	18	45.72
30	30	9.14	17	43.18
31	20	6.10	17	43.18
32	20	6.10	16	40.64
33	15	4.57	16	40.64
34	25	7.62	23	58.42
35	25	7.62	15	38.10
36	20	6.10	15	38.10

BARAHATI

***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
37	40	12.19	30	76.20
38	20	6.10	19	48.26
39	25	7.62	18	45.72

***Casearia glomerata* / (BANDARKHAJA)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	11	27.94
2	150	45.72	40	101.6

***Gmelina arborea/* (GAMAR/GAMARI)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	21	53.34

***Dillenia pentagyna/* (TATARI/RAY/BON CHALTA)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	17	43.18
2	30	9.14	18	45.72
3	25	7.62	14	35.56
4	40	12.19	25	63.50
5	150	45.72	51	129.54

***Monoon simiarum* / (LAAPCHE/KHUTI KATH/CHOROK CHAPA)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	27	68.58
2	150	45.72	33	83.82
3	25	7.62	12	30.48
4	110	33.53	14	35.56

***Premna bengalensis* / (GIDARI/GIDRAJ/DHOULI)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	24	60.96
2	20	6.10	19	48.26
3	20	6.10	14	35.56
4	25	7.62	14	35.56
5	25	7.62	28	71.12
6	52	15.85	35	88.90
7	50	15.24	39	99.06
8	40	12.19	22	55.88
9	21	6.40	15	38.10

***Bridelia retusa* / (KOSAI/GAYO)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	33	83.82

***Ilex godajam* / (HATISURA)**

	Height (ft)		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	130	39.62	75	190.50

***Syzygium cumini/* (JAM/KALO JAM/LAL JAMUN)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	18	45.72
2	20	6.10	14	35.56
3	50	15.24	23	58.42
4	50	15.24	36	91.44
5	15	4.57	13	33.02
6	40	12.19	24	60.96
7	30	9.14	29	73.66
8	25	7.62	16	40.64
9	50	15.24	45	114.30

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	14	35.56
2	75	22.86	51	129.54

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88

***Sloanea sterculiacea* / (KADAM KATUS/BHAISI KATUS)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	47	119.38

***Actinodaphne obovata/* (MONDOLA/RUNCHE)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64
2	50	15.24	29	73.66
3	30	9.14	16	40.64

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	15	38.10

***Turpinia pomifera* / (THALI)**

SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	53	134.62

BARAHATI

Machilus glaucescens / (KHAGOR)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	25	7.62	15	38.10
3	15	4.57	11	27.94
4	25	7.62	12	30.48
5	40	12.19	19	48.26
6	40	12.19	17	43.18
7	30	9.14	18	45.72
8	50	15.24	29	73.66
9	20	6.10	21	53.34
10	40	12.19	21	53.34
11	30	9.14	15	38.10
12	30	9.14	20	50.80
13	50	15.24	29	73.66
14	70	21.34	33	83.82
15	60	18.29	32	81.28
16	60	18.29	22	55.88
17	15	4.57	11	27.94
18	70	21.34	28	71.12
19	40	12.19	29	73.66
20	30	9.14	21	53.34
21	40	12.19	24	60.96
22	40	12.19	17	43.18

Casearia vareca/ (SADA LALI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	35	88.90
2	30	9.14	19	48.26
3	25	7.62	17	43.18
4	40	12.19	42	106.68

Dysoxylum binectarifolium / (LAHASUNE)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	31	78.74
2	150	45.72	74	187.96
3	35	10.67	13	33.02
4	80	24.38	51	129.54
5	200	60.96	44	111.76
6	150	45.72	90	228.60
7	25	7.62	14	35.56
8	25	7.62	14	35.56
9	90	27.43	50	127.00
10	120	36.58	48	121.92
11	150	45.72	72	182.88
12	30	9.14	22	55.88
13	200	60.96	68	172.72
14	70	21.34	57	144.78
15	20	6.10	13	33.02
16	25	7.62	21	53.34
17	70	21.34	40	101.60
18	250	76.20	68	172.72
19	25	7.62	18	45.72
20	35	10.67	14	35.56
21	40	12.19	24	60.96
22	20	6.10	14	35.56
23	120	36.58	48	121.92
24	70	21.34	45	114.30
25	20	6.10	14	35.56
26	60	18.29	37	93.98
27	25	7.62	25	63.50
28	34	10.36	30	76.20
29	25	7.62	16	40.64
30	20	6.10	13	33.02

Holarrhena pubescens/ (KURCHI/KHIRRA)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	13	33.02
2	25	7.62	20	50.80
3	25	7.62	21	53.34
4	55	16.76	30	76.20
5	25	7.62	19	48.26
6	26	7.92	25	63.50
7	70	21.34	42	106.68
8	70	21.34	42	106.68
9	40	12.19	20	50.80
10	45	13.72	25	63.50

Lagerstroemia parviflora/ (BAAJE/SIDHA)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	17	43.18
2	150	45.72	55	139.70

BARAHATI

Erythrina stricta/ (MADAR)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	17	43.18
2	20	6.10	26	66.04
3	40	12.19	16	40.64

Senna siamea/ (MINJIRI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	19	48.26
2	60	18.29	27	68.58
3	60	18.29	39	99.06

Mallotus nudiflorus/ (PITHALI)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	16	40.64
2	80	24.38	46	116.84
3	35	10.67	19	48.26
4	30	9.14	13	33.02
5	40	12.19	17	43.18
6	25	7.62	15	38.10
7	50	15.24	30	76.20
8	45	13.72	30	76.20
9	40	12.19	25	63.50
10	20	6.10	15	38.10
11	50	15.24	34	86.36
12	40	12.19	16	40.64
13	25	7.62	19	48.26
14	50	15.24	35	88.90
15	60	18.29	27	68.58
16	70	21.34	32	81.28
17	25	7.62	19	48.26
18	120	36.58	90	228.60
19	30	9.14	28	71.12
20	40	12.19	23	58.42
21	25	7.62	18	45.72

Vitex heterophylla/ (PANCHPATE)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10
2	65	19.81	72	182.88
3	36	10.97	22	55.88
4	35	10.67	23	58.42
5	30	9.14	23	58.42
6	20	6.10	13	33.02
7	30	9.14	16	40.64
8	50	15.24	32	81.28
9	40	12.19	18	45.72
10	30	9.14	17	43.18
11	20	6.10	16	40.64
12	25	7.62	16	40.64
13	20	6.10	19	48.26
14	30	9.14	15	38.10
15	25	7.62	17	43.18
16	25	7.62	13	33.02
17	30	9.14	16	40.64
18	45	13.72	33	83.82
19	40	12.19	18	45.72
20	30	9.14	24	60.96
21	80	24.38	110	279.40
22	45	13.72	30	76.20
23	30	9.14	21	53.34
24	25	7.62	20	50.80
25	25	7.62	14	35.56

Shorea robusta/ (SAL)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	280	85.34	132	335.28
2	250	76.20	95	241.30
3	250	76.20	15	38.10
4	250	76.20	90	228.60
5	250	76.20	110	279.40
6	250	76.20	64	162.56
7	250	76.20	120	304.80
8	200	60.96	103	261.62
9	130	39.62	84	213.36
10	130	39.62	70	177.80
11	150	45.72	110	279.40
12	180	54.86	84	213.36
13	150	45.72	120	304.80
14	165	50.29	90	228.60
15	130	39.62	110	279.40

Albizia chinensis/ (SIRISH)				
SL. NO.	Height (ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	26	66.04
2	40	12.19	22	55.88
3	50	15.24	28	71.12

BARAHATI

Barahati SP 1

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	30	9.14	32	81.28
3	150	45.72	67	170.18
4	100	30.48	43	109.22
5	120	36.58	50	127.00
6	30	9.14	21	53.34
7	200	60.96	35	88.90
8	120	36.58	53	134.62
9	100	30.48	50	127.00
10	250	76.20	70	177.80
11	150	45.72	80	203.20
12	200	60.96	50	127.00
13	150	45.72	82	208.28
14	40	12.19	30	76.20
15	80	24.38	28	71.12
16	150	45.72	52	132.08
17	50	15.24	46	116.84
18	110	33.53	54	137.16
19	150	45.72	51	129.54
20	100	30.48	38	96.52
21	125	38.10	54	137.16
22	90	27.43	70	177.80
23	70	21.34	36	91.44
24	150	45.72	53	134.62
25	100	30.48	45	114.30
26	120	36.58	60	152.40
27	152	46.33	58	147.32
28	100	30.48	50	127.00
29	110	33.53	42	106.68
30	140	42.67	49	124.46
31	152	46.33	80	203.20
32	130	39.62	41	104.14
33	150	45.72	53	134.62
34	110	33.53	54	137.16
35	120	36.58	51	129.54
36	60	18.29	36	91.44
37	120	36.58	40	101.60
38	130	39.62	60	152.40
39	110	33.53	36	91.44
40	110	33.53	51	129.54
41	130	39.62	55	139.70

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	26	66.04
2	40	12.19	21	53.34
3	20	6.10	12	30.48
4	40	12.19	16	40.64
5	25	7.62	12	30.48
6	80	24.38	26	66.04
7	25	7.62	10	25.40
8	40	12.19	19	48.26
9	25	7.62	10	25.40
10	20	6.10	13	33.02
11	120	36.58	39	99.06
12	80	24.38	27	68.58
13	40	12.19	12	30.48
14	25	7.62	12	30.48
15	30	9.14	11	27.94
16	35	10.67	16	40.64
17	25	7.62	15	38.10
18	30	9.14	13	33.02
19	30	9.14	12	30.48

***Casearia glomerata*/ (BANDARKHAJA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	13	33.02
2	25	7.62	14	35.56
3	25	7.62	17	43.18
4	30	9.14	22	55.88
5	30	9.14	16	40.64

***Andromeda elliptica* / (ANGERI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	14	35.56
2	50	15.24	23	58.42
3	40	12.19	12	30.48
4	40	12.19	16	40.64
5	42	12.80	16	40.64
6	45	13.72	22	55.88
7	30	9.14	15	38.10
8	130	39.62	52	132.08
9	40	12.19	23	58.42
10	50	15.24	20	50.80
11	35	10.67	20	50.80
12	60	18.29	20	50.80
13	30	9.14	13	33.02

***Terminalia bellirica/* (BAHERA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	200	60.96	44	111.76
2	50	15.24	40	101.60
3	120	36.58	45	114.30
4	25	7.62	14	35.56
5	80	24.38	40	101.60
6	25	7.62	15	38.10
7	30	9.14	19	48.26
8	170	51.82	46	116.84

***Dillenia pentagyna*/ (TATARI/RAY/BON CHALTA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	18	45.72

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	15	38.10
2	80	24.38	32	81.28

BARAHATI

Litsea monopetala / (KUTMIRO/BON KATHALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	30	76.20
2	35	10.67	16	40.64
3	25	7.62	25	63.50
4	25	7.62	16	40.64
5	200	60.96	70	177.80

Oroxylum indicum / (TOTOLA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	27	68.58
2	20	6.10	17	43.18
3	40	12.19	22	55.88
4	25	7.62	17	43.18

Schima wallichii / (CHILAUNE/CHILONI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	25	63.50
2	70	21.34	47	119.38

Wrightia tomentosa / (DOODHIA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	32	81.28

Chisocheton cumingianus / (FALA LALI/HARA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	16	40.64
2	60	18.29	24	60.96
3	75	22.86	37	93.98
4	120	36.58	43	109.22

Premna bengalensis / (GIDARI/GIDRAJ/DHOULI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	46	116.84
2	30	9.14	15	38.10

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1.00	30	9.14	28	71.12
2.00	25	7.62	14	35.56
3.00	35	10.67	14	35.56
4	40	12.19	25	63.50
5	30	9.14	20	50.80
6	20	6.10	11	27.94

Syzygium cumini / (JAM/KALO JAM/LAL JAMUN)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	20	50.80
2	50	15.24	21	53.34
3	25	7.62	21	53.34

Lagerstroemia speciosa / (JARUL)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	44	111.76

Lasiocca symphylliaefolia / (JHAKRI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	18	45.72
2	25	7.62	15	38.10
3	25	7.62	25	63.50
4	25	7.62	12	30.48
5	80	24.38	27	68.58
6	80	24.38	80	203.20

Lannea coromandelica/ (JIGA/JEOL)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	27	68.58

Sloanea sterculiacea / (KADAM KATUS/BHAISI KATUS)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	100	254.00

Actinodaphne obovata/ (MONDOLA/RUNCHE)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1.00	35	10.67	22	55.88
2	35	10.67	35	88.90
3	25	7.62	14	35.56
4	25	7.62	21	53.34
5	25	7.62	13	33.02
6	20	6.10	14	35.56
7	25	7.62	13	33.02
8	20	6.10	12	30.48
9	25	7.62	15	38.10

Machilus glaucescens / (KHAGOR)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	14	35.56
2	60	18.29	19	48.26
3	30	9.14	13	33.02
4	40	12.19	14	35.56
5	30	9.14	14	35.56
6	40	12.19	14	35.56
7	40	12.19	17	43.18
8	25	7.62	13	33.02

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Monoon similarum / (LAAPCHE/KHUTI KATH/CHOROK CHAPA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	12	30.48
2	150	45.72	32	81.28
3	25	7.62	14	35.56
4	150	45.72	35	88.90
5	155	47.24	70	177.80
6	30	9.14	19	48.26
7	25	7.62	11	27.94
8	100	30.48	31	78.74
9	25	7.62	11	27.94
10	32	9.75	14	35.56

Holarrhena pubescens / (KURCHI/KHIRRA)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	30	76.20
2	35	10.67	22	55.88
3	60	18.29	41	104.14
4	50	15.24	34	86.36
5	50	15.24	36	91.44
6	100	30.48	48	121.92
7	40	12.19	30	76.20
8	30	9.14	16	40.64
9	25	7.62	21	53.34
10	32	9.75	27	68.58
11	35	10.67	32	81.28
12	25	7.62	12	30.48
13	150	45.72	42	106.68
14	25	7.62	16	40.64
15	30	9.14	17	43.18
16	25	7.62	16	40.64
17	50	15.24	36	91.44
18	42	12.80	30	76.20
19	35	10.67	27	68.58
20	23	7.01	22	55.88
21	30	9.14	20	50.80
22	50	15.24	16	40.64

Amoora wallichii/ (LALI/DOODH LALI/BORO LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48

Duabanga grandiflora / (LAMPATE)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	140	42.67	49	124.46

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	17	43.18
2	35	10.67	15	38.10
3	25	7.62	20	50.80
4	20	6.10	13	33.02
5	35	10.67	17	43.18
6	25	7.62	15	38.10
7	20	6.10	21	53.34
8	30	9.14	21	53.34
9	30	9.14	20	50.80

Sterculia villosa/ (UDLA/ODAL)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	200	60.96	60	152.40

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	16	40.64
2	100	30.48	40	101.60
3	25	7.62	16	40.64
4	35	10.67	21	53.34
5	30	9.14	15	38.10
6	50	15.24	32	81.28

Vitex heterophylla/ (PANCHPATE)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	43	109.22
2	30	9.14	17	43.18
3	30	9.14	15	38.10
4	30	9.14	20	50.80
5	25	7.62	22	55.88
6	40	12.19	20	50.80
7	40	12.19	18	45.72
8	30	9.14	12	30.48
9	50	15.24	24	60.96
10	25	7.62	14	35.56
11	40	12.19	21	53.34
12	20	6.10	11	27.94
13	35	10.67	19	48.26
14	40	12.19	24	60.96
15	25	7.62	14	35.56
16	20	6.10	15	38.10
17	50	15.24	32	81.28
18	40	12.19	30	76.20
19	40	12.19	14	35.56
20	25	7.62	13	33.02
21	50	15.24	27	68.58

Casearia vareca / (SADA LALI)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	16	40.64

Albizia chinensis / (SIRISH)				
SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	30	76.20

***Shorea robusta* / (SAL)**				
SL. NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	250	76.20	110	279.40
2	250	76.20	107	271.78
3	250	76.20	114	289.56
4	250	76.20	90	228.60
5	250	76.20	104	264.16
6	250	76.20	125	317.50
7	200	60.96	120	304.80
8	150	45.72	115	292.10
9	145	44.20	115	292.10
10	250	76.20	137	347.98
11	175	53.34	120	304.80
12	160	48.77	120	304.80
13	120	36.58	120	304.80
14	130	39.62	115	292.10
15	170	51.82	100	254.00
16	200	60.96	120	304.80
17	130	39.62	75	190.50

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**				
SL. NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	40	12.19	27	68.58
2	70	21.34	27	68.58
3	150	45.72	95	241.30

***Turpinia pomifera* / (THALI)**				
SL. NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	50	15.24	41	104.14
2	70	21.34	50	127.00
3	20	6.10	14	35.56
4	25	7.62	17	43.18
5	40	12.19	19	48.26
6	65	19.81	57	144.78
7	100	30.48	49	124.46

BARAHATI

Barahati SP 6

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	56	142.24
2	30	9.14	15	38.10
3	35	10.67	15	38.10
4	125	38.10	48	121.92
5	50	15.24	22	55.88
6	40	12.19	22	55.88

***Andromeda elliptica* / (ANGERI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	51	129.54
2	40	12.19	25	63.50
3	30	9.14	23	58.42
4	70	21.34	51	129.54
5	25	7.62	12	30.48
6	40	12.19	17	43.18
7	50	15.24	24	60.96
8	25	7.62	13	33.02
9	60	18.29	46	116.84
10	60	18.29	38	96.52
11	25	7.62	14	35.56

***Casearia glomerata*/ (BANDARKHAJA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	25	63.50

***Terminalia bellirica*/ (BAHERA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	75	190.50

***Oroxylum indicum*/ (TOTOLA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	19	48.26

***Litsea monopetala*/ (KUTMIRO/BON KATHALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	36	91.44
2	25	7.62	23	58.42
3	50	15.24	39	99.06
4	30	9.14	15	38.10
5	30	9.14	12	30.48
6	35	10.67	16	40.64
7	70	21.34	35	88.90
8	45	13.72	22	55.88
9	25	7.62	11	27.94
10	60	18.29	33	83.82
11	42	12.80	17	43.18
12	40	12.19	19	48.26
13	35	10.67	17	43.18
14	40	12.19	20	50.80
15	45	13.72	24	60.96
16	40	12.19	23	58.42

***Magnolia champaca*/ (CHAAMP)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	90	27.43	57	144.78

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	12	30.48

***Chukrasia tabularis*/ (CHIKRASI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	170	51.82	39	99.06

***Lannea coromandelica*/ (JIGA/JEOL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	130	39.62	52	132.08

***Schima wallichii* / (CHILAUNE/CHILONI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	57	144.78
2	60	18.29	28	71.12
3	110	33.53	51	129.54
4	25	7.62	16	40.64
5	80	24.38	19	48.26
6	25	7.62	15	38.10
7	30	9.14	25	63.50
8	30	9.14	15	38.10
9	120	36.58	90	228.60
10	45	13.72	24	60.96
11	125	38.10	48	121.92
12	60	18.29	49	124.46
13	95	28.96	69	175.26
14	55	16.76	40	101.60
15	150	45.72	61	154.94
16	120	36.58	43	109.22
17	62	18.90	30	76.20
18	65	19.81	32	81.28
19	40	12.19	20	50.80
20	120	36.58	55	139.70
21	130	39.62	78	198.12

***Premna bengalensis* / (GIDARI/GIDRAJ/DHOULI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	48	121.92
2	30	9.14	15	38.10
3	70	21.34	32	81.28
4	60	18.29	33	83.82
5	15	4.57	12	30.48
6	37	11.28	35	88.90
7	100	30.48	23	58.42
8	30	9.14	15	38.10
9	150	45.72	82	208.28

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***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	19	48.26
2	25	7.62	15	38.10
3	25	7.62	20	50.80

***Callicarpa arborea*/ (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	25	7.62	14	35.56
3	75	22.86	30	76.20

***Ilex godajam*/ (HATISURA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	152	46.33	55	139.70
2	62	18.90	25	63.50
3	30	9.14	21	53.34

***Syzygium cumini*/ (JAM/KALO JAM/LAL JAMUN)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	25	63.50
2	24	7.32	18	45.72
3	50	15.24	26	66.04
4	45	13.72	15	38.10
5	30	9.14	12	30.48
6	140	42.67	45	114.30
7	80	24.38	42	106.68

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	20	50.80
2	50	15.24	38	96.52
3	40	12.19	38	96.52

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	21	53.34
2	25	7.62	10	25.40
3	60	18.29	25	63.50
4	50	15.24	26	66.04
5	70	21.34	56	142.24
6	55	16.76	22	55.88
7	50	15.24	38	96.52
8	60	18.29	43	109.22
9	25	7.62	14	35.56
10	30	9.14	14	35.56
11	30	9.14	12	30.48
12	30	9.14	26	66.04
13	55	16.76	46	116.84

***Elaeocarpus varuua*/ (BHADRASE/JUNGLI JALPAI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	61	154.94

***Actinodaphne obovata*/ (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	22	55.88
2	30	9.14	16	40.64

***Castanopsis hystrix*/ (KATUS)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	68	172.72
2	85	25.91	95	241.30
3	200	60.96	86	218.44
4	26	7.92	15	38.10
5	50	15.24	24	60.96
6	35	10.67	24	60.96
7	25	7.62	18	45.72
8	30	9.14	25	63.50

***Machilus glaucescens* / (KHAGOR)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	50	127.00
2	50	15.24	36	91.44
3	60	18.29	23	58.42
4	40	12.19	22	55.88
5	20	6.10	14	35.56
6	25	7.62	10	25.40

***Monoon simiarum* / (LAAPCHE/KHUTI KATH/CHOROK CHAPA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	20	50.80
2	50	15.24	23	58.42
3	24	7.32	16	40.64

***Careya arborea*/ (KUMBHI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	15	4.57	15	38.10
2	20	6.10	15	38.10
3	110	33.53	50	127.00

***Holarrhena pubescens* / (KURCHI/KHIRRA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	20	50.80
2	35	10.67	18	45.72
3	40	12.19	25	63.50
4	30	9.14	23	58.42
5	38	11.58	25	63.50
6	150	45.72	46	116.84

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	80	24.38	48	121.92

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Amoora wallichii/ (LALI/DOODH LALI/BORO LALI)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	200	60.96	66	167.64
2	200	60.96	45	114.30
3	250	76.20	60	152.40
4	160	48.77	67	170.18
5	20	6.10	12	30.48
6	70	21.34	47	119.38
7	35	10.67	17	43.18
8	80	24.38	25	63.50
9	50	15.24	31	78.74
10	80	24.38	25	63.50
11	150	45.72	85	215.90
12	25	7.62	16	40.64
13	200	60.96	51	129.54
14	200	60.96	150	381.00
15	130	39.62	52	132.08
16	100	30.48	46	116.84
17	40	12.19	20	50.80
18	120	36.58	45	114.30

Baccaurea ramiflora/ (KUSUM/LOTKA/NOTKO)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	15	4.57	12	30.48
2	20	6.10	11	27.94
3	25	7.62	13	33.02
4	25	7.62	14	35.56
5	30	9.14	16	40.64
6	20	6.10	12	30.48
7	30	9.14	24	60.96
8	20	6.10	14	35.56

Pyrus communis/ (Naspati)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	50	15.24	38	96.52
2	25	7.62	19	48.26
3	50	15.24	26	66.04
4	45	13.72	26	66.04
5	60	18.29	13	33.02

Stereospermum tetragonum / (PARARI)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	35	10.67	16	40.64
2	25	7.62	16	40.64
3	25	7.62	13	33.02

Mallotus nudiflorus / (PITHALI)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	80	24.38	20	50.80
2	110	33.53	42	106.68
3	120	36.58	46	116.84
4	37	11.28	25	63.50
5	50	15.24	22	55.88
6	50	15.24	26	66.04
7	30	9.14	15	38.10
8	30	9.14	14	35.56
9	62	18.90	26	66.04
10	60	18.29	17	43.18
11	35	10.67	13	33.02

Dysoxylum binectarifolium / (LAHASUNE)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	80	24.38	47	119.38
2	82	24.99	68	172.72
3	200	60.96	25	63.50
4	50	15.24	20	50.80
5	35	10.67	24	60.96
6	25	7.62	13	33.02
7	110	33.53	48	121.92
8	75	22.86	34	86.36

Vitex heterophylla / (PANCHPATE)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	90	27.43	30	76.20
2	25	7.62	15	38.10
3	30	9.14	23	58.42
4	25	7.62	15	38.10
5	150	45.72	30	76.20
6	60	18.29	31	78.74
7	30	9.14	12	30.48
8	30	9.14	14	35.56
9	82	24.99	38	96.52
10	35	10.67	16	40.64

Casearia vareca / (SADA LALI)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	120	36.58	60	152.40
2	60	18.29	39	99.06
3	25	7.62	15	38.10

Lagerstroemia parviflora / (BAAJE/SIDHA)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	80	24.38	27	68.58

Sterculia villosa / (UDLA/ODAL)				
	Height		Girth	
SL. NO.	(ft)	(m)	(inch)	(cm)
1	50	15.24	22	55.88

***Shorea robusta* / (SAL)**				
SL. NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	250	76.20	120	304.80
2	200	60.96	82	208.28
3	130	39.62	70	177.80
4	130	39.62	83	210.82
5	200	60.96	72	182.88
6	170	51.82	120	304.80
7	250	76.20	128	325.12
8	170	51.82	90	228.60
9	200	60.96	130	330.20
10	200	60.96	130	330.20
11	260	79.25	140	355.60
12	260	79.25	125	317.50
13	120	36.58	85	215.90
14	140	42.67	70	177.80
15	130	39.62	85	215.90
16	175	53.34	110	279.40
17	170	51.82	86	218.44
18	135	41.15	124	314.96

***Turpinia pomifera* / (THALI)**				
SL. NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	60	18.29	26	66.04
2	50	15.24	26	66.04
3	40	12.19	22	55.88
4	60	18.29	37	93.98
5	80	24.38	37	93.98
6	72	21.95	30	76.20
7	70	21.34	31	78.74

SURSUTI

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***Tectona grandis* / (TEAK/SEGUN)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	92	28.04	55	139.70
2	110	33.53	62	157.48
3	130	39.62	76	193.04
4	92	28.04	81	205.74
5	65	19.81	37	93.98
6	88	26.82	38	96.52
7	72	21.95	34	86.36
8	90	27.43	48	121.92
9	58	17.68	44	111.76
10	81	24.69	44	111.76
11	68	20.73	35	88.90
12	108	32.92	52	132.08

***Pongamia pinnata* / (KORONJ)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	88	26.82	42	106.68
2	76	23.16	45	114.30
3	96	29.26	44	111.76
4	112	34.14	56	142.24
5	124	37.80	58	147.32
6	66	20.12	35	88.90
7	55	16.76	28	71.12
8	75	22.86	32	81.28
9	80	24.38	38	96.52
10	92	28.04	40	101.60

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	27.94
2	128	39.01	78	198.12
3	118	35.97	48	121.92
4	87	26.52	37	93.98
5	56	17.07	32	81.28
6	67	20.42	30	76.20
7	74	22.56	42	106.68
8	51	15.54	26	66.04
9	90	27.43	40	101.60
10	86	26.21	42	106.68
11	77	23.47	35	88.90
12	134	40.84	66	167.64
13	152	46.33	82	208.28

***Amoora wallichii* / (LALI/DOODH LALI/BORO LALI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	26	7.92	16	40.64
2	44	13.41	16	40.64
3	37	11.28	22	55.88
4	66	20.12	31	78.74
5	50	15.24	23	58.42
6	91	27.74	47	119.38
7	104	31.70	67	170.18
8	114	34.75	72	182.88
9	96	29.26	50	127.00
10	32	9.75	17	43.18
11	44	13.41	21	53.34

***Wrightia tomentosa* / (DOODHIA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	21	53.34
2	23	7.01	13	33.02
3	27	8.23	18	45.72
4	25	7.62	31	78.74
5	45	13.72	27	68.58
6	38	11.58	20	50.80
7	40	12.19	21	53.34
8	20	6.10	12	30.48
9	107	32.61	51	129.54
10	34	10.36	16	40.64
11	18	5.49	11	27.94
12	43	13.11	19	48.26
13	25	7.62	17	43.18
14	83	25.30	28	71.12
15	87	26.52	27	68.58
16	62	18.90	28	71.12
17	36	10.97	23	58.42
18	42	12.80	20	50.80
19	46	14.02	32	81.28
20	88	26.82	40	101.60

***Amoora rohituka* / (LASOONI LALI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	113	34.44	49	124.46
2	58	17.68	29	73.66
3	82	24.99	40	101.60
4	92	28.04	50	127.00
5	114	34.75	67	170.18
6	127	38.71	72	182.88
7	56	17.07	31	78.74
8	67	20.42	30	76.20
9	134	40.84	72	182.88
10	65	19.81	33	83.82
11	156	47.55	82	208.28
12	116	35.36	60	152.40

***Casearia glomerata* / (BANDARKHAJA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	30	9.14	10	25.40
2	27	8.23	14	35.56
3	42	12.80	18	45.72
4	50	15.24	22	55.88
5	62	18.90	27	68.58

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	23	58.42
2	45	13.72	20	50.80

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***Toona hexandra* / (TOON/TUNI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**122**	**37.19**	**48**	**121.92**

***Stereospermum tetragonum* / (PARARI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	23	58.42
2	134	40.84	72	182.88
3	80	24.38	46	116.84
4	31	9.45	13	33.02

***Magnolia champaca* / (CHAAMP)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	148	45.11	74	187.96
2	132	40.23	46	116.84
3	107	32.61	47	119.38

***Sterculia villosa* / (UDLA/ODAL)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	153	46.63	104	264.16
2	162	49.38	108	274.32

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	63	19.20	21	53.34
2	70	21.34	26	66.04
3	66	20.12	30	76.20
4	31	9.45	11	27.94
5	48	14.63	21	53.34
6	75	22.86	35	88.90
7	60	18.29	28	71.12
8	32	9.75	18	45.72
9	82	24.99	40	101.60

***Castanopsis hystrix* / (KATUS)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	15	38.10
2	56	17.07	20	50.80
3	45	13.72	26	66.04
4	82	24.99	42	106.68
5	27	8.23	11	27.94
6	33	10.06	18	45.72
7	78	23.77	38	96.52
8	48	14.63	22	55.88
9	58	17.68	30	76.20
10	31	9.45	18	45.72
11	38	11.58	21	53.34

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	17	43.18
2	44	13.41	24	60.96
3	28	8.53	15	38.10
4	36	10.97	21	53.34
5	82	24.99	44	111.76
6	71	21.64	37	93.98
7	52	15.85	26	66.04
8	28	8.53	11	27.94
9	25	7.62	13	33.02
10	77	23.47	41	104.14
11	50	15.24	26	66.04
12	46	14.02	23	58.42
13	60	18.29	31	78.74
14	68	20.73	36	91.44
15	32	9.75	17	43.18

***Careya arborea* / (KUMBHI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	36	91.44
2	56	17.07	28	71.12

***Albizia procera* / (SADA SIRISH/SWET SIRISH)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	27	8.23	12	30.48
2	41	12.50	24	60.96
3	60	18.29	32	81.28
4	58	17.68	30	76.20
5	42	12.80	20	50.80
6	44	13.41	22	55.88
7	67	20.42	33	83.82
8	75	22.86	37	93.98

***Shorea robusta* / (SAL)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	140	42.67	82	208.28
2	123	37.49	68	172.72
3	156	47.55	102	259.08
4	134	40.84	92	233.68
5	140	42.67	78	198.12
6	112	34.14	66	167.64

***Terminalia bellirica* / (BAHERA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	38	96.52
2	42	12.80	21	53.34
3	96	29.26	45	114.30
4	80	24.38	42	106.68
5	107	32.61	64	162.56
6	134	40.84	68	172.72
7	147	44.81	82	208.28
8	82	24.99	46	116.84
9	70	21.34	38	96.52
10	45	13.72	32	81.28
11	76	23.16	35	88.90

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Lagerstroemia speciosa / (JARUL)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	46	116.84
2	70	21.34	33	83.82
3	48	14.63	23	58.42
4	26	7.92	18	45.72
5	104	31.70	60	152.40
6	58	17.68	30	76.20
7	75	22.86	36	91.44
8	21	6.40	11	27.94
9	30	9.14	17	43.18
10	123	37.49	70	177.80
11	90	27.43	48	121.92
12	102	31.09	52	132.08
13	128	39.01	60	152.40
14	134	40.84	66	167.64
15	66	20.12	32	81.28
16	110	33.53	56	142.24
17	92	28.04	44	111.76
18	107	32.61	62	157.48

Litsea monopetala / (KUTMIRO/BON KATHALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	20	50.80
2	56	17.07	27	68.58
3	32	9.75	18	45.72
4	27	8.23	14	35.56

Balakata baccata / (AKHATARU)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	112	34.14	65	165.10
2	134	40.84	82	208.28
3	78	23.77	38	96.52

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	13	33.02
2	19	5.79	11	27.94

Chukrasia tabularis / (CHIKRASI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	78	23.77	36	91.44
2	28	8.53	11	27.94
3	40	12.19	22	55.88
4	26	7.92	14	35.56
5	38	11.58	20	50.80
6	47	14.33	25	63.50
7	66	20.12	28	71.12
8	72	21.95	35	88.90
9	90	27.43	46	116.84

Mallotus nudiflorus / (PITHALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	113	34.44	70	177.80
2	150	45.72	102	259.08
3	35	10.67	18	45.72
4	31	9.45	15	38.10
5	90	27.43	41	104.14
6	71	21.64	36	91.44
7	104	31.70	50	127.00
8	56	17.07	28	71.12

Terminalia chebula / (HORITOKI/HARRA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	78	23.77	40	101.60
2	88	26.82	46	116.84
3	40	12.19	22	55.88

Zanthoxylum armatum / (TIMBUR)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	123	37.49	72	182.88
2	118	35.97	62	157.48
3	90	27.43	45	114.30

Vitex peduncularis/ (CHARAI GOURA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	66	20.12	30	76.20
2	81	24.69	45	114.30
3	94	28.65	40	101.60
4	45	13.72	21	53.34
5	51	15.54	27	68.58

Sterculia lanceaefolia / (BAKAIN/SADA BAKAIN)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	104	31.70	58	147.32
2	67	20.42	31	78.74
3	88	26.82	44	111.76
4	74	22.56	46	116.84

Meliosma simplicifolia / (PATPATEY)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	67	20.42	33	83.82
2	74	22.56	41	104.14

SURSUTI

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Pongamia pinnata/ (KORONJ)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	85	25.91	37	93.98
2	71	21.64	25	63.50
3	85	25.91	40	101.60
4	42	12.80	40	101.60
5	35	10.67	23	58.42
6	50	15.24	40	101.60
7	74	22.56	42	106.68
8	78	23.77	44	111.76
9	65	19.81	37	93.98
10	63	19.20	32	81.28
11	33	10.06	12	30.48
12	30	9.14	12	30.48
13	35	10.67	13	33.02
14	38	11.58	12	30.48
15	40	12.19	14	35.56
16	42	12.80	15	38.10
17	56	17.07	20	50.80
18	86	26.21	46	116.84
19	92	28.04	50	127.00
20	32	9.75	12	30.48
21	45	13.72	14	35.56
22	30	9.14	11	27.94
23	27	8.23	12	30.48
24	28	8.53	12	30.48
25	32	9.75	11	27.94

Callicarpa arborea/ (BOGDO/KHODO/GOYLO)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	12	30.48
2	38	11.58	13	33.02
3	35	10.67	14	35.56
4	45	13.72	30	76.20
5	20	6.10	15	38.10

Amoora wallichii/ (LALI/DOODH LALI/BORO LALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	53	134.62
2	70	21.34	50	127.00
3	78	23.77	25	63.50
4	78	23.77	80	203.20
5	65	19.81	32	81.28
6	80	24.38	43	109.22
7	85	25.91	32	81.28
8	72	21.95	34	86.36
9	36	10.97	12	30.48
10	32	9.75	11	27.94
11	45	13.72	13	33.02
12	46	14.02	12	30.48
13	52	15.85	14	35.56
14	30	9.14	13	33.02
15	52	15.85	18	45.72
16	86	26.21	36	91.44
17	72	21.95	38	96.52
18	53	16.15	28	71.12
19	62	18.90	30	76.20
20	45	13.72	21	53.34
21	48	14.63	18	45.72

Casearia glomerata/ (BANDARKHAJA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	30	76.20
2	42	12.80	18	45.72
3	45	13.72	20	50.80
4	44	13.41	12	30.48
	53	16.15	18	45.72

Casearia vareca/ (SADA LALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	92	28.04	58	147.32
2	68	20.73	23	58.42
3	42	12.80	40	101.60

Machilus glaucescens/ (KHAGOR)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	27.94
2	65	19.81	31	78.74
3	136	41.45	75	190.50
4	81	24.69	26	66.04
5	102	31.09	36	91.44
6	85	25.91	42	106.68
7	36	10.97	12	30.48
8	38	11.58	18	45.72
9	36	10.97	18	45.72
10	26	7.92	12	30.48
11	28	8.53	12	30.48
12	28	8.53	12	30.48
13	32	9.75	14	35.56
14	34	10.36	20	50.80
15	30	9.14	20	50.80
16	56	17.07	18	45.72
17	45	13.72	17	43.18

Amoora rohituka/ (LASOONI LALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	90	27.43	70	177.80
2	116	35.36	85	215.90
3	112	34.14	72	182.88
4	85	25.91	60	152.40
5	96	29.26	44	111.76
6	98	29.87	52	132.08
7	100	30.48	52	132.08
8	106	32.31	67	170.18
9	35	10.67	12	30.48
10	36	10.97	11	27.94
11	55	16.76	24	60.96
12	65	19.81	28	71.12
13	72	21.95	28	71.12

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Baccaurea ramiflora/ (KUSUM/LOTKA/NOTKO)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	12	30.48
2	25	7.62	11	27.94
3	26	7.92	12	30.48
4	25	7.62	11	27.94
5	28	8.53	12	30.48
6	35	10.67	18	45.72
7	36	10.97	17	43.18
8	20	6.10	15	38.10
9	25	7.62	12	30.48
10	52	15.85	25	63.50
11	65	19.81	30	76.20
12	72	21.95	24	60.96
13	75	22.86	28	71.12
14	70	21.34	20	50.80
15	65	19.81	30	76.20
16	66	20.12	20	50.80
17	36	10.97	13	33.02
18	47	14.33	11	27.94
19	35	10.67	18	45.72
20	53	16.15	22	55.88
21	62	18.90	18	45.72
22	45	13.72	25	63.50
23	58	17.68	30	76.20

Wrightia tomentosa/ (DOODHIA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48
2	22	6.71	14	35.56
3	36	10.97	15	38.10
4	42	12.80	18	45.72
5	18	5.49	22	55.88
6	17	5.18	20	50.80
7	24	7.32	12	30.48
8	24	7.32	11	27.94
9	27	8.23	12	30.48
10	22	6.71	11	27.94
11	32	9.75	14	35.56
12	65	19.81	11	27.94
13	67	20.42	30	76.20
14	68	20.73	22	55.88
15	72	21.95	21	53.34
16	75	22.86	38	96.52
17	80	24.38	37	93.98
18	26	7.92	12	30.48
19	30	9.14	18	45.72
20	32	9.75	12	30.48
21	18	5.49	12	30.48
22	16	4.88	11	27.94
23	22	6.71	12	30.48
24	25	7.62	11	27.94
25	36	10.97	11	27.94
26	80	24.38	33	83.82
27	52	15.85	28	71.12
28	26	7.92	12	30.48

Syzygium cumini/ (KHUDE JAM/JAM)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	95	28.96	52	132.08
2	33	10.06	17	43.18
3	75	22.86	28	71.12
4	47	14.33	25	63.50
5	48	14.63	26	66.04
6	125	38.10	85	215.90
7	130	39.62	90	228.60
8	82	24.99	60	152.40
9	75	22.86	65	165.10
10	105	32.00	80	203.20
11	125	38.10	96	243.84
12	112	34.14	72	182.88
13	120	36.58	84	213.36
14	122	37.19	73	185.42
15	94	28.65	72	182.88
16	98	29.87	62	157.48
17	105	32.00	68	172.72
18	120	36.58	58	147.32
19	102	31.09	62	157.48
20	112	34.14	60	152.40
21	96	29.26	53	134.62

Dillenia pentagyna/ (TATARI/RAY/BON CHALTA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	135	41.15	70	177.80
2	84	25.60	63	160.02
3	95	28.96	55	139.70
4	66	20.12	50	127.00
5	42	12.80	32	81.28
6	36	10.97	34	86.36
7	85	25.91	57	144.78
8	37	11.28	20	50.80
9	45	13.72	23	58.42
10	48	14.63	24	60.96
11	120	36.58	66	167.64
12	85	25.91	52	132.08

Magnolia champaca/ (CHAAMP)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	16	40.64
2	47	14.33	16	40.64
3	52	15.85	20	50.80

Litsea glutinosa/ (CHIMNI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	22	55.88
2	65	19.81	24	60.96
3	28	8.53	23	58.42
4	50	15.24	20	50.80
5	52	15.85	32	81.28
6	68	20.73	42	106.68
7	72	21.95	51	129.54
8	82	24.99	55	139.70
9	105	32.00	82	208.28
10	100	30.48	78	198.12

SURSUTI

Schima wallichii/ (CHILAUNEY/CHILONI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	22	6.71	11	27.94
2	35	10.67	22	55.88
3	72	21.95	20	50.80
4	36	10.97	18	45.72
5	38	11.58	18	45.72
6	24	7.32	17	43.18
7	35	10.67	12	30.48
8	82	24.99	30	76.20
9	112	34.14	55	139.70
10	118	35.97	105	266.70
11	85	25.91	50	127.00
12	90	27.43	32	81.28
13	46	14.02	20	50.80

Castanopsis hystrix/ (KATUS)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	13	33.02
2	43	13.11	27	68.58
3	22	6.71	12	30.48
4	92	28.04	58	147.32
5	82	24.99	33	83.82
6	35	10.67	20	50.80
7	56	17.07	22	55.88
8	75	22.86	41	104.14
9	75	22.86	38	96.52
10	70	21.34	35	88.90
11	72	21.95	22	55.88
12	72	21.95	26	66.04
13	65	19.81	37	93.98
14	24	7.32	11	27.94
15	36	10.97	20	50.80
16	24	7.32	27	68.58
17	34	10.36	14	35.56
18	38	11.58	12	30.48
19	52	15.85	28	71.12
20	46	14.02	18	45.72
21	65	19.81	22	55.88
22	66	20.12	25	63.50

Premna bengalensis/ (GIDARI/GINARI/DHOULI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	58	147.32
2	85	25.91	77	195.58
3	96	29.26	62	157.48
4	102	31.09	70	177.80
5	110	33.53	75	190.50
6	85	25.91	54	137.16
7	76	23.16	48	121.92

Monoon simiarum/ (LAAPCHE/CHOROK CHAPA/KHUTI KATH)				
Height			Girth	
	(ft)	(m)	(inch)	(cm)
1	71	21.64	42	106.68
2	36	10.97	16	40.64
3	132	40.23	70	177.80
4	37	11.28	18	45.72
5	25	7.62	11	27.94
6	28	8.53	12	30.48
7	42	12.80	22	55.88
8	42	12.80	25	63.50
9	30	9.14	11	27.94
10	35	10.67	13	33.02
11	76	23.16	30	76.20
12	84	25.60	32	81.28
13	75	22.86	42	106.68
14	82	24.99	40	101.60
15	80	24.38	35	88.90
16	85	25.91	47	119.38
17	76	23.16	40	101.60
18	70	21.34	32	81.28
19	76	23.16	38	96.52
20	82	24.99	35	88.90
21	93	28.35	42	106.68
22	80	24.38	42	106.68
23	46	14.02	18	45.72

Lagerstroemia speciosa/ (JARUL)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	34	86.36
2	35	10.67	18	45.72
3	38	11.58	16	40.64
4	42	12.80	22	55.88
5	45	13.72	22	55.88
6	50	15.24	25	63.50
7	52	15.85	26	66.04
8	55	16.76	23	58.42
9	70	21.34	31	78.74
10	65	19.81	30	76.20
11	72	21.95	32	81.28
12	83	25.30	43	109.22
13	80	24.38	35	88.90
14	90	27.43	42	106.68
15	110	33.53	57	144.78
16	120	36.58	63	160.02
17	97	29.57	51	129.54
18	76	23.16	48	121.92
19	45	13.72	20	50.80
20	97	29.57	53	134.62
21	112	34.14	82	208.28
22	102	31.09	85	215.90

Mallotus nudiflorus/ (PITHALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	100	30.48	34	86.36
2	110	33.53	43	109.22
3	95	28.96	42	106.68

Alstonia scholaris/ (CHATIYAN/CHATIM)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	28	71.12
2	82	24.99	58	147.32
3	112	34.14	72	182.88

SURSUTI

Pterospermum acerifolium/ (HATIPYLA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	66	20.12	26	66.04
2	72	21.95	30	76.20
3	84	25.60	37	93.98
4	75	22.86	38	96.52
5	76	23.16	32	81.28
6	82	24.99	30	76.20
7	65	19.81	25	63.50
8	54	16.46	18	45.72
9	62	18.90	27	68.58
10	66	20.12	28	71.12

Stereospermum tetragonum/ (PARARI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	53	134.62
2	90	27.43	48	121.92
3	100	30.48	68	172.72
4	82	24.99	65	165.10
5	76	23.16	62	157.48
6	85	25.91	64	162.56

Elaeocarpus varuua/ (BHADRASE/LALPATEY)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	18	45.72
2	42	12.80	21	53.34
3	40	12.19	20	50.80
4	45	13.72	22	55.88
5	38	11.58	21	53.34

Duabanga grandiflora/ (LAMPATE)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	56	17.07	22	55.88
2	65	19.81	28	71.12

Piliostigma malabaricum/ (KANCHAN)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	112	34.14	56	142.24
2	100	30.48	42	106.68
3	125	38.10	85	215.90
4	120	36.58	80	203.20
5	125	38.10	76	193.04
6	122	37.19	72	182.88
7	128	39.01	82	208.28
8	142	43.28	107	271.78

Terminalia bellirica/ (BAHERA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	110	279.40
2	135	41.15	82	208.28
3	102	31.09	85	215.90
4	130	39.62	113	287.02
5	145	44.20	120	304.80
6	85	25.91	67	170.18
7	92	28.04	72	182.88
8	95	28.96	63	160.02
9	112	34.14	82	208.28
10	120	36.58	85	215.90
11	135	41.15	110	279.40

Litsea monopetala/ (KUTMIRO/BON KATHALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	56	17.07	32	81.28
2	65	19.81	40	101.60
3	67	20.42	38	96.52
4	52	15.85	28	71.12
5	55	16.76	25	63.50
6	58	17.68	30	76.20
7	52	15.85	26	66.04

Garuga pinnata/ (DABDABEY)				
SL. NO			Girth	
	(ft)	(m)	(inch)	(cm)
1	45	Height	20	50.80
2	36	10.97	22	55.88
3	42	12.80	20	50.80
4	45	13.72	18	45.72
5	23	7.01	17	43.18
6	32	9.75	21	53.34
7	27	8.23	16	40.64
8	26	7.92	16	40.64
9	20	6.10	12	30.48
10	32	9.75	17	43.18

Knema erratica/ (RAMGUA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	66	167.64
2	85	25.91	58	147.32
3	90	27.43	65	165.10
4	82	24.99	52	132.08

Meliosma simplicifolia/ (PATPATEY)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	20	50.80
2	52	15.85	22	55.88
3	51	15.54	23	58.42
4	62	18.90	20	50.80
5	47	14.33	20	50.80
6	33	10.06	12	30.48
7	21	6.40	11	27.94
8	46	14.02	23	58.42
9	52	15.85	25	63.50
10	18	5.49	11	27.94

***Lagerstroemia parviflora*/ (BAAJE/SIDHA)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	113	34.44	84	213.36
2	85	25.91	60	152.40
3	105	32.00	90	228.60
4	72	21.95	42	106.68
5	75	22.86	46	116.84

SURSUTI

Sursuti SP 7

***Wrightia tomentosa* / (DOODHIA)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	35	10.67	12	30.48
2	53	16.15	26	66.04
3	94	28.65	41	104.14
4	48	14.63	28	71.12
5	35	10.67	19	48.26
6	31	9.45	12	30.48
7	66	20.12	30	76.20
8	26	7.92	10	25.40
9	28	8.53	11	27.94
10	44	13.41	16	40.64
11	65	19.81	25	63.50
12	34	10.36	15	38.10
13	55	16.76	23	58.42
14	55	16.76	25	63.50
15	36	10.97	12	30.48
16	28	8.53	15	38.10
17	25	7.62	10	25.40
18	56	17.07	27	68.58
19	38	11.58	12	30.48
20	50	15.24	23	58.42
21	58	17.68	25	63.50
22	26	7.92	12	30.48
23	80	24.38	39	99.06
24	77	23.47	35	88.90
25	56	17.07	21	53.34
26	78	23.77	35	88.90
27	92	28.04	44	111.76
28	82	24.99	54	137.16
29	114	34.75	70	177.80
30	29	8.84	78	198.12

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	36	10.97	12	30.48

***Meliosma simplicifolia* / (PATPATEY)**				
	Height		**Girth**	
SL. NO	**(ft)**	**(m)**	**(inch)**	**(cm)**
1	75	22.86	32	81.28
2	154	46.94	90	228.60
3	71	21.64	27	68.58
4	92	28.04	47	119.38

***Casearia glomerata* / (BANDARKHAJA)**				
	Height		**Girth**	
SL. NO	**(ft)**	**(m)**	**(inch)**	**(cm)**
1	21	6.40	10	25.40
2	56	17.07	25	63.50
3	45	13.72	18	45.72

***Terminalia crenulata* / (PAKASAL/AKASAJ)**				
	Height		**Girth**	
SL. NO	**(ft)**	**(m)**	**(inch)**	**(cm)**
1	120	36.58	53	134.62
2	104	31.70	62	157.48
3	88	26.82	55	139.70
4	164	49.99	72	182.88
5	174	53.04	68	172.72
6	156	47.55	84	213.36
7	102	31.09	48	121.92
8	165	50.29	81	205.74
9	121	36.88	67	170.18

***Castanopsis hystrix* / (KATUS)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	70	21.34	42	106.68
2	35	10.67	14	35.56
3	28	8.53	15	38.10
4	32	9.75	14	35.56
5	70	21.34	26	66.04
6	38	11.58	16	40.64
7	182	55.47	130	330.20
8	66	20.12	23	58.42
9	96	29.26	44	111.76
10	68	20.73	24	60.96
11	130	39.62	90	228.60
12	25	7.62	11	27.94
13	70	21.34	30	76.20
14	77	23.47	30	76.20
15	66	20.12	23	58.42
16	36	10.97	19	48.26
17	95	28.96	60	152.40
18	75	22.86	33	83.82
19	130	39.62	70	177.80

***Pterygota alata* / (NARKELI)**				
	Height		**Girth**	
SL. NO	**(ft)**	**(m)**	**(inch)**	**(cm)**
1	75	22.86	32	81.28
2	154	46.94	90	228.60
3	71	21.64	27	68.58
4	92	28.04	47	119.38

***Machilus gamblei* / (KAWLA/AMPATE)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	30	9.14	12	30.48
2	56	17.07	34	86.36
3	47	14.33	22	55.88

SURSUTI

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	23	7.01	11	27.94
2	30	9.14	12	30.48
3	24	7.32	10	25.40
4	37	11.28	15	38.10
5	40	12.19	13	33.02
6	50	15.24	14	35.56
7	25	7.62	10	25.40
8	26	7.92	10	25.40
9	28	8.53	10	25.40
10	30	9.14	16	40.64
11	22	6.71	11	27.94
12	22	6.71	10	25.40
13	20	6.10	11	27.94
14	28	8.53	10	25.40
15	25	7.62	11	27.94
16	55	16.76	23	58.42
17	25	7.62	11	27.94
18	26	7.92	13	33.02
19	31	9.45	11	27.94
20	37	11.28	13	33.02
21	30	9.14	12	30.48
22	26	7.92	10	25.40
23	50	15.24	20	50.80
24	37	11.28	16	40.64
25	28	8.53	10	25.40
26	25	7.62	11	27.94
27	54	16.46	26	66.04
28	68	20.73	32	81.28
29	44	13.41	18	45.72
30	34	10.36	15	38.10
31	50	15.24	25	63.50

Pongamia pinnata / (KORONJ)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	70	21.34	34	86.36
2	120	36.58	55	139.70
3	46	14.02	22	55.88
4	96	29.26	60	152.40
5	31	9.45	12	30.48
6	40	12.19	21	53.34
7	61	18.59	23	58.42
8	66	20.12	24	60.96
9	29	8.84	11	27.94
10	96	29.26	43	109.22
11	37	11.28	13	33.02
12	43	13.11	26	66.04
13	26	7.92	16	40.64
14	66	20.12	38	96.52
15	82	24.99	41	104.14
16	32	9.75	16	40.64
17	25	7.62	11	27.94
18	46	14.02	21	53.34
19	85	25.91	32	81.28
20	107	32.61	54	137.16
21	56	17.07	28	71.12

Amoora rohituka / (LASOONI LALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	27	8.23	12	30.48
2	90	27.43	41	104.14
3	108	32.92	47	119.38
4	72	21.95	24	60.96
5	144	43.89	80	203.20
6	160	48.77	122	309.88
7	60	18.29	33	83.82
8	80	24.38	39	99.06
9	110	33.53	42	106.68
10	148	45.11	90	228.60
11	112	34.14	60	152.40
12	135	41.15	59	149.86
13	81	24.69	39	99.06
14	86	26.21	52	132.08
15	124	37.80	60	152.40
16	72	21.95	35	88.90
17	90	27.43	45	114.30
18	104	31.70	56	142.24
19	112	34.14	45	114.30
20	134	40.84	77	195.58
21	56	17.07	22	55.88
22	74	22.56	37	93.98

Lannea coromandelica / (JIGA/JEOL)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	164	49.99	110	279.40
2	150	45.72	72	182.88

SURSUTI

Rhus chinensis / (PANDEY/BHELUA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	15	38.10
2	84	25.60	39	99.06
3	70	21.34	29	73.66
4	56	17.07	24	60.96
5	64	19.51	28	71.12
6	31	9.45	11	27.94
7	23	7.01	10	25.40
8	56	17.07	22	55.88
9	102	31.09	42	106.68
10	45	13.72	17	43.18
11	31	9.45	10	25.40
12	36	10.97	12	30.48
13	55	16.76	24	60.96
14	27	8.23	10	25.40
15	35	10.67	11	27.94
16	50	15.24	24	60.96
17	72	21.95	31	78.74
18	82	24.99	40	101.60

Magnolia champaca / (CHAAMP)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	68	20.73	37	93.98
2	82	24.99	35	88.90
3	57	17.37	24	60.96
4	124	37.80	110	279.40
5	90	27.43	41	104.14
6	10	3.05	77	195.58
7	114	34.75	55	139.70
8	146	44.50	80	203.20
9	112	34.14	52	132.08
10	80	24.38	37	93.98
11	45	13.72	15	38.10
12	108	32.92	55	139.70
13	36	10.97	14	35.56
14	108	32.92	16	40.64
15	40	12.19	23	58.42
16	58	17.68	90	228.60
17	140	42.67	52	132.08
18	107	32.61	42	106.68
19	95	28.96	15	38.10
20	35	10.67	45	114.30
21	92	28.04	39	99.06
22	88	26.82	44	111.76
23	90	27.43	28	71.12
24	60	18.29	18	45.72
25	40	12.19	22	55.88
26	124	37.80	72	182.88
27	75	22.86	25	63.50
28	90	27.43	42	106.68
29	82	24.99	35	88.90
30	96	29.26	55	139.70

Schima wallichi i/ (CHILAUNEY/CHILONI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	210	64.01	160	406.40
2	110	33.53	51	129.54
3	70	21.34	125	317.50
4	46	14.02	121	307.34
5	82	24.99	36	91.44
6	78	23.77	45	114.30
7	122	37.19	50	127.00
8	90	27.43	55	139.70
9	72	21.95	36	91.44
10	28	8.53	13	33.02
11	34	10.36	18	45.72
12	92	28.04	54	137.16
13	127	38.71	66	167.64
14	142	43.28	71	180.34
15	168	51.21	85	215.90
16	94	28.65	55	139.70

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
31	110	33.53	67	170.18
32	85	25.91	44	111.76
33	72	21.95	42	106.68
34	44	13.41	21	53.34

SURSUTI

Ficus semicordata / (KHASRE/KUKATH)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	17	43.18
2	25	7.62	11	27.94
3	30	9.14	10	25.40
4	46	14.02	17	43.18
5	22	6.71	10	25.40
6	30	9.14	11	27.94
7	46	14.02	23	58.42
8	31	9.45	11	27.94
9	66	20.12	32	81.28
10	33	10.06	12	30.48
11	25	7.62	10	25.40
12	33	10.06	15	38.10
13	25	7.62	10	25.40
14	23	7.01	11	27.94
15	70	21.34	33	83.82
16	31	9.45	12	30.48
17	67	20.42	24	60.96
18	34	10.36	12	30.48
19	56	17.07	20	50.80
20	50	15.24	22	55.88
21	63	19.20	25	63.50
22	35	10.67	13	33.02
23	38	11.58	23	58.42
24	64	19.51	30	76.20
25	55	16.76	33	83.82

Premna bengalensis / (GIDARI/GINARI/DHOULI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	57	17.37	23	58.42
2	86	26.21	42	106.68
3	24	7.32	12	30.48
4	38	11.58	20	50.80
5	42	12.80	18	45.72
6	70	21.34	37	93.98
7	134	40.84	75	190.50
8	82	24.99	44	111.76
9	90	27.43	52	132.08
10	72	21.95	36	91.44
11	26	7.92	16	40.64
12	42	12.80	25	63.50
13	90	27.43	44	111.76
14	102	31.09	52	132.08
15	130	39.62	66	167.64

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	50	127.00
2	74	22.56	32	81.28

Lagerstroemia parviflora / (BAAJE/SIDHA)				
	Height		Girth	
SL. NO	(ft)	(m)	(inch)	(cm)
1	210	64.01	120	304.80
2	125	38.10	82	208.28

Xylia xylocarpa / (LOHA KATH)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	170	51.82	110	279.40
2	110	33.53	57	144.78
3	90	27.43	50	127.00
4	48	14.63	27	68.58
5	124	37.80	80	203.20
6	96	29.26	66	167.64
7	107	32.61	52	132.08
8	55	16.76	25	63.50
9	77	23.47	38	96.52
10	134	40.84	67	170.18
11	82	24.99	42	106.68

Monoon simiarum / (LAAPCHE/CHOROK CHAPA/KHUTI				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	39	99.06
2	62	18.90	27	68.58
3	81	24.69	35	88.90
4	60	18.29	27	68.58
5	42	12.80	17	43.18
6	118	35.97	50	127.00
7	30	9.14	13	33.02
8	31	9.45	12	30.48
9	37	11.28	18	45.72
10	22	6.71	11	27.94
11	42	12.80	28	71.12
12	27	8.23	22	55.88
13	40	12.19	21	53.34
14	67	20.42	32	81.28
15	34	10.36	17	43.18
16	50	15.24	28	71.12
17	75	22.86	44	111.76

SURSUTI

Pterospermum acerifolium / (HATIPYLA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	12	30.48
2	28	8.53	10	25.40
3	25	7.62	10	25.40
4	40	12.19	22	55.88
5	45	13.72	18	45.72
6	32	9.75	20	50.80

Cinnamomum glaucescens/ (MALAGIRI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	12	30.48
2	35	10.67	15	38.10
3	45	13.72	20	50.80
4	66	20.12	30	76.20

Oroxylum indicum / (TOTOLA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**56**	**17.07**	**22**	**55.88**

Casearia vareca / (SADA LALI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	162	49.38	110	279.40
2	102	31.09	40	101.60
3	42	12.80	10	25.40
4	120	36.58	55	139.70
5	107	32.61	53	134.62
6	80	24.38	37	93.98
7	95	28.96	50	127.00
8	85	25.91	42	106.68
9	152	46.33	90	228.60
10	25	7.62	12	30.48
11	28	8.53	12	30.48
12	33	10.06	14	35.56
13	88	26.82	37	93.98
14	66	20.12	28	71.12
15	25	7.62	10	25.40
16	30	9.14	12	30.48

SURSUTI

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***Castanopsis hystrix* / (KATUS)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	34	10.36	30	76.20
2	40	12.19	37	93.98
3	34	10.36	23	58.42
4	38	11.58	24	60.96
5	52	15.85	35	88.90
6	65	19.81	28	71.12
7	68	20.73	33	83.82
***Casearia vareca* / (SADA LALI)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	40	12.19	30	76.20
2	42	12.80	26	66.04
3	35	10.67	19	48.26
4	38	11.58	24	60.96
5	35	10.67	17	43.18
6	45	13.72	28	71.12
7	37	11.28	20	50.80
8	36	10.97	17	43.18
9	95	28.96	38	96.52
10	82	24.99	28	71.12
***Pterospermum acerifolium* / (HATIPYLA)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	30	9.14	20	50.80
2	42	12.80	27	68.58
3	55	16.76	45	114.30
4	48	14.63	14	35.56
5	67	20.42	21	53.34
6	23	7.01	13	33.02
7	22	6.71	14	35.56

***Amoora wallichii* / (LALI/DOODH LALI/BORO LALI)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	25	7.62	23	58.42
2	15	4.57	24	60.96
3	48	14.63	47	119.38
4	33	10.06	24	60.96
5	75	22.86	63	160.02
6	65	19.81	44	111.76
7	68	20.73	37	93.98
8	35	10.67	27	68.58
9	58	17.68	15	38.10
10	82	24.99	15	38.10
11	32	9.75	24	60.96
12	38	11.58	24	60.96
13	92	28.04	62	157.48
14	20	6.10	15	38.10
15	92	28.04	71	180.34
16	55	16.76	42	106.68
17	28	8.53	22	55.88
18	48	14.63	37	93.98
19	58	17.68	27	68.58
20	35	10.67	23	58.42
21	35	10.67	40	101.60
22	42	12.80	28	71.12
23	85	25.91	84	213.36
24	122	37.19	94	238.76
25	48	14.63	24	60.96
26	100	30.48	32	81.28
***Lagerstroemia parviflora* / (BAAJE/SIDHA)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	73	22.25	72	182.88
***Adina cordifolia* / (KOROM)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	35	10.67	24	60.96

***Wrightia tomentosa* / (DOODHIA)**				
SL. NO	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	22	6.71	20	50.80
2	35	10.67	30	76.20
3	24	7.32	27	68.58
4	20	6.10	20	50.80
5	43	13.11	32	81.28
6	22	6.71	24	60.96
7	38	11.58	26	66.04
8	18	5.49	14	35.56
9	28	8.53	26	66.04
10	25	7.62	27	68.58
11	55	16.76	40	101.60
12	20	6.10	16	40.64
13	32	9.75	27	68.58
14	30	9.14	24	60.96
15	28	8.53	30	76.20
16	30	9.14	22	55.88
17	26	7.92	23	58.42
18	52	15.85	27	68.58
19	38	11.58	21	53.34
20	62	18.90	27	68.58
21	32	9.75	18	45.72
22	25	7.62	15	38.10
23	30	9.14	27	68.58
24	72	21.95	23	58.42
25	35	10.67	20	50.80
26	26	7.92	19	48.26
27	27	8.23	22	55.88
28	62	18.90	41	104.14
29	25	7.62	21	53.34
30	32	9.75	27	68.58
31	36	10.97	24	60.96
32	38	11.58	25	63.50
33	45	13.72	19	48.26
34	28	8.53	22	55.88
35	36	10.97	17	43.18
36	26	7.92	23	58.42
37	25	7.62	15	38.10
38	41	12.50	21	53.34
39	22	6.71	17	43.18
40	35	10.67	21	53.34

Wrightia tomentosa / (DOODHIA)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
41	26	7.92	18	45.72
42	40	12.19	26	66.04
43	27	8.23	16	40.64
44	38	11.58	14	35.56
45	32	9.75	17	43.18
46	42	12.80	24	60.96
47	65	19.81	34	86.36
48	56	17.07	48	121.92

Sloanea sterculiacea / (KADAM KATUS/BHAISI KATUS)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	76	23.16	40	101.60
2	38	11.58	22	55.88
3	75	22.86	26	66.04
4	32	9.75	22	55.88
5	78	23.77	28	71.12
6	48	14.63	19	48.26
7	74	22.56	45	114.30
8	78	23.77	40	101.60
9	65	19.81	36	91.44
10	72	21.95	42	106.68

Machilus glaucescens / (KHAGOR)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	35	88.90
2	53	16.15	23	58.42
3	55	16.76	24	60.96
4	60	18.29	30	76.20
5	62	18.90	28	71.12
6	77	23.47	32	81.28
7	65	19.81	58	147.32
8	78	23.77	55	139.70

Pongamia pinnata / (KORONJ)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	51	129.54
2	72	21.95	53	134.62
3	27	8.23	30	76.20
4	52	15.85	48	121.92
5	35	10.67	24	60.96
6	38	11.58	24	60.96
7	45	13.72	28	71.12
8	65	19.81	34	86.36
9	45	13.72	17	43.18
10	93	28.35	48	121.92
11	57	17.37	47	119.38
12	88	26.82	50	127.00
13	52	15.85	28	71.12
14	45	13.72	24	60.96
15	85	25.91	40	101.60
16	38	11.58	16	40.64
17	40	12.19	38	96.52
18	45	13.72	42	106.68
19	85	25.91	60	152.40
20	65	19.81	35	88.90
21	75	22.86	42	106.68
22	85	25.91	62	157.48
23	80	24.38	40	101.60
24	80	24.38	44	111.76
25	82	24.99	38	96.52
26	85	25.91	27	68.58
27	87	26.52	26	66.04
28	57	17.37	22	55.88
29	60	18.29	32	81.28
30	45	13.72	25	63.50
31	32	9.75	16	40.64
32	42	12.80	22	55.88
33	55	16.76	44	111.76
34	75	22.86	70	177.80
35	82	24.99	50	127.00
36	110	33.53	43	109.22
37	42	12.80	18	45.72
38	75	22.86	88	223.52
39	70	21.34	55	139.70

Monoon simiarum / (LAAPCHE/CHOROK CHAPA/KHUTI KATH)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	28	71.12
2	25	7.62	18	45.72
3	87	26.52	37	93.98
4	62	18.90	27	68.58
5	48	14.63	30	76.20
6	38	11.58	13	33.02

Premna bengalensis / (GIDARI/GINARI/DHOULI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	**25**	**7.62**	**13**	**33.02**
2	35	10.67	19	48.26
3	62	18.90	25	63.50
4	27	8.23	20	50.80
5	36	10.97	14	35.56
6	42	12.80	18	45.72
7	47	14.33	28	71.12
8	35	10.67	20	50.80
9	46	14.02	34	86.36
10	90	27.43	110	279.40
11	55	16.76	20	50.80
12	95	28.96	37	93.98
13	82	24.99	28	71.12
14	72	21.95	48	121.92

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	33.53	245	622.30
2	98	29.87	36	91.44
3	95	28.96	38	96.52
4	91	27.74	45	114.30
5	55	16.76	20	50.80
6	48	14.63	22	55.88
7	38	11.58	21	53.34
8	62	18.90	46	116.84

SURSUTI

***Stereospermum tetragonum* / (PARARI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	95	28.96	55	139.70
2	112	34.14	120	304.80
3	105	32.00	88	223.52
4	98	29.87	52	132.08
5	125	38.10	82	208.28
6	48	14.63	17	43.18
7	55	16.76	21	53.34

***Litsea glutinosa* / (CHIMNI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	78	23.77	34	86.36
2	62	18.90	32	81.28
3	65	19.81	30	76.20
4	47	14.33	38	96.52
5	52	15.85	40	101.60
6	55	16.76	42	106.68
7	51	15.54	34	86.36
8	50	15.24	37	93.98

***Bischofia javanica* / (KAINJAL)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	28	8.53	16	40.64
2	32	9.75	17	43.18
3	42	12.80	18	45.72
4	35	10.67	22	55.88
5	36	10.97	20	50.80
6	72	21.95	50	127.00
7	60	18.29	35	88.90

***Mallotus philippensis* / (SINDURE)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	16	40.64

***Careya arborea* / (KUMBHI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	15	38.10
2	24	7.32	17	43.18
3	36	10.97	22	55.88
4	45	13.72	30	76.20
5	48	14.63	32	81.28
6	52	15.85	38	96.52
7	60	18.29	38	96.52
8	66	20.12	42	106.68
9	44	13.41	30	76.20
10	42	12.80	22	55.88

***Baccaurea ramiflora* / (KUSUM/LOTKA/NOTKO)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	25	7.62	11	27.94
2	30	9.14	14	35.56
3	25	7.62	13	33.02
4	14	4.27	13	33.02
5	18	5.49	12	30.48
6	18	5.49	10	25.40
7	22	6.71	10	25.40
8	22	6.71	16	40.64
9	20	6.10	15	38.10
10	20	6.10	15	38.10
11	15	4.57	11	27.94
12	15	4.57	13	33.02
13	20	6.10	18	45.72
14	22	6.71	15	38.10
15	24	7.32	16	40.64
16	31	9.45	16	40.64
17	35	10.67	18	45.72
18	40	12.19	17	43.18
19	42	12.80	20	50.80

***Syzygium jambolanum* / (SADAJAM/GOLAP JAM)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	22	55.88
2	25	7.62	12	30.48
3	35	10.67	22	55.88
4	65	19.81	28	71.12
5	67	20.42	40	101.60
6	72	21.95	45	114.30
7	35	10.67	21	53.34

***Magnolia champaca* / (CHAAMP)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	28	71.12
2	52	15.85	36	91.44
3	35	10.67	18	45.72
4	36	10.97	20	50.80
5	48	14.63	32	81.28
6	62	18.90	35	88.90
7	72	21.95	30	76.20
8	66	20.12	38	96.52

***Knema erratica* / (RAMGUA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	78	23.77	45	114.30
2	82	24.99	98	248.92

***Casearia glomerata* / (BANDARKHAJA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	16	40.64

***Magnolia cathcartii* / (TEETA CHAAP)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	45	114.30

SURSUTI

***Meliosma simplicifolia* / (PATPATEY)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	68	20.73	24	60.96
2	75	22.86	38	96.52
3	87	26.52	38	96.52
4	96	29.26	38	96.52
5	88	26.82	35	88.90
6	42	12.80	24	60.96
7	28	8.53	74	187.96

***Sterculia villosa* / (UDLA/ODAL)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	130	39.62	117	297.18
2	92	28.04	34	86.36
3	58	17.68	32	81.28
4	125	38.10	110	279.40
5	137	41.76	112	284.48
6	140	42.67	105	266.70
7	136	41.45	120	304.80
8	130	39.62	113	287.02

***Terminalia bellirica* / (BAHERA)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	90	228.60
2	132	40.23	95	241.30
3	118	35.97	105	266.70
4	120	36.58	100	254.00
5	102	31.09	90	228.60
6	145	44.20	155	393.70
7	148	45.11	116	294.64

***Piliostigma malabaricum* / (KANCHAN)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	58	17.68	42	106.68
2	60	18.29	47	119.38
3	54	16.46	38	96.52
4	85	25.91	60	152.40
5	86	26.21	72	182.88

Amoora rohituka/ (LASOONI LALI)

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	135	41.15	85	215.90
2	48	14.63	30	76.20
3	80	24.38	31	78.74
4	48	14.63	23	58.42

***Duabanga grandiflora* / (LAMPATE)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	53	16.1544	23	58.42
2	75	22.86	26	66.04

***Bridelia retusa* / (KOSAI)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	32	81.28

***Elaeocarpus varuua* / (BHADRASE/LALPATEY)**

SL. NO	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	24	60.96
2	58	17.68	20	50.80
3	44	13.41	40	101.60

SURSUTI

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Pterospermum acerifolium / (HATIPYLA)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	35	10.67	13	33.02
2	32	9.75	16	40.64
3	28	8.53	15	38.10
4	40	12.19	19	48.26
5	112	34.14	51	129.54
6	27	8.23	12	30.48
7	18	5.49	10	25.40
8	30	9.14	11	27.94
9	28	8.53	11	27.94
10	48	14.63	21	53.34
11	36	10.97	26	66.04
12	38	11.58	13	33.02
13	31	9.45	11	27.94
14	50	15.24	21	53.34
15	44	13.41	18	45.72
16	30	9.14	12	30.48
17	23	7.01	10	25.40
18	51	15.54	16	40.64
19	30	9.14	11	27.94

Amoora rohituka / (LASOONI LALI)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	38	11.58	12	30.48
2	32	9.75	21	53.34
3	40	12.19	16	40.64
4	42	12.80	17	43.18
5	104	31.70	50	127.00
6	70	21.34	22	55.88
7	68	20.73	37	93.98
8	160	48.77	88	223.52
9	104	31.70	64	162.56
10	66	20.12	38	96.52
11	82	24.99	40	101.60
12	56	17.07	22	55.88
13	116	35.36	70	177.80
14	80	24.38	29	73.66
15	95	28.96	40	101.60
16	80	24.38	28	71.12
17	122	37.19	64	162.56
18	44	13.41	18	45.72
19	121	36.88	60	152.40
20	160	48.77	72	182.88

Wrightia tomentosa / (DOODHIA)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	72	21.95	30	76.20
2	67	20.42	27	68.58
3	23	7.01	13	33.02
4	50	15.24	24	60.96
5	77	23.47	37	93.98
6	25	7.62	10	25.40
7	31	9.45	11	27.94
8	75	22.86	30	76.20
9	31	9.45	14	35.56
10	60	18.29	23	58.42
11	27	8.23	10	25.40
12	36	10.97	13	33.02
13	27	8.23	10	25.40
14	33	10.06	11	27.94
15	62	18.90	30	76.20
16	42	12.80	17	43.18
17	46	14.02	20	50.80
18	38	11.58	22	55.88
19	94	28.65	43	109.22
20	44	13.41	18	45.72
21	36	10.97	13	33.02
22	62	18.90	26	66.04
23	40	12.19	17	43.18
24	50	15.24	18	45.72
25	28	8.53	10	25.40
26	55	16.76	23	58.42
27	35	10.67	12	30.48
28	36	10.97	16	40.64
29	56	17.07	17	43.18
30	30	9.14	15	38.10
31	32	9.75	13	33.02
32	51	15.54	17	43.18
33	55	16.76	23	58.42
34	75	22.86	30	76.20
35	81	24.69	25	63.50

Duabanga grandiflora / (LAMPATE)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	77	23.47	41	104.14
2	53	16.15	24	60.96

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	16	4.88	10	25.40
2	38	11.58	17	43.18
3	20	6.10	12	30.48
4	40	12.19	23	58.42

Litsea monopetala / (KUTMIRO/BON KATHALI)				
SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	41	12.50	16	40.64
2	37	11.28	21	53.34

SURSUTI

***Casearia vareca* / (SADA LALI)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	117	35.66	47	119.38
2	76	23.16	33	83.82
3	42	12.80	18	45.72
4	28	8.53	12	30.48
5	162	49.38	118	299.72
6	50	15.24	16	40.64
7	55	16.76	20	50.80
8	90	27.43	35	88.90
9	38	11.58	15	38.10
10	43	13.11	16	40.64
11	24	7.32	12	30.48
12	37	11.28	15	38.10
13	70	21.34	33	83.82
14	30	9.14	16	40.64
15	34	10.36	12	30.48
16	31	9.45	11	27.94
17	35	10.67	19	48.26
18	147	44.81	88	223.52
19	102	31.09	44	111.76
20	130	39.62	55	139.70
21	40	12.19	18	45.72
22	121	36.88	60	152.40
23	35	10.67	22	55.88
24	46	14.02	20	50.80

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	120	36.58	66	167.64
2	144	43.89	80	203.20
3	118	35.97	60	152.40
4	58	17.68	27	68.58
5	112	34.14	60	152.40

***Dillenia pentagyna* / (TATARI/RAY/BON CHALTA)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	156	47.55	81	205.74
2	120	36.58	124	314.96
3	124	37.80	44	111.76
4	36	10.97	12	30.48
5	67	20.42	25	63.50
6	94	28.65	45	114.30
7	82	24.99	30	76.20
8	178	54.25	130	330.20

***Meliosma simplicifolia* / (PATPATEY)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	52	15.85	20	50.80
2	37	11.28	30	76.20
3	30	9.14	19	48.26
4	35	10.67	19	48.26
5	67	20.42	24	60.96
6	42	12.80	18	45.72
7	90	27.43	33	83.82
8	68	20.73	27	68.58
9	24	7.32	12	30.48
10	37	11.28	15	38.10
11	40	12.19	12	30.48
12	53	16.15	19	48.26
13	60	18.29	21	53.34
14	63	19.20	28	71.12
15	27	8.23	10	25.40

***Chukrasia tabularis* / (CHIKRASI)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	42	12.80	14	35.56
2	142	43.28	80	203.20
3	120	36.58	65	165.10
4	66	20.12	21	53.34

***Ficus semicordata* / (KHASRE/KUKATH)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	28	8.53	12	30.48
2	26	7.92	14	35.56
3	31	9.45	15	38.10
4	30	9.14	14	35.56
5	38	11.58	17	43.18
6	28	8.53	14	35.56
7	40	12.19	15	38.10
8	33	10.06	12	30.48
9	27	8.23	17	43.18
10	30	9.14	11	27.94
11	23	7.01	11	27.94
12	42	12.80	20	50.80
13	26	7.92	13	33.02
14	85	25.91	33	83.82
15	27	8.23	14	35.56
16	62	18.90	25	63.50

***Cinnamomum glaucescens* / (MALAGIRI)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	44	13.41	22	55.88
2	68	20.73	40	101.60
3	54	16.46	24	60.96
4	38	11.58	14	35.56
5	42	12.80	19	48.26
6	58	17.68	24	60.96
7	60	18.29	24	60.96
8	164	49.99	72	182.88
9	228	69.49	182	462.28

***Toona hexandra* / (TOON/TUNI)**

SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)
1	104	31.70	47	119.38
2	82	24.99	37	93.98
3	72	21.95	36	91.44

SURSUTI

Pongamia pinnata / (KORONJ)										*Lannea coromandelica* / (JIGA/JEOL)				
SL. NO	Height		Girth		SL. NO	Height		Girth		SL. NO	Height		Girth	
	(Ft)	(m)	(inch)	(cm)		(Ft)	(m)	(inch)	(cm)		(Ft)	(m)	(inch)	(cm)
1	40	12.19	12	30.48	41	42	12.80	18	45.72	1	127	38.71	66	167.64
2	164	49.99	110	279.40	42	37	11.28	11	27.94	2	82	24.99	27	68.58
3	92	28.04	35	88.90	43	54	16.46	28	71.12	3	80	24.38	24	60.96
4	26	7.92	16	40.64	44	118	35.97	58	147.32	4	30	9.14	18	45.72
5	82	24.99	33	83.82	45	87	26.52	24	60.96	5	67	20.42	30	76.20
6	50	15.24	28	71.12	46	28	8.53	10	25.40	6	57	17.37	26	66.04
7	56	17.07	22	55.88						7	90	27.43	37	93.98
8	37	11.28	12	30.48						8	72	21.95	27	68.58
9	72	21.95	30	76.20	*Castanopsis hystrix* / (KATUS)					9	36	10.97	13	33.02
10	70	21.34	24	60.96	SL. NO	Height		Girth		10	82	24.99	30	76.20
11	42	12.80	12	30.48		(Ft)	(m)	(inch)	(cm)	11	103	31.39	42	106.68
12	38	11.58	17	43.18	1	82	24.99	41	104.14	12	30	9.14	12	30.48
13	48	14.63	25	63.50	2	70	21.34	27	68.58	13	114	34.75	75	190.50
14	77	23.47	33	83.82	3	38	11.58	17	43.18					
15	40	12.19	16	40.64	4	124	37.80	65	165.10					
16	46	14.02	15	38.10	5	114	34.75	45	114.30	*Magnolia champaca* / (CHAAMP)				
17	81	24.69	35	88.90	6	130	39.62	60	152.40	SL. NO	Height		Girth	
18	67	20.42	33	83.82	7	42	12.80	19	48.26		(Ft)	(m)	(inch)	(cm)
19	78	23.77	30	76.20	8	66	20.12	24	60.96	1	34	10.36	14	35.56
20	68	20.73	33	83.82	9	160	48.77	102	259.08	2	77	23.47	30	76.20
21	92	28.04	36	91.44	10	22	6.71	17	43.18	3	83	25.30	52	132.08
22	60	18.29	28	71.12	11	107	32.61	51	129.54	4	67	20.42	31	78.74
23	88	26.82	42	106.68	12	95	28.96	38	96.52	5	60	18.29	35	88.90
24	36	10.97	12	30.48						6	30	9.14	18	45.72
25	48	14.63	22	55.88						7	107	32.61	43	109.22
26	78	23.77	35	88.90	*Piliostigma malabaricum* / (KANCHAN)					8	70	21.34	26	66.04
27	57	17.37	19	48.26	SL. NO	Height		Girth		9	54	16.46	22	55.88
28	45	13.72	15	38.10		(Ft)	(m)	(inch)	(cm)	10	43	13.11	13	33.02
29	70	21.34	24	60.96	1	66	20.12	27	68.58	11	68	20.73	32	81.28
30	67	20.42	27	68.58	2	108	32.92	56	142.24	12	72	21.95	29	73.66
31	52	15.85	13	33.02						13	115	35.05	52	132.08
32	77	23.47	28	71.12						14	110	33.53	47	119.38
33	82	24.99	24	60.96	*Alstonia scholaris* / (CHATIYAN/CHATIM)					15	70	21.34	27	68.58
34	55	16.76	18	45.72	SL. NO	Height		Girth		16	43	13.11	19	48.26
35	135	41.15	16	40.64		(Ft)	(m)	(inch)	(cm)	17	70	21.34	33	83.82
36	76	23.16	28	71.12	1	53	16.15	21	53.34	18	38	11.58	15	38.10
37	50	15.24	21	53.34										
38	150	45.72	76	193.04										
39	70	21.34	23	58.42										
40	36	10.97	16	40.64										

***Machilus gamblei* / (KAWLA/AMPATE)**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	40	12.19	16	40.64
2	42	12.80	15	38.10
3	34	10.36	18	45.72
4	50	15.24	19	48.26
5	41	12.50	19	48.26
6	53	16.15	17	43.18
7	21	6.40	10	25.40

***Monoon simiarum* / (LAAPCHE/CHOROK CHAPA/KHUTI**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	26	7.92	12	30.48
2	48	14.63	25	63.50
3	55	16.76	24	60.96
4	38	11.58	14	35.56
5	31	9.45	15	38.10
6	55	16.76	22	55.88
7	46	14.02	22	55.88
8	40	12.19	10	25.40

***Ilex godajam* / (HATISURA)**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	42	12.80	20	50.80
2	102	31.09	36	91.44
3	50	15.24	22	55.88
4	240	73.15	220	558.80
5	107	32.61	38	96.52
6	72	21.95	35	88.90
7	104	31.70	46	116.84
8	77	23.47	32	81.28
9	40	12.19	15	38.10
10	38	11.58	13	33.02
11	80	24.38	42	106.68

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	**82**	**24.99**	**30**	**76.20**

***Oroxylum indicum* / (TOTOLA)**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	78	23.77	34	86.36
2	70	21.34	31	78.74
3	85	25.91	41	104.14

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**				
SL. NO	**Height**		**Girth**	
	(Ft)	**(m)**	**(inch)**	**(cm)**
1	36	10.97	14	35.56
2	55	16.76	20	50.80
3	80	24.38	27	68.58
4	51	15.54	21	53.34
5	68	20.73	30	76.20

***Magnolia cathcartii* / (TEETA CHAAP)**				
	Height		**Girth**	
SL. NO	**(Ft)**	**(m)**	**(inch)**	**(cm)**
1	117	35.66	50	127

SOUTH INDONG

South Indong SP 1

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	15	38.10
2	60	18.29	17	43.18

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	36	91.44

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	41	104.14

***Casearia glomerata* / (BANDARKHAJA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	13	33.02
2	40	12.19	10	25.40
3	70	21.34	32	81.28

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	140	355.60
2	80	24.38	45	114.30
3	15	4.57	22	55.88
4	55	16.76	12	30.48

***Bridelia retusa* / (KOSAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	20	50.80

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	34	86.36

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	38	96.52
2	100	30.48	39	99.06
3	120	36.58	43	109.22
4	100	30.48	47	119.38
5	72	21.95	30	76.20
6	170	51.82	61	154.94

***Rhus chinensis* / (PANDEY/BHELUA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	29	73.66
2	160	48.77	57	144.78
3	50	15.24	63	160.02
4	110	33.53	60	152.40
5	15	4.57	12	30.48

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	90	27.43	39	99.06
3	30	9.14	15	38.10
4	20	6.10	13	33.02
5	60	18.29	13	33.02
6	55	16.76	13	33.02
7	170	51.82	120	304.80
8	40	12.19	25	63.50
9	70	21.34	32	81.28
10	70	21.34	47	119.38
11	150	45.72	33	83.82
12	70	21.34	17	43.18
13	70	21.34	12	30.48

***Litsea monopetala* / (KUTMIRO/BON KATHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	19	48.26

***Oroxylum indicum* / (TOTOLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	16	40.64

***Sterculia villosa* / (ODAL/UDLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	152	46.33	80	203.20
2	200	60.96	110	279.40
3	230	70.10	140	355.60
4	260	79.25	120	304.80

***Syzygium cumini* / (JAM/KALO JAM/KHUDE JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	35	88.90

***Elaeocarpus varuua* / (BHADRASE/JUNGLI JALPAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	15	38.10
2	30	9.14	30	76.20
3	30	9.14	37	93.98

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	37	93.98
2	20	6.10	12	30.48

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	35	88.90

***Monoon simiarum* / (LAAPCHE/CHOROK CHAPA/KHUTI KATH)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	14	35.56
2	40	12.19	16	40.64
3	50	15.24	15	38.10
4	60	18.29	14	35.56
5	55	16.76	17	43.18
6	40	12.19	18	45.72
7	30	9.14	12	30.48
8	35	10.67	16	40.64
9	40	12.19	10	25.40
10	70	21.34	15	38.10
11	50	15.24	11	27.94
12	80	24.38	18	45.72
13	70	21.34	12	30.48

***Dysoxylum binectarifolium* / (LAHASUNE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	39	99.06
2	100	30.48	51	129.54
3	65	19.81	19	48.26
4	70	21.34	12	30.48
5	120	36.58	66	167.64
6	50	15.24	20	50.80
7	80	24.38	40	101.60
8	110	33.53	60	152.40
9	120	36.58	39	99.06
10	150	45.72	57	144.78
11	33	10.06	60	152.40
12	60	18.29	22	55.88
13	150	45.72	33	83.82

***Toona hexandra* / (TOON/TUNI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	10	25.40
2	70	21.34	23	58.42
3	70	21.34	14	35.56
4	80	24.38	14	35.56

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	26	66.04
2	50	15.24	37	93.98
3	50	15.24	26	66.04
4	40	12.19	40	101.60
5	30	9.14	15	38.10
6	35	10.67	16	40.64
7	50	15.24	15	38.10
8	35	10.67	17	43.18
9	45	13.72	20	50.80
10	40	12.19	20	50.80
11	40	12.19	20	50.80
12	45	13.72	19	48.26
13	50	15.24	17	43.18
14	40	12.19	15	38.10
15	50	15.24	15	38.10
16	40	12.19	20	50.80
17	40	12.19	25	63.50
18	20	6.10	12	30.48
19	35	10.67	15	38.10
20	60	18.29	30	76.20
21	60	18.29	30	76.20
22	45	13.72	25	63.50
23	50	15.24	33	83.82
24	70	21.34	33	83.82
25	40	12.19	14	35.56
26	60	18.29	19	48.26
27	45	13.72	29	73.66
28	40	12.19	12	30.48
29	70	21.34	13	33.02
30	90	27.43	40	101.60
31	30	9.14	10	25.40
32	70	21.34	24	60.96
33	20	6.10	14	35.56
34	30	9.14	12	30.48
35	60	18.29	29	73.66
36	30	9.14	13	33.02
37	50	15.24	20	50.80
38	40	12.19	22	55.88
39	42	12.80	21	53.34
40	30	9.14	22	55.88

***Baccaurea ramiflora* / (KUSUM/LOTKA/NOTKO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	18	45.72
2	30	9.14	13	33.02
3	55	16.76	10	25.40

***Vitex heterophylla* / (PANCHPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	10	25.40

***Turpinia pomifera* / (THALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	22	55.88
2	40	12.19	15	38.10
3	110	33.53	61	154.94
4	60	18.29	30	76.20
5	170	51.82	120	304.80
6	200	60.96	51	129.54
7	26	7.92	13	33.02
8	28	8.53	12	30.48

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	16	40.64
2	25	7.62	14	35.56
3	35	10.67	15	38.10

SOUTH INDONG

Stereospermum tetragonum / (PARARI)					*Shorea robusta* / (SAL)					*Piliostigma malabaricum* / (KANCHAN)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	95	28.96	39	99.06	1	180	54.86	75	190.50	18	55	16.76	23	58.42
2	70	21.34	53	134.62	2	140	42.67	70	177.80	19	90	27.43	43	109.22
3	70	21.34	70	177.80	3	190	57.91	90	228.60	20	50	15.24	32	81.28
4	72	21.95	60	152.40	4	150	45.72	112	284.48	21	90	27.43	42	106.68
5	120	36.58	56	142.24	5	170	51.82	160	406.40	22	45	13.72	37	93.98
6	95	28.96	36	91.44	6	150	45.72	122	309.88	23	75	22.86	21	53.34
7	110	33.53	33	83.82	7	200	60.96	110	279.40	24	90	27.43	34	86.36
8	140	42.67	49	124.46	8	170	51.82	120	304.80	25	110	33.53	29	73.66
9	140	42.67	65	165.10	9	170	51.82	115	292.10	26	100	30.48	36	91.44
10	110	33.53	46	116.84	10	200	60.96	98	248.92	27	90	27.43	29	73.66
11	120	36.58	56	142.24	11	170	51.82	130	330.20	28	90	27.43	33	83.82
12	120	36.58	74	187.96	12	170	51.82	107	271.78	29	70	21.34	12	30.48
13	100	30.48	49	124.46	13	220	67.06	147	373.38	30	60	18.29	13	33.02
14	70	21.34	37	93.98	14	210	64.01	105	266.70	31	90	27.43	30	76.20
15	60	18.29	17	43.18	15	250	76.20	12	30.48	32	150	45.72	42	106.68
16	60	18.29	20	50.80	16	300	91.44	130	330.20	33	90	27.43	39	99.06
17	70	21.34	26	66.04	17	200	60.96	140	355.60	34	70	21.34	35	88.90
18	120	36.58	46	116.84	18	260	79.25	115	292.10	35	90	27.43	20	50.80
19	50	15.24	13	33.02						36	45	13.72	25	63.50
20	100	30.48	49	124.46	*Piliostigma malabaricum* / (KANCHAN)					37	60	18.29	39	99.06
21	60	18.29	39	99.06						38	70	21.34	30	76.20
22	60	18.29	40	101.60	SL. NO.	Height		Girth		39	70	21.34	30	76.20
23	200	60.96	63	160.02		ft	m	inch	cm	40	50	15.24	25	63.50
24	160	48.77	72	182.88	1	85	25.91	51	129.54	41	50	15.24	20	50.80
25	150	45.72	47	119.38	2	90	27.43	40	101.60	42	40	12.19	20	50.80
					3	95	28.96	33	83.82	43	55	16.76	27	68.58
					4	60	18.29	35	88.90	44	90	27.43	25	63.50
					5	85	25.91	35	88.90	45	30	9.14	12	30.48
Syzygium jambolanum / (GODA JAM)					6	82	24.99	26	66.04	46	40	12.19	11	27.94
SL. NO.	Height		Girth		7	40	12.19	13	33.02	47	70	21.34	20	50.80
	ft	m	inch	cm	8	40	12.19	31	78.74	48	60	18.29	31	78.74
1	110	33.53	45	114.30	9	95	28.96	50	127.00	49	40	12.19	20	50.80
					10	90	27.43	42	106.68	50	40	12.19	19	48.26
					11	80	24.38	41	104.14	51	90	27.43	24	60.96
					12	50	15.24	28	71.12	52	85	25.91	42	106.68
Terminalia crenulata / (PAKASAL/PAKASAJ)					13	42	12.80	23	58.42	53	80	24.38	32	81.28
SL. NO.	Height		Girth		14	90	27.43	53	134.62	54	70	21.34	27	68.58
	ft	m	inch	cm	15	45	13.72	19	48.26	55	30	9.14	10	25.40
1	30	9.14	14	35.56	16	50	15.24	40	101.60	56	90	27.43	35	88.90
					17	50	15.24	30	76.20	57	55	16.76	29	73.66

SOUTH INDONG

Piliostigma malabaricum / (KANCHAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
58	110	33.53	39	99.06
59	55	16.76	16	40.64
60	70	21.34	17	43.18
61	85	25.91	28	71.12
62	60	18.29	20	50.80
63	110	33.53	37	93.98
64	70	21.34	37	93.98
65	40	12.19	32	81.28
66	40	12.19	23	58.42
67	60	18.29	19	48.26
68	70	21.34	33	83.82
69	150	45.72	70	177.80
70	90	27.43	80	203.20
71	35	10.67	20	50.80
72	25	7.62	14	35.56
73	50	15.24	16	40.64
74	40	12.19	18	45.72
75	40	12.19	16	40.64
76	40	12.19	13	33.02
77	40	12.19	13	33.02
78	40	12.19	11	27.94
79	25	7.62	14	35.56
80	40	12.19	25	63.50
81	80	24.38	36	91.44
82	100	30.48	45	114.30
83	90	27.43	33	83.82
84	180	54.86	34	86.36

Ficus recemosa / (DUMUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	68	172.7

Gynocardia odorata / (GANTE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	21	53.34

Dysoxylum procerum / (ASSAM LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	13	33.02
2	90	27.43	12	30.48

SOUTH INDONG

South Indong SP 2

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	21	53.34
2	35	10.67	15	38.10

***Casearia glomerata* / (BANDARKHAJA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	15	38.10

***Oroxylum indicum* / (TOTOLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	22	55.88
2	36	10.97	15	38.10
3	60	18.29	31	78.74
4	45	13.72	32	81.28
5	25	7.62	15	38.10

***Litsea panamanja* / (CHOTO KAWLA/MASURI KAWLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	18	45.72
2	70	21.34	41	104.1
3	40	12.19	19	48.26
4	30	9.14	17	43.18
5	25	7.62	12	30.48

***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	30	76.20
2	20	6.10	14	35.56
3	25	7.62	21	53.34
4	20	6.10	12	30.48
5	28	8.53	17	43.18
6	40	12.19	18	45.72
7	42	12.80	32	81.28

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	27	68.58
2	90	27.43	34	86.36
3	30	9.14	17	43.18
4	100	30.48	40	101.60
5	40	12.19	31	78.74
6	20	6.10	14	35.56
7	80	24.38	21	53.34
8	50	15.24	21	53.34
9	70	21.34	26	66.04
10	35	10.67	14	35.56
11	55	16.76	21	53.34
12	25	7.62	16	40.64
13	210	64.01	72	182.88
14	70	21.34	20	50.80
15	90	27.43	25	63.50
16	60	18.29	24	60.96
17	90	27.43	15	38.10
18	25	7.62	16	40.64
19	70	21.34	24	60.96
20	50	15.24	17	43.18
21	150	45.72	74	187.96
22	150	45.72	53	134.62
23	230	70.10	120	304.80
24	25	7.62	11	27.94

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	20	50.80
2	25	7.62	13	33.02

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	24	60.96
2	30	9.14	14	35.56
3	25	7.62	10	25.40
4	40	12.19	13	33.02

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	56	142.24
2	27	8.23	20	50.80
3	150	45.72	38	96.52
4	60	18.29	20	50.80
5	40	12.19	15	38.10
6	22	6.71	21	53.34
7	65	19.81	32	81.28
8	70	21.34	41	104.14

***Bridelia retusa* / (KOSAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	21	53.34
2	30	9.14	19	48.26

***Ilex godajam* / (HATISURA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	35	88.90
2	150	45.72	44	111.76

***Syzygium cumini* / (JAM/KALO JAM/KHUDE JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	16	40.64
2	25	7.62	20	50.80
3	30	9.14	34	86.36
4	80	24.38	34	86.36
5	50	15.24	22	55.88
6	40	12.19	25	63.50

SOUTH INDONG

Lagerstroemia speciosa / (JARUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	19	48.26
2	20	6.10	12	30.48
3	25	7.62	16	40.64

Elaeocarpus varuua / (BHADRASE/JUNGLI JALPAI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	27	68.58

Machilus glaucescens / (KHAGOR/SADA KHADOR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	17	43.18
2	90	27.43	19	48.26

Careya arborea / (KUMBHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	40	12.19	16	40.64
3	12	3.66	13	33.02
4	20	6.10	11	27.94

Duabanga grandiflora / (LAMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	20	50.80

Casearia vareca / (SADA LALI)				
SL.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	22	55.88
2	20	6.10	14	35.56
3	100	30.48	32	81.28
4	120	36.58	43	109.2

Monoon simiarum / (LAAPCHE/CHOROK CHAPA/KHUTI				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	18	45.72
2	150	45.72	53	134.62
3	60	18.29	62	157.48
4	40	12.19	20	50.80
5	40	12.19	18	45.72
6	35	10.67	16	40.64
7	25	7.62	13	33.02
8	70	21.34	19	48.26
9	40	12.19	12	30.48
10	30	9.14	15	38.10
11	50	15.24	14	35.56
12	80	24.38	21	53.34
13	50	15.24	16	40.64
14	55	16.76	24	60.96

Dysoxylum binectarifolium / (LAHASUNE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	31	78.74
2	90	27.43	81	205.74
3	40	12.19	26	66.04
4	42	12.80	36	91.44
5	25	7.62	15	38.10
6	60	18.29	22	55.88
7	70	21.34	42	106.68
8	85	25.91	48	121.92
9	80	24.38	30	76.20
10	150	45.72	60	152.40
11	90	27.43	39	99.06
12	70	21.34	54	137.16
13	170	51.82	78	198.12
14	120	36.58	60	152.40

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	20	50.80

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	25	63.50
2	20	6.10	16	40.64
3	50	15.24	26	66.04
4	50	15.24	41	104.14
5	40	12.19	16	40.64
6	80	24.38	31	78.74
7	70	21.34	29	73.66
8	70	21.34	25	63.50
9	70	21.34	29	73.66
10	40	12.19	24	60.96
11	40	12.19	22	55.88
12	80	24.38	30	76.20
13	20	6.10	15	38.10
14	25	7.62	21	53.34
15	25	7.62	12	30.48
16	25	7.62	15	38.10
17	65	19.81	16	40.64
18	25	7.62	12	30.48
19	25	7.62	18	45.72
20	40	12.19	15	38.10
21	30	9.14	27	68.58
22	30	9.14	20	50.80
23	40	12.19	21	53.34
24	20	6.10	15	38.10
25	25	7.62	13	33.02
26	20	6.10	11	27.94
27	20	6.10	15	38.10

Cinnamomum tamala / (TEJPAT)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94

Dysoxylum procerum/ (ASSAM LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	17	43.18

SOUTH INDONG

Sterculia villosa / (ODAL/UDLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	210	64.01	85	215.90
3	230	70.10	150	381.00

Vitex heterophylla / (PANCHPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	13	33.02
2	25	7.62	12	30.48
3	45	13.72	35	88.90

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	23	58.42
2	23	7.01	12	30.48
3	40	12.19	23	58.42
4	100	30.48	66	167.64
5	160	48.77	42	106.68
6	25	7.62	13	33.02
7	150	45.72	65	165.10
8	81	24.69	39	99.06
9	65	19.81	35	88.90
10	80	24.38	37	93.98
11	110	33.53	53	134.62
12	130	39.62	49	124.46
13	40	12.19	14	35.56
14	160	48.77	49	124.46
15	60	18.29	21	53.34
16	40	12.19	15	38.10

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02
2	25	7.62	14	35.56
3	26	7.92	14	35.56
4	20	6.10	14	35.56
5	32	9.75	15	38.10
6	22	6.71	12	30.48
7	40	12.19	14	35.56
8	30	9.14	13	33.02
9	35	10.67	17	43.18
10	30	9.14	12	30.48
11	30	9.14	10	25.40
12	30	9.14	11	27.94
13	30	9.14	12	30.48
14	40	12.19	14	35.56
15	30	9.14	13	33.02
16	25	7.62	12	30.48
17	20	6.10	10	25.40
18	20	6.10	12	30.48
19	35	10.67	14	35.56

Turpinia pomifera / (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	14	35.56
2	70	21.34	30	76.20
3	25	7.62	14	35.56
4	70	21.34	42	106.68
5	80	24.38	43	109.22
6	60	18.29	27	68.58
7	80	24.38	39	99.06
8	30	9.14	16	40.64
9	110	33.53	40	101.60
10	45	13.72	21	53.34

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	230	70.10	88	223.52
2	200	60.96	93	236.22
3	200	60.96	77	195.58
4	120	36.58	100	254.00
5	210	64.01	102	259.08
6	230	70.10	105	266.70
7	220	67.06	122	309.88
8	90	27.43	75	190.50
9	205	62.48	116	294.64
10	220	67.06	106	269.24
11	170	51.82	90	228.60
12	210	64.01	125	317.50
13	220	67.06	85	215.90
14	240	73.15	142	360.68
15	250	76.20	100	254.00
16	230	70.10	90	228.60
17	240	73.15	96	243.84
18	230	70.10	90	228.60
19	250	76.20	114	289.56
20	230	70.10	90	228.60
21	220	67.06	102	259.08
22	240	73.15	115	292.10
23	230	70.10	107	271.78
24	250	76.20	125	317.50
25	240	73.15	140	355.60
26	210	64.01	85	215.90
27	250	76.20	144	365.76
28	240	73.15	143	363.22
29	250	76.20	90	228.60
30	240	73.15	150	381.00
31	230	70.10	140	355.60
32	200	60.96	100	254.00
33	240	73.15	120	304.80
34	240	73.15	111	281.94

Piliostigma malabaricum / (KANCHAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	21	53.34

Rhus chinensis / (PANDEY/BHELUA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	41	104.14

SOUTH INDONG

South Indong SP 4

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	21	53.34

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	75	190.50
2	65	19.81	34	86.36
3	72	21.95	36	91.44
4	28	8.53	23	58.42
5	34	10.36	20	50.80
6	47	14.33	40	101.60
7	33	10.06	20	50.80
8	27	8.23	14	35.56
9	40	12.19	31	78.74
10	65	19.81	27	68.58
11	70	21.34	30	76.20
12	35	10.67	24	60.96
13	35	10.67	21	53.34
14	50	15.24	35	88.90
15	25	7.62	16	40.64
16	35	10.67	23	58.42

***Magnolia champaca* / (CHAAMP)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	20	50.80
2	40	12.19	22	55.88
3	30	9.14	25	63.50
4	30	9.14	38	96.52

***Amoora wallichii* / (DOODH LALI/LALI/BORO LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	28	71.12
2	35	10.67	29	73.66
3	40	12.19	21	53.34
4	75	22.86	41	104.14

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	21	53.34
2	25	7.62	16	40.64
3	26	7.92	14	35.56
4	30	9.14	17	43.18
5	150	45.72	70	177.80
6	30	9.14	22	55.88
7	25	7.62	18	45.72
8	12	3.66	13	33.02

***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	23	7.01	15	38.10
3	20	6.10	14	35.56
4	38	11.58	31	78.74
5	22	6.71	15	38.10
6	25	7.62	13	33.02
7	28	8.53	13	33.02
8	30	9.14	15	38.10
9	33	10.06	18	45.72
10	32	9.75	26	66.04
11	25	7.62	23	58.42
12	28	8.53	18	45.72
13	10	3.05	13	33.02

***Bridelia retusa* / (KOSAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	37	93.98
2	45	13.72	21	53.34
3	40	12.19	22	55.88
4	45	13.72	30	76.20
5	20	6.10	26	66.04
6	20	6.10	16	40.64
7	20	6.10	16	40.64
8	25	7.62	15	38.10
9	25	7.62	36	91.44

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	17	43.18

***Syzygium cumini* / (JAM/KALO JAM/KHUDE JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	24	60.96
2	40	12.19	21	53.34
3	110	33.53	47	119.38
4	150	45.72	80	203.20
5	25	7.62	25	63.50
6	20	6.10	25	63.50

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	13	33.02
2	42	12.80	18	45.72
3	15	4.57	13	33.02

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	12	30.48
2	36	10.97	23	58.42
3	32	9.75	16	40.64
4	25	7.62	16	40.64
5	20	6.10	11	27.94
6	25	7.62	12	30.48
7	28	8.53	19	48.26
8	30	9.14	19	48.26

***Elaeocarpus varuua* / (BHADRASE/JUNGLI JALPAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	39	99.06

SOUTH INDONG

***Bischofia javanica* / (KAINJAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	35	88.90

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	20	50.80
2	25	7.62	22	55.88
3	55	16.76	37	93.98
4	25	7.62	14	35.56

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	27	68.58
2	30	9.14	18	45.72
3	25	7.62	16	40.64

***Careya arborea* / (KUMBHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	21	6.40	17	43.18

***Duabanga grandiflora* / (LAMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	13	33.02

***Vitex heterophylla* / (PANCHPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	50	127.00
2	25	7.62	11	27.94
3	70	21.34	31	78.74
4	35	10.67	23	58.42

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	20	6.10	16	40.64
3	15	4.57	12	30.48
4	30	9.14	16	40.64
5	20	6.10	15	38.10
6	12	3.66	14	35.56
7	20	6.10	14	35.56
8	20	6.10	22	55.88
9	35	10.67	15	38.10
10	20	6.10	16	40.64
11	30	9.14	23	58.42
12	20	6.10	19	48.26
13	30	9.14	29	73.66
14	25	7.62	22	55.88
15	20	6.10	14	35.56
16	20	6.10	22	55.88
17	15	4.57	15	38.10
18	15	4.57	15	38.10

***Sterculia villosa* / (ODAL/UDLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	12	3.66	28	71.12

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	17	43.18
2	80	24.38	41	104.14
3	10	3.05	12	30.48

***Syzygium jambolanum* / (GODA JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56
2	20	6.10	15	38.10
3	40	12.19	48	121.92

***Dysoxylum binectarifolium* / (LAHASUNE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	20	50.80
2	110	33.53	51	129.54
3	30	9.14	14	35.56
4	150	45.72	60	152.40
5	160	48.77	53	134.62
6	120	36.58	50	127.00
7	160	48.77	65	165.10
8	30	9.14	35	88.90
9	20	6.10	32	81.28
10	20	6.10	17	43.18
11	25	7.62	26	66.04
12	26	7.92	25	63.50
13	40	12.19	23	58.42
14	40	12.19	23	58.42
15	20	6.10	17	43.18
16	35	10.67	21	53.34
17	20	6.10	12	30.48
18	50	15.24	23	58.42
19	25	7.62	13	33.02
20	45	13.72	24	60.96
21	30	9.14	30	76.20
22	30	9.14	26	66.04
23	25	7.62	11	27.94
24	48	14.63	30	76.20
25	40	12.19	29	73.66

***Ailanthus integrifolia* / (GOKUL LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	63	19.20	15	38.10
2	24	7.32	18	45.72
3	20	6.10	14	35.56
4	45	13.72	19	48.26

***Dillenia pentagyna* / (TATARI/RAY/BON CHALTA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
	15	4.57	80	203.20

SOUTH INDONG

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	18	45.72
2	38	11.58	20	50.80
3	36	10.97	21	53.34
4	40	12.19	22	55.88
5	20	6.10	13	33.02
6	10	3.05	19	48.26
7	15	4.57	17	43.18
8	20	6.10	16	40.64
9	10	3.05	15	38.10
10	30	9.14	22	55.88
11	25	7.62	24	60.96
12	40	12.19	18	45.72
13	120	36.58	80	203.20

Turpinia pomifera / (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	33	83.82
2	60	18.29	24	60.96
3	45	13.72	21	53.34
4	25	7.62	15	38.10
5	40	12.19	46	116.84
6	40	12.19	21	53.34

Cinnamomum glaucescens / (MALAGIRI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	55	139.70

Toona hexandra / (TOON/TUNI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	87	220.98

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	34	86.36
2	24	7.32	13	33.02
3	20	6.10	16	40.64
4	25	7.62	17	43.18
5	20	6.10	16	40.64
6	22	6.71	16	40.64
7	30	9.14	12	30.48
8	30	9.14	16	40.64
9	20	6.10	16	40.64
10	35	10.67	14	35.56
11	30	9.14	20	50.80
12	25	7.62	13	33.02
13	25	7.62	20	50.80
14	20	6.10	17	43.18
15	25	7.62	19	48.26
16	30	9.14	19	48.26
17	25	7.62	10	25.40
18	25	7.62	12	30.48
19	20	6.10	11	27.94
20	30	9.14	17	43.18
21	20	6.10	12	30.48
22	45	13.72	26	66.04
23	30	9.14	31	78.74

Casearia vareca / (SADA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	33	83.82
2	62	18.90	29	73.66
3	42	12.80	19	48.26
4	32	9.75	26	66.04
5	26	7.92	11	27.94
6	30	9.14	18	45.72
7	47	14.33	26	66.04
8	32	9.75	28	71.12
9	24	7.32	20	50.80
10	33	10.06	14	35.56
11	32	9.75	20	50.80
12	26	7.92	13	33.02

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	220	67.06	77	195.58
2	250	76.20	105	266.70
3	190	57.91	127	322.58
4	215	65.53	106	269.24
5	210	64.01	112	284.48
6	240	73.15	130	330.20
7	150	45.72	84	213.36
8	200	60.96	71	180.34
9	240	73.15	142	360.68
10	220	67.06	130	330.20
11	120	36.58	70	177.80
12	220	67.06	90	228.60
13	200	60.96	90	228.60
14	220	67.06	92	233.68
15	180	54.86	70	177.80
16	220	67.06	137	347.98
17	280	85.34	152	386.08
18	200	60.96	130	330.20
19	250	76.20	180	457.20
20	220	67.06	110	279.40
21	250	76.20	180	457.20
22	260	79.25	125	317.50
23	250	76.20	173	439.42

Machilus glaucescens / (KHAGOR/SADA KHADOR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	30	76.20
2	48	14.63	60	152.40
3	40	12.19	20	50.80
4	36	10.97	18	45.72
5	40	12.19	25	63.50
6	45	13.72	30	76.20

Albizia procera / (SADA SIRISH/SWET SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	24	60.96

Piliostigma malabaricum / (KANCHAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	27	68.58
2	60	18.29	33	83.82
3	51	15.54	32	81.28
4	12	3.66	24	60.96
5	30	9.14	20	50.80
6	38	11.58	24	60.96
7	60	18.29	38	96.52
8	30	9.14	17	43.18
9	18	5.49	12	30.48
10	40	12.19	32	81.28
11	65	19.81	53	134.62
12	30	9.14	18	45.72
13	20	6.10	14	35.56
14	40	12.19	29	73.66
15	30	9.14	27	68.58
16	80	24.38	35	88.90
17	30	9.14	39	99.06
18	30	9.14	20	50.80
19	35	10.67	32	81.28

Terminalia crenulata / (PAKASAL/PAKASAJ)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	34	10.36	15	38.10

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***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	41	104.14

***Litsea monopetala* / (KUTMIRO/BON KATHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	46	116.84

***Magnolia champaca* / (CHAAMP)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	10	25.40

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	64	162.56
2	150	45.72	44	111.76
3	30	9.14	28	71.12

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	230	70.10	81	205.74
2	120	36.58	64	162.56
3	30	9.14	13	33.02
4	160	48.77	71	180.34
5	220	67.06	90	228.60
6	240	73.15	145	368.30

***Amoora wallichii* / (DOODH LALI/LALI/BORO LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	25	63.50
2	25	7.62	12	30.48

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	21	53.34
2	20	6.10	13	33.02
3	25	7.62	15	38.10
4	40	12.19	35	88.90
5	40	12.19	23	58.42

***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	28	8.53	17	43.18
3	80	24.38	24	60.96
4	37	11.28	18	45.72
5	40	12.19	18	45.72
6	28	8.53	12	30.48
7	46	14.02	25	63.50
8	28	8.53	16	40.64
9	52	15.85	37	93.98
10	45	13.72	38	96.52

***Gmelina arborea* / (GAMAR/GAMARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	250	76.20	110	279.40

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02
2	30	9.14	16	40.64

***Bridelia retusa* / (KOSAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	30	9.14	21	53.34
3	40	12.19	24	60.96
4	45	13.72	21	53.34
5	15	4.57	22	55.88

***Syzygium cumini* / (JAM/KALO JAM/KHUDE JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	17	43.18

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	47	14.33	24	60.96
3	80	24.38	31	78.74
4	30	9.14	17	43.18
5	25	7.62	12	30.48

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	60	152.40

***Turpinia pomifera* / (THALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	20	6.10	13	33.02
3	20	6.10	21	53.34
4	15	4.57	10	25.40
5	20	6.10	12	30.48
6	25	7.62	16	40.64
7	12	3.66	16	40.64
8	25	7.62	30	76.20

***Elaeocarpus varuua* / (BHADRASE/JUNGLI JALPAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	26	66.04
2	60	18.29	30	76.20

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***Actinodaphne obovata* / (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	16	40.64
2	35	10.67	20	50.80
3	20	6.10	13	33.02
4	55	16.76	31	78.74

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	48	121.92
2	20	6.10	11	27.94

***Machilus glaucescens*/ (KHAGOR/SADA KHADOR)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	20	50.80
2	30	9.14	15	38.10
3	42	12.80	24	60.96
4	40	12.19	15	38.10
5	60	18.29	39	99.06
6	46	14.02	23	58.42
7	47	14.33	36	91.44
8	170	51.82	88	223.52
9	56	17.07	39	99.06
10	29	8.84	20	50.80
11	44	13.41	19	48.26
12	20	6.10	11	27.94
13	32	9.75	20	50.80
14	35	10.67	17	43.18
15	30	9.14	21	53.34
16	36	10.97	22	55.88
17	29	8.84	19	48.26
18	32	9.75	15	38.10

***Baccaurea ramiflora* / (KUSUM/LOTKA/NOTKO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	23	58.42

***Monoon simiarum* / (LAAPCHE/CHOROK CHAPA/KHUTI**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	14	35.56
2	30	9.14	11	27.94
3	70	21.34	15	38.10
4	18	5.49	13	33.02
5	25	7.62	15	38.10
6	40	12.19	20	50.80
7	40	12.19	26	66.04
8	25	7.62	11	27.94
9	20	6.10	10	25.40
10	30	9.14	16	40.64
11	25	7.62	11	27.94
12	160	48.77	70	177.80
13	65	19.81	32	81.28
14	25	7.62	18	45.72
15	30	9.14	17	43.18
16	20	6.10	14	35.56
17	30	9.14	25	63.50
18	15	4.57	10	25.40
19	18	5.49	15	38.10
20	25	7.62	22	55.88

***Duabanga grandiflora* / (LAMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	11	27.94
2	26	7.92	11	27.94

***Sterculia villosa* / (ODAL/UDLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	215	65.53	114	289.56
2	170	51.82	80	203.20
3	170	51.82	65	165.10
4	170	51.82	190	482.60
5	220	67.06	120	304.80
6	240	73.15	130	330.20
7	250	76.20	130	330.20

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	20	50.80
2	20	6.10	24	60.96
3	30	9.14	22	55.88
4	30	9.14	24	60.96
5	40	12.19	23	58.42
6	45	13.72	36	91.44
7	90	27.43	21	53.34
8	50	15.24	23	58.42
9	70	21.34	42	106.68
10	25	7.62	17	43.18
11	40	12.19	27	68.58
12	15	4.57	17	43.18

***Vitex heterophylla* / (PANCHPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	19	48.26
2	20	6.10	13	33.02
3	30	9.14	22	55.88
4	25	7.62	13	33.02
5	15	4.57	13	33.02
6	30	9.14	15	38.10
7	40	12.19	21	53.34

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	81	205.74
2	40	12.19	30	76.20
3	120	36.58	80	203.20
4	25	7.62	16	40.64
5	35	10.67	36	91.44

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	40	101.60

SOUTH INDONG

Dysoxylum binectarifolium / (LAHASUNE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	71	180.34
2	100	30.48	41	104.14
3	92	28.04	84	213.36
4	97	29.57	55	139.70
5	100	30.48	51	129.54
6	23	7.01	11	27.94
7	27	8.23	16	40.64
8	60	18.29	48	121.92
9	65	19.81	43	109.22
10	106	32.31	42	106.68
11	50	15.24	45	114.30
12	30	9.14	28	71.12
13	30	9.14	24	60.96
14	150	45.72	70	177.80
15	140	42.67	66	167.64
16	40	12.19	23	58.42
17	25	7.62	19	48.26
18	30	9.14	19	48.26
19	35	10.67	47	119.38
20	30	9.14	16	40.64
21	65	19.81	23	58.42
22	60	18.29	30	76.20
23	80	24.38	65	165.10
24	40	12.19	29	73.66
25	120	36.58	70	177.80
26	40	12.19	31	78.74

Casearia vareca / (SADA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	21	53.34
2	26	7.92	14	35.56
3	26	7.92	14	35.56
4	33	10.06	22	55.88
5	94	28.65	48	121.92
6	47	14.33	22	55.88
7	45	13.72	32	81.28
8	30	9.14	14	35.56
9	95	28.96	71	180.34

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	11	27.94
2	120	36.58	39	99.06
3	110	33.53	30	76.20
4	43	13.11	21	53.34
5	34	10.36	15	38.10
6	41	12.50	15	38.10
7	17	5.18	13	33.02
8	57	17.37	40	101.60
9	31	9.45	15	38.10
10	38	11.58	18	45.72
11	22	6.71	14	35.56
12	30	9.14	19	48.26
13	20	6.10	13	33.02
14	110	33.53	35	88.90
15	80	24.38	28	71.12
16	30	9.14	13	33.02
17	20	6.10	14	35.56
18	20	6.10	18	45.72
19	30	9.14	15	38.10
20	45	13.72	32	81.28

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	230	70.10	175	444.50
2	250	76.20	175	444.50

Gynocardia odorata / (GANTE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	26	66.04

Syzygium jambolanum / (GODA JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	12	30.48

Piliostigma malabaricum / (KANCHAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	77	23.47	51	129.54
2	20	6.10	18	45.72
3	20	6.10	14	35.56
4	30	9.14	25	63.50
5	35	10.67	23	58.42
6	60	18.29	39	99.06
7	40	12.19	25	63.50
8	60	18.29	40	101.60
9	40	12.19	24	60.96
10	25	7.62	24	60.96
11	80	24.38	24	60.96
12	45	13.72	16	40.64
13	70	21.34	38	96.52
14	30	9.14	45	114.30
15	30	9.14	35	88.90
16	25	7.62	19	48.26
17	30	9.14	17	43.18
18	40	12.19	44	111.76
19	25	7.62	13	33.02
20	30	9.14	35	88.90

Dysoxylum procerum / (ASSAM LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56
2	60	18.29	40	101.60
3	35	10.67	20	50.80
4	30	9.14	21	53.34
5	20	6.10	16	40.64
6	65	19.81	31	78.74
7	25	7.62	14	35.56
8	40	12.19	26	66.04
9	50	15.24	36	91.44
10	30	9.14	18	45.72
11	45	13.72	55	139.70

Cinnamomum glaucescens / (MALAGIRI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	120	304.80

SOUTH INDONG

South Indong SP 10

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	50	127.00

***Dillenia pentagyna* / (TATARI/RAY/BON CHALTA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	80	203.20

***Syzygium cumini* / (JAM/KALO JAM/KHUDE JAM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	68	20.73	40	101.60
2	110	33.53	55	139.70
3	40	12.19	13	33.02
4	38	11.58	14	35.56
5	110	33.53	44	111.76
6	80	24.38	51	129.54
7	150	45.72	75	190.50
8	50	15.24	22	55.88

***Alstonia scholaris* / (CHATIYAN/CHATIM)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	32	81.28
2	50	15.24	24	60.96

***Chukrasia tabularis* / (CHIKRASI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	30	76.20

***Amoora wallichii* / (DOODH LALI/LALI/BORO LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	20	50.80
2	50	15.24	25	63.50
3	80	24.38	65	165.10
4	120	36.58	50	127.00
5	80	24.38	53	134.62
6	30	9.14	14	35.56

***Magnolia champaca* / (CHAAMP)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	34	86.36
2	15	4.57	17	43.18
3	40	12.19	23	58.42
4	50	15.24	39	99.06
5	50	15.24	21	53.34
6	30	9.14	18	45.72

***Lasiocca symphylliaefolia* / (JHAKRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	80	24.38	44	111.76
2	35	10.67	33	83.82
3	47	14.33	31	78.74
4	25	7.62	18	45.72
5	45	13.72	40	101.60

***Wrightia tomentosa* / (DOODHIA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	18	45.72
2	20	6.10	11	27.94

***Bridelia retusa* / (KOSAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	32	81.28
2	24	7.32	16	40.64
3	30	9.14	18	45.72

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	30	76.20

***Sloanea sterculiacea* / (KADAM KATUS/BHAISI KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	42	106.68
2	28	8.53	20	50.80
3	60	18.29	48	121.92
4	120	36.58	80	203.20
5	50	15.24	30	76.20
6	120	36.58	95	241.30
7	65	19.81	49	124.46

***Actinodaphne obovata* / (MONDOLA/RUNCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	12	30.48
2	30	9.14	45	114.3

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	30	76.20
2	100	30.48	52	132.08
3	30	9.14	21	53.34
4	52	15.85	26	66.04
5	50	15.24	50	127.00

***Casearia vareca* / (SADA LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	33	83.82
2	50	15.24	37	93.98
3	60	18.29	30	76.20
4	38	11.58	15	38.10
5	40	12.19	15	38.10
6	72	21.95	56	142.24
7	31	9.45	22	55.88
8	32	9.75	15	38.10
9	45	13.72	20	50.80
10	52	15.85	27	68.58

SOUTH INDONG

Machilus glaucescens / (KHAGOR/SADA KHADOR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	20	50.80
2	30	9.14	20	50.80
3	43	13.11	17	43.18
4	30	9.14	14	35.56
5	47	14.33	26	66.04
6	55	16.76	28	71.12
7	41	12.50	22	55.88
8	28	8.53	14	35.56
9	42	12.80	25	63.50
10	50	15.24	17	43.18
11	36	10.97	19	48.26
12	74	22.56	42	106.68
13	33	10.06	20	50.80

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	17	5.18	14	35.56
2	30	9.14	21	53.34
3	60	18.29	39	99.06
4	40	12.19	46	116.84
5	30	9.14	18	45.72
6	15	4.57	13	33.02
7	15	4.57	22	55.88

Duabanga grandiflora / (LAMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	56	17.07	32	81.28
2	40	12.19	18	45.72
3	28	8.53	15	38.10

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	17	43.18
2	30	9.14	17	43.18

Monoon simiarum / (LAAPCHE/CHOROK CHAPA/KHUTI				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	24	7.32	11	27.94
2	36	10.97	14	35.56
3	30	9.14	13	33.02
4	32	9.75	15	38.10
5	60	18.29	32	81.28
6	25	7.62	12	30.48
7	30	9.14	17	43.18
8	35	10.67	22	55.88
9	30	9.14	17	43.18
10	50	15.24	23	58.42
11	60	18.29	32	81.28
12	60	18.29	24	60.96
13	35	10.67	17	43.18
14	25	7.62	16	40.64
15	35	10.67	30	76.20
16	25	7.62	19	48.26
17	25	7.62	14	35.56
18	70	21.34	41	104.14
19	30	9.14	18	45.72
20	30	9.14	23	58.42
21	45	13.72	22	55.88
22	50	15.24	30	76.20
23	65	19.81	23	58.42
24	25	7.62	15	38.10
25	28	8.53	12	30.48
26	50	15.24	31	78.74
27	20	6.10	17	43.18
28	20	6.10	12	30.48
29	62	18.90	37	93.98
30	55	16.76	27	68.58
31	82	24.99	39	99.06
32	52	15.85	27	68.58
33	30	9.14	15	38.10

Turpinia pomifera / (THALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	36	91.44
2	26	7.92	21	53.34

Dysoxylum binectarifolium / (LAHASUNE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	17	43.18
2	25	7.62	15	38.10
3	40	12.19	28	71.12
4	27	8.23	18	45.72
5	47	14.33	18	45.72
6	30	9.14	13	33.02
7	38	11.58	15	38.10
8	35	10.67	21	53.34
9	37	11.28	26	66.04
10	25	7.62	10	25.40
11	55	16.76	37	93.98
12	35	10.67	20	50.80
13	50	15.24	31	78.74
14	16	4.88	20	50.80
15	25	7.62	19	48.26
16	15	4.57	10	25.40
17	35	10.67	19	48.26
18	15	4.57	12	30.48
19	35	10.67	17	43.18
20	30	9.14	16	40.64
21	45	13.72	26	66.04
22	20	6.10	25	63.50
23	40	12.19	51	129.54
24	60	18.29	35	88.90
25	27	8.23	15	38.10
26	15	4.57	19	48.26
27	70	21.34	36	91.44
28	35	10.67	40	101.60
29	15	4.57	19	48.26
30	30	9.14	32	81.28
31	60	18.29	48	121.92
32	60	18.29	28	71.12
33	25	7.62	11	27.94
34	45	13.72	25	63.50
35	35	10.67	28	71.12
36	30	9.14	26	66.04
37	22	6.71	25	63.50
38	80	24.38	50	127.00
39	32	9.75	27	68.58
40	70	21.34	70	177.80

SOUTH INDONG

Dysoxylum binectarifolium / (LAHASUNE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
41	65	19.81	52	132.08
42	65	19.81	50	127.00
43	15	4.57	16	40.64
44	65	19.81	39	99.06
45	20	6.10	16	40.64
46	12	3.66	26	66.04
47	40	12.19	45	114.30
48	25	7.62	12	30.48
49	40	12.19	38	96.52
50	60	18.29	70	177.80
51	25	7.62	45	114.30
52	35	10.67	27	68.58
53	35	10.67	42	106.68
54	30	9.14	14	35.56
55	52	15.85	27	68.58
56	30	9.14	14	35.56
57	40	12.19	12	30.48
58	30	9.14	35	88.90
59	120	36.58	50	127.00
60	120	36.58	70	177.80
61	60	18.29	57	144.78
62	40	12.19	46	116.84
63	80	24.38	75	190.50
64	35	10.67	21	53.34
65	45	13.72	30	76.20
66	40	12.19	18	45.72

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	18	45.72
2	30	9.14	16	40.64
3	35	10.67	15	38.10

Gynocardia odorata / (GANTE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	40	101.6

Baccaurea ramiflora / (KUSUM/LOTKA/NOTKO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	13	33.02
2	23	7.01	11	27.94
3	30	9.14	13	33.02
4	35	10.67	13	33.02
5	20	6.10	12	30.48
6	20	6.10	12	30.48
7	22	6.71	15	38.10
8	30	9.14	12	30.48
9	20	6.10	12	30.48
10	25	7.62	16	40.64
11	35	10.67	22	55.88
12	15	4.57	14	35.56
13	15	4.57	13	33.02
14	10	3.05	16	40.64
15	50	15.24	32	81.28

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	60	152.40
2	150	45.72	82	208.28
3	62	18.90	57	144.78
4	85	25.91	70	177.80

Ficus recemosa / (DUMUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	60	152.4
2	40	12.19	55	139.7

Ailanthus integrifolia / (GOKUL LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	24	60.96
2	90	27.43	87	220.98
3	30	9.14	14	35.56
4	100	30.48	44	111.76

Piliostigma malabaricum / (KANCHAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	22	55.88
2	52	15.85	19	48.26
3	23	7.01	19	48.26
4	62	18.90	50	127.00
5	40	12.19	28	71.12
6	32	9.75	25	63.50
7	46	14.02	33	83.82
8	65	19.81	30	76.20
9	52	15.85	34	86.36
10	30	9.14	16	40.64
11	56	17.07	30	76.20
12	80	24.38	20	50.80
13	45	13.72	22	55.88
14	80	24.38	42	106.68
15	70	21.34	22	55.88
16	16	4.88	15	38.10
17	20	6.10	16	40.64
18	48	14.63	30	76.20
19	40	12.19	57	144.78
20	45	13.72	40	101.60
21	40	12.19	63	160.02
22	42	12.80	24	60.96
23	60	18.29	35	88.90
24	25	7.62	12	30.48
25	42	12.80	28	71.12
26	85	25.91	40	101.60
27	82	24.99	46	116.84
28	35	10.67	42	106.68
29	20	6.10	13	33.02
30	35	10.67	30	76.20

Castanopsis tribuloides / (MASURE KATUS)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	22	55.88
2	35	10.67	21	53.34

Cinnamomum tamala / (TEJPAT)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	17	43.18

Magnolia cathcartii / (TEETA CHAAP)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	24	60.96
2	42	12.80	37	93.98
3	30	9.14	20	50.80
4	20	6.10	12	30.48
5	70	21.34	37	93.98
6	43	13.11	26	66.04
7	100	30.48	52	132.08
8	80	24.38	47	119.38
9	30	9.14	18	45.72
10	120	36.58	59	149.86
11	45	13.72	22	55.88
12	40	12.19	13	33.02
13	52	15.85	28	71.12
14	50	15.24	28	71.12
15	36	10.97	16	40.64
16	20	6.10	11	27.94
17	78	23.77	49	124.46
18	43	13.11	23	58.42
19	52	15.85	32	81.28
20	27	8.23	12	30.48
21	60	18.29	21	53.34
22	22	6.71	14	35.56
23	30	9.14	25	63.50

Mussaenda roxburghii / (DHOBI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	18	45.72

Balakata baccata / (AKHATARU)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	65	165.10

ADMA

Adma SP 2

Monoon simiarum / (LAAPCHE/LAAPSHI/SADA LAPCHE)

SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	85	25.91	40	101.60	41	40	12.19	21	53.34	81	50	15.24	36	91.44
2	30	9.14	12	30.48	42	25	7.62	12	30.48	82	90	27.43	40	101.60
3	153	46.63	90	228.60	43	86	26.21	40	101.60	83	60	18.29	35	88.90
4	23	7.01	11	27.94	44	75	22.86	42	106.68	84	70	21.34	42	106.68
5	22	6.71	10	25.40	45	112	34.14	56	142.24	85	50	15.24	30	76.20
6	75	22.86	39	99.06	46	92	28.04	46	116.84	86	25	7.62	11	27.94
7	78	23.77	40	101.60	47	85	25.91	45	114.30	87	40	12.19	18	45.72
8	68	20.73	33	83.82	48	76	23.16	38	96.52	88	50	15.24	22	55.88
9	70	21.34	36	91.44	49	89	27.13	34	86.36					
10	68	20.73	33	83.82	50	55	16.76	28	71.12					
11	60	18.29	33	83.82	51	33	10.06	20	50.80					
12	122	37.19	60	152.40	52	70	21.34	38	96.52					
13	85	25.91	42	106.68	53	30	9.14	20	50.80					
14	65	19.81	31	78.74	54	70	21.34	38	96.52					
15	105	32.00	64	162.56	55	67	20.42	32	81.28					
16	40	12.19	23	58.42	56	90	27.43	49	124.46					
17	60	18.29	33	83.82	57	50	15.24	35	88.90					
18	40	12.19	21	53.34	58	120	36.58	52	132.08					
19	90	27.43	47	119.38	59	40	12.19	26	66.04					
20	27	8.23	19	48.26	60	50	15.24	24	60.96					
21	110	33.53	50	127.00	61	50	15.24	32	81.28					
22	66	20.12	43	109.22	62	50	15.24	39	99.06					
23	45	13.72	27	68.58	63	40	12.19	15	38.10					
24	24	7.32	12	30.48	64	30	9.14	19	48.26					
25	30	9.14	16	40.64	65	25	7.62	31	78.74					
26	70	21.34	42	106.68	66	30	9.14	23	58.42					
27	23	7.01	14	35.56	67	40	12.19	23	58.42					
28	107	32.61	50	127.00	68	25	7.62	17	43.18					
29	90	27.43	45	114.30	69	100	30.48	50	127.00					
30	35	10.67	20	50.80	70	50	15.24	22	55.88					
31	73	22.25	40	101.60	71	80	24.38	39	99.06					
32	35	10.67	24	60.96	72	50	15.24	25	63.50					
33	62	18.90	30	76.20	73	20	6.10	10	25.40					
34	42	12.80	20	50.80	74	30	9.14	14	35.56					
35	22	6.71	10	25.40	75	20	6.10	10	25.40					
36	28	8.53	14	35.56	76	60	18.29	47	119.38					
37	23	7.01	10	25.40	77	80	24.38	32	81.28					
38	23	7.01	10	25.40	78	40	12.19	28	71.12					
39	28	8.53	15	38.10	79	80	24.38	39	99.06					
40	23	7.01	12	30.48	80	30	9.14	16	40.64					

Amoora rohituka / (LASOONI LALI)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	112	34.14	60	152.40
2	37	11.28	21	53.34
3	32	9.75	16	40.64
4	22	6.71	11	27.94
5	25	7.62	13	33.02
6	35	10.67	23	58.42
7	20	6.10	12	30.48
8	20	6.10	11	27.94

Tetrameles nudiflora / (MOYNA)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	152	46.33	90	228.60
2	160	48.77	102	259.08
3	48	14.63	22	55.88
4	172	52.43	140	355.60
5	45	13.72	25	63.50
6	145	44.20	105	266.70
7	110	33.53	138	350.52
8	150	45.72	210	533.40

Terminalia chebula / (HORITOKI/HARRA)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	90	228.60

Vitex peduncularis / (CHARAI GOURA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	13	33.02
2	70	21.34	36	91.44
3	90	27.43	46	116.84
4	40	12.19	22	55.88
5	25	7.62	12	30.48
6	75	22.86	40	101.60
7	24	7.32	13	33.02
8	30	9.14	13	33.02
9	20	6.10	14	35.56
10	30	9.14	23	58.42
11	20	6.10	15	38.10
12	20	6.10	21	53.34
13	15	4.57	14	35.56
14	20	6.10	11	27.94
15	30	9.14	14	35.56
16	20	6.10	13	33.02
17	40	12.19	20	50.80

Phoebe hainesiana / (ANGARE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	125	38.10	76	193.04
2	135	41.15	82	208.28
3	127	38.71	102	259.08
4	92	28.04	46	116.84
5	130	39.62	108	274.32
6	55	16.76	24	60.96
7	120	36.58	70	177.8
8	117	35.66	80	203.2
9	78	23.77	33	83.82
10	40	12.19	34	86.36
11	70	21.34	62	157.48
12	90	27.43	66	167.64
13	130	39.62	110	279.4
14	65	19.81	74	187.96
15	90	27.43	70	177.8
16	30	9.14	12	30.48
17	40	12.19	34	86.36
18	50	15.24	43	109.22

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	12	30.48
2	28	8.53	14	35.56
3	35	10.67	18	45.72
4	45	13.72	21	53.34
5	35	10.67	21	53.34
6	25	7.62	12	30.48
7	35	10.67	21	53.34
8	38	11.58	17	43.18
9	32	9.75	16	40.64
10	26	7.92	13	33.02
11	70	21.34	41	104.14
12	25	7.62	13	33.02
13	22	6.71	14	35.56
14	83	25.30	45	114.30
15	32	9.75	18	45.72
16	70	21.34	40	101.60
17	32	9.75	15	38.10
18	23	7.01	12	30.48
19	65	19.81	35	88.90
20	32	9.75	18	45.72
21	38	11.58	21	53.34
22	32	9.75	23	58.42
23	30	9.14	15	38.10
24	25	7.62	13	33.02
25	28	8.53	18	45.72
26	20	6.10	13	33.02
27	27	8.23	18	45.72
28	35	10.67	22	55.88
29	25	7.62	13	33.02
30	26	7.92	13	33.02
31	35	10.67	19	48.26
32	30	9.14	15	38.10
33	38	11.58	22	55.88
34	43	13.11	21	53.34
35	50	15.24	26	66.04
36	68	20.73	38	96.52
37	30	9.14	14	35.56
38	55	16.76	26	66.04
39	31	9.45	19	48.26
40	32	9.75	15	38.10

Sterculia lanceaefolia / (BAKAIN/SADA BAKAIN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20.00	6.10	14.00	35.56

Castanopsis hystrix / (KATUS)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	44	111.76

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	11	27.94
2	60	18.29	29	73.66
3	38	11.58	17	43.18
4	62	18.90	33	83.82
5	38	11.58	35	88.90
6	20	6.10	29	73.66

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	44	13.41	22	55.88
2	25	7.62	12	30.48
3	30	9.14	16	40.64
4	50	15.24	25	63.50
5	30	9.14	19	48.26
6	40	12.19	15	38.10

Xylia xylocarpa / (LOHA KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	31	9.45	15	38.10
2	62	18.90	30	76.20
3	65	19.81	38	96.52
4	45	13.72	23	58.42
5	28	8.53	13	33.02
6	82	24.99	50	127.00

Polyalthia simiarum / (BHUTIA LAPCHE)										*Schima wallichii* / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
41	30	9.14	19	48.26	81	50	15.24	26	66.04	1	164	49.99	104	264.16
42	26	7.92	17	43.18	82	80	24.38	50	127.00	2	155	47.24	90	228.60
43	40	12.19	18	45.72	83	70	21.34	36	91.44	3	72	21.95	30	76.20
44	75	22.86	30	76.20	84	30	9.14	14	35.56	4	134	40.84	104	264.16
45	26	7.92	13	33.02	85	25	7.62	10	25.40	5	60	18.29	30	76.20
46	56	17.07	22	55.88	86	30	9.14	10	25.40	6	148	45.11	108	274.32
47	75	22.86	29	73.66						7	160	48.77	110	279.40
48	82	24.99	34	86.36						8	142	43.28	82	208.28
49	36	10.97	15	38.10	*Premna bengalensis* / (GINARI/GIDARI/DHOULI)					9	130	39.62	84	213.36
50	50	15.24	21	53.34	SL. NO.	Height		Girth		10	105	32.00	60	152.40
51	46	14.02	22	55.88		ft	m	inch	cm	11	66	20.12	40	101.60
52	152	46.33	81	205.74	1	50	15.24	19	48.26	12	176	53.64	144	365.76
53	62	18.90	27	68.58						13	134	40.84	108	274.32
54	35	10.67	22	55.88						14	144	43.89	90	228.60
55	25	7.62	12	30.48	*Alstonia scholaris* / (CHATIYAN)					15	164	49.99	102	259.08
56	70	21.34	60	152.40	SL. NO.	Height		Girth		16	145	44.20	105	266.70
57	40	12.19	33	83.82		ft	m	inch	cm	17	45	13.72	34	86.36
58	70	21.34	54	137.16	1	92	28.04	40	101.60	18	110	33.53	126	320.04
59	20	6.10	12	30.48	2	70	21.34	43	109.22	19	50	15.24	80	203.20
60	45	13.72	29	73.66	3	70	21.34	55	139.70	20	50	15.24	36	91.44
61	80	24.38	33	83.82						21	95	28.96	125	317.50
62	30	9.14	14	35.56						22	100	30.48	121	307.34
63	20	6.10	15	38.10	*Ailanthus integrifolia* / (GOKUL)					23	25	7.62	20	50.80
64	35	10.67	25	63.50	SL. NO.	Height		Girth		24	100	30.48	90	228.60
65	20	6.10	11	27.94		ft	m	inch	cm					
66	20	6.10	11	27.94	1	32	9.75	18	45.72					
67	30	9.14	12	30.48	2	75	22.86	36	91.44	*Mallotus nudiflorus* / (PITHALI)				
68	35	10.67	13	33.02	3	80	24.38	42	106.68	SL. NO.	Height		Girth	
69	40	12.19	14	35.56	4	42	12.80	22	55.88		ft	m	inch	cm
70	30	9.14	14	35.56	5	50	15.24	24	60.96	1	82	24.99	42	106.68
71	40	12.19	13	33.02	6	30	9.14	11	27.94	2	50	15.24	31	78.74
72	30	9.14	14	35.56	7	130	39.62	80	203.20	3	30	9.14	13	33.02
73	15	4.57	11	27.94	8	50	15.24	23	58.42	4	50	15.24	30	76.20
74	40	12.19	21	53.34										
75	40	12.19	14	35.56										
76	25	7.62	13	33.02	*Chukrasia tabularis* / (CHIKRASI)					*Albizia procera* / (SADA SIRISH/SWET SIRISH)				
77	40	12.19	11	27.94	SL. NO.	Height		Girth		SL. NO.	Height		Girth	
78	40	12.19	18	45.72		ft	m	inch	cm		ft	m	inch	cm
79	30	9.14	12	30.48	1	23	7.01	11	27.94	1	127	38.71	82	208.28
80	50	15.24	22	55.88	2	40	12.19	21	53.34	2	12	3.66	10	25.40

ADMA

***Syzygium cumini* / (JAMUN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	85	25.91	40	101.60
2	93	28.35	45	114.30
3	23	7.01	11	27.94
4	65	19.81	33	83.82
5	30	9.14	15	38.10
6	90	27.43	46	116.84
7	45	13.72	23	58.42
8	65	19.81	24	60.96
9	66	20.12	23	58.42
10	40	12.19	26	66.04
11	30	9.14	26	66.04
12	50	15.24	28	71.12
13	40	12.19	26	66.04
14	40	12.19	14	35.56
15	50	15.24	19	48.26
16	25	7.62	18	45.72
17	30	9.14	22	55.88
18	25	7.62	21	53.34
19	30	9.14	29	73.66
20	40	12.19	21	53.34
21	60	18.29	42	106.68
22	50	15.24	54	137.16
23	20	6.10	11	27.94

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	123.00	37.49	84.00	213.36

***Myrsine semiserrata* / (PHALAME)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	32	81.28
2	30	9.14	13	33.02
3	20	6.10	15	38.10
4	20	6.10	11	27.94
5	25	7.62	17	43.18
6	25	7.62	11	27.94

***Pterospermum acerifolium* / (HATIPYLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	37	11.28	22	55.88
2	66	20.12	41	104.14
3	110	33.53	64	162.56
4	25	7.62	13	33.02
5	72	21.95	40	101.60
6	50	15.24	33	83.82
7	50	15.24	18	45.72

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	12	30.48
2	40	12.19	21	53.34
3	27	8.23	15	38.10
4	28	8.53	17	43.18

***Bombax ceiba* / (SIMUL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	210	64.01	120	304.80

***Oroxylum indicum* / (TOTOLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	27	68.58

***Cinnamomum glaucescens* / (MALAGIRI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	210	64.01	140	355.60

***Duabanga grandiflora* / (LAMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	14	35.56

***Machilus gamblei* / (KAWLA/AMPATE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45.00	13.72	26.00	66.04

***Amoora wallichii* / (DOODH LALI/LALI/GOTA LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	56	142.24
2	50	15.24	30	76.20

***Citrus indica* / (RAMSANTALA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	29	73.66

***Litsea lancifolia* /(MOKAI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	12	30.48

***Garuga pinnata* / (DABDABEY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	42	106.68
2	50	15.24	35	88.9

ADMA

Adma SP 6

Monoon simiarum / (LAAPCHE/LAAPSHI/SADA LAPCHE)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	95	28.96	48	121.92
2	40	12.19	19	48.26
3	25	7.62	11	27.94
4	46	14.02	21	53.34
5	112	34.14	50	127.00
6	30	9.14	12	30.48
7	55	16.76	25	63.50
8	58	17.68	23	58.42
9	55	16.76	30	76.20
10	40	12.19	22	55.88
11	32	9.75	16	40.64
12	85	25.91	40	101.60
13	30	9.14	15	38.10
14	44	13.41	25	63.50
15	65	19.81	30	76.20
16	104	31.70	50	127.00
17	34	10.36	15	38.10
18	28	8.53	14	35.56
19	25	7.62	12	30.48
20	45	13.72	24	60.96
21	51	15.54	26	66.04
22	63	19.20	30	76.20
23	25	7.62	12	30.48
24	44	13.41	24	60.96
25	33	10.06	12	30.48
26	25	7.62	12	30.48
27	22	6.71	15	38.10
28	20	6.10	13	33.02
29	27	8.23	12	30.48
30	35	10.67	17	43.18
31	90	27.43	42	106.68
32	40	12.19	18	45.72
33	26	7.92	15	38.10
34	38	11.58	20	50.80
35	44	13.41	27	68.58
36	35	10.67	20	50.80
37	54	16.46	32	81.28
38	23	7.01	15	38.10
39	28	8.53	14	35.56
40	40	12.19	21	53.34
41	25	7.62	12	30.48
42	38	11.58	28	71.12
43	26	7.92	15	38.10
44	120	36.58	60	152.40
45	20	6.10	12	30.48
46	24	7.32	14	35.56
47	31	9.45	17	43.18
48	26	7.92	12	30.48
49	26	7.92	13	33.02
50	28	8.53	13	33.02
51	30	9.14	14	35.56
52	22	6.71	13	33.02
53	23	7.01	13	33.02
54	18	5.49	12	30.48
55	68	20.73	31	78.74
56	18	5.49	10	25.40
57	20	6.10	14	35.56

Amoora rohituka / (LASOONI LALI)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	154	46.94	70	177.80
2	31	9.45	19	48.26
3	27	8.23	15	38.10
4	22	6.71	13	33.02
5	33	10.06	25	63.50
6	23	7.01	12	30.48
7	30	9.14	11	27.94
8	123	37.49	60	152.40

Sterculia villosa / (UDLA/ODAL)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	122	309.88
2	182	55.47	140	355.60
3	144	43.89	110	279.40
4	127	38.71	80	203.20

Tetrameles nudiflora / (MOYNA)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	220	67.06	180	457.20
2	164	49.99	120	304.80

Vitex peduncularis / (CHARAI GOURA)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	14	35.56
2	22	6.71	12	30.48
3	25	7.62	14	35.56
4	58	17.68	34	86.36
5	74	22.56	40	101.6
6	66	20.12	31	78.74

Castanopsis hystrix / (KATUS)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	13	33.02
2	37	11.28	24	60.96
3	107	32.61	50	127.00

Chukrasia tabularis / (CHIKRASI)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	31	78.74

Dillenia indica / (CHALTA)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90.00	27.43	45.00	114.30

Bombax ceiba / (SIMUL)

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	15	38.10
2	140	42.67	84	213.36

Phoebe hainesiana / (ANGARE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	112	34.14	60	152.40
2	46	14.02	26	66.04
3	44	13.41	21	53.34
4	146	44.50	80	203.20
5	104	31.70	45	114.30
6	48	14.63	23	58.42
7	127	38.71	64	162.56
8	38	11.58	18	45.72
9	40	12.19	22	55.88
10	46	14.02	22	55.88
11	36	10.97	16	40.64
12	68	20.73	31	78.74

Holarrhena pubescens / (KHIRRA/KURCHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	20	50.80
2	28	8.53	15	38.10
3	35	10.67	17	43.18
4	82	24.99	40	101.60
5	41	12.50	21	53.34
6	26	7.92	11	27.94
7	31	9.45	15	38.10
8	45	13.72	22	55.88
9	32	9.75	16	40.64
10	75	22.86	34	86.36
11	45	13.72	20	50.80
12	48	14.63	21	53.34
13	90	27.43	40	101.60
14	72	21.95	31	78.74
15	75	22.86	33	83.82
16	60	18.29	24	60.96
17	127	38.71	56	142.24

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	48	14.63	21	53.34

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	14	35.56
2	66	20.12	30	76.20
3	23	7.01	15	38.10
4	35	10.67	17	43.18
5	23	7.01	11	27.94
6	25	7.62	13	33.02
7	28	8.53	17	43.18
8	22	6.71	13	33.02
9	44	13.41	26	66.04
10	50	15.24	29	73.66
11	70	21.34	35	88.90
12	31	9.45	14	35.56
13	35	10.67	19	48.26
14	70	21.34	35	88.90
15	25	7.62	12	30.48
16	31	9.45	16	40.64
17	35	10.67	16	40.64
18	66	20.12	32	81.28
19	75	22.86	40	101.60
20	32	9.75	18	45.72
21	50	15.24	25	63.50
22	45	13.72	23	58.42
23	62	18.90	31	78.74
24	27	8.23	18	45.72
25	31	9.45	19	48.26
26	25	7.62	14	35.56
27	32	9.75	18	45.72
28	44	13.41	23	58.42
29	23	7.01	14	35.56
30	32	9.75	18	45.72
31	56	17.07	27	68.58
32	40	12.19	23	58.42
33	38	11.58	21	53.34
34	31	9.45	13	33.02
35	35	10.67	19	48.26
36	27	8.23	13	33.02
37	47	14.33	23	58.42
38	28	8.53	15	38.10
39	30	9.14	12	30.48
40	55	16.76	26	66.04

SL. NO.	Height		Girth	
	ft	m	inch	cm
41	45	13.72	20	50.80
42	44	13.41	22	55.88
43	50	15.24	20	50.80
44	30	9.14	10	25.40
45	22	6.71	13	33.02
46	32	9.75	15	38.10
47	42	12.80	26	66.04
48	26	7.92	14	35.56
49	30	9.14	21	53.34
50	28	8.53	14	35.56
51	35	10.67	17	43.18
52	40	12.19	21	53.34
53	36	10.97	16	40.64
54	50	15.24	26	66.04
55	55	16.76	28	71.12
56	45	13.72	21	53.34
57	22	6.71	12	30.48
58	23	7.01	14	35.56
59	33	10.06	25	63.50
60	18	5.49	11	27.94
61	46	14.02	25	63.50

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	11	27.94
2	30	9.14	13	33.02
3	22	6.71	12	30.48

Xylia xylocarpa / (LOHA KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	63	19.20	28	71.12
2	32	9.75	17	43.18
3	46	14.02	22	55.88
4	37	11.28	16	40.64
5	40	12.19	17	43.18
6	56	17.07	23	58.42

ADMA

Zanthoxylum armatum / (TIMBUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	48	14.63	20	50.80
2	68	20.73	33	83.82

Ailanthus integrifolia / (GOKUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	22	55.88

Albizzia Lebbeck / (KALA SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	88	26.82	40	101.60
2	82	24.99	70	177.80
3	120	36.58	52	132.08

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	68	20.73	38	96.52
2	164	49.99	110	279.40
3	170	51.82	90	228.60
4	75	22.86	42	106.68
5	182	55.47	110	279.40
6	102	31.09	56	142.24
7	154	46.94	72	182.88
8	130	39.62	84	213.36
9	104	31.70	65	165.10
10	134	40.84	74	187.96
11	68	20.73	27	68.58
12	30	9.14	17	43.18
13	66	20.12	30	76.20
14	75	22.86	45	114.30
15	52	15.85	26	66.04
16	95	28.96	60	152.40
17	150	45.72	80	203.20
18	92	28.04	40	101.60
19	160	48.77	120	304.80
20	140	42.67	72	182.88
21	120	36.58	66	167.64
22	210	64.01	182	462.28
23	138	42.06	72	182.88
24	156	47.55	110	279.40
25	160	48.77	132	335.28
26	95	28.96	49	124.46

Premna bengalensis / (GINARI/GIDARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	22	55.88
2	62	18.90	25	63.50

Syzygium cumini / (JAMUN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	168	51.21	120	304.80
2	156	47.55	122	309.88
3	124	37.80	54	137.16
4	44	13.41	20	50.80

Pterospermum acerifolium / (HATIPYLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	30	76.20
2	35	10.67	16	40.64
3	25	7.62	14	35.56
4	22	6.71	13	33.02
5	60	18.29	31	78.74
6	27	8.23	15	38.10

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	71	21.64	35	88.90
2	152	46.33	80	203.20

Lagerstroemia parviflora / (BAAJE/SIDHA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	16	40.64
2	72	21.95	34	86.36
3	40	12.19	17	43.18
4	58	17.68	25	63.50

ADMA

Adma SP 7

***Monoon simiarum* / (LAAPCHE/LAAPSHI/SADA LAPCHE)**

SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	113	34.44	56	142.24	41	102	31.09	44	111.76	81	70	21.34	34	86.36
2	77	23.47	35	88.90	42	68	20.73	31	78.74	82	46	14.02	21	53.34
3	108	32.92	50	127.00	43	95	28.96	40	101.60	83	88	26.82	40	101.60
4	80	24.38	34	86.36	44	78	23.77	35	88.90	84	110	33.53	48	121.92
5	90	27.43	45	114.30	45	48	14.63	25	63.50	85	33	10.06	18	45.72
6	82	24.99	40	101.60	46	126	38.40	52	132.08	86	30	9.14	15	38.10
7	77	23.47	42	106.68	47	78	23.77	35	88.90	87	28	8.53	17	43.18
8	72	21.95	38	96.52	48	108	32.92	44	111.76	88	74	22.56	37	93.98
9	85	25.91	40	101.60	49	75	22.86	33	83.82	89	75	22.86	42	106.68
10	106	32.31	42	106.68	50	95	28.96	40	101.60	90	104	31.70	52	132.08
11	124	37.80	52	132.08	51	112	34.14	55	139.70	91	92	28.04	40	101.60
12	48	14.63	25	63.50	52	65	19.81	32	81.28	92	23	7.01	12	30.48
13	60	18.29	36	91.44	53	86	26.21	38	96.52	93	62	18.90	35	88.90
14	75	22.86	34	86.36	54	77	23.47	35	88.90	94	136	41.45	60	152.40
15	77	23.47	37	93.98	55	128	39.01	50	127.00	95	70	21.34	32	81.28
16	96	29.26	42	106.68	56	82	24.99	42	106.68	96	60	18.29	30	76.20
17	102	31.09	45	114.30	57	102	31.09	42	106.68	97	73	22.25	17	43.18
18	90	27.43	50	127.00	58	95	28.96	40	101.60	98	130	39.62	50	127.00
19	85	25.91	44	111.76	59	95	28.96	45	114.30	99	32	9.75	15	38.10
20	162	49.38	82	208.28	60	122	37.19	48	121.92	100	92	28.04	43	109.22
21	66	20.12	36	91.44	61	62	18.90	23	58.42	101	96	29.26	42	106.68
22	112	34.14	50	127.00	62	88	26.82	43	109.22	102	35	10.67	13	33.02
23	82	24.99	40	101.60	63	120	36.58	53	134.62	103	96	29.26	45	114.30
24	80	24.38	38	96.52	64	108	32.92	48	121.92	104	28	8.53	13	33.02
25	33	10.06	18	45.72	65	70	21.34	36	91.44	105	55	16.76	21	53.34
26	75	22.86	36	91.44	66	50	15.24	21	53.34	106	70	21.34	35	88.90
27	117	35.66	56	142.24	67	85	25.91	40	101.60	107	38	11.58	19	48.26
28	62	18.90	32	81.28	68	70	21.34	38	96.52	108	58	17.68	25	63.50
29	75	22.86	34	86.36	69	122	37.19	62	157.48	109	31	9.45	14	35.56
30	92	28.04	40	101.60	70	82	24.99	34	86.36	110	112	34.14	50	127.00
31	122	37.19	60	152.40	71	134	40.84	52	132.08	111	70	21.34	26	66.04
32	113	34.44	50	127.00	72	80	24.38	35	88.90	112	42	12.80	16	40.64
33	132	40.23	55	139.70	73	75	22.86	33	83.82	113	36	10.97	15	38.10
34	111	33.83	60	152.40	74	148	45.11	72	182.88	114	30	9.14	12	30.48
35	220	67.06	162	411.48	75	110	33.53	48	121.92	115	72	21.95	40	101.60
36	75	22.86	39	99.06	76	104	31.70	45	114.30	116	65	19.81	41	104.14
37	90	27.43	45	114.30	77	65	19.81	30	76.20	117	80	24.38	52	132.08
38	62	18.90	32	81.28	78	112	34.14	50	127.00	118	72	21.95	44	111.76
39	65	19.81	30	76.20	79	50	15.24	20	50.80	119	26	7.92	13	33.02
40	82	24.99	40	101.60	80	67	20.42	41	104.14	120	20	6.10	11	27.94

ADMA

***Monoon simiarum* / (LAAPCHE/LAAPSHI/SADA LAPCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
121	55	16.76	25	63.50
122	24	7.32	11	27.94
123	27	8.23	12	30.48

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	35	88.90

***Tetrameles nudiflora* / (MOYNA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	134	40.84	60	152.40
2	162	49.38	105	266.70
3	170	51.82	84	213.36
4	82	24.99	37	93.98
5	224	68.28	162	411.48
6	180	54.86	122	309.88

***Vitex peduncularis* / (CHARAI GOURA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	31	9.45	17	43.18
2	58	17.68	23	58.42
3	66	20.12	30	76.20
4	28	8.53	12	30.48
5	62	18.90	21	53.34
6	55	16.76	23	58.42
7	40	12.19	16	40.64

***Chisocheton cumingianus* / (HARA LALI/FALA LALI/FATA LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	10	25.40
2	63	19.20	24	60.96
3	28	8.53	12	30.48

***Castanopsis hystri* x/ (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	72	21.95	28	71.12
2	31	9.45	13	33.02
3	45	13.72	23	58.42
4	52	15.85	25	63.50

***Phoebe hainesiana* / (ANGARE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	60	152.40
2	111	33.83	40	101.60
3	132	40.23	63	160.02
4	156	47.55	72	182.88
5	75	22.86	35	88.90
6	120	36.58	62	157.48
7	78	23.77	35	88.90
8	107	32.61	41	104.14
9	58	17.68	27	68.58
10	95	28.96	35	88.90
11	32	9.75	16	40.64
12	164	49.99	20	50.80

***Pterospermum acerifolium* / (HATIPYLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	125	38.10	60	152.40
2	50	15.24	20	50.80
3	65	19.81	28	71.12
4	62	18.90	24	60.96
5	52	15.85	17	43.18
6	60	18.29	20	50.80
7	76	23.16	42	106.68

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	30	76.20
2	32	9.75	13	33.02

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	38	11.58	18	45.72
2	42	12.80	17	43.18
3	56	17.07	29	73.66
4	46	14.02	20	50.80
5	56	17.07	25	63.50
6	69	21.03	30	76.20
7	58	17.68	26	66.04
8	102	31.09	48	121.92
9	55	16.76	25	63.50
10	45	13.72	21	53.34
11	40	12.19	23	58.42
12	52	15.85	26	66.04
13	93	28.35	44	111.76
14	58	17.68	25	63.50
15	32	9.75	15	38.10
16	65	19.81	30	76.20
17	44	13.41	20	50.80
18	27	8.23	15	38.10
19	42	12.80	20	50.80
20	38	11.58	19	48.26
21	45	13.72	19	48.26
22	42	12.80	17	43.18
23	37	11.28	12	30.48
24	25	7.62	13	33.02
25	56	17.07	2	5.08
26	90	27.43	42	106.68
27	37	11.28	19	48.26
28	70	21.34	32	81.28
29	28	8.53	14	35.56
30	30	9.14	12	30.48
31	28	8.53	13	33.02
32	25	7.62	12	30.48
33	45	13.72	17	43.18
34	23	7.01	10	25.40
35	57	17.37	25	63.50
36	85	25.91	42	106.68
37	95	28.96	40	101.60
38	25	7.62	12	30.48

ADMA

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	95	28.96	45	114.30
2	78	23.77	42	106.68
3	80	24.38	40	101.60
4	40	12.19	20	50.80
5	33	10.06	15	38.10
6	42	12.80	13	33.02
7	167	50.90	72	182.88
8	62	18.90	22	55.88
9	134	40.84	52	132.08
10	30	9.14	14	35.56
11	80	24.38	25	63.50
12	65	19.81	29	73.66
13	71	21.64	27	68.58
14	80	24.38	35	88.90
15	112	34.14	52	132.08
16	153	46.63	60	152.40
17	75	22.86	33	83.82
18	68	20.73	42	106.68
19	58	17.68	21	53.34
20	66	20.12	28	71.12
21	35	10.67	16	40.64
22	28	8.53	14	35.56
23	26	7.92	12	30.48
24	35	10.67	14	35.56
25	22	6.71	10	25.40
26	25	7.62	12	30.48
27	50	15.24	22	55.88
28	72	21.95	28	71.12
29	35	10.67	11	27.94
30	64	19.51	28	71.12
31	68	20.73	30	76.20
32	35	10.67	14	35.56
33	31	9.45	13	33.02

Lagerstroemia speciosa / (JARUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	40	101.60

Xylia xylocarpa / (LOHA KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	18	45.72
2	10	3.05	45	114.30
3	552	168.25	20	50.80
4	46	14.02	25	63.50
5	37	11.28	17	43.18
6	72	21.95	34	86.36
7	95	28.96	38	96.52
8	32	9.75	14	35.56
9	28	8.53	15	38.10

Schima wallichii / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	127	38.71	104	264.16
2	114	34.75	72	182.88
3	96	29.26	60	152.40
4	88	26.82	52	132.08
5	77	23.47	31	78.74
6	124	37.80	50	127.00
7	90	27.43	44	111.76
8	164	49.99	82	208.28
9	148	45.11	88	223.52
10	134	40.84	76	193.04
11	176	53.64	96	243.84
12	82	24.99	40	101.60
13	95	28.96	41	104.14
14	160	48.77	122	309.88
15	210	64.01	152	386.08
16	210	64.01	150	381.00
17	175	53.34	82	208.28
18	152	46.33	90	228.60

Syzygium cumini / (JAMUN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	46	14.02	17	43.18
2	82	24.99	40	101.60
3	85	25.91	41	104.14

Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	134	40.84	62	157.48

ADMA

Adma SP 9

Monoon simiarum / (LAAPCHE/LAAPSHI/SADA LAPCHE)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	92	28.04	39	99.06	41	82	24.99	38	96.52	81	31	9.45	13	33.02
2	112	34.14	49	124.46	42	40	12.19	16	40.64	82	108	32.92	50	127.00
3	76	23.16	37	93.98	43	90	27.43	34	86.36	83	53	16.15	23	58.42
4	94	28.65	47	119.38	44	96	29.26	50	127.00	84	88	26.82	42	106.68
5	38	11.58	16	40.64	45	80	24.38	31	78.74	85	50	15.24	23	58.42
6	95	28.96	41	104.14	46	57	17.37	26	66.04	86	66	20.12	25	63.50
7	85	25.91	43	109.22	47	82	24.99	42	106.68	87	50	15.24	22	55.88
8	82	24.99	34	86.36	48	96	29.26	39	99.06	88	70	21.34	25	63.50
9	90	27.43	39	99.06	49	62	18.90	27	68.58	89	44	13.41	24	60.96
10	104	31.70	47	119.38	50	77	23.47	29	73.66	90	91	27.74	47	119.38
11	92	28.04	39	99.06	51	70	21.34	26	66.04	91	85	25.91	40	101.60
12	110	33.53	35	88.90	52	64	19.51	31	78.74	92	96	29.26	42	106.68
13	137	41.76	50	127.00	53	48	14.63	20	50.80	93	110	33.53	50	127.00
14	152	46.33	62	157.48	54	36	10.97	18	45.72	94	124	37.80	48	121.92
15	142	43.28	38	96.52	55	48	14.63	21	53.34	95	33	10.06	19	48.26
16	128	39.01	52	132.08	56	81	24.69	39	99.06	96	114	34.75	50	127.00
17	82	24.99	33	83.82	57	108	32.92	50	127.00	97	92	28.04	41	104.14
18	32	9.75	14	35.56	58	42	12.80	17	43.18	98	117	35.66	54	137.16
19	112	34.14	46	116.84	59	30	9.14	10	25.40	99	54	16.46	26	66.04
20	93	28.35	40	101.60	60	70	21.34	32	81.28	100	93	28.35	48	121.92
21	35	10.67	19	48.26	61	81	24.69	39	99.06	101	47	14.33	20	50.80
22	28	8.53	12	30.48	62	35	10.67	12	30.48	102	27	8.23	13	33.02
23	30	9.14	16	40.64	63	95	28.96	46	116.84	103	122	37.19	60	152.40
24	77	23.47	36	91.44	64	22	6.71	13	33.02	104	90	27.43	44	111.76
25	40	12.19	16	40.64	65	60	18.29	27	68.58	105	78	23.77	37	93.98
26	48	14.63	19	48.26	66	30	9.14	12	30.48	106	84	25.60	40	101.60
27	117	35.66	51	129.54	67	48	14.63	23	58.42	107	57	17.37	25	63.50
28	96	29.26	48	121.92	68	31	9.45	14	35.56	108	184	56.08	100	254.00
29	112	34.14	50	127.00	69	30	9.14	12	30.48	109	67	20.42	27	68.58
30	117	35.66	52	132.08	70	70	21.34	38	96.52	110	104	31.70	48	121.92
31	72	21.95	30	76.20	71	52	15.85	20	50.80	111	44	13.41	22	55.88
32	95	28.96	40	101.60	72	72	21.95	30	76.20					
33	31	9.45	19	48.26	73	33	10.06	16	40.64					
34	27	8.23	13	33.02	74	22	6.71	13	33.02					
35	112	34.14	52	132.08	75	32	9.75	19	48.26					
36	122	37.19	51	129.54	76	25	7.62	10	25.40					
37	26	7.92	10	25.40	77	28	8.53	13	33.02					
38	75	22.86	32	81.28	78	24	7.32	11	27.94					
39	48	14.63	23	58.42	79	36	10.97	19	48.26					
40	66	20.12	29	73.66	80	40	12.19	17	43.18					

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	68	20.73	25	63.50
2	32	9.75	11	27.94
3	28	8.53	11	27.94
4	25	7.62	12	30.48

ADMA

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	42	12.80	16	40.64
2	51	15.54	19	48.26
3	44	13.41	16	40.64
4	55	16.76	28	71.12
5	134	40.84	62	157.48
6	81	24.69	30	76.20
7	120	36.58	51	129.54
8	77	23.47	31	78.74

***Baccaurea ramiflora* / (KUSUM/LOTKA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	28	71.12

***Tetrameles nudiflora* / (MOYNA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	174	53.04	152	386.08
2	172	52.43	130	330.20
3	52	15.85	22	55.88
4	224	68.28	162	411.48
5	165	50.29	120	304.80
6	226	68.88	144	365.76
7	170	51.82	114	289.56
8	186	56.69	138	350.52
9	210	64.01	162	411.48
10	146	44.50	104	264.16

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	28	71.12
2	37	11.28	14	35.56
3	70	21.34	31	78.74
4	127	38.71	60	152.40
5	78	23.77	35	88.90

***Vitex peduncularis* / (CHARAI GOURA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	78	23.77	38	96.52
2	30	9.14	14	35.56
3	28	8.53	13	33.02
4	33	10.06	14	35.56
5	31	9.45	15	38.10
6	46	14.02	23	58.42
7	57	17.37	26	66.04

***Sterculia lanceaefolia* / (BAKAIN/SADA BAKAIN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	130	39.62	49	124.46
2	33	10.06	10	25.40
3	110	33.53	40	101.60
4	76	23.16	31	78.74
5	150	45.72	70	177.80
6	53	16.15	22	55.88
7	25	7.62	11	27.94
8	32	9.75	16	40.64
9	26	7.92	12	30.48

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	44	13.41	17	43.18
2	40	12.19	14	35.56
3	38	11.58	17	43.18
4	58	17.68	24	60.96
5	56	17.07	23	58.42
6	34	10.36	18	45.72
7	74	22.56	34	86.36
8	44	13.41	22	55.88
9	42	12.80	19	48.26
10	112	34.14	44	111.76
11	42	12.80	18	45.72
12	28	8.53	17	43.18
13	34	10.36	18	45.72

***Phoebe hainesiana* / (ANGARE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	162	49.38	104	264.16
2	122	37.19	55	139.70
3	137	41.76	56	142.24
4	148	45.11	110	279.40
5	77	23.47	33	83.82
6	84	25.60	41	104.14
7	72	21.95	36	91.44
8	180	54.86	162	411.48
9	56	17.07	20	50.80
10	102	31.09	40	101.60
11	162	49.38	84	213.36
12	111	33.83	47	119.38
13	121	36.88	52	132.08
14	77	23.47	25	63.50
15	156	47.55	82	208.28
16	92	28.04	42	106.68
17	81	24.69	30	76.20
18	112	34.14	50	127.00
19	134	40.84	104	264.16
20	165	50.29	122	309.88
21	177	53.95	148	375.92
22	68	20.73	29	73.66
23	66	20.12	30	76.20
24	75	22.86	37	93.98
25	31	9.45	16	40.64
26	156	47.55	90	228.60

***Castanopsis hystrix* / (KATUS)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	112	34.14	45	114.30
2	81	24.69	33	83.82

***Zanthoxylum armatum* / (TIMBUR)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	162	49.38	120	304.80
2	70	21.34	24	60.96

ADMA

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	105	32.00	50	127.00
2	30	9.14	11	27.94
3	68	20.73	30	76.20
4	40	12.19	18	45.72
5	38	11.58	14	35.56
6	60	18.29	23	58.42
7	55	16.76	22	55.88
8	63	19.20	25	63.50
9	56	17.07	22	55.88
10	37	11.28	15	38.10
11	44	13.41	24	60.96
12	34	10.36	15	38.10
13	30	9.14	14	35.56
14	45	13.72	22	55.88
15	31	9.45	14	35.56
16	28	8.53	12	30.48
17	40	12.19	18	45.72
18	27	8.23	15	38.10
19	55	16.76	25	63.50
20	52	15.85	22	55.88
21	67	20.42	30	76.20
22	31	9.45	15	38.10
23	52	15.85	25	63.50
24	48	14.63	24	60.96
25	58	17.68	30	76.20
26	44	13.41	21	53.34
27	34	10.36	17	43.18

Dillenia pentagyna / (TATARI/RAY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	**106**	**32.31**	**40**	**101.60**

Ailanthus integrifolia / (GOKUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	32	9.75	16	40.64

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	38	96.52
2	68	20.73	23	58.42
3	36	10.97	21	53.34
4	48	14.63	24	60.96
5	32	9.75	12	30.48
6	68	20.73	33	83.82
7	70	21.34	27	68.58
8	26	7.92	12	30.48
9	64	19.51	29	73.66
10	50	15.24	22	55.88
11	45	13.72	18	45.72
12	32	9.75	15	38.10
13	78	23.77	37	93.98
14	28	8.53	14	35.56
15	50	15.24	22	55.88
16	80	24.38	38	96.52
17	107	32.61	50	127.00
18	82	24.99	38	96.52
19	36	10.97	19	48.26
20	27	8.23	15	38.10

Xylia xylocarpa / (LOHA KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	88.00	26.82	38.00	96.52
2	95.00	28.96	44.00	111.76
3	72.00	21.95	29.00	73.66
4	45.00	13.72	21.00	53.34
5	127.00	38.71	60.00	152.40

Schima wallichii/				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	164	49.99	122	309.88
2	184	56.08	132	335.28
3	162	49.38	102	259.08

Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	58	17.68	25	63.50

ADMA

Adma SP 10

Monoon simiarum / (LAAPCHE/LAAPSHI/SADA LAPCHE)														
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	57	17.37	40	101.60	41	25	7.62	10	25.40	81	50	15.24	24	60.96
2	65	19.81	45	114.30	42	20	6.10	11	27.94	82	40	12.19	16	40.64
3	40	12.19	19	48.26	43	20	6.10	13	33.02	83	110	33.53	70	177.80
4	45	13.72	23	58.42	44	17	5.18	11	27.94	84	40	12.19	14	35.56
5	25	7.62	14	35.56	45	90	27.43	52	132.08	85	30	9.14	13	33.02
6	20	6.10	10	25.40	46	80	24.38	42	106.68	86	30	9.14	12	30.48
7	40	12.19	23	58.42	47	90	27.43	48	121.92	87	40	12.19	16	40.64
8	100	30.48	52	132.08	48	70	21.34	31	78.74	88	70	21.34	30	76.20
9	90	27.43	60	152.40	49	50	15.24	23	58.42	89	90	27.43	32	81.28
10	75	22.86	77	195.58	50	40	12.19	12	30.48	90	30	9.14	13	33.02
11	25	7.62	14	35.56	51	20	6.10	13	33.02	91	40	12.19	18	45.72
12	30	9.14	12	30.48	52	40	12.19	24	60.96	92	20	6.10	11	27.94
13	25	7.62	11	27.94	53	40	12.19	18	45.72	93	30	9.14	11	27.94
14	35	10.67	23	58.42	54	25	7.62	18	45.72	94	40	12.19	17	43.18
15	25	7.62	12	30.48	55	30	9.14	17	43.18	95	25	7.62	12	30.48
16	15	4.57	11	27.94	56	75	22.86	36	91.44	96	50	15.24	41	104.14
17	20	6.10	11	27.94	57	40	12.19	13	33.02	97	30	9.14	16	40.64
18	40	12.19	13	33.02	58	40	12.19	14	35.56	98	40	12.19	33	83.82
19	45	13.72	22	55.88	59	20	6.10	16	40.64	99	20	6.10	13	33.02
20	50	15.24	25	63.50	60	20	6.10	10	25.40	100	30	9.14	20	50.80
21	35	10.67	16	40.64	61	20	6.10	11	27.94	101	70	21.34	38	96.52
22	30	9.14	15	38.10	62	40	12.19	13	33.02	102	80	24.38	39	99.06
23	40	12.19	25	63.50	63	14	4.27	10	25.40	103	105	32.00	64	162.56
24	20	6.10	10	25.40	64	25	7.62	11	27.94	104	100	30.48	65	165.10
25	30	9.14	17	43.18	65	30	9.14	15	38.10	105	20	6.10	13	33.02
26	20	6.10	10	25.40	66	30	9.14	13	33.02	106	30	9.14	13	33.02
27	70	21.34	35	88.90	67	25	7.62	11	27.94	107	40	12.19	20	50.80
28	100	30.48	55	139.70	68	30	9.14	16	40.64	108	30	9.14	12	30.48
29	40	12.19	28	71.12	69	30	9.14	12	30.48	109	70	21.34	54	137.16
30	40	12.19	14	35.56	70	110	33.53	70	177.80	110	20	6.10	14	35.56
31	40	12.19	18	45.72	71	70	21.34	37	93.98	111	50	15.24	25	63.50
32	100	30.48	60	152.40	72	50	15.24	20	50.80	112	30	9.14	15	38.10
33	20	6.10	10	25.40	73	70	21.34	24	60.96	113	32	9.75	18	45.72
34	40	12.19	21	53.34	74	20	6.10	10	25.40	114	25	7.62	11	27.94
35	50	15.24	28	71.12	75	20	6.10	12	30.48	115	30	9.14	16	40.64
36	55	16.76	34	86.36	76	40	12.19	70	177.80					
37	20	6.10	16	40.64	77	20	6.10	10	25.40					
38	40	12.19	22	55.88	78	20	6.10	12	30.48					
39	20	6.10	11	27.94	79	30	9.14	15	38.10					
40	20	6.10	13	33.02	80	70	21.34	34	86.36					

ADMA

Amoora rohituka / (LASOONI LALI)					*Baccaurea ramiflora* / (KUSUM/LOTKA)					*Tetrameles nudiflora* / (MOYNA)					*Schima wallichii* / (CHILAUNEY/CHILONI)					*Syzygium jambolanum* / (SADA JAM/PANIJAM)					*Vitex peduncularis* / (CHARAI GOURA)					*Holarrhena pubescens* / (KHIRRA/KURCHI)					*Alstonia scholaris* / (CHATIYAN)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	16	40.64	41	30	9.14	16	40.64	1	40	12.19	33	83.82	1	80	24.38	48	121.92	1	20	6.10	10	25.40	1	30	9.14	28	71.12	1	56	17.07	42	106.68	1	70	21.34	56	142.24
2	35	10.67	39	99.06	42	20	6.10	10	25.40						2	40	12.19	18	45.72	2	40	12.19	16	40.64	2	30	9.14	14	35.56	2	15	4.57	12	30.48	2	55	16.76	66	167.64
3	25	7.62	12	30.48	43	40	12.19	21	53.34						3	70	21.34	48	121.92	3	40	12.19	20	50.80	3	15	4.57	11	27.94	3	15	4.57	13	33.02	3	60	18.29	57	144.78
4	20	6.10	10	25.40	44	60	18.29	48	121.92											4	25	7.62	15	38.10	4	28	8.53	12	30.48	4	65	19.81	45	114.30					
5	30	9.14	13	33.02	45	40	12.19	24	60.96											5	30	9.14	18	45.72	5	18	5.49	10	25.40	5	25	7.62	16	40.64					
6	20	6.10	14	35.56																6	20	6.10	14	35.56	6	40	12.19	15	38.10	6	40	12.19	23	58.42					
7	30	9.14	12	30.48																7	35	10.67	11	27.94	7	30	9.14	15	38.10	7	40	12.19	19	48.26					
8	20	6.10	12	30.48																8	20	6.10	13	33.02	8	15	4.57	11	27.94	8	20	6.10	12	30.48					
9	15	4.57	11	27.94																9	30	9.14	15	38.10	9	20	6.10	11	27.94										
10	14	4.27	13	33.02																10	20	6.10	12	30.48	10	30	9.14	38	96.52										
11	20	6.10	17	43.18																11	20	6.10	12	30.48	11	25	7.62	16	40.64										
12	35	10.67	11	27.94																12	35	10.67	11	27.94	12	30	9.14	13	33.02										
13	20	6.10	12	30.48																13	20	6.10	12	30.48	13	30	9.14	15	38.10										
14	20	6.10	12	30.48																14	20	6.10	12	30.48	14	15	4.57	11	27.94										
15	30	9.14	13	33.02																15	30	9.14	13	33.02	15	25	7.62	10	25.40										
16	40	12.19	20	50.80																16	40	12.19	20	50.80	16	20	6.10	11	27.94										
17	60	18.29	47	119.38																17	60	18.29	47	119.38	17	20	6.10	11	27.94										
18	20	6.10	13	33.02																18	20	6.10	13	33.02														
19	40	12.19	16	40.64																19	40	12.19	16	40.64														
20	40	12.19	19	48.26																20	40	12.19	19	48.26														
21	20	6.10	12	30.48																21	20	6.10	12	30.48														
22	20	6.10	10	25.40																22	20	6.10	10	25.40														
23	20	6.10	10	25.40																23	20	6.10	10	25.40														
24	20	6.10	12	30.48																24	20	6.10	12	30.48														
25	40	12.19	15	38.10																25	40	12.19	15	38.10														
26	25	7.62	12	30.48																26	25	7.62	12	30.48														
27	30	9.14	12	30.48																27	30	9.14	12	30.48														
28	25	7.62	15	38.10																28	25	7.62	15	38.10														
29	20	6.10	12	30.48																29	20	6.10	12	30.48														
30	20	6.10	12	30.48																30	20	6.10	12	30.48														
31	50	15.24	41	104.14																31	50	15.24	41	104.14														
32	20	6.10	15	38.10																32	20	6.10	15	38.10														
33	20	6.10	13	33.02																33	20	6.10	13	33.02														
34	35	10.67	18	45.72																34	35	10.67	18	45.72														
35	25	7.62	11	27.94																35	25	7.62	11	27.94														
36	20	6.10	11	27.94																36	20	6.10	11	27.94														
37	25	7.62	15	38.10																37	25	7.62	15	38.10														
38	20	6.10	11	27.94																38	20	6.10	11	27.94														
39	30	9.14	21	53.34																39	30	9.14	21	53.34														
40	20	6.10	11	27.94																40	20	6.10	11	27.94														

Polyalthia simiarum / (BHUTIA LAPCHE)													
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	55	16.76	29	73.66	41	30	9.14	17	43.18	81	40	12.19	24	60.96
2	50	15.24	24	60.96	42	40	12.19	17	43.18	82	20	6.10	12	30.48
3	55	16.76	30	76.20	43	90	27.43	60.00	152.40	83	40	12.19	23	58.42
4	40	12.19	17	43.18	44	60	18.29	38	96.52	84	30	9.14	14	35.56
5	35	10.67	25	63.50	45	30	9.14	15	38.10	85	40	12.19	21	53.34
6	35	10.67	17	43.18	46	30	9.14	12	30.48	86	30	9.14	13	33.02
7	25	7.62	11	27.94	47	20	6.10	11	27.94	87	25	7.62	14	35.56
8	45	13.72	20	50.80	48	70	21.34	60	152.40	88	30	9.14	14	35.56
9	45	13.72	16	40.64	49	20	6.10	13	33.02	89	25	7.62	15	38.10
10	20	6.10	12	30.48	50	20	6.10	12	30.48	90	20	6.10	12	30.48
11	30	9.14	18	45.72	51	20	6.10	13	33.02	91	25	7.62	18	45.72
12	40	12.19	22	55.88	52	30	9.14	16	40.64	92	40	12.19	16	40.64
13	20	6.10	11	27.94	53	20	6.10	13	33.02	93	30	9.14	15	38.10
14	20	6.10	13	33.02	54	20	6.10	11	27.94					
15	60	18.29	38	96.52	55	30	9.14	13	33.02					
16	30	9.14	17	43.18	56	50	15.24	25	63.50					
17	30	9.14	17	43.18	57	30	9.14	17	43.18					
18	30	9.14	16	40.64	58	30	9.14	14	35.56					
19	35	10.67	18	45.72	59	50	15.24	32	81.28					
20	40	12.19	19	48.26	60	35	10.67	15	38.10					
21	40	12.19	20	50.80	61	50	15.24	54	137.16					
22	30	9.14	22	55.88	62	40	12.19	15	38.10					
23	35	10.67	21	53.34	63	50	15.24	19	48.26					
24	30	9.14	14	35.56	64	50	15.24	22	55.88					
25	30	9.14	15	38.10	65	40	12.19	23	58.42					
26	20	6.10	10	25.40	66	20	6.10	11	27.94					
27	40	12.19	14	35.56	67	40	12.19	22	55.88					
28	20	6.10	15	38.10	68	40	12.19	30	76.20					
29	30	9.14	22	55.88	69	30	9.14	14	35.56					
30	40	12.19	22	55.88	70	25	7.62	12	30.48					
31	20	6.10	15	38.10	71	20	6.10	12	30.48					
32	40	12.19	13	33.02	72	40	12.19	29	73.66					
33	40	12.19	27	68.58	73	30	9.14	14	35.56					
34	40	12.19	17	43.18	74	20	6.10	11	27.94					
35	30	9.14	13	33.02	75	15	4.57	11	27.94					
36	20	6.10	13	33.02	76	15	4.57	10	25.40					
37	15	4.57	11	27.94	77	90	27.43	52	132.08					
38	20	6.10	11	27.94	78	70	21.34	25	63.50					
39	30	9.14	15	38.10	79	40	12.19	16	40.64					
40	30	9.14	15	38.10	80	20	6.10	14	35.56					

Premna bengalensis / (GINARI/GIDARI/DHOULI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	56	142.2

Ailanthus integrifolia / (GOKUL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	90	27.43	50	127

Terminalia chebula / (HORITOKI/HARRA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	34	78	198
2	115	35	92	234

Actinodaphne obovata / (MONDOLA/RUNCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	33	83.82
2	50	15.24	31	78.74

ADMA

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	25	63.50
2	22	6.71	12	30.48
3	20	6.10	16	40.64
4	50	15.24	25	63.50
5	30	9.14	13	33.02
6	40	12.19	18	45.72
7	20	6.10	11	27.94
8	40	12.19	19	48.26
9	25	7.62	10	25.40
10	40	12.19	13	33.02
11	25	7.62	17	43.18
12	30	9.14	18	45.72
13	20	6.10	20	50.80

Oroxylum indicum / (TOTOLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30.00	9.14	16.00	40.64

Litsea lancifolia /(MOKAI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	12	30.48

Knema erratica / (RAMGUA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	35	88.90

Cephalanthus tetrandra / (KALI KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	43	109.2
2	35	10.67	33	83.82

Mallotus nudiflorus / (PITHALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	23	58.42
2	40	12.19	16	40.64
3	75	22.86	43	109.22
4	25	7.62	13	33.02
5	70	21.34	57	144.78
6	50	15.24	33	83.82
7	15	4.57	13	33.02
8	40	12.19	26	66.04
9	20	6.10	10	25.40
10	90	27.43	60	152.40
11	50	15.24	18	45.72
12	50	15.24	19	48.26
13	20	6.10	13	33.02
14	50	15.24	27	68.58
15	45	13.72	17	43.18
16	57	17.37	20	50.80
17	80	24.38	52	132.08
18	20	6.10	11	27.94

Pterospermum acerifolium / (HATIPYLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	52	15.85	37	93.98
2	25	7.62	11	27.94
3	20	6.10	17	43.18
4	40	12.19	23	58.42
5	40	12.19	17	43.18
6	35	10.67	23	58.42
7	40	12.19	20	50.8
8	40	12.19	16	40.64
9	50	15.24	11	27.94
10	30	9.14	16	40.64
11	30	9.14	17	43.18
12	20	6.10	16	40.64
13	22	6.71	13	33.02
14	30	9.14	16	40.64
15	45	13.72	32	81.28
16	40	12.19	34	86.36
17	30	9.14	26	66.04

Amoora wallichii / (DOODH LALI/LALI/GOTA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	45	114.30
2	50	15.24	31	78.74
3	30	9.14	12	30.48
4	30	9.14	16	40.64
5	40	12.19	22	55.88
6	30	9.14	11	27.94
7	40	12.19	29	73.66
8	20	6.10	21	53.34
9	15	4.57	13	33.02
10	40	12.19	14	35.56
11	40	12.19	18	45.72
12	40	12.19	31	78.74
13	30	9.14	26	66.04
14	60	18.29	53	134.62

Phoebe hainesiana / (ANGARE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	75	22.86	76	193.04
3	90	27.43	154	391.16
4	70	21.34	100	254.00
5	70	21.34	102	259.08
6	65	19.81	93	236.22
7	25	7.62	14	35.56
8	60	18.29	57	144.78

Castanopsis hystrix / (KATUS)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	67	20.42	45	114.30
2	95	28.96	84	213.36
3	50	15.24	55	139.70
4	40	12.19	24	60.96
5	30	9.14	14	35.56
6	20	6.10	14	35.56
7	35	10.67	18	45.72

Myrsine semiserrata / (PHALAME)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	50	127.00
2	20	6.10	11	27.94
3	22	6.71	10	25.40
4	25	7.62	12	30.48
5	25	7.62	15	38.10
6	20	6.10	15	38.10
7	25	7.62	18	45.72
8	15	4.57	11	27.94
9	15	4.57	11	27.94
10	50	15.24	17	43.18
11	70	21.34	66	167.64
12	20	6.10	12	30.48
13	45	13.72	54	137.16
14	30	9.14	19	48.26
15	90	27.43	80	203.20
16	70	21.34	60	152.40
17	20	6.10	12	30.48
18	40	12.19	18	45.72
19	20	6.10	11	27.94
20	40	12.19	13	33.02
21	25	7.62	12	30.48
22	40	12.19	20	50.80
23	20	6.10	14	35.56

Pterygota alata / (NARKELI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	19	48.26
2	40	12.19	15	38.10
3	105	32.00	52	132.08
4	50	15.24	30	76.20
5	30	9.14	14	35.56

Morinda angustifolia / (HALDE KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94

Albizia lucidor / (POTKA SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	34	86.36

Syzygium operculatum / (KATH JAM)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	16	40.64

Cassia fistula / (SONALU/BANDARLATHI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	37	93.98
2	30	9.14	14	35.56
3	80	24.38	30	76.20
4	40	12.19	27	68.58
5	26	7.92	13	33.02
6	50	15.24	16	40.64

SANTALABARI

Santalabari SP 1

***Holarrhena pubescens* / (KHIRRA/KURCHI)**										***Schima wallichii* / (CHILAUNEY/CHILONI)**				
SL.	Height		Girth		SL.	Height		Girth		SL.	Height		Girth	
NO.	ft	m	inch	cm	NO.	ft	m	inch	cm	NO.	ft	m	inch	cm
1	44	13.41	21	53.34	41	45	13.72	23	58.42	1	66	20.12	30	76.20
2	50	15.24	23	58.42	42	44	13.41	23	58.42	2	28	8.53	15	38.10
3	62	18.90	31	78.74						3	56	17.07	31	78.74
4	66	20.12	32	81.28						4	82	24.99	36	91.44
5	77	23.47	38	96.52	***Mallotus nudiflorus* / (PITHALI)**					5	170	51.82	120	304.80
6	35	10.67	18	45.72	SL.	Height		Girth		6	82	24.99	45	114.30
7	44	13.41	24	60.96	NO.	ft	m	inch	cm	7	165	50.29	120	304.80
8	60	18.29	29	73.66	1	31	9.45	13	33.02	8	210	64.01	160	406.40
9	48	14.63	21	53.34	2	44	13.41	22	55.88	9	82	24.99	45	114.30
10	40	12.19	20	50.80	3	38	11.58	20	50.80	10	36	10.97	18	45.72
11	32	9.75	14	35.56	4	72	21.95	30	76.20					
12	58	17.68	28	71.12	5	68	20.73	33	83.82					
13	46	14.02	22	55.88	6	70	21.34	33	83.82	***Syzygium cumini* / (JAMUN)**				
14	33	10.06	16	40.64	7	85	25.91	44	111.76	SL.	Height		Girth	
15	87	26.52	40	101.60	8	38	11.58	22	55.88	NO.	ft	m	inch	cm
16	30	9.14	19	48.26	9	18	5.49	16	40.64	1	87	26.52	54	137.16
17	45	13.72	22	55.88	10	36	10.97	19	48.26	2	46	14.02	22	55.88
18	45	13.72	25	63.50	11	20	6.10	12	30.48					
19	124	37.80	62	157.48	12	60	18.29	25	63.50					
20	24	7.32	11	27.94	13	56	17.07	29	73.66	***Alstonia scholaris* / (CHATIYAN)**				
21	36	10.97	20	50.80						SL.	Height		Girth	
22	38	11.58	25	63.50						NO.	ft	m	inch	cm
23	48	14.63	30	76.20	***Sterculia villosa* / (UDLA/ODAL)**					1	26	7.92	12	30.48
24	34	10.36	17	43.18	SL.	Height		Girth		2	165	50.29	130	330.20
25	35	10.67	25	63.50	NO.	ft	m	inch	cm	3	145	44.20	100	254.00
26	45	13.72	28	71.12	1	160	48.77	102	259.08					
27	18	5.49	10	25.40	2	75	22.86	30	76.20					
28	22	6.71	14	35.56	3	81	24.69	38	96.52	***Lagerstroemia parviflora* / (BAAJE/SIDHA)**				
29	30	9.14	12	30.48	4	132	40.23	72	182.88	SL.	Height		Girth	
30	40	12.19	15	38.10						NO.	ft	m	inch	cm
31	45	13.72	10	25.40						1	26	7.92	12	30.48
32	60	18.29	32	81.28	***Shorea robusta* / (SAL)**									
33	25	7.62	12	30.48	SL.	Height		Girth						
34	56	17.07	29	73.66	NO.	ft	m	inch	cm	***Vitex peduncularis* / (CHARAI GOURA)**				
35	46	14.02	21	53.34	1	70	21.34	29	73.66	SL.	Height		Girth	
36	55	16.76	31	78.74	2	60	18.29	25	63.50	NO.	ft	m	inch	cm
37	35	10.67	25	63.50	3	78	23.77	35	88.90	1	40	12.19	19	48.26
38	40	12.19	21	53.34	4	144	43.89	80	203.20	2	33	10.06	15	38.10
39	58	17.68	26	66.04	5	110	33.53	100	254.00	3	92	28.04	40	101.60
40	55	16.76	20	50.80	6	156	47.55	112	284.48	4	88	26.82	43	109.22

SANTALABARI

Terminalia bellirica / (BAHERA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	140	42.67	90	228.60
2	154	46.94	70	177.80
3	95	28.96	60	152.40
4	112	34.14	60	152.40
5	30	9.14	17	43.18
6	85	25.91	42	106.68
7	156	47.55	120	304.80
8	81	24.69	45	114.30
9	95	28.96	46	116.84
10	90	27.43	50	127.00
11	135	41.15	90	228.60
12	156	47.55	70	177.80
13	144	43.89	120	304.80
14	135	41.15	120	304.80

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	20	50.80
2	82	24.99	35	88.90
3	40	12.19	19	48.26
4	35	10.67	18	45.72
5	24	7.32	11	27.94
6	34	10.36	15	38.10
7	75	22.86	40	101.60
8	95	28.96	51	129.54

Oroxylum indicum / (TOTOLA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	74	22.56	30	76.20

Zanthoxylum armatum / (TIMBUR)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	45	13.72	22	55.88

Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	26	7.92	11	27.94
2	42	12.80	24	60.96
3	52	15.85	25	63.50
4	40	12.19	21	53.34
5	22	6.71	11	27.94
6	30	9.14	14	35.56
7	26	7.92	13	33.02
8	23	7.01	10	25.40
9	27	8.23	12	30.48
10	25	7.62	12	30.48
11	55	16.76	24	60.96
12	23	7.01	14	35.56
13	31	9.45	16	40.64
14	26	7.92	11	27.94
15	35	10.67	14	35.56
16	45	13.72	20	50.80
17	60	18.29	29	73.66
18	38	11.58	17	43.18
19	50	15.24	24	60.96
20	75	22.86	41	104.14
21	52	15.85	24	60.96
22	42	12.80	20	50.80
23	45	13.72	23	58.42
24	120	36.58	80	203.20
25	27	8.23	18	45.72
26	31	9.45	17	43.18
27	55	16.76	30	76.20
28	58	17.68	27	68.58
29	26	7.92	14	35.56
30	42	12.80	20	50.80
31	125	38.10	50	127.00
32	40	12.19	19	48.26
33	108	32.92	50	127.00
34	62	18.90	28	71.12
35	124	37.80	80	203.20

Tetrameles nudiflora / (MOYNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	54	16.46	22	55.88
2	25	7.62	11	27.94
3	30	9.14	13	33.02

Chukrasia tabularis / (CHIKRASI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	145	44.20	90	228.60
2	85	25.91	40	101.60
3	31	9.45	13	33.02

Dillenia pentagyna / (TATARI/RAY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	35	88.90

Albizia procera / (SADA SIRISH/SWET SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	33	10.06	15	38.10

Xylia xylocarpa / (LOHA KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	35	88.90

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	31	9.45	12	30.48

SANTALABARI

Santalabari SP 2

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	40	12.19	35	88.90	41	80	24.38	54	137.16	1	20	6.10	13	33.02
2	20	6.10	14	35.56	42	50	15.24	40	101.60	2	50	15.24	28	71.12
3	40	12.19	27	68.58	43	40	12.19	23	58.42	3	90	27.43	52	132.08
4	45	13.72	29	73.66	44	15	4.57	18	45.72	4	30	9.14	20	50.80
5	35	10.67	29	73.66	45	20	6.10	12	30.48	5	55	16.76	42	106.68
6	40	12.19	26	66.04	46	50	15.24	33	83.82	6	90	27.43	80	203.20
7	30	9.14	25	63.50	47	60	18.29	41	104.14	7	50	15.24	45	114.30
8	40	12.19	29	73.66	48	25	7.62	18	45.72					
9	30	9.14	24	60.96	49	15	4.57	17	43.18					
10	20	6.10	12	30.48	50	30	9.14	16	40.64					
11	60	18.29	40	101.60	51	15	4.57	12	30.48					
12	35	10.67	25	63.50	52	15	4.57	17	43.18					
13	70	21.34	46	116.84	53	30	9.14	18	45.72					
14	30	9.14	35	88.90	54	40	12.19	44	111.76					
15	25	7.62	15	38.10	55	12	3.66	11	27.94					
16	20	6.10	16	40.64	56	30	9.14	20	50.80					
17	70	21.34	37	93.98										
18	35	10.67	24	60.96										
19	30	9.14	16	40.64										
20	30	9.14	22	55.88										
21	30	9.14	13	33.02										
22	25	7.62	25	63.50										
23	40	12.19	22	55.88										
24	20	6.10	25	63.50										
25	15	4.57	10	25.40										
26	25	7.62	12	30.48										
27	40	12.19	16	40.64										
28	30	9.14	18	45.72										
29	60	18.29	30	76.20										
30	55	16.76	38	96.52										
31	35	10.67	21	53.34										
32	40	12.19	33	83.82										
33	40	12.19	48	121.92										
34	20	6.10	15	38.10										
35	35	10.67	45	114.30										
36	40	12.19	40	101.60										
37	50	15.24	47	119.38										
38	50	15.24	66	167.64										
39	50	15.24	31	78.74										
40	50	15.24	40	101.60										

***Syzygium cumini* / (JAMUN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02
2	50	15.24	28	71.12
3	90	27.43	52	132.08
4	30	9.14	20	50.80
5	55	16.76	42	106.68
6	90	27.43	80	203.20
7	50	15.24	45	114.30

***Terminalia belliric* a/ (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	96	243.84
2	100	30.48	50	127.00
3	30	9.14	18	45.72
4	110	33.53	96	243.84
5	140	42.67	76	193.04

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	25	63.50
2	140	42.67	70	177.80
3	20	6.10	12	30.48
4	40	12.19	18	45.72

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	46	116.84
2	30	9.14	17	43.18
3	50	15.24	58	147.32
4	30	9.14	14	35.56
5	110	33.53	17	43.18
6	80	24.38	55	139.70
7	30	9.14	16	40.64

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	80	203.20
2	110	33.53	121	307.34
3	130	39.62	92	233.68
4	50	15.24	32	81.28
5	30	9.14	16	40.64
6	50	15.24	18	45.72
7	150	45.72	88	223.52
8	20	6.10	14	35.56

***Toona hexandra* / (TOON/TUNI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	55	139.70
2	40	12.19	20	50.80
3	45	13.72	38	96.52
4	50	15.24	34	86.36
5	70	21.34	32	81.28
6	50	15.24	38	96.52

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***Monoon simiarum* / (LAAPCHE/SADA LAPCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	46	14.02	23	58.42
2	20	6.10	14	35.56
3	50	15.24	27	68.58
4	20	6.10	14	35.56

***Vitex peduncularis* / (CHARAI GOURA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	24	60.96
2	50	15.24	31	78.74

***Garuga pinnata* / (DABDABEY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	42	106.68
2	70	21.34	52	132.08
3	70	21.34	60	152.4

***Cassia fistula* / (SONALU/BANDARLATHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	30	9.14	15	38.10
3	100	30.48	54	137.16
4	50	15.24	31	78.74
5	30	9.14	26	66.04
6	40	12.19	12	30.48
7	30	9.14	12	30.48
8	60	18.29	46	116.84

***Zanthoxylum armatum* / (TIMBUR)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	50	15.24	33	83.82
3	50	15.24	34	86.36

***Shorea robusta* / (SAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	130	39.62	70	177.80
2	150	45.72	120	304.80
3	110	33.53	76	193.04
4	160	48.77	70	177.80
5	70	21.34	37	93.98
6	20	6.10	15	38.10
7	135	41.15	210	533.40
8	130	39.62	78	198.12
9	80	24.38	57	144.78
10	80	24.38	47	119.38
11	170	51.82	125	317.50
12	100	30.48	49	124.46
13	110	33.53	60	152.40
14	120	36.58	55	139.70
15	90	27.43	60	152.40
16	90	27.43	50	127.00
17	95	28.96	62	157.48
18	120	36.58	60	152.40
19	170	51.82	130	330.20
20	120	36.58	90	228.60
21	25	7.62	21	53.34

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	16	40.64

***Dillenia pentagyna* / (TATARI/RAY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	47	119.38
2	55	16.76	49	124.46

***Engelhardtia spicata* / (MAHUA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	60	152.40

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	17	43.18
2	50	15.24	20	50.80
3	50	15.24	24	60.96
4	70	21.34	55	139.70
5	30	9.14	16	40.64
6	150	45.72	56	142.24
7	35	10.67	16	40.64
8	30	9.14	19	48.26
9	60	18.29	53	134.62
10	50	15.24	32	81.28
11	30	9.14	18	45.72

***Amoora wallichii* / (DOODH LALI/LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	15	4.57	11	27.94
2	15	4.57	10	25.40
3	20	6.10	10	25.40
4	30	9.14	11	27.94
5	120	36.58	122	309.88
6	40	12.19	21	53.34
7	30	9.14	18	45.72
8	50	15.24	21	53.34
9	35	10.67	18	45.72

***Careya arborea* / (KUMBHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	23	58.42
2	40	12.19	29	73.66
3	60	18.29	55	139.70

***Premna bengalensi s*/ (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	48	121.92
2	70	21.34	72	182.88

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Alstonia scholaris / (CHATIYAN)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	110	279.40
2	120	36.58	90	228.60
3	150	45.72	180	457.20
4	80	24.38	50	127.00
5	30	9.14	18	45.72

Mallotus philippensis / (SINDURE/SINDOORI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	17	43.18

Polyalthia simiarum / (BHUTIA LAPCHE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	21	53.34
2	40	12.19	26	66.04

Tetrameles nudiflora / (MOYNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	114	289.56
2	140	42.67	150	381.00
3	30	9.14	19	48.26
4	110	33.53	120	304.80
5	30	9.14	12	30.48
6	30	9.14	16	40.64
7	140	42.67	110	279.40
8	35	10.67	15	38.10
9	30	9.14	18	45.72
10	40	12.19	22	55.88
11	80	24.38	30	76.20

Sterculia villosa / (UDLA/ODAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	28	71.12

Cephalanthus tetrandra / (KALI KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	15	38.10
2	20	6.10	15	38.10

Myrsine semiserrata / (PHALAME)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	15	38.10

SANTALABARI

Santalabari SP 5

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm
1	22	6.71	14	35.56	41	47	14.33	30	76.20
2	20	6.10	14	35.56	42	25	7.62	16	40.64
3	30	9.14	17	43.18	43	65	19.81	38	96.52
4	22	6.71	10	25.40	44	36	10.97	20	50.80
5	37	11.28	20	50.80	45	58	17.68	42	106.68
6	40	12.19	23	58.42	46	50	15.24	22	55.88
7	25	7.62	16	40.64	47	35	10.67	18	45.72
8	60	18.29	37	93.98	48	40	12.19	22	55.88
9	37	11.28	23	58.42	49	24	7.32	17	43.18
10	55	16.76	33	83.82	50	40	12.19	17	43.18
11	30	9.14	19	48.26	51	48	14.63	23	58.42
12	25	7.62	14	35.56	52	31	9.45	15	38.10
13	70	21.34	37	93.98	53	40	12.19	20	50.80
14	25	7.62	12	30.48	54	68	20.73	30	76.20
15	62	18.90	37	93.98	55	38	11.58	20	50.80
16	31	9.45	17	43.18	56	23	7.01	10	25.40
17	28	8.53	16	40.64	57	18	5.49	12	30.48
18	30	9.14	14	35.56	58	35	10.67	20	50.80
19	37	11.28	20	50.80	59	17	5.18	11	27.94
20	40	12.19	19	48.26	60	55	16.76	27	68.58
21	56	17.07	26	66.04					
22	31	9.45	15	38.10					
23	55	16.76	34	86.36					
24	80	24.38	48	121.92					
25	30	9.14	12	30.48					
26	73	22.25	40	101.60					
27	68	20.73	30	76.20					
28	26	7.92	16	40.64					
29	50	15.24	25	63.50					
30	58	17.68	32	81.28					
31	38	11.58	20	50.80					
32	28	8.53	17	43.18					
33	25	7.62	12	30.48					
34	75	22.86	40	101.60					
35	60	18.29	45	114.30					
36	22	6.71	16	40.64					
37	20	6.10	15	38.10					
38	42	12.80	27	68.58					
39	70	21.34	46	116.84					
40	38	11.58	27	68.58					

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	28	71.12

***Syzygium cumini* / (JAMUN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	68	20.73	42	106.68
2	110	33.53	64	162.56
3	23	7.01	10	25.40

***Alstonia scholaris* / (CHATIYAN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	160	48.77	140	355.60

***Monoon simiarum* / (LAAPCHE/SADA LAPCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	11	27.94

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	26	66.04
2	16	4.88	10	25.40
3	25	7.62	15	38.10
4	18	5.49	10	25.40
5	35	10.67	22	55.88

***Chisocheton cumingianus* / (HARA LALI/FALA LALI/FATA LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	22	6.71	12	30.48

***Sterculia villosa* / (UDLA/ODAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	135	41.15	105	266.70
2	112	34.14	65	165.10

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	110	33.53	55	139.70
2	92	28.04	52	132.08
3	85	25.91	60	152.40
4	90	27.43	50	127.00

***Oroxylum indicum* / (TOTOLA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	15	38.10

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Amoora rohituka / (LASOONI LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	41	104.14
2	33	10.06	16	40.64
3	68	20.73	27	68.58
4	41	12.50	20	50.80
5	52	15.85	24	60.96
6	70	21.34	30	76.20
7	46	14.02	21	53.34
8	21	6.40	14	35.56
9	30	9.14	19	48.26
10	35	10.67	25	63.50
11	152	46.33	70	177.80
12	24	7.32	15	38.10
13	25	7.62	17	43.18
14	37	11.28	22	55.88
15	40	12.19	25	63.50
16	65	19.81	30	76.20

Tetrameles nudiflora / (MOYNA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	40	101.60
2	20	6.10	12	30.48
3	25	7.62	16	40.64
4	35	10.67	21	53.34

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	16	40.64
2	64	19.51	40	101.60
3	75	22.86	56	142.24
4	152	46.33	84	213.36
5	92	28.04	65	165.10
6	70	21.34	40	101.60
7	52	15.85	32	81.28
8	35	10.67	17	43.18
9	75	22.86	41	104.14
10	64	19.51	30	76.20

Shorea robusta / (SAL)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	150	45.72	90	228.60
2	62	18.90	31	78.74
3	32	9.75	15	38.10
4	150	45.72	102	259.08
5	134	40.84	92	233.68
6	125	38.10	80	203.20
7	130	39.62	70	177.80
8	146	44.50	74	187.96
9	125	38.10	70	177.80
10	96	29.26	54	137.16
11	145	44.20	80	203.20
12	112	34.14	62	157.48
13	145	44.20	90	228.60
14	165	50.29	110	279.40
15	28	8.53	15	38.10

Dillenia pentagyna / (TATARI/RAY)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	73	22.25	59	149.86
2	65	19.81	46	116.84

Albizia procera / (SADA SIRISH/SWET SIRISH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	28	8.53	15	38.10
2	31	9.45	13	33.02

Randia dumetorum / (MOWKATA)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	14	35.56
2	22	6.71	14	35.56

Stereospermum tetragonum / (PARARI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	37	93.98
2	170	51.82	82	208.28
3	140	42.67	62	157.48
4	30	9.14	13	33.02
5	42	12.80	24	60.96
6	30	9.14	17	43.18
7	23	7.01	13	33.02
8	95	28.96	62	157.48
9	70	21.34	40	101.60
10	65	19.81	38	96.52
11	72	21.95	30	76.20
12	25	7.62	17	43.18
13	54	16.46	28	71.12
14	75	22.86	38	96.52
15	24	7.32	16	40.64
16	95	28.96	72	182.88
17	90	27.43	48	121.92
18	25	7.62	11	27.94
19	80	24.38	35	88.90
20	65	19.81	37	93.98
21	70	21.34	30	76.20

SANTALABARI

Santalabari SP 6

Holarrhena pubescens / (KHIRRA/KURCHI)										*Schima wallichii* / (CHILAUNEY/CHILONI)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	16	40.64	41	15	4.57	24	60.96	1	80	24.38	120	304.80
2	20	6.10	15	38.10	42	30	9.14	18	45.72	2	100	30.48	90	228.60
3	15	4.57	10	25.40	43	25	7.62	16	40.64	3	80	24.38	62	157.48
4	16	4.88	10	25.40	44	30	9.14	21	53.34	4	95	28.96	80	203.20
5	30	9.14	16	40.64	45	25	7.62	10	25.40	5	80	24.38	50	127.00
6	15	4.57	13	33.02	46	30	9.14	22	55.88	6	110	33.53	128	325.12
7	20	6.10	16	40.64	47	30	9.14	29	73.66	7	40	12.19	23	58.42
8	20	6.10	15	38.10	48	30	9.14	17	43.18	8	50	15.24	24	60.96
9	40	12.19	19	48.26	49	40	12.19	38	96.52	9	130	39.62	90	228.60
10	25	7.62	15	38.10	50	20	6.10	20	50.80	10	50	15.24	38	96.52
11	15	4.57	10	25.40						11	50	15.24	42	106.68
12	30	9.14	12	30.48						12	140	42.67	90	228.60
13	15	4.57	12	30.48	*Mallotus nudiflorus* / (PITHALI)					13	30	9.14	18	45.72
14	15	4.57	13	33.02	SL. NO.	Height		Girth		14	70	21.34	42	106.68
15	25	7.62	18	45.72		ft	m	inch	cm	15	50	15.24	26	66.04
16	65	19.81	47	119.38	1	50	15.24	35	88.90	16	50	15.24	30	76.20
17	45	13.72	28	71.12	2	70	21.34	22	55.88	17	50	15.24	29	73.66
18	50	15.24	25	63.50	3	25	7.62	18	45.72	18	50	15.24	35	88.90
19	50	15.24	36	91.44	4	20	6.10	29	73.66	19	50	15.24	28	71.12
20	40	12.19	30	76.20	5	60	18.29	42	106.68					
21	26	7.92	14	35.56	6	50	15.24	21	53.34	*Monoon simiarum* / (LAAPCHE/SADA LAPCHE)				
22	15	4.57	11	27.94	7	50	15.24	34	86.36					
23	25	7.62	15	38.10	8	15	4.57	10	25.40	SL. NO.	Height		Girth	
24	25	7.62	15	38.10	9	30	9.14	17	43.18		ft	m	inch	cm
25	20	6.10	13	33.02						1	30	9.14	14	35.56
26	70	21.34	50	127.00						2	20	6.10	10	25.40
27	45	13.72	35	88.90	*Syzygium cumini* / (JAMUN)					3	35	10.67	24	60.96
28	40	12.19	43	109.22	SL. NO.	Height		Girth						
29	20	6.10	14	35.56		ft	m	inch	cm	*Vitex peduncularis* / (CHARAI GOURA)				
30	40	12.19	24	60.96	1	20	6.10	14	35.56					
31	35	10.67	24	60.96						SL. NO.	Height		Girth	
32	70	21.34	26	66.04							ft	m	inch	cm
33	50	15.24	23	58.42	*Terminalia bellirica* / (BAHERA)					1	50	15.24	30	76.20
34	15	4.57	12	30.48	SL. NO.	Height		Girth		2	50	15.24	25	63.50
35	20	6.10	13	33.02		ft	m	inch	cm	3	30	9.14	22	55.88
36	25	7.62	16	40.64	1	100	30.48	50	127.00	4	30	9.14	15	38.10
37	50	15.24	22	55.88	2	60	18.29	40	101.60	5	20	6.10	11	27.94
38	50	15.24	21	53.34	3	95	28.96	72	182.88	6	25	7.62	12	30.48
39	30	9.14	17	43.18	4	70	21.34	26	66.04	7	25	7.62	20	50.80
40	50	15.24	21	53.34	5	50	15.24	30	76.20	8	20	6.10	12	30.48

SANTALABARI

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	35	10.67	15	38.10
2	110	33.53	86	218.44
3	35	10.67	28	71.12
4	30	9.14	21	53.34
5	30	9.14	12	30.48
6	30	9.14	12	30.48
7	120	36.58	90	28.60
8	30	9.14	15	38.10
9	40	12.19	27	68.58
10	40	12.19	30	76.20
11	30	9.14	17	43.18
12	30	9.14	15	38.10
13	50	15.24	30	76.20

***Shorea robusta* / (SAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	115	35.05	110	279.40
2	150	45.72	90	228.60
3	160	48.77	110	279.40
4	173	52.73	100	254.00
5	200	60.96	100	254.00
6	190	57.91	120	304.80
7	130	39.62	110	279.40
8	120	36.58	94	238.76
9	140	42.67	210	533.40
10	100	30.48	98	248.92

***Garuga pinnata* / (DABDABEY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	58	147.32

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	100	30.48	70	177.80

***Albizia chinensis* / (SIRISH)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	13	33.02

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	ft	m	nch	cm
1	35	0.67	21	3.34

***Cassia fistula* / (SONALU/BANDARLATHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	14	35.56
2	60	18.29	36	91.44

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	66	167.6

***Zanthoxylum armatum* / (TIMBUR)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	40	12.19	21	53.34

***Amoora wallichii* / (DOODH LALI/LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	11	27.94
2	50	15.24	24	60.96

***Careya arborea* / (KUMBHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	52	132.1
2	50	15.24	41	104.1

***Alstonia scholaris* / (CHATIYAN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	48	121.9
2	40	12.19	18	45.72
3	40	12.19	18	45.72

***Dillenia pentagyna* / (TATARI/RAY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	51	129.5

***Randia longispina* / (MOYNA KANTA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	22	55.88

***Tetrameles nudiflora* / (MOYNA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	20	50.80
2	40	12.19	19	48.26

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	48	121.9
2	50	15.24	38	96.52

***Mallotus philippensis* / (SINDURE/SINDOORI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	16	40.64
2	70	21.34	28	71.12
3	15	4.57	12	30.48

SANTALABARI

Pterospermum acerifolium / (HATIPYLA)					*Myrsine semiserrata* / (PHALAME)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm
1	50	15.24	16	40.64	1	130	39.62	110	279.40

Sterculia villosa / (UDLA/ODAL)					*Macaranga denticulata* / (MALETA)				
SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm
1	20	6.10	12	30.48	1	50	15.24	20	50.80
2	40	12.19	12	30.48	2	16	4.88	15	38.10

Cephalanthus tetrandra / (KALI KATH)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	70	21.34	18	45.72
2	40	12.19	16	40.64

Chukrasia tabularis / (CHIKRASI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	17	43.18

Chisocheton cumingianus / (HARA LALI/FALA LALI/FATA LALI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	50	15.24	41	104.1
2	40	12.19	24	60.96

Cinnamomum glaucescens/ (MALAGIRI)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	16	40.64

Machilus gamblei / (KAWLA/AMPATE)				
SL. NO.	Height		Girth	
	ft	m	inch	cm
1	20	6.10	13	33.02

SANTALABARI

Santalabari SP 9

***Holarrhena pubescens* / (KHIRRA/KURCHI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	55	16.76	29	73.66
2	65	19.81	31	78.74
3	24	7.32	12	30.48
4	22	6.71	10	25.40
5	35	10.67	17	43.18
6	68	20.73	34	86.36
7	82	24.99	40	101.60
8	50	15.24	35	88.90
9	28	8.53	17	43.18
10	38	11.58	29	73.66
11	40	12.19	30	76.20
12	18	5.49	10	25.40
13	16	4.88	10	25.40
14	31	9.45	20	50.80
15	22	6.71	13	33.02
16	18	5.49	11	27.94
17	38	11.58	23	58.42
18	23	7.01	10	25.40
19	32	9.75	15	38.10
20	18	5.49	10	25.40
21	21	6.40	12	30.48

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	54	16.46	27	68.58

***Syzygium cumini* / (JAMUN)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	26	66.04

***Vitex peduncularis* / (CHARAI GOURA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	10	25.40
2	42	12.80	21	53.34

***Turpinia pomifer* a/ (THALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	65	19.81	30	76.20

***Schima wallichii* / (CHILAUNEY/CHILONI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	30	9.14	15	38.10
2	154	46.94	106	269.24
3	24	7.32	12	30.48

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	122	37.19	60	152.40
2	112	34.14	80	203.20
3	150	45.72	164	416.56

***Amoora rohituka* / (LASOONI LALI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	88	26.82	50	127.00
2	60	18.29	28	71.12
3	20	6.10	10	25.40
4	34	10.36	17	43.18
5	25	7.62	17	43.18
6	72	21.95	50	127.00
7	58	17.68	38	96.52
8	68	20.73	40	101.60
9	25	7.62	11	27.94
10	22	6.71	12	30.48
11	60	18.29	35	88.90
12	70	21.34	50	127.00
13	82	24.99	40	101.60
14	65	19.81	39	99.06

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	25	7.62	13	33.02
2	21	6.40	12	30.48
3	28	8.53	15	38.10
4	22	6.71	10	25.40

***Monoon simiarum* / (LAAPCHE/SADA LAPCHE)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	36	10.97	20	50.80
2	24	7.32	12	30.48
3	20	6.10	10	25.40

***Shorea robusta* / (SAL)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	165	50.29	90	228.60
2	180	54.86	150	381.00
3	124	37.80	45	114.30
4	140	42.67	80	203.20
5	110	33.53	64	162.56
6	104	31.70	45	114.30
7	165	50.29	120	304.80
8	170	51.82	130	330.20
9	134	40.84	90	228.60
10	164	49.99	122	309.88

***Albizia procera* / (SADA SIRISH/SWET SIRISH)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	75	22.86	30	76.20
2	64	19.51	35	88.90
3	40	12.19	25	63.50
4	23	7.01	12	30.48

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	56	17.07	45	114.30

***Garuga pinnata* / (DABDABEY)**

SL. NO.	Height		Girth	
	ft	m	inch	cm
1	21	6.40	10	25.40

MENDABARI

Medabari SP 1

Callicarpa arborea/ **(BOGDO/KHODO/GOYLO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	53	16.15	36	91.44
2	72	21.95	54	137.16
3	87	26.52	44	111.76
4	122	37.19	60	152.40
5	104	31.70	38	96.52
6	85	25.91	47	119.38

Terminalia bellirica **/ (BAHERA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	106	32.31	62	157.48
2	82	24.99	25	63.50
3	96	29.26	32	81.28

Magnolia champaca/ **(CHAAMP)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	122	37.19	47	119.38
2	75	22.86	25	63.50
3	155	47.24	45	114.30
4	200	60.96	95	241.30

Dysoxylum binectarifolium/ **(LAHASUNE/RASUNE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	79	24.08	27	68.58
2	78	23.77	22	55.88

Elaeocarpus varuua/ **(BHADRASE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	102	31.09	49	124.46

Litsea glutinosa/ **(CHIMNI/LYADA/DHADA KAWLA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	42	106.68
2	76	23.16	28	71.12
3	75	22.86	23	58.42
4	43	13.11	11	27.94
5	50	15.24	10	25.40
6	100	30.48	35	88.90
7	110	33.53	28	71.12
8	70	21.34	23	58.42
9	76	23.16	28	71.12
10	78	23.77	32	81.28
11	64	19.51	19	48.26
12	62	18.90	25	63.50
13	75	22.86	53	134.62
14	64	19.51	34	86.36
15	76	23.16	38	96.52
16	60	18.29	26	66.04
17	58	17.68	49	124.46
18	47	14.33	20	50.80
19	68	20.73	45	114.30
20	47	14.33	25	63.50
21	53	16.15	21	53.34
22	58	17.68	29	73.66
23	70	21.34	45	114.30
24	103	31.39	69	175.26
25	85	25.91	53	134.62
26	76	23.16	43	109.22
27	96	29.26	42	106.68
28	92	28.04	43	109.22
29	87	26.52	45	114.30
30	60	18.29	24	60.96
31	55	16.76	23	58.42
32	75	22.86	27	68.58
33	86	26.21	36	91.44
34	80	24.38	37	93.98
35	120	36.58	41	104.14

Sterculia villosa/ **(UDLA/ODAL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	64	19.51	22	55.88
2	100	30.48	50	127.00
3	44	13.41	16	40.64
4	120	36.58	56	142.24
5	127	38.71	75	190.50
6	125	38.10	42	106.68
7	157	47.85	60	152.40
8	160	48.77	73	185.42
9	210	64.01	90	228.60
10	94	28.65	63	160.02
11	106	32.31	67	170.18
12	152	46.33	68	172.72
13	97	29.57	28	71.12
14	105	32.00	55	139.70
15	150	45.72	65	165.10
16	154	46.94	90	228.60
17	200	60.96	90	228.60
18	146	44.50	80	203.20
19	152	46.33	87	220.98
20	161	49.07	77	195.58
21	162	49.38	72	182.88
22	250	76.20	97	246.38
23	86	26.21	33	83.82
24	156	47.55	84	213.36
25	102	31.09	80	203.20
27	125	38.10	46	116.84
28	128	39.01	48	121.92
29	105	32.00	38	96.52

Chukrasia tabularis/ **(CHIKRASI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	85	215.90

Pterygota alata **/ (NARKELI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	21	53.34
2	87	26.52	26	66.04

MENDABARI

Ficus semicordata / (KHASRE/KUKATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	25	63.50
2	55	16.76	31	78.74
3	96	29.26	42	106.68
4	82	24.99	39	99.06
5	86	26.21	36	91.44
6	44	13.41	22	55.88
7	82	24.99	42	106.68

Neolamarckia cadamba / (KADAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	106	32.31	36	91.44
2	154	46.94	70	177.80
3	122	37.19	60	152.40
4	200	60.96	77	195.58
5	126	38.40	49	124.46
6	152	46.33	70	177.80
7	200	60.96	97	246.38
8	156	47.55	60	152.40
9	124	37.80	43	109.22
10	129	39.32	45	114.30
11	155	47.24	51	129.54
12	125	38.10	56	142.24
13	110	33.53	46	116.84

Premna bengalensis / (GINARI/GIDARI/DHOULI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	154	46.94	36	91.44

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	124	37.80	48	121.92
2	102	31.09	52	132.08
3	104	31.70	46	116.84
4	125	38.10	52	132.08

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	154	46.94	35	88.90
2	77	23.47	21	53.34
3	152	46.33	44	111.76
4	144	43.89	37	93.98
5	159	48.46	72	182.88
6	82	24.99	31	78.74
7	122	37.19	52	132.08
8	106	32.31	45	114.30
9	210	64.01	80	203.20
10	100	30.48	46	116.84
11	126	38.40	56	142.24

Oroxylum indicum/ (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	92	28.04	38	96.52
2	98	29.87	38	96.52
3	120	36.58	42	106.68

Amoora rohituka/ (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	88	26.82	31	78.74
2	128	39.01	69	175.26
3	46	14.02	22	55.88
4	104	31.70	53	134.62
5	126	38.40	51	129.54
6	88	26.82	36	91.44

Toona hexandra/ (TOON/TUNI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	99	30.18	38	96.52
2	92	28.04	36	91.44
3	110	33.53	32	81.28

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	154	46.94	60	152.40
2	129	39.32	55	139.70
3	120	36.58	46	116.84
4	124	37.80	57	144.78

Bombax ceiba/ (SIMUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	254	77.42	100	254.00
2	209	63.70	76	193.04
3	210	64.01	82	208.28

Syzygium cumini/ (JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	124	37.80	39	99.06
2	62	18.90	21	53.34
3	66	20.12	28	71.12
4	115	35.05	36	91.44
5	125	38.10	48	121.92

Litsea monopetala / (KULKULI/KUTMIRO/BON KATHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	32	81.28
2	84	25.60	35	88.90

Monoon simiarum/ (LAAPCHE/LAAPSHI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	44	13.41	15	38.10

MENDABARI

Mendabari SP 3

Callicarpa arborea/ (BOGDO/KHODO/GOYLO)

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	88	26.82	32	81.28
2	36	10.97	21	53.34
3	66	20.12	24	60.96
4	84	25.60	35	88.90
5	72	21.95	37	93.98
6	45	13.72	22	55.88
7	53	16.15	25	63.50
8	46	14.02	27	68.58

***Neolamarckia cadamba*/ (KADAM)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	72	21.95	32	81.28
2	75	22.86	38	96.52
3	27	8.23	18	45.72
4	71	21.64	32	81.28
5	46	14.02	35	88.90

***Terminalia bellirica*/ (BAHERA)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	85	25.9	46	116.84
2	105	32.0	65	165.10
3	92	28.0	53	134.62
4	130	39.6	76	193.04
5	96	29.3	58	147.32

***Dillenia indica*/ (CHALTA)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	110	33.53	62	157.48
2	95	28.96	53	134.62
3	97	29.57	48	121.92
4	85	25.91	64	162.56
5	105	32.00	82	208.28

Dillenia pentagyna/ (TATARI/RAY)

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	72	21.95	47	119.38
2	65	19.81	50	127.00
3	62	18.90	53	134.62
4	76	23.16	48	121.92
5	80	24.38	52	132.08
6	72	21.95	57	144.78

(LAIPANJI)

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	53	16.15	38	96.52
2	36	10.97	17	43.18
3	82	24.99	45	114.30
4	42	12.80	18	45.72
5	45	13.72	28	71.12
6	38	11.58	20	50.80
7	77	23.47	42	106.68
8	75	22.86	36	91.44
9	47	14.33	24	60.96

***Mallotus nudiflorus*/ (PITHALI)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	46	14.02	23	58.42
2	76	23.16	24	60.96
3	75	22.86	32	81.28
4	115	35.05	86	218.44
5	110	33.53	78	198.12
6	88	26.82	64	162.56
7	92	28.04	66	167.64

***Litsea glutinosa*/ (CHIMNI/LYADA/DHADA KAWLA)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	46	14.02	34	86.36

Amoora wallichii/ (DOODH LALI/LALI)

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	84	25.60	50	127.00
2	64	19.51	32	81.28
3	71	21.64	38	96.52
4	76	23.16	41	104.14
5	62	18.90	32	81.28
6	65	19.81	36	91.44
7	82	24.99	40	101.60
8	85	25.91	33	83.82

***Syzygium cumini*/ (JAM)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	124	37.80	84	213.36
2	86	26.21	63	160.02
3	85	25.91	65	165.10
4	112	34.14	68	172.72
5	115	35.05	76	193.04
6	96	29.26	54	137.16

***Lagerstroemia speciosa*/ (JARUL)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	52	15.85	20	50.80
2	65	19.81	32	81.28
3	68	20.73	25	63.50
4	54	16.46	28	71.12
5	46	14.02	24	60.96
6	110	33.53	87	220.98

***Xylia xylocarpa*/ (LOHA KATH)**

SL.NO.	Height(ft) (ft)	Height(ft) (m)	Girth (inch)	Girth (cm)
1	36	10.97	19	48.26
2	42	12.80	27	68.58

MENDABARI

Machilus gamblei / (KAWLA/AMPATE)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	31	9.45	18	45.72
2	52	15.85	35	88.90
3	68	20.73	25	63.50
4	72	21.95	34	86.36
5	75	22.86	30	76.20

Sterculia villosa / (UDLA/ODAL)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	74	22.56	42	106.68
2	65	19.81	40	101.60
3	60	18.29	27	68.58
4	65	19.81	28	71.12
5	60	18.29	24	60.96
6	78	23.77	44	111.76
7	75	22.86	20	50.80

Gmelina arborea/ (GAMAR/GAMARI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	30	76.20
2	74	22.56	34	86.36

Magnolia champaca / (CHAAMP)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	116	35.36	85	215.90
2	120	36.58	82	208.28
3	100	30.48	75	190.50
4	92	28.04	67	170.18
5	84	25.60	58	147.32
6	110	33.53	88	223.52

Bischofia javanica / (KAINJAL)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	53	16.15	26	66.04
2	84	25.60	37	93.98
3	80	24.38	46	116.84
4	72	21.95	28	71.12
5	75	22.86	33	83.82
6	86	26.21	45	114.30
7	94	28.65	67	170.18

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	97	29.57	72	182.88
2	85	25.91	62	157.48

Oroxylum indicum / (TOTOLA)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	57	144.78
2	64	19.51	46	116.84
3	65	19.81	45	114.30
4	62	18.90	33	83.82
5	83	25.30	48	121.92

Sloanea sterculiacea / (SADA KATUS/GOL KATUS)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	84	25.60	44	111.76
2	77	23.47	48	121.92
3	85	25.91	45	114.30
4	90	27.43	43	109.22
5	85	25.91	37	93.98
6	72	21.95	46	116.84
7	75	22.86	36	91.44
8	72	21.95	35	88.90
9	92	28.04	47	119.38
10	84	25.60	42	106.68

Castanopsis hystrix / (KATUS)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	67	20.42	23	58.42
2	72	21.95	24	60.96
3	84	25.60	32	81.28
4	76	23.16	27	68.58
5	55	16.76	32	81.28
6	62	18.90	34	86.36

Albizia chinensis/ (SIRISH)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	22	55.88
2	85	25.91	60	152.40
3	87	26.52	62	157.48
4	76	23.16	55	139.70
5	72	21.95	40	101.60
6	66	20.12	42	106.68

Ficus nervosa / (BAGNAL)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	64	19.51	42	106.68

Bombax ceiba / (SIMUL)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	83	210.82
2	100	30.48	68	172.72
3	105	32.00	72	182.88
4	110	33.53	76	193.04

Piliostigma malabaricum / (KANCHAN)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	85	25.91	60	152.40
2	97	29.57	65	165.10
3	116	35.36	105	266.70
4	72	21.95	48	121.92

MENDABARI

Schima wallichii/ (CHILAUNEY/CHILONI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	84	25.60	42	106.68
2	112	34.14	53	134.62
3	110	33.53	57	144.78
4	76	23.16	42	106.68
5	85	25.91	64	162.56
6	90	27.43	65	165.10

Shorea robusta / (SAL)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	135	41.15	62	157.48
2	140	42.67	76	193.04
3	112	34.14	72	182.88
4	118	35.97	84	213.36

Alstonia scholaris/ (CHATIYAN)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	120	36.58	86	218.44
2	115	35.05	82	208.28
3	117	35.66	72	182.88
4	86	26.21	67	170.18

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	22	55.88
2	37	11.28	27	68.58
3	48	14.63	30	76.20
4	56	17.07	33	83.82
5	82	24.99	40	101.60
6	32	9.75	16	40.64

Chukrasia tabularis / (CHIKRASI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	92	28.04	66	167.64
2	82	24.99	62	157.48
3	120	36.58	92	233.68

Premna bengalensis/ (GINARI/GIDARI/DHOULI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	36	91.44

Baccaurea ramiflora/ (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	23	58.42
2	66	20.12	28	71.12
3	32	9.75	17	43.18
4	82	24.99	41	104.14
5	96	29.26	52	132.08
6	62	18.90	40	101.60
7	65	19.81	38	96.52
8	76	23.16	44	111.76

Knema erratica / (RAMGUA)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	48	121.92

Litsea monopetala / (KULKULI/KUTMIRO/BON KATHALI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	20	50.80

Toona hexandra/ (TOON/TUNI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	85	25.91	52	132.08
2	92	28.04	55	139.70
3	84	25.60	48	121.92
4	52	15.85	26	66.04
5	104	31.70	72	182.88

Pterygota alata/ (NARKELI)				
SL.NO.	Height(ft)		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	36	91.44

MENDABARI

Mendabari SP 7

Sloanea sterculiacea / (SADA KATUS/GOL KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	36	91.44
2	48	14.63	39	99.06
3	53	16.15	36	91.44
4	48	14.63	33	83.82
5	25	7.62	18	45.72
6	42	12.80	22	55.88
7	45	13.72	23	58.42
8	73	22.25	41	104.14
9	98	29.87	67	170.18
10	65	19.81	33	83.82
11	110	33.53	52	132.08
12	42	12.80	27	68.58
13	62	18.90	41	104.14
14	52	15.85	25	63.50
15	54	16.46	30	76.20
16	60	18.29	32	81.28
17	65	19.81	32	81.28
18	53	16.15	31	78.74
19	43	13.11	22	55.88
20	56	17.07	31	78.74
21	40	12.19	28	71.12
22	65	19.81	38	96.52
23	67	20.42	38	96.52
24	82	24.99	53	134.62
25	86	26.21	56	142.24
26	34	10.36	17	43.18
27	55	16.76	28	71.12
28	52	15.85	33	83.82
29	63	19.20	32	81.28
30	72	21.95	41	104.14
31	84	25.60	45	114.30
32	62	18.90	30	76.20

Sterculia villosa / (UDLA/ODAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	26	66.04
2	75	22.86	50	127.00
3	88	26.82	51	129.54
4	48	14.63	42	106.68
5	85	25.91	62	157.48
6	55	16.76	30	76.20
7	56	17.07	32	81.28
8	65	19.81	48	121.92
9	84	25.60	54	137.16
10	85	25.91	56	142.24
11	106	32.31	67	170.18
12	37	11.28	16	40.64
13	112	34.14	82	208.28
14	42	12.80	30	76.20
15	66	20.12	42	106.68
16	72	21.95	45	114.30
17	75	22.86	38	96.52
18	92	28.04	65	165.10
19	112	34.14	70	177.80
20	108	32.92	72	182.88
21	58	17.68	35	88.90
22	42	12.80	19	48.26
23	68	20.73	42	106.68
24	65	19.81	40	101.60
25	95	28.96	72	182.88
26	45	13.72	33	83.82
27	76	23.16	35	88.90
28	72	21.95	47	119.38
29	68	20.73	48	121.92
30	42	12.80	25	63.50
31	75	22.86	72	182.88
32	72	21.95	43	109.22
33	85	25.91	51	129.54
34	86	26.21	60	152.40

Toona hexandra/ (TOON/TUNI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	50	127.00
2	84	25.60	47	119.38
3	62	18.90	33	83.82
4	56	17.07	88	223.52

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	27	68.58
2	46	14.02	26	66.04
3	55	16.76	37	93.98
4	80	24.38	56	142.24
5	68	20.73	42	106.68
6	47	14.33	22	55.88

Dysoxylum binectarifolium / (LAHASUNE/RASUNE)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	75	22.86	48	121.92
2	62	18.90	36	91.44
3	25	7.62	17	43.18
4	110	33.53	71	180.34

(LAIPANJI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	28	71.12
2	52	15.85	37	93.98
3	58	17.68	33	83.82
4	50	15.24	29	73.66
5	54	16.46	33	83.82

Syzygium cumini / (JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	46	14.02	20	50.80
2	38	11.58	20	50.80

Trema tomentosa / (SADA GIGNI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	25	63.50

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	17	43.18

MENDABARI

Neolamarckia cadamba / (KADAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	60	152.40
2	110	33.53	75	190.50
3	85	25.91	62	157.48
4	55	16.76	33	83.82
5	82	24.99	80	203.20
6	76	23.16	44	111.76
7	47	14.33	53	134.62
8	96	29.26	65	165.10
9	82	24.99	44	111.76
10	92	28.04	68	172.72
11	60	18.29	42	106.68
12	72	21.95	45	114.30

Callicarpa arborea/ (BOGDO/KHODO/GOYLO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	63	160.02
2	65	19.81	48	121.92
3	113	34.44	70	177.80
4	63	19.20	41	104.14
5	72	21.95	43	109.22
6	85	25.91	52	132.08
7	56	17.07	35	88.90
8	72	21.95	40	101.60
9	84	25.60	56	142.24
10	76	23.16	55	139.70
11	51	15.54	33	83.82
12	64	19.51	43	109.22

Casearia vareca/ (SADA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	26	7.92	18	45.72
2	62	18.90	35	88.90

Baccaurea ramiflora/ (KUSUM/LOTKA/NOTKO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	18	45.72
2	38	11.58	14	35.56
3	42	12.80	22	55.88
4	48	14.63	25	63.50
5	72	21.95	38	96.52

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	28	71.12

Litsea monopetala / (KULKULI/KUTMIRO/BON KATHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	36	10.97	19	48.26
2	46	14.02	28	71.12
3	53	16.15	38	96.52
4	47	14.33	25	63.50

Lagerstroemia speciosa/ (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	26	66.04
2	57	17.37	32	81.28
3	62	18.90	38	96.52
4	65	19.81	40	101.60
5	40	12.19	21	53.34
6	57	17.37	27	68.58

Castanopsis indica/ (KALA KATUS/DHALNEY KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	88	26.82	65	165.10
2	105	32.00	67	170.18

Knema erratica/ (RAMGUA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12.19	53	134.62

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	30	76.20
2	38	11.58	20	50.80
3	86	26.21	53	134.62
4	88	26.82	48	121.92
5	92	28.04	55	139.70
6	72	21.95	32	81.28

Dillenia pentagyna / (TATARI/RAY)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	43	109.22
2	68	20.73	47	119.38

Oroxylum indicum/ (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	54	16.46	30	76.20
2.00	62	18.90	40	101.60

Bauhinia malabarica / (KARMAI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	47	14.33	35	88.90

Premna bengalensis / (GINARI/GIDARI/DHOULI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	78	23.77	62	157.48

Macaranga denticulata / (MALETA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	50	127.00

***Magnolia champaca* / (CHAAMP)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	175	53.34	110	279.40
2	105	32.00	127	322.58

***Elaeocarpus varuua* / (BHADRASE)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	52	15.85	25	63.50

***Syzygium jambolanum* / (KADA JAM)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	40	12.19	22	55.88

***Machilus gamblei* / (KAWLA/AMPATE)**				
SL.NO.	**Height**		**Girth**	
	(ft)	**(m)**	**(inch)**	**(cm)**
1	72	21.95	43	109.22
2	106	32.31	84	213.36

MENDABARI

Mendabari SP 9

Sloanea sterculiacea / (SADA KATUS/GOL KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	35	88.90
2	62	18.90	41	104.14
3	65	19.81	20	50.80
4	75	22.86	35	88.90
5	28	8.53	22	55.88
6	32	9.75	28	71.12
7	25	7.62	20	50.80
8	26	7.92	16	40.64
9	38	11.58	22	55.88
10	40	12.19	20	50.80
11	40	12.19	22	55.88
12	42	12.80	24	60.96
13	82	24.99	33	83.82
14	65	19.81	26	66.04
15	72	21.95	38	96.52
16	85	25.91	42	106.68
17	40	12.19	18	45.72
18	65	19.81	47	119.38
19	80	24.38	54	137.16

Litsea monopetala / (KULKULI/KUTMIRO/BON KATHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	35	10.67	21	53.34
2	38	11.58	25	63.50

Magnolia champaca/ (CHAAMP)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	130	330.20
2	120	36.58	110	279.40
3	75	22.86	46	116.84

Amoora wallichii / (DOODH LALI/LALI)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	55	16.76	16	40.64
2	62	18.90	18	45.72
3	75	22.86	24	60.96
4	60	18.29	22	55.88

Machilus gamblei/ (KAWLA/AMPATE)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	47	14.33	32	81.28
2	28	8.53	18	45.72

Castanopsis indica/ (KALA KATUS/DHALNEY KATUS)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	86	26.21	120	304.80

Cinnamomum bejolghota / (JUNGLI TEJPATA)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	35	10.67	22	55.88

Dillenia indica / (CHALTA)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	55	17	22	56
2	60	18	24	61
3	65	20	28	71
4	70	21	25	64
5	72	22	32	81
6	85	26	36	91

Mallotus nudiflorus / (PITHALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	50	127.00
2	68	20.73	41	104.14
3	75	22.86	51	129.54
4	32	9.75	25	63.50
5	42	12.80	28	71.12
6	67	20.42	35	88.90
7	46	14.02	22	55.88
8	77	23.47	43	109.22
9	74	22.56	40	101.60
10	76	23.16	41	104.14
11	84	25.60	51	129.54
12	52	15.85	37	93.98
13	84	25.60	48	121.92
14	105	32.00	56	142.24
15	94	28.65	72	182.88
16	72	21.95	44	111.76
17	110	33.53	65	165.10
18	92	28.04	75	190.50
19	106	32.31	86	218.44
20	110	33.53	84	213.36
21	128	39.01	104	264.16
22	135	41.15	55	139.70
23	85	25.91	67	170.18
24	96	29.26	72	182.88
25	102	31.09	85	215.90

Oroxylum indicum/ (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	40	12	32	81
2	72	22	58	147
3	65	20	42	107

Gmelina arborea / (GAMAR/GAMARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	13	31	79

Bombax ceiba / (SIMUL)				
	Height		Girth	
SL.NO.	(ft)	(m)	(inch)	(cm)
1	96	29	175	445

MENDABARI

Toona hexandra / (TOON/TUNI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	46	14.02	26	66.04
2	72	21.95	50	127.00
3	82	24.99	28	71.12
4	42	12.80	18	45.72
5	84	25.60	54	137.16
6	36	10.97	17	43.18
7	62	18.90	27	68.58

(LAIPANJI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	22	55.88
2	40	12.19	26	66.04
3	42	12.80	26	66.04
4	56	17.07	22	55.88
5	52	15.85	20	50.80
6	65	19.81	22	55.88
7	76	23.16	25	63.50
8	47	14.33	18	45.72

Lagerstroemia speciosa / (JARUL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15.24	52	132.08
2	65	19.81	40	101.60
3	70	21.34	43	109.22
4	52	15.85	35	88.90
5	48	14.63	27	68.58
6	84	25.60	38	96.52
7	95	28.96	55	139.70
8	80	24.38	37	93.98
9	84	25.60	60	152.40
10	52	15.85	32	81.28

Stereospermum tetragonum / (PARARI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	45	13.72	22	55.88
2	82	24.99	58	147.32
3	62	18.90	27	68.58
4	65	19.81	30	76.20
5	72	21.95	44	111.76

Bischofia javanica / (KAINJAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	72	21.95	38	96.52

Terminalia bellirica/ (BAHERA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	110	34	65	165
2	120	37	75	191
3	125	38	84	213
4	96	29	65	165
5	84	26	50	127
6	110	34	55	140

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	60	152.40
2	45	13.72	19	48.26
3	25	7.62	16	40.64
4	76	23.16	40	101.60
5	96	29.26	52	132.08
6	62	18.90	60	152.40
7	72	21.95	41	104.14

Sterculia villosa/ (UDLA/ODAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	23	58.42
2	87	26.52	60	152.40
3	110	33.53	66	167.64
4	96	29.26	68	172.72
5	98	29.87	60	152.40
6	78	23.77	56	142.24
7	105	32.00	70	177.80
8	76	23.16	47	119.38
9	88	26.82	63	160.02
10	96	29.26	52	132.08
11	87	26.52	47	119.38
12	74	22.56	56	142.24
13	82	24.99	54	137.16
14	72	21.95	50	127.00
15	72	21.95	47	119.38
16	65	19.81	48	121.92
17	77	23.47	32	81.28
18	84	25.60	38	96.52
19	86	26.21	53	134.62
20	92	28.04	42	106.68
21	82	24.99	35	88.90
22	65	19.81	32	81.28
23	73	22.25	36	91.44
24	46	14.02	27	68.58
25	58	17.68	42	106.68
26	65	19.81	40	101.60

Neolamarckia cadamba/ (KADAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	85	26	68	173
2	92	28	43	109
3	84	26	47	119
4	75	23	43	109
5	96	29	41	104

MENDABARI

Callicarpa arborea / (BOGDO/KHODO/GOYLO)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	60	18.29	32	81.28
2	72	21.95	28	71.12
3	70	21.34	35	88.90
4	56	17.07	27	68.58
5	68	20.73	40	101.60
6	70	21.34	42	106.68
7	40	12.19	22	55.88
8	65	19.81	36	91.44
9	6	1.83	43	109.22
10	35	10.67	18	45.72
11	42	12.80	25	63.50
12	46	14.02	26	66.04
13	75	22.86	30	76.20
14	65	19.81	32	81.28
15	58	17.68	24	60.96
16	62	18.90	26	66.04
17	63	19.20	33	83.82
18	60	18.29	32	81.28
19	54	16.46	30	76.20
20	56	17.07	24	60.96

Albizia chinensis/ (SIRISH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	63	19	37	20
2	30	9	18	46

Syzygium cumini / (JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	50	15	28	71
2	45	14	26	66
3	125	38	75	191
4	72	22	37	94
5	84	26	62	157
6	106	32	74	188
7	92	28	68	173

Casearia vareca / (SADA LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	67	20	42	107
2	36	11	16	41
3	42	13	27	69
4	74	23	38	97
5	84	26	42	107

Chukrasia tabularis / (CHIKRASI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	135	41.15	73	185.42
2	120	36.58	82	208.28
3	110	33.53	72	182.88
4	85	25.91	66	167.64
5	84	25.60	67	170.18

Shorea robusta/ (SAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	82	208.28
2	135	41.15	105	266.70
3	96	29.26	106	269.24
4	90	27.43	72	182.88

MENDABARI

Mendabari SP 10

Sterculia villosa / (UDLA/ODAL)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	150	45.72	72	182.88
2	150	45.72	60	152.40
3	100	30.48	31	78.74
4	150	45.72	48	121.92
5	200	60.96	60	152.40
6	100	30.48	37	93.98
7	80	24.38	33	83.82
8	80	24.38	60	152.40
9	150	45.72	41	104.14
10	80	24.38	32	81.28
11	80	24.38	55	139.70
12	150	45.72	60	152.40
13	142	43.28	44	111.76
14	123	37.49	39	99.06
15	119	36.27	43	109.22
16	155	47.24	49	124.46
17	111	33.83	31	78.74
18	112	34.14	28	71.12
19	88	26.82	32	81.28
20	122	37.19	35	88.90
21	66	20.12	27	68.58
22	113	34.44	17	43.18
23	66	20.12	30	76.20
24	100	30.48	33	83.82
25	54	16.46	17	43.18
26	87	26.52	60	152.40
27	133	40.54	50	127.00
28	87	26.52	60	152.40
29	155	47.24	46	116.84
30	86	26.21	44	111.76
31	102	31.09	70	177.80
32	115	35.05	60	152.40
33	122	37.19	34	86.36
34	212	64.62	60	152.40
35	122	37.19	60	152.40
36	89	27.13	32	81.28

Magnolia champaca / (CHAAMP)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	212	64.62	120	304.80
2	252	76.81	122	309.88
3	251	76.50	129	327.66
4	202	61.57	111	281.94
5	206	62.79	136	345.44
6	207	63.09	110	279.40
7	255	77.72	122	309.88
8	221	67.36	126	320.04
9	202	61.57	112	284.48
10	258	78.64	122	309.88
11	206	62.79	109	276.86
12	211	64.31	118	299.72
13	242	73.76	122	309.88
14	258	78.64	114	289.56
15	238	72.54	112	284.48

Amoora rohituka / (LASOONI LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	66	20.12	23	58.42
2	88	26.82	38	96.52
3	112	34.14	39	99.06
4	114	34.75	43	109.22
5	85	25.91	46	116.84
6	99	30.18	35	88.90
7	67	20.42	19	48.26
8	52	15.85	27	68.58
9	100	30.48	39	99.06
10	66	20.12	23	58.42
11	62	18.90	21	53.34
12	55	16.76	12	30.48

Oroxylum indicum/ (TOTOLA)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	102	31	35	89
2	112	34	35	89
3	104	32	36	91

Ficus semicordata / (KHASRE/KUKATH)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	29	73.66
2	66	20.12	37	93.98
3	44	13.41	14	35.56
4	159	48.46	60	152.40
5	87	26.52	33	83.82
6	122	37.19	60	152.40
7	111	33.83	40	101.60
8	46	14.02	12	30.48
9	88	26.82	26	66.04
10	86	26.21	18	45.72
11	67	20.42	16	40.64
12	44	13.41	17	43.18

Castanopsis hystrix / (KATUS)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	122	37.19	71	180.34
2	88	26.82	30	76.20
3	112	34.14	90	228.60
4	156	47.55	112	284.48
5	121	36.88	114	289.56
6	84	25.60	37	93.98
7	77	23.47	35	88.90
8	120	36.58	61	154.94

Syzygium cumini / (JAM)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	25	21	53
2	84	26	29	74

Amoora wallichii / (DOODH LALI/LALI)				
SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	25	17	43
2	89	27	19	48
3	55	17	16	41

MENDABARI

***Terminalia chebula*/ (HARRA/HORITOKI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	104	32	144	366

***Callicarpa arborea*/ (BOGDO/KHODO/GOYLO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	25	27	69
2	64	20	23	58
3	102	31	51	130
4	106	32	45	114
5	55	17	45	114
6	108	33	60	152
7	61	19	35	89

***Machilus gamblei* / (KAWLA/AMPATE)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	25	22	56
2	84	26	27	69

***Schima wallichii*/ (CHILAUNEY/CHILONI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	48	70	178
2	102	31	45	114

***Stereospermum tetragonum* / (PARARI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	152	46	51	130
2	105	32	30	76
3	66	20	18	46
4	155	47	65	165

***Pterygota alata* / (NARKELI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	106	32.31	23	58.42

***Mallotus nudiflorus* / (PITHALI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	155	47	47	119
2	102	31	42	107
3	56	17	19	48
4	77	23	36	91
5	66	20	20	51
6	67	20	16	41
7	44	13	14	36

***Macaranga denticulata*/ (MALETA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	66	20	26	66

***Ilex godajam*/ (HATISURA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	102	31.09	24	60.96

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	121	36.88	36	91.44

***Lagerstroemia speciosa*/ (JARUL)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	86	26.21	22	55.88

***Baccaurea ramiflora* / (KUSUM/LOTKA/NOTKO)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	19	48.26
2	44	13.41	13	33.02

***Premna bengalensis* / (GINARI/GIDARI/DHOULI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	81	24.69	23	58.42

***Terminalia bellirica* / (BAHERA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	104	31.70	51	129.54

***Alstonia scholaris* / (CHATIYAN)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	121	36.88	38	96.52

***Neolamarckia cadamba* / (KADAM)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	202	61.57	60	152.40
2	154	46.94	80	203.20
3	156	47.55	60	152.40

***Litsea glutinosa*/ (CHIMNI/LYADA/DHADA KAWLA)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	46	14.02	14	35.56

***Toona hexandra* / (TOON/TUNI)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	121	36.88	37	93.98

***Dillenia pentagyna* / (TATARI/RAY)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	122	37.19	32	81.28

TITI

Titi SP 1

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	18	5.49	12	30.48
2	18	5.49	12	30.48
3	16	4.88	13	33.02
4	18	5.49	11	27.94
5	21	6.40	14	35.56
6	22	6.71	16	40.64
7	30	9.14	16	40.64
8	28	8.53	17	43.18
9	16	4.88	12	30.48
10	25	7.62	16	40.64
11	30	9.14	18	45.72
12	18	5.49	13	33.02
13	65	19.81	32	81.28
14	37	11.28	21	53.34
15	12	3.66	11	27.94
16	72	21.95	65	165.10
17	35	10.67	32	81.28
18	24	7.32	14	35.56
19	30	9.14	22	55.88
20	36	10.97	21	53.34
21	18	5.49	13	33.02
22	65	19.81	12	30.48
23	37	11.28	16	40.64
24	12	3.66	30	76.20
25	72	21.95	65	165.10
26	35	10.67	32	81.28
27	24	7.32	14	35.56
28	30	9.14	22	55.88
29	36	10.97	21	53.34
30	18	5.49	13	33.02
31	18	5.49	12	30.48
32	30	9.14	16	40.64
33	42	12.80	30	76.20
34	38	11.58	22	55.88
35	56	17.07	26	66.04
36	47	14.33	20	50.80
37	26	7.92	14	35.56
38	28	8.53	18	45.72
39	38	11.58	16	40.64
40	22	6.71	15	38.10

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	20	6.10	16	40.64
2	18	5.49	12	30.48
3	24	7.32	17	43.18
4	15	4.57	11	27.94
5	28	8.53	16	40.64
6	30	9.14	22	55.88
7	15	4.57	11	27.94
8	16	4.88	11	27.94
9	20	6.10	13	33.02
10	42	12.80	21	53.34
11	45	13.72	20	50.80
12	45	13.72	22	55.88
13	52	15.85	30	76.20
14	55	16.76	32	81.28
15	25	7.62	15	38.10
16	18	5.49	12	30.48
17	47	14.33	42	106.68
18	52	15.85	45	114.30
19	46	14.02	32	81.28
20	30	9.14	18	45.72
21	62	18.90	42	106.68
22	28	8.53	16	40.64
23	42	12.80	20	50.80

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	37	11.28	33	83.82
2	45	13.72	36	91.44
3	52	15.85	43	109.22
4	20	6.10	35	88.90
5	87	26.52	60	152.40
6	65	19.81	52	132.08
7	53	16.15	22	55.88
8	42	12.80	46	116.84

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	72	182.88
2	65	19.81	67	170.18
3	76	23.16	45	114.30

TITI

***Dysoxylum binectariferum* / (LAHASUNE/RASUNE)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	42	12.80	29	73.66

***Terminalia bellirica* / (BAHERA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	48	121.92

***Bischofia javanica* / (KAINJAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	36	91.44

***Bombax ceiba* / (SIMUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	225	571.50
2	130	39.62	160	406.40

***Flacourtia jangomas* / (PYNAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	48	14.63	32	81.28
2	50	15.24	40	101.60
3	75	22.86	62	157.48

***Mallotus philippensis* / (SINDURE/SINDOOR)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	32	9.75	26	66.04

***Alstonia scholaris* / (CHATIYAAN)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	52	15.85	25	63.50
2	50	15.24	46	116.84

***Ficus religiosa* / (PIPAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	105	32.00	92	233.68

TITI

Titi SP 2

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	62	18.90	46	116.84
2	46	14.02	33	83.82
3	49	14.94	37	93.98
4	52	15.85	35	88.90
5	51	15.54	29	73.66
6	59	17.98	31	78.74
7	58	17.68	36	91.44
8	102	31.09	46	116.84
9	89	27.13	42	106.68
10	112	34.14	67	170.18
11	112	34.14	42	106.68
12	62	18.90	24	60.96
13	63	19.20	29	73.66
14	102	31.09	49	124.46
15	114	34.75	46	116.84

***Bombax ceiba* / (SIMUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	186	56.69	56	142.24
2	221	67.36	86	218.44
3	216	65.84	87	220.98
4	217	66.14	69	175.26
5	220	67.06	78	198.12
6	241	73.46	75	190.50
7	244	74.37	82	208.28
8	197	60.05	71	180.34

***Premna bengalensis* / (GINARI/GIDHARI/DHOULI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	69	21.03	35	88.90
2	41	12.50	32	81.28
3	111	33.83	46	116.84
4	152	46.33	56	142.24
5	86	26.21	46	116.84

***Ficus carica* / (DUMBER)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	196	59.74	56	142.24

***Xylia xylocarpa* / (LOHA KATH)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	82	24.99	46	116.84
2	98	29.87	38	96.52
3	98	29.87	32	81.28

***Amoora wallichii* / (DOODH LALI/LALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	46	14.02	18	45.72
2	47	14.33	19	48.26
3	49	14.94	18	45.72
4	51	15.54	21	53.34
5	67	20.42	24	60.96
6	62	18.90	22	55.88
7	72	21.95	26	66.04

***Terminalia myriocarpa* / (PANISAJ/PANISAL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	142	43.28	56	142.24
2	148	45.11	47	119.38
3	156	47.55	44	111.76
4	109	33.22	38	96.52
5	126	38.40	27	68.58
6	112	34.14	35	88.90
7	102	31.09	46	116.84

***Acacia catechu* / (KHAYER)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	157	47.85	46	116.84

***Cordia myxa* / (BODHER)**

SL.NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	66	20.12	46	116.84
2	77	23.47	36	91.44
3	62	18.90	45	114.30
4	55	16.76	28	71.12
5	52	15.85	32	81.28
6	46	14.02	32	81.28
7	124	37.80	62	157.48
8	196	59.74	57	144.78
9	52	15.85	48	121.92
10	112	34.14	62	157.48
11	116	35.36	61	154.94
12	112	34.14	36	91.44

***Neolamarckia cadamba* / (KADAM)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	146	44.50	39	99.06
2	87	26.52	45	114.30
3	151	46.02	52	132.08
4	155	47.24	42	106.68
5	175	53.34	56	142.24
6	129	39.32	41	104.14
7	102	31.09	34	86.36
8	106	32.31	41	104.14
9	104	31.70	53	134.62
10	102	31.09	31	78.74
11	112	34.14	52	132.08
12	102	31.09	28	71.12
13	116	35.36	46	116.84
14	112	34.14	59	149.86
15	116	35.36	76	193.04

***Stereospermum tetragonum* / (PARARI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	112	34.14	62	157.48
2	112	34.14	61	154.94
3	102	31.09	57	144.78

***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	146	44.50	62	157.48
2	96	29.26	57	144.78
3	157	47.85	48	121.92
4	52	15.85	17	43.18
5	58	17.68	32	81.28
6	53	16.15	19	48.26
7	92	28.04	22	55.88
8	89	27.13	28	71.12
9	92	28.04	31	78.74
10	150	45.72	36	91.44
11	96	29.26	40	101.60
12	150	45.72	48	121.92
13	87	26.52	32	81.28
14	150	45.72	42	106.68
15	112	34.14	41	104.14
16	122	37.19	42	106.68
17	111	33.83	72	182.88
18	87	26.52	33	83.82
19	92	28.04	34	86.36
20	76	23.16	38	96.52
21	59	17.98	23	58.42
22	176	53.64	76	193.04
23	51	15.54	21	53.34
24	152	46.33	44	111.76
25	56	17.07	16	40.64
26	116	35.36	32	81.28
27	121	36.88	29	73.66
28	96	29.26	31	78.74
29	112	34.14	33	83.82

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	55	16.76	22	55.88
2	56	17.07	22	55.88
3	59	17.98	19	48.26
4	112	34.14	61	154.94
5	122	37.19	36	91.44
6	102	31.09	35	88.90
7	109	33.22	30	76.20
8	104	31.70	46	116.84
9	116	35.36	76	193.04
10	104	31.70	36	91.44
11	109	33.22	38	96.52
12	102	31.09	41	104.14
13	67	20.42	26	66.04
14	79	24.08	34	86.36

***Lannea coromandelica* / (JIGA/JEOL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	156	47.55	67	170.18

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***Mallotus nudiflorus* / (PITHALI)**

SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)		(ft)	(m)	(inch)	(cm)
1	62	18.90	42	106.68	41	84	25.60	22	55.88	81	54	16.46	35	88.90
2	20	6.10	11	27.94	42	65	19.81	56	142.24	82	35	10.67	30	76.20
3	25	7.62	16	40.64	43	54	16.46	28	71.12	83	32	9.75	18	45.72
4	22	6.71	11	27.94	44	27	8.23	27	68.58	84	48	14.63	16	40.64
5	61	18.59	24	60.96	45	22	6.71	13	33.02	85	17	5.18	24	60.96
6	72	21.95	46	116.84	46	34	10.36	15	38.10	86	12	3.66	12	30.48
7	12	3.66	10	25.40	47	56	17.07	17	43.18	87	16	4.88	10	25.40
8	94	28.65	62	157.48	48	63	19.20	29	73.66	88	13	3.96	10	25.40
9	78	23.77	52	132.08	49	64	19.51	36	91.44					
10	36	10.97	16	40.64	50	58	17.68	27	68.58					
11	34	10.36	18	45.72	51	48	14.63	35	88.90	***Oroxylum indicum* / (TOTOLA)**				
12	67	20.42	35	88.90	52	47	14.33	24	60.96	SL. NO.	Height		Girth	
13	39	11.89	16	40.64	53	55	16.76	28	71.12		(ft)	(m)	(inch)	(cm)
14	42	12.80	27	68.58	54	52	15.85	34	86.36	1	76	23.16	48	121.92
15	38	11.58	22	55.88	55	58	17.68	25	63.50					
16	27	8.23	17	43.18	56	63	19.20	24	60.96					
17	62	18.90	33	83.82	57	46	14.02	37	93.98	***Dysoxylum binectariferum* / (LAHASUNE/RASUNE)**				
18	42	12.80	23	58.42	58	15	4.57	25	63.50	SL. NO.	Height		Girth	
19	26	7.92	23	58.42	59	16	4.88	10	25.40		(ft)	(m)	(inch)	(cm)
20	48	14.63	16	40.64	60	36	10.97	10	25.40	1	48	14.63	35	88.90
21	53	16.15	35	88.90	61	17	5.18	20	50.80	2	36	10.97	22	55.88
22	24	7.32	24	60.96	62	26	7.92	10	25.40	3	43	13.11	27	68.58
23	21	6.40	15	38.10	63	22	6.71	16	40.64	4	47	14.33	24	60.96
24	48	14.63	12	30.48	64	30	9.14	18	45.72					
25	32	9.75	32	81.28	65	18	5.49	15	38.10					
26	56	17.07	24	60.96	66	52	15.85	13	33.02	***Amoora wallichii* / (DOODH LALI/LALI)**				
27	18	5.49	37	93.98	67	63	19.20	32	81.28	SL. NO.	Height		Girth	
28	16	4.88	12	30.48	68	56	17.07	28	71.12		(ft)	(m)	(inch)	(cm)
29	26	7.92	11	27.94	69	42	12.80	30	76.20	1.00	22	6.71	15	38.10
30	47	14.33	16	40.64	70	37	11.28	25	63.50					
31	47	14.33	29	73.66	71	28	8.53	24	60.96					
32	55	16.76	24	60.96	72	67	20.42	24	60.96	***Lannea coromandelica* / (JIGA/JEOL)**				
33	28	8.53	32	81.28	73	45	13.72	36	91.44	SL. NO.	Height		Girth	
34	36	10.97	16	40.64	74	45	13.72	24	60.96		(ft)	(m)	(inch)	(cm)
35	63	19.20	27	68.58	75	28	8.53	26	66.04	1	62	18.90	40	101.60
36	64	19.51	35	88.90	76	20	6.10	16	40.64	2	65	19.81	70	177.80
37	72	21.95	32	81.28	77	37	11.28	12	30.48	3	72	21.95	49	124.46
38	18	5.49	42	106.68	78	16	4.88	28	71.12					
39	27	8.23	12	30.48	79	15	4.57	10	25.40					
40	46	14.02	18	45.72	80	48	14.63	12	30.48					

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	65	19.81	72	182.88
2	54	16.46	37	93.98
3	46	14.02	25	63.50
4	52	15.85	37	93.98
5	82	24.99	60	152.40
6	58	17.68	44	111.76
7	72	21.95	50	127.00
8	58	17.68	47	119.38
9	54	16.46	45	114.30
10	76	23.16	60	152.40
11	62	18.90	45	114.30
12	36	10.97	27	68.58
13	67	20.42	84	213.36
14	63	19.20	54	137.16
15	35	10.67	24	60.96
16	32	9.75	18	45.72
17	46	14.02	21	53.34
18	78	23.77	80	203.20
19	35	10.67	28	71.12
20	65	19.81	27	68.58
21	77	23.47	48	121.92
22	64	19.51	62	157.48
23	97	29.57	70	177.80
24	78	23.77	45	114.30
25	92	28.04	38	96.52
26	55	16.76	72	182.88
27	68	20.73	70	177.80
28	55	16.76	64	162.56
29	63	19.20	37	93.98

***Albizia procera* / (SADA SIRISH/SWET SIRISH)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	125	38.10	74	187.96
2	176	53.64	110	279.40
3	96	29.26	72	182.88

***Mallotus philippensis* / (SINDURE/SINDOOR)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	64	19.51	40	101.60
2	65	19.81	80	203.20
3	42	12.80	55	139.70
4	48	14.63	27	68.58
5	52	15.85	85	215.90
6	54	16.46	74	187.96
7	78	23.77	52	132.08

***Bombax ceiba* / (SIMUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	165	50.29	215	546.10
2	150	45.72	220	558.80

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	115	35.05	92	233.68

***Lagerstroemia speciosa* / (JARUL)**

SL. NO.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	38	11.58	16	40.64
2	34	10.36	17	43.18
3	32	9.75	12	30.48
4	30	9.14	18	45.72
5	22	6.71	13	33.02
6	32	9.75	15	38.10

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***Amoora wallichii* / (DOODHLALI/LALI)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	69	21.03	16	40.64
2	85	25.91	19	48.26
3	87	26.52	29	73.66
4	67	20.42	25	63.50
5	86	26.21	21	53.34
6	82	24.99	18	45.72
7	57	17.37	22	55.88
8	87	26.52	33	83.82
9	115	35.05	29	73.66
10	122	37.19	32	81.28
11	102	31.09	35	88.90
12	107	32.61	22	55.88
13	97	29.57	31	78.74
14	101	30.78	24	60.96
15	104	31.70	33	83.82
16	112	34.14	37	93.98
17	102	31.09	31	78.74
18	116	35.36	34	86.36
19	67	20.42	18	45.72
20	55	16.76	16	40.64
21	62	18.90	17	43.18
22	62	18.90	25	63.50
23	67	20.42	16	40.64
24	101	30.78	27	68.58
25	87	26.52	16	40.64
26	102	31.09	25	63.50
27	112	34.14	27	68.58
28	102	31.09	46	116.84
29	87	26.52	32	81.28
30	96	29.26	35	88.90
31	102	31.09	27	68.58
32	62	18.90	22	55.88
33	115	35.05	42	106.68
34	127	38.71	46	116.84
35	102	31.09	21	53.34
36	101	30.78	28	71.12
37	116	35.36	44	111.76
38	102	31.09	28	71.12
39	103	31.39	28	71.12
40	87	26.52	32	81.28
41	82	24.99	24	60.96

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	85	25.91	32	81.28
2	112	34.14	46	116.84
3	117	35.66	38	96.52
4	97	29.57	46	116.84
5	111	33.83	49	124.46
6	116	35.36	46	116.84
7	97	29.57	57	144.78
8	99	30.18	55	139.70
9	116	35.36	56	142.24
10	85	25.91	17	43.18
11	112	34.14	52	132.08
12	121	36.88	46	116.84
13	116	35.36	42	106.68
14	102	31.09	42	106.68
15	82	24.99	36	91.44

***Bombax ceiba* / (SIMUL)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	212	64.62	86	218.44
2	227	69.19	89	226.06
3	212	64.62	85	215.90
4	222	67.67	87	220.98
5	236	71.93	92	233.68
6	232	70.71	95	241.30
7	236	71.93	82	208.28

***Alstonia scholaris* / (CHATIYAAN)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	82	24.99	32	81.28

***Oroxylum indicum* / (TOTOLA)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	156	47.55	47	119.38

***Mallotus nudiflorus* / (PITHALI)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	122	37.19	31	78.74
2	56	17.07	19	48.26
3	152	46.33	36	91.44
4	155	47.24	32	81.28
5	57	17.37	18	45.72
6	206	62.79	55	139.70
7	107	32.61	42	106.68
8	102	31.09	26	66.04
9	116	35.36	22	55.88
10	156	47.55	44	111.76
11	116	35.36	24	60.96
12	102	31.09	32	81.28
13	102	31.09	36	91.44
14	104	31.70	26	66.04
15	87	26.52	22	55.88
16	106	32.31	36	91.44
17	119	36.27	42	106.68

***Premna bengalensis* / (GINARI/GIDHARI/DHOULI)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	152	46.33	46	116.84
2	155	47.24	51	129.54
3	129	39.32	33	83.82
4	128	39.01	36	91.44
5	156	47.55	57	144.78

***Terminalia myriocarpa* / (PANISAJ/PANISAL)**

SL. No.	Height (ft)	Height (m)	Girth (inch)	Girth (cm)
1	157	47.85	70	177.80

***Lagerstroemia speciosa* / (JARUL)**

SL. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	102	31.09	32	81.28
2	106	32.31	44	111.76
3	82	24.99	16	40.64
4	141	42.98	46	116.84
5	102	31.09	42	106.68
6	87	26.52	41	104.14
7	116	35.36	30	76.20
8	115	35.05	55	139.70
9	102	31.09	31	78.74
10	127	38.71	36	91.44
11	60	18.29	18	45.72
12	85	25.91	42	106.68
13	102	31.09	46	116.84
14	82	24.99	36	91.44

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**				
SL. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	159	48.46	86	218.44

***Stereospermum tetragonum* / (PARARI)**				
SL. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	127	38.71	56	142.24

***Syzygium cumini* / (JAM)**				
SL. No.	Height		Girth	
	(ft)	(m)	(inch)	(cm)
1	148	45.11	67	170.18

TITI

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***Dysoxylum binectariferum* /**
(LAHASUNE/RASUNE)

SL. NO.	Height		Girth		SL. NO.	Height		Girth		SL. NO.	Height		Girth	
	ft	m	inch	cm		ft	m	inch	cm		ft	m	inch	cm
1	52	15.85	34	86.36	41	54	16.46	38	96.52	81	28	8.53	22	55.88
2	55	16.76	42	106.68	42	65	19.81	42	106.68	82	34	10.36	23	58.42
3	62	18.90	38	96.52	43	74	22.56	24	60.96	83	42	12.80	22	55.88
4	55	16.76	35	88.90	44	65	19.81	28	71.12	84	46	14.02	14	35.56
5	47	14.33	22	55.88	45	72	21.95	36	91.44	85	24	7.32	14	35.56
6	58	17.68	36	91.44	46	74	22.56	42	106.68	86	26	7.92	15	38.10
7	68	20.73	52	132.08	47	28	8.53	16	40.64	87	24	7.32	16	40.64
8	55	16.76	28	71.12	48	32	9.75	22	55.88	88	16	4.88	10	25.40
9	62	18.90	32	81.28	49	55	16.76	32	81.28	89	16	4.88	11	27.94
10	60	18.29	36	91.44	50	58	17.68	27	68.58	90	71	21.64	42	106.68
11	28	8.53	22	55.88	51	75	22.86	48	121.92	91	24	7.32	12	30.48
12	47	14.33	26	66.04	52	76	23.16	44	111.76	92	42	12.80	34	86.36
13	58	17.68	34	86.36	53	75	22.86	36	91.44	93	52	15.85	35	88.90
14	28	8.53	16	40.64	54	78	23.77	42	106.68	94	54	16.46	33	83.82
15	36	10.97	27	68.58	55	64	19.51	31	78.74	95	20	6.10	12	30.48
16	55	16.76	36	91.44	56	37	11.28	28	71.12	96	27	8.23	14	35.56
17	65	19.81	42	106.68	57	46	14.02	32	81.28	97	38	11.58	26	66.04
18	62	18.90	35	88.90	58	46	14.02	27	68.58	98	64	19.51	42	106.68
19	65	19.81	32	81.28	59	38	11.58	22	55.88	99	66	20.12	36	91.44
20	62	18.90	37	93.98	60	32	9.75	24	60.96	100	47	14.33	24	60.96
21	66	20.12	36	91.44	61	15	4.57	11	27.94	101	48	14.63	27	68.58
22	54	16.46	22	55.88	62	42	12.80	24	60.96	102	50	15.24	32	81.28
23	25	7.62	16	40.64	63	63	19.20	22	55.88	103	52	15.85	36	91.44
24	38	11.58	25	63.50	64	18	5.49	13	33.02	104	63	19.20	32	81.28
25	32	9.75	18	45.72	65	46	14.02	32	81.28	105	26	7.92	16	40.64
26	47	14.33	22	55.88	66	42	12.80	30	76.20	106	66	20.12	42	106.68
27	42	12.80	36	91.44	67	54	16.46	48	121.92	107	72	21.95	43	109.22
28	56	17.07	42	106.68	68	65	19.81	32	81.28	108	70	21.34	27	68.58
29	28	8.53	18	45.72	69	62	18.90	33	83.82	109	47	14.33	26	66.04
30	38	11.58	24	60.96	70	37	11.28	36	91.44	110	53	16.15	28	71.12
31	55	16.76	30	76.20	71	48	14.63	24	60.96	111	54	16.46	30	76.20
32	62	18.90	46	116.84	72	44	13.41	21	53.34	112	52	15.85	32	81.28
33	62	18.90	32	81.28	73	24	7.32	12	30.48	113	48	14.63	32	81.28
34	56	17.07	40	101.60	74	30	9.14	16	40.64	114	65	19.81	40	101.60
35	57	17.37	22	55.88	75	32	9.75	18	45.72	115	65	19.81	42	106.68
36	48	14.63	30	76.20	76	36	10.97	14	35.56	116	70	21.34	46	116.84
37	36	10.97	16	40.64	77	40	12.19	22	55.88	117	48	14.63	32	81.28
38	42	12.80	20	50.80	78	28	8.53	20	50.80	118	52	15.85	45	114.30
39	58	17.68	40	101.60	79	46	14.02	34	86.36	119	58	17.68	30	76.20
40	70	21.34	40	101.60	80	44	13.41	20	50.80	120	48	14.63	25	63.50

TITI

Dysoxylum binectariferum/ (LAHASUNE/RASUNE)

SL.NO.	Height		Girth	
	ft	m	inch	cm
121	53	16.15	27	68.58
122	51	15.54	25	63.50
123	52	15.85	22	55.88
124	50	15.24	22	55.88
125	30	9.14	16	40.64
126	28	8.53	18	45.72
127	36	10.97	20	50.80
128	40	12.19	20	50.80
129	64	19.51	47	119.38
130	82	24.99	52	132.08
131	26	7.92	12	30.48
132	30	9.14	16	40.64
133	42	12.80	35	88.90
134	50	15.24	42	106.68
135	52	15.85	37	93.98

***Terminalia myriocarpa* / (PANISAJ/PANISAL)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	47	119.38
2	63	19.20	45	114.30

***Acacia catechu* / (KHAYER)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	67	20.42	62	157.48
2	82	24.99	35	88.90

***Mallotus philippensis* / (SINDURE/SINDOOR)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	68	20.73	34	86.36
2	71	21.64	44	111.76
3	67	20.42	36	91.44
4	56	17.07	40	101.60
5	62	18.90	42	106.68
6	52	15.85	38	96.52
7	47	14.33	38	96.52
8	80	24.38	65	165.10
9	97	29.57	54	137.16
10	70	21.34	75	190.50

***Lannea coromandelica* / (JIGA/JEOL)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	63	19.20	24	60.96

***Lagerstroemia parviflora* / (BAAJE/SIDHA)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	92	28.04	65	165.10
2	105	32.00	70	177.80
3	115	35.05	95	241.30
4	128	39.01	107	271.78

***Mallotus nudiflorus* / (PITHALI)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	60	18.29	42	106.68
2	28	8.53	16	40.64
3	32	9.75	20	50.80
4	26	7.92	16	40.64
5	76	23.16	54	137.16
6	65	19.81	38	96.52
7	74	22.56	36	91.44
8	39	11.89	28	71.12
9	30	9.14	16	40.64
10	25	7.62	13	33.02
11	35	10.67	24	60.96
12	76	23.16	52	132.08

***Bombax ceiba* / (SIMUL)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	120	36.58	210	533.40
2	115	35.05	110	279.40
3	125	38.10	112	284.48
4	145	44.20	175	444.50

***Lagerstroemia speciosa* / (JARUL)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	62	18.90	35	88.90

***Oroxylum indicum* / (TOTOLA)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	76	23.16	42	106.68

***Callicarpa arborea* / (BOGDO/KHODO/GOYLO)**

SL.NO.	Height		Girth	
	ft	m	inch	cm
1	56	17.07	34	86.36
2	62	18.90	56	142.24
3	85	25.91	120	304.80
4	65	19.81	62	157.48
5	84	25.60	102	259.08

ANNEXURE 3

BIRD DATASHEET DAY WISE

SOUTH BENGAL

DOCUMENTATION OF ASSOCIATED BIRD SPECIES LATERITIC SOUTH WEST BENGAL

1. Documentation of Bird species in Gidhni day wise

Day 1

Date:	**1.09.2020**	**Weather:**	**Rainy, Cloudy**		**Plot name:**	**Gidhni**		
Range:	**Gidhni**	**Beat:**	**Kanaisol**		**Division:**	**Jhargram**		
Mouza		**Start time:**	**1.40 pm**		**End Time:**	**4.10 pm**		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black hooded oriole	1	1.45 pm	22°26'07.8"N	86°51'29.0"E	Sal	1	
2	Jungle babbler	± 10	1.48 pm	22°26'08.8"N	86°51'25.3"E	Sal	1	
3	Jungle babbler	± 20	2.35 pm	22°26'11.93"N	86°51'27.29"E	Sal	In between Subplot 1 and 2	
4	Black drongo	1	2.39 pm	22°26'11.93"N	86°51'27.29"E	Sal	In between Subplot 1 and 2	
5	Rufous tree pie	2	2.39 pm	22°26'11.94"N	86°51'27.25"E	Sal	In between Subplot 1 and 2	
6	Lineated barbet	1	2.39 pm	22°26'11.97"N	86°51'27.25"E	Sal	In between Subplot 1 and 2	Call
7	Black hooded oriole	2	2.45 pm	22°26'11.93"N	86°51'27.25"E	Sal	In between Subplot 1 and 2	
8	Black hooded oriole	1	2.47 pm	22°26'12.84"N	86°51'26.93"E		In between Subplot 1 and 2	
9	Lineated barbet	1	2.50 pm	22°26'12.88"N	86°51'27.00"E	Sal	In between Subplot 1 and 2	Call
10	Spotted dove	1	2.50 pm	22°26'12.85"N	86°51'27.07"E	Sal	In between Subplot 1 and 2	
11	Yellow footed green pigeon	1	2.47 pm	22°26'08.5"N	86°51'30.1"E	Sal	Adjacent area of Subplot 1	
12	Greater caucal	1	2.48 pm	22°26'08.5"N	86°51'30.1"E	Sal	Adjacent area of Subplot 1	

Day 2

Date:	**02.09.2020**	**Weather:**	**Cloudy**		**Plot name:**	**Gidhni**		
Range:	**Gidhni**	**Beat:**	**Kanaisol**		**Division:**	**Jhargram**		
Mouza		**Start time:**	**8.00 am**		**End Time:**	**4.24 pm**		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Yellow eyed babbler	1	8.06 am	22°26'05.54"N	86°51'26.99"E	IAS	Outside of the plot	
2	Red vented bulbul	1	8.07 am	22°26'05.54"N	86°51'26.99"E	IAS	Outside of the plot	
3	Black hooded oriole	1		22°26'08.66"N	86°51'27.80"E	Sal	1	Call
4	Jungle babbler	± 12		22°26'08.66"N	86°51'27.80"E	Sal	1	
5	Black drongo	1		22°26'08.66"N	86°51'27.80"E	Sal	1	
6	Yellow footed green pigeon	2	9.05 am	22°26'11.01"N	86°51'28.1"E	Sal	1	
7	Common Tailor bird	1	9.10 am	22°26'11.3"N	86°51'28.4"E	Sal	Adjacent area of Subplot 1	
8	Black hooded oriole	1	11.25 am	22°26'11.3"N	86°51'28.6"E	Sal	Adjacent area of Subplot 1	
9	Black hooded oriole	1	11.56 am	22°26'21.0"N	86°51'30.7"E	Sal	3	Call
10	Common hawk cuckoo	1	12.15 pm	22°26'15.10"N	86°51'28.96"E	Sal	2	Call
11	Black drongo	1	1.43 pm	22°26'07.5"N	86°51'28.6"E	Sal	1	
12	Palm Swift	2	1.45 pm	22°26'07.5"N	86°51'28.6"E	Sal	1	Flying
13	Black hooded oriole	1	3.15 pm	22°26'20.99"N	86°51'30.67"E	Sal	3	
14	Yellow footed green pigeon	1	3.15 pm	22°26'20.99"N	86°51'30.67"E	Sal	3	
15	Lesser flame back woodpecker	1	4.24 pm	22°26'10.20"N	86°51'32.47"E	Sal	Outside of the plot	Flying

2. Documentation of Bird species in Arabari day wise

Day 1

Date:	10.10.2020	Weather:	Cloudy		Plot name:	Arabari		
Range:	Arabari	Beat:	Arabari		Division:	Medinipur		
Mouza	Arabari	Start time:	1.40 pm		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black hooded oriole	1	2.09 pm	22°41'48.9"N	87°20'41.8"E	Eucalyptus	10	
2	Shikra	1	2.27 pm	22°41'49.1"N	87°20'42.1"E		10	Flying
3	Spotted dove	1	2.30 pm	22°41'46.1"N	87°20'38.7"E	Eucalyptus	9	
4	Green Bee Eater	2	2.32 pm	22°41'46.1"N	87°20'38.7"E	Eucalyptus	9	
5	Jerdon's Leaf Bird	1	4.13 pm	22°41'23.0"N	87°20'31.6"E	Teak	Adjacent area to the plot	
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 2

Date:	11.10.2020	Weather:	Sunny		Plot name:	Arabari		
Range:	Arabari	Beat:	Arabari		Division:	Medinipur		
Mouza	Arabari	Start time:	7.20 am		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Common Iora	1	7.45 am	22°41'18.8"N	87°20'40.3"E	Arjun	1	
2	Green Bee Eater	1	7.47 am	22°41'18.8"N	87°20'40.3"E		1	Flying
3	Paradise Flycatcher	1	8.19 am	22°41'16.8"N	87°20'43.5"E	Minjiri	1	
4	Common Wood Shrike	1	8.21 am	22°41'16.8"N	87°20'43.5"E	Minjiri	1	
5	Red Whiskered Bulbul	1	8.25 am	22°41'16.8"N	87°20'43.5"E	Minjiri	1	
6	Red Whiskered Bulbul	1	8.24 am	22°41'16.6"N	87°20'43.6"E	IAS(Lantana Cromolena)	1	
7	Spotted dove	1	9.55 am	22°41'19.0"N	87°20'39.0"E	Neem	1	
8	Purple Rumped Sunbird	1	8.28 am	22°41'17.5"N	87°20'44.9"E		1	Flying
9	Common Wood Shrike	1	8.45 am	22°41'18.3"N	87°20'40.2"E	Sal	1	
10	Common Iora	1	8.47 am	22°41'18.3"N	87°20'40.2"E	Sal	1	
11	Common Tailor Bird	1	8.48 am	22°41'18.3"N	87°20'40.2"E	Sal	1	
12	Large Cuckoo Shrike	3	2.20 pm	22°41'44.5"N	87°20'43.3"E	Eucalyptus and Teak	8	
13	Rose Ringed Parakeet	2	2.30 pm	22°41'44.8"N	87°20'40.7"E	Sal	8	
14	Small Buttonquail	1	3.18 pm	22°41'17.68"N	87°20'32.50"E	Forest Road		outside of the plot
15	Black Naped Oriole	2	3.24 pm	22°41'03.2"N	87°20'21.9"E	Arjun		outside of the plot
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 3

Date:	12.10.2020	Weather:	Cloudy/ Rainy		Plot name:	Arabari		
Range:	Arabari	Beat:	Arabari		Division:	Medinipur		
Mouza	Arabari	Start time:	8.00 am		End Time:	2.00 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Jungle babbler	±5	9.34 am	22°41'44.3"N	87°20'43.3"E	Akashmoni	8	
2	Purple Rumped Sunbird	2	11.00 am	22°41'44.4"N	87°20'43.3"E		8	Flying
3	Common buzzard	1	10.37 am	22°41'44.4"N	87°20'43.3"E		8	Flying
4	Small Minivet	2	11.00 am	22°41'47.0"N	87°20'43.3"E	Eucalyptus	9	
5	Jungle babbler	±7	11.07 am	22°41'43.7"N	87°20'43.0"E	Teak	8	
6	Black hooded oriole	2	11.09 am	22°41'43.8"N	87°20'42.9"E		8	2 Calls
7	Rufous Treepie	1	01.27 pm	22°41'43.8"N	87°20'42.9"E	Teak	8	
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 4

Date:	13.10.2020	Weather:	Sunny		Plot name:	Arabari		
Range:	Arabari	Beat:	Arabari		Division:	Medinipur		
Mouza	Arabari	Start time:	8.00 am		End Time:	2.00 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Small Minivet (Female)	1	8.33 am	22°41'50.2"N	87°20'40.5"E	Akashmoni	10	
2	Common Tailor Bird	1	8.55 am	22°41'50.2"N	87°20'40.3"E	Teak	10	
3	Jungle babbler	±10	10.13 am	22°41'47.9"N	87°20'41.8"E	Bamboo	10	
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

3. Documentation of Bird species in Kankrajhore day wise

Day 1

Date:	05.11.2020	Weather:	Sunny		Plot name:	Kankrajhore		
Range:	Bhulaveda	Beat:	Kankrajhore		Division:	Jhargram		
Mouza	Jabla	Start time:	8.00 am		End Time:	5.00 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black Hooded Oriole	1	8.24 am	22°43.238'N	086°38.009'E	Sal	7	
2	Rose Ringed Parakeet	1	8.25 am	22°43.238'N	086°38.009'E		7	Call
3	Black Hooded Oriole	2	9.07 am	22°43.238'N	086°38.133'E		7	Call
4	Black Hooded Oriole	1	4.15 pm	22°43.151'N	086°38.711'E		7	Call
5	Indian Nightjar	4	5.15 pm	22°43.173'N	086°38.627'E		9	Call
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 2

Date:	06.11.2020	Weather:	Sunny		Plot name:	Kankrajhore		
Range	Bhulaveda	Beat:	Kankrajhore		Division:	Jhargram		
Mouza	Jabla	Start time:	8.00 am		End Time:	5.00 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Alexandrine Parakeet	1	8.05 am	22°43'11.0"N	086°37'41.1"E		2	Call
2	Spotted Dove	1	8.13 am	22°43'10.7"N	086°37'40.8"E	Sal	2	
3	Greenish Warbler	1	8.36 am	22°43'10.8"N	086°37'42.2"E	Sal	2	
4	Purple Rumped Sunbird	1	9.34 am	22°43'10.3"N	086°37'42.1"E	Sal	2	
5	Spotted Dove	1	9.34 am	22°43'10.3"N	086°37'42.1"E	Sal	2	
6	Greenish Warbler	1	10.18 am	22°43'0.96"N	086°37'40.8"E	Mohul	2	
7	Red Vented Bulbul	1	11.01 am	22°43'09.1"N	086°37'43.9"E	Bush	2	
8	Black Hooded Oriole	1	11.41 am	22°43'09.8"N	086°37'43.7"E		2	Call
Data collected by:		Sumit Moulik, Rakesh Bag						

4. Documentation of Bird species in Bundwan day wise

Day 1

Date:	07.11.2020	Weather:	Sunny		Plot name:	Bundwan		
Range:	Bundwan-1	Beat:	Bundwan		Division:	Kansabati S		
Mouza	Popo	Start time:	7.07 am		End Time:	4.32 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Pale Billed Flowerpecker	1	9.23 am	22°48'48.3"N	086°31'30.3"E	Sal	10	
2	Greenish Warbler	1	11.26 am	22°48'48.2"N	086°31'49.8"E	Sal	10	
3	Alexandrine Parakeet	1	1.01 pm	22°48'45.4"N	086°31'46.8"E	Sal	10	
4	Pale Billed Flowerpecker	1	1.02 pm	22°48'45.3"N	086°31'46.6"E	Ashon	10	
5	Purple Sunbird	2	1.26 pm	22°48'45.4"N	086°31'46.8"E		10	Flying
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 2

Date:	08.11.2020	Weather:	Sunny		Plot name:	Bundwan		
Range:	Bundwan-1	Beat:	Bundwan		Division:	Kansabati S		
Mouza	Popo	Start time:	7.09 am		End Time:	4.45 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Alexandrine Parakeet	2	12.39 pm	22°48'45.7"N	086°31'45.4"E	Sal	9	
2	Black Naped Oriole	1	1.04 pm	22°48'44.6"N	086°31'40.2"E	Piyal	9	
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 3

Date:	09.11.2020	Weather:	Sunny		Plot name:	Bundwan		
Range:	Bundwan-1	Beat:	Bundwan		Division:	Kansabati S		
Mouza	Popo	Start time:	7.14 am		End Time:	4.36 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black Hooded Oriole	2	8.14 am	22°48'43.3"N	086°31'18.7"E	Vela	3	
2	Pale Billed Flower Pecker	1	8.16 am	22°48'43.4"N	086°31'18.6"E	Doka	3	
3	Small Minivet	3	8.21 am	22°48'44.0"N	086°31'21.7"E	Sal	3	
4	Lesser Flameback Wooodpecker	1	8.22 am	22°48'44.1"N	086°31'21.7"E	Sal	3	
5	Rose Ringed Parakeet	4	9.09 am	22°48'46.8"N	086°31'24.8"E	Sal	3	
6	Taiga Flycatcher	1	1.23 pm	22°48'45.7"N	086°31'17.2"E	Mahua	1	
7	Alexandrine Parakeet	2	2.53 pm	22°48'43.3"N	086°31'16.5"E	Sal	1	
8	Black Hooded Oriole	1	2.54 pm	22°48'43.4"N	086°31'16.5"E	Kendu	1	
9	Greenish Warbler	1	3.24 pm	22°48'44.5"N	086°31'16.6"E	Sal	1	
10	Black Naped Oriole	1	3.41 pm	22°48'45.1"N	086°31'16.8"E	Doka	1	
11	Purple Rumped Sunbird	2	3.41 pm	22°48'45.1"N	086°31'16.8"E	Sal	1	
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 4

Date:	10.11.2020	Weather:	Sunny		Plot name:	Bundwan		
Range:	Bundwan	Beat:	Bundwan		Division:	Kansabati S		
Mouza	Popo	Start time:	8.54 am		End Time:	12.07 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black Hooded Oriole	1	10.29 am	22°48'44.2"N	086°31'19.3"E	Piyal	1	
2	Jungle Babbler	6	10.40 am	22°48'43.8"N	086°31'21.2"E	Sal	1	
3	Reed Warbler	5	10.52 am	22°48'46.6"N	086°31'24.3"E	Sada Sirish	1	
Data collected by:		Sumit Moulik, Rakesh Bag						

5. Documentation of Bird species in Sutan day wise

Day 1

Date:	11.11.2020	Weather:	Sunny		Plot name:	Sutan		
Range:	Jhilimili	Beat:	Muchikata		Division:	Bankura South		
Mouza	Sutan	Start time:	7.00 am		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Yellow Wagtail	1	8.17 am	22°48'18.5"N	086°44'33.7"E	Ground	8	
2	Black Drongo	1	8.17 am	22°48'18.5"N	086°44'33.7"E	Sal	8	
3	Black-Hooded Oriole	1	8.25 am	22°48'18.1"N	086°44'35.0"E	Sal	8	
4	Common Sandpiper	1	8.31 am	22°48'17.8"N	086°44'31.8"E	Ground	8	
5	Eurasian collared Dove	1	8.31 am	22°48'17.8"N	086°44'31.8"E	Sal	8	
6	Common Tailor Bird	1	8.32 am	22°48'17.8"N	086°44'31.9"E	Bush	8	
7	Purple Sunbird	1	9.09 am	22°48'11.6"N	086°44'34.0"E		8	Flying
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 2

Date:	12.11.2020	Weather:	Sunny		Plot name:	Sutan		
Range:	Jhilimili	Beat:	Muchikata		Division:	Bankura South		
Mouza	Sutan	Start time:	7.00 am		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Common Wood Shrike	2	8.16 am	22°48'06.8"N	086°44'29.7"E	Flying	6	
2	Black-Hooded Oriole	2	8.17 am	22°48'06.8"N	086°44'29.7"E	Sal	6	
3	Purple Sunbird	1	8.17 am	22°48'06.8"N	086°44'29.7"E	Mahua	6	
4	Purple Rumped Sunbird	1	9.12 am	22°48'04.1"N	086°44'31.3"E	Rohora	6	
5	Eurasian collared Dove	1	9.14 am	22°48'04.0"N	086°44'31.5"E	Sal	6	
6	Pale-Billed Flowerpecker	2	9.31 am	22°48'05.4"N	086°44'31.5"E	Bohera	6	
Data collected by:		Sumit Moulik, Rakesh Bag						

Day 3

Date:	13.11.2020	Weather:	Sunny		Plot name:	Sutan		
Range:	Jhilimili	Beat:	Muchikata		Division:	Bankura South		
Mouza	Sutan	Start time:	7.00 am		End Time:	1.30 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Golden Oriole	1	8.06 am	22°47'59.2"N	086°44'30.5"E	Piyal	2	
2	Purple Sunbird	1	10.08 am	22°47'53.9"N	086°44'26.1"E	Sal	2	
3	Pale Billed Flowerpecker	2	11.21 am	22°47'51.8"N	086°44'25.8"E	Sal	2	
Data collected by:		Sumit Moulik, Rakesh Bag						

6. Documentation of Bird species in Md Bazar Day wise

Day 1

Date:	**19.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Md Bazar**		
Range:	**Md Bazar**	**Beat:**	**Mollarpur**		**Division:**	**Birbhum**		
Mouza	**Moubelia**	**Start time:**	**11.30 am**		**End Time:**	**4.56 pm**		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black hooded Oriole	1	11.46 am	24°04'15.7"N	87°39'56.8"E	Sal	Out side of the plot Adjacent to Subplot 1	
2	Black hooded Oriole	1	12 noon	24°04'16.7"N	87°39'50.9"E	Mohua	Subplot 3	
3	Common Iora	1	12.03 pm	24°04'16.2"N	87°39'51.0"E	Sal and Mohua	Junction of Subplot 2 and 3	
4	Common Tailor Bird	1	12.06 pm	24°04'15.3"N	87°39'48.0"E	Sal and Mohua	Subplot 5	
5	Spotted Dove	2	01.04 pm	24°04'17.1"N	87°39'43.4"E	Mohua	Subplot 5	
6	Jungle Babbler	5	01.08 pm	24°04'16.3"N	87°39'43.3"E	Sal, Mohua, Piyal	Subplot 5	
7	Jungle Babbler	4	2.38 pm	24°04'15.7"N	87°39'41.8"E	Sal	Subplot 5	
8	Rufous Tree pie	1	2.38 pm	24°04'15.7"N	87°39'41.8"E	Sal	Subplot 5	
9	Lesser Flameback Woodpecker	1	2.38 pm	24°04'15.7"N	87°39'41.8"E		Subplot 5	Call
10	Jungle Babbler	±20	4.45 pm	24°04'15.4"N	87°39'39.4"E	Mostly Sal	Out side of the plot Adjacent to Subplot 5	
Data collected by:		**Ranjana Saha**						

Day 2

Date:	**20.11.2020**	**Weather:**	**Cloudy**		**Plot name:**	**Md Bazar**		
Range:	**Md Bazar**	**Beat:**	**Mollarpur**		**Division:**	**Birbhum**		
Mouza	**Moubelia**	**Start time:**	**8.20 am**		**End Time:**	**5.05 pm**		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Eurasian Collared Dove	1	8.25 am	24°04'19.1"N	87°39'37.5"E	Piyasal	Subplot 6	
2	Spotted Dove	2	8.39 am	24°04'20.6"N	87°39'38.1"E	Sal	Adjacent to subplot 6	
3	Black Hooded Oriole	2	8.50 am	24°04'20.7"N	87°39'36.4"E	Sal	Subplot 7	
4	Black-winged Kite	2	9.16 am	24°04'20.4"N	87°39'36.4"E		Subplot 7	Flying
5	Grey backed Tit /Cinereous Tit	1	12.17 pm	24°04'18.9"N	87°39'32.2"E	Sal	Subplot 8	
6	Taiga Flycatcher	2	12.26 pm	24°04'19.3"N	87°39'32.9"E	Sal and Mohua	Subplot 8	
7	Pied Harrier Male	1	4.03 pm	24°04'16.2"N	87°39'47.3"E		Junction of Subplot 3 and 4	Flying
8	Jungle Babbler	±10	4.49 pm	24°04'15.0"N	87°39'42.9"E	Mostly Sal	Out side of the plot, Adjacent to subplot 4	
Data collected by:		**Ranjana Saha**						

7. Documentation of Bird species in Kanksa day wise

Day 1

Date:	**18.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Kaksha**		
Range:	**Panagarh**	**Beat:**	**Sonai (Kanksa)**		**Division:**	**Burdwan**		
Mouza	**Barodoba**	**Start time:**	**2.46 pm**		**End Time:**	**3.54 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes (N)**	**Longitudes (E)**	**Habitat**	**Subplot**	**Remarks**
1	Black-hooded oriole	1	2.52 pm	23°29'16.10"N	87°30'36.40"E	Sal	10	
Data collected by: Sumit Kumar Moulik, Sitangshu Das								

Day 2

Date:	**19.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Kaksha**		
Range:	**Panagarh**	**Beat:**	**Sonai (Kanksa)**		**Division:**	**Burdwan**		
Mouza	**Barodoba**	**Start time:**	**8.23 am**		**End Time:**	**3.52 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes (N)**	**Longitudes (E)**	**Habitat**	**Subplot**	**Remarks**
1	Ashy wood-swallow	1	10.23 am	23°29'4.30"N	87°30'31.30"E	Sal	Junction of 6 & 7	
Data collected by: Sumit Kumar Moulik, Sitangshu Das								

Day 3

Date:	**20.11.2020**	**Weather:**	**Partly Sunny**		**Plot name:**	**Kaksha**		
Range:	**Panagarh**	**Beat:**	**Sonai (Kanksa)**		**Division:**	**Burdwan**		
Mouza	**Barodoba**	**Start time:**	**8.34 am**		**End Time:**	**4.32 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	White throated fantail	1	1.14 pm	23°28'57.20"N	87°30'30.60"E	Sal	4	
2	Red vented bulbul	2	3.53 pm	23°28'51.60"N	87°30'29.00"E	Piasal	3	
3	Black-hooded oriole	1	4.02 pm	23°28'51.60"N	87°30'31.40"E	Sal	3	
4	Jungle babbler	6	4.02 pm	23°28'51.70"N	87°30'31.70"E	Sal	3	
5	Oriental Magpie Robin	2	4.23 pm	23°28'53.50"N	87°30'30.60"E	Bush	3	
Data collected by:		**Sumit Kumar Moulik, Sitangshu Das**						

Day 4

Date:	**21.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Kaksha**		
Range:	**Panagarh**	**Beat:**	**Sonai (Kanksa)**		**Division:**	**Burdwan**		
Mouza	**Barodoba**	**Start time:**	**7.54 am**		**End Time:**	**11.49 am**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Yellow eyed babblar	7	9.12 am	23°28'52.80"N	87°30'29.50"E	Sal, Mohul	3	
2	Asian Palm Swift	2	9.16 am	23°28'52.30"N	87°30'28.80"E		3	Flying
Data collected by:		**Sumit Kumar Moulik, Sitangshu Das**						

8. Documentation of Bird species in Asansole-Jamgram day wise

Day 1

Date:	**22.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Jamgram-Asansole**		
Range:	**Asansole**	**Beat:**	**Sarishatali**		**Division:**	**Durgapur**		
Mouza	**Jamgram**	**Start time:**	**3.20 pm**		**End Time:**	**4.25 pm**		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Rufous treepie	1	3.32 pm	23°48'59.74"N	87° 0'59.03"E	Palash tree	Out side of plot	
2	Common iora	2	3.53 pm	23°49'3.75"N	87° 1'4.26"E	Saal tree	1	
3	Red vented bulbul	2	4.01 pm	23°49'3.28"N	87° 1'5.27"E	Eucalyptus	Adjacent to Subplot 1	
4	Red whiskered bulbul	1	4.01 pm	23°49'3.28"N	87° 1'5.27"E	Eucalyptus	Adjacent to Subplot 1	
5	Coppersmith barbet	1	4.02 pm	23°49'3.32"N	87° 1'5.29"E	Eucalyptus	Adjacent to Subplot 1	
6	Alexandrine Parakeet	5+	4.07 pm	23°49'2.95"N	87° 1'5.81"E	Ficus	Out side of plot	
7	Indian Robin	1	4.11 pm	23°49'3.00"N	87° 1'6.20"E	Eucalyptus	Adjacent to Subplot 1	
8	Eurasian Collared dove	1	4.14 pm	23°49'3.22"N	87° 1'6.33"E	Eucalyptus	Out side of plot	
Data collected by:		**Ranjana Saha, Sumit Kumar Moulik**						

Day 2

Date:	**23.11.2020**	**Weather:**	**Sunny**		**Plot name:**	**Jamgram-Asansole**		
Range:	**Asansole**	**Beat:**	**Sarishatali**		**Division:**	**Durgapur**		
Mouza	**Jamgram**	**Start time:**	**8.50 am**		**End Time:**	**3.15 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black-hooded Oriole	1	9.26 am	23°49'24.18"N	87° 0'58.69"E	Sal Tree	Outside of the plot	
2	Purple Sunbird male	1	10.16 am	23°49'23.88"N	87° 0'56.38"E	Sal Tree	7	
3	Purple Sunbird female	1	9.20 am	23°49'20.45"N	87° 0'54.47"E	Boichi	7	
4	Black-hooded Oriole	1	10.27 am	23°49'26.69"N	87° 0'53.24"E	Sal Tree	8	
5	Yellow footed green pigeon	1	11.27 am	23°49'25.71"N	87° 0'53.93"E		8	flying
Data collected by:		**Ranjana Saha, Sumit Kumar Moulik**						

Day 3

Date:	24.11.2020	Weather:	Sunny		Plot name:	Jamgram-Asansole		
Range:	Asansole	Beat:	Sarishatali		Division:	Durgapur		
Mouza	Jamgram	Start time:	8.57 am		End Time:	2.20 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Spangled drongo	2	9.10 am	23°49'30.17"N	87° 0'57.28"E	Sal and mohua	Parallel to subplot 9	Outside of the plot
2	Crested Hawk-Eagle	2	9.10 am	23°49'30.17"N	87° 0'57.28"E	Sal	Parallel to subplot 9	Outside of the plot
3	Common Wood Shrike	2	9.11 am	23°49'30.17"N	87° 0'57.28"E	Piyal	Parallel to subplot 10	Outside of the plot
4	Black-hooded oriole	1	10.48 am	23°49'28.52"N	87° 0'51.50"E		9	
5	Common tailor bird	1	1.20 pm	23°49'32.31"N	87° 0'50.62"E		10	
6	Grey Wagtail	2	9.06 am	23°49'29.51"N	87° 0'57.06"E	Ground	Parallel to subplot 9	Outside of the plot
7	Rufous Treepie	1	9.07 am	23°49'29.63"N	87° 0'57.07"E	Piyal	Parallel to subplot 9	Outside of the plot
8	Green Bee-eater	4	9.13 am	23°49'30.38"N	87° 0'57.24"E	Sonajhuri	Parallel to subplot 9	Outside of the plot
9	Alexandrine Parakeet	2	9.15 am	23°49'30.45"N	87° 0'57.18"E		Outside of the plot	Flying
10	Black Drongo	1	9.16 am	23°49'30.45"N	87° 0'57.18"E	Sonajhuri	Parallel to subplot 9	Outside of the plot
11	Black Hooded Oriole	1	9.17 am	23°49'30.46"N	87° 0'57.35"E	Sal	Parallel to subplot 9	Outside of the plot
12	Red Vented Bulbul	2	9.21 am	23°49'29.48"N	87° 0'55.37"E	Mohua	Parallel to subplot 9	Outside of the plot
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 4

Date:	25.11.2020	Weather:	Sunny		Plot name:	Jamgram-Asansole		
Range:	Asansole	Beat:	Sarishatali		Division:	Durgapur		
Mouza	Jamgram	Start time:	8.55 am		End Time:	2.00 pm		
Sl no	Species name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
	Purple Sunbird Female	1	9.54 am	23°49'17.71"N	87° 0'57.13"E	Dhaw	6	
	Taiga flycatcher	1	9.55 am	23°49'17.58"N	87° 0'57.13"E	Dhaw Tree	5	
	Oriental Honey Buzzard	1	9.55 am	23°49'17.54"N	87° 0'57.13"E		5	Flying
	Blue tailed bee-eater	4	10.28 am	23°49'18.47"N	87° 0'56.47"E	Mohua	6	
	Pale-billed flowerpecker	1	10.33 am	23°49'18.41"N	87° 0'56.23"E	Sal	6	
	Shikra	1	1.55 pm	23°49'12.82"N	87° 0'57.96"E		4	Flying
	Pale-billed flowerpecker	1	1.46 pm	23°49'12.90"N	87° 0'57.78"E	Sal	4	
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

9. Documentation of Bird species in Garh Panchkot day wise

Day 1

Date:	27.11.20	Weather:	Sunny		Plot name:	Garh Panchkot		
Range:	Raghunathpur	Beat:	Nituria		Division:	Kansavati N		
Mouza	Garh Panchkot	Start time:	3.07 pm		End Time:	4.25 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black-hooded oriole	1	3.23 pm	23°36'50.79"N	86°44'59.70"E	Sal	6	
2	Jungle Babbler	±4	3.31 pm	23°36'51.40"N	86°44'57.66"E	Sal	5	
3	Black-hooded oriole	1	3.31 pm	23°36'51.39"N	86°44'57.70"E		5	Call
4	Black-hooded oriole	1	3.33 pm	23°36'51.26"N	86°44'57.17"E	Sal	5	
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 2

Date:	28.11.20	Weather:	Sunny		Plot name:	Garh Panchakot		
Range:	Raghunathpur	Beat:	Nituria		Division:	Kansavati N		
Mouza	Garh Panchkot	Start time:	8.15 am		End Time:	3.56 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Scally Breasted munia	1	8.33 am	23°36'50.66"N	86°44'50.68"E			Outside of plot
2	Green Bee-eater	2	8.33 am	23°36'50.65"N	86°44'50.68"E			Outside of plot
3	Scally Breasted munia		8.37 am	23°36'51.18"N	86°44'48.88"E	Lantana and Chromolena		Nest, Outside of plot
4	Jungle Babbler	±6	8.42 am	23°36'53.65"N	86°44'42.54"E	Sal	Adjacent to subplot 1	Outside of plot
5	Grey Wagtail	1	1.48 pm	23°36'53.70"N	86°45'8.19"E	Ground		Outside of the plot near Hudhudi falls
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

Day 3

Date:	29.11.20	Weather:	Sunny		Plot name:	Garh Panchkot		
Range:	Raghunathpur	Beat:	Nituria		Division:	Kansavati N		
Mouza	Garh Panchkot	Start time:	8.22 am		End Time:	4.46 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Taiga Flycatcher	1	9.07 am	23°36'50.70"N	86°45'4.00"E	Simul	7	
2	Golden fronted leafbird	1	10.01 am	23°36'49.29"N	86°45'5.96"E	Doka	7	
3	Verditer flycatcher	1	2.34 pm	23°36'53.76"N	86°45'8.74"E	Chromolena (IAS)		Outside of the plot near Hudhudi falls
4	Red-breasted Flycatcher	2	2.36 pm	23°36'53.89"N	86°45'8.60"E	Chromolena (IAS)		Outside of the plot near Hudhudi falls
5	Ultramarine Flycatcher	1	2.55 pm	23°36'53.51"N	86°45'8.77"E	Chromolena (IAS)		Outside of the plot near Hudhudi falls
Data collected by:		Ranjana Saha, Sumit Kumar Moulik						

10. Documentation of Bird species in Chandabila-Topoban day wise

Day 1

Date:	**04.12.2020**	**Weather:**	**Sunny**		**Plot name:**	**Chandabila-Topoban**		
Range:	**Chandabila**	**Beat:**	**Chandabila**		**Division:**	**Kharagpur**		
Mouza	**Topoban**	**Start time:**	**10.23 am**		**End Time:**	**5.01. pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black-hooded oriole	1	12:04	22° 7'2.64"N	87° 2'22.08"E		2	
2	Jungle babbler	5	4:56	22° 7'3.90"N	87° 2'25.60"E		3	
Data collected by:		**Sitangshu Das, Rakesh Bag**						

Day 2

Date:	**05.12.2020**	**Weather:**	**Sunny**		**Plot name:**	**Chandabila-Topoban**		
Range:	**Chandabila**	**Beat:**	**Chandabila**		**Division:**	**Kharagpur**		
Mouza	**Topoban**	**Start time:**	**8.20 am**		**End Time:**	**12.05 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black hooded oriole	2	8:50	22° 7'2.80"N	87° 2'21.20"E	Sal	Adjacent to subplot 2	
2	Rose-ringed Parakeet	1	8:52	22° 7'2.80"N	87° 2'21.20"E	Sal	Adjacent to subplot 2	
3	Collard Dove	1	5:05	22° 6'57.40"N	87° 2'26.60"E	Sal	Adjacent to subplot 4	
4	Oriental magpie Robin	1	9:08	22° 7'2.80"N	87° 2'21.20"E	Sal	Adjacent to subplot 2	
5	Jungle babbler	7	9:08	22° 6'56.80"N	87° 2'31.08"E	Sal	5	
Data collected by:		**Sitangshu Das, Rakesh Bag**						

11. Documentation of Bird species in Susunia day wise

Day 1

Date:	11/12/2020	Weather:	Sunny		Plot name:	Susunia		
Range:	Chhatna	Beat:	Susunia		Division:	Bankura N		
Mouza	Susunia Pahar	Start time:	8.00 am		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Jungle Babbler	±10	9.03 am	23°23'22.96"N	86°58'45.08"E	Sal	1	
2	Tailor Bird	2	1.08 pm	23°23'19.35"N	86°58'46.85"E	Bush	2	
3	Black Hooded Oriole	1	4.25 pm	23°23'20.12"N	86°58'48.23"E	Sal	2	
4	Spotted Dove	1	4.25 pm	23°23'20.15"N	86°58'48.22"E	Sal	2	
Data collected by:		Rakesh bag, Saikat Manna, Ayan Roy Chowdhury						

Day 2

Date:	13-12-2020	Weather:	Sunny		Plot name:	Susunia		
Range:	Chhatna	Beat:	Susunia		Division:	Bankura N		
Mouza	Susunia Pahar	Start time:	8.00 am		End Time:	4.30 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
5	Jungle Babbler	5	10.17 am	23°23'9.93"N	86°59'5.06"E	Sal	7	
6	Red vented Bulbul	1	10.16 am	23°23'9.17"N	86°59'4.16"E	Sal	7	
7	Spotted Dove	2	10.15 am	23°23'8.31"N	86°59'3.37"E	Sal	7	
Data collected by:		Rakesh bag, Saikat Manna, Ayan Roy Chowdhury						

12. Documentation of Bird species in Panchet day wise

Day 1

Date:	15/12/2020	Weather:	Sunny		Plot name:	Panchet		
Range:	Bishnupur	Beat:	Basudevpur		Division:	Panchet		
Mouza	Basudevpur	Start time:	8.00 am		End Time:	4.00 pm		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Rufous Treepie	1	16:06:12	23° 2'52.61"N	87°22'34.34"E	Sal	3	
2	Spotted Dove	1	16:05:35	23° 2'52.61"N	87°22'34.36"E	Sal	3	
3	Jungle Babbler	±10	16:03:27	23° 2'52.79"N	87°22'34.14"E	Sal	3	
4	Indian jungle Crow	2	16:03:06	23° 2'52.79"N	87°22'34.14"E	Sal	3	
5	Black Hooded oriole	1	16:02:54	23° 2'52.79"N	87°22'34.14"E	Sal	3	
6	Greater Coucal	1	13:44:07	23° 2'48.55"N	87°22'57.50"E	Sal	10	
7	Black Hooded oriole	1	13:49:17	23° 2'47.67"N	87°23'0.76"E	Sal	10	
8	House Crow	1	14:24:02	23° 2'51.32"N	87°22'50.90"E	Sal	7	Call
9	Indian Jungle Crow	1	14:24:02	23° 2'48.12"N	87°23'0.46"E	Sal	10	
10	Black Hooded oriole	1	15:48:47	23° 2'47.67"N	87°23'0.76"E	Sal	10	
11	Tailor Bird/ Pirit Pakhi	1	15:52:07	23° 2'47.29"N	87°23'0.82"E	Sal	Adjacent to Subplot 10	
12	Yellow Footed Green Pigeon	1	15:53:04	23° 2'47.23"N	87°23'0.76"E	Sal	10	
13	Jungle Babbler	±5	15:52:01	23° 2'47.18"N	87°23'0.71"E	Sal	10	
14	Black Hooded oriole/Aam Pakhi	2	16:0:.06	23° 2'47.21"N	87°23'0.85"E	Sal	Adjacent to Subplot 10	
15	Rose Ringed Parakeet	1	16:05:59	23° 2'47.19"N	87°23'0.85"E	Sal	Adjacent to Subplot 10	
16	Rose Ringed Parakeet	1	9:06:12	23° 2'52.05"N	87°22'26.51"E	Sal	1	
17	Eurasian Collard Dove	3	9:24:24	23° 2'54.16"N	87°22'26.65"E	Sal	1	
Data collected by:		**Rakesh Bag, Saikat Manna, Ayan Roy Chowdhury**						

13. Documentation of Bird species in Hoomgarh day wise

Day 1

Date:	12/17/2020	Weather:	Sunny		Plot name:	Hoomgarh		
Range:	Hoomgarh	Beat:	Hoomgarh		Division:	Rupnarayan		
Mouza	Peruajole	Start time:	8.00 am		End Time:	4.30 pm		
Sl no	**Species name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black Hooded Oriole	1	8:28:29	22°48'46.98"N	87°16'6.46"E	Sal	Adjacent to subplot 7	
2	Rufous treepie	1	11:23:21	22°49'2.52"N	87°16'5.66"E	Sal	3	
3	Barn Owl	1	13:44:59	22°48'53.30"N	87°16'5.92"E	Sal	6	
4	Spotted Dove	2	14:05:52	22°48'51.85"N	87°16'4.19"E	Sal	6	
5	Jungle Babbler	±10	14:05:30	22°49'2.62"N	87°16'6.13"E	Sal	Adjacent to subplot 3	
6	Black Hooded Oriole	1	11:23:02	22°48'42.59"N	87°16'4.55"E	Sal	9	
7	Common Talior Bird	1	14:34:41	22°49'0.66"N	87°16'2.53"E	Sal	4	
8	Red Vented Bulbul	1	15:32:29	22°49'8.58"N	87°16'14.27"E	Sal		Out side of the plot
9	Greater Cocual	1	15:33:43	22°49'8.96"N	87°16'16.25"E	Sal		Out side of the plot
10	Rufous treepie	1	17:14:12	22°48'42.63"N	87°16'4.51"E	Sal	9	
11	Black Drongo	1	16:30:17	22°49'2.58"N	87°16'5.97"E	Sal	3	
12	Purple Sunbird	1	17:15:15	22°48'58.61"N	87°16'12.34"E	Sal		Out side of the plot
Data collected by:		**Rakesh bag, Saikat Manna, Ayan Roy Chowdhury**						

14. Documentation of Bird species in Matha day wise

Day 1

Date:	**28.12.2020**	**Weather:**	**Sunny**		**Plot name:**	**Matha**		
Range:	**Matha**	**Beat:**	**Matha P F**		**Division:**	**Purulia**		
Mouza	**Sonkupi**	**Start time:**	**8.05 am**		**End Time:**	**3.54 pm**		
Sl no	**Species name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Yellow-footed green pigeon	2	8.15 am	23° 7'34.81"N	86° 3'56.38"E	Arjun	Subplot 2	
2	Jungle Babbler	5	8.31 am	23° 7'34.55"N	86° 3'56.30"E	Sal mostly	Subplot 2	
3	Pale-billed flowerpecker		9.46 am	23° 7'31.74"N	86° 3'55.26"E		Subplot 2	Call
4	Jungle Babbler	±9	9.48 am	23° 7'31.62"N	86° 3'55.74"E	Sal and Arjun tree	Junction of subplot 1 and 2	
6	Indian Robin	1	10.34 am	23° 7'36.48"N	86° 3'47.22"E	Bushy Shurbs	Adjascent to Subplot 8	
7	Pale-billed flowerpecker	1	11.3 am	23° 7'30.40"N	86° 3'39.37"E	Sal	Subplot 9	
8	Black Drongo	1	11.3 am	23° 7'30.36"N	86° 3'39.38"E	Teak	Subplot 9	
9	Jungle Babbler	2	11.31 am	23° 7'30.36"N	86° 3'39.38"E	Sal	Subplot 9	
10	Common Tailor Bird	3	11.31 am	23° 7'30.36"N	86° 3'39.38"E	Sal	Subplot 9	
11	Purple Sunbird	2	11.35 am	23° 7'30.36"N	86° 3'39.38"E	Sal	Subplot 9	
13	Jerdon's leaf bird	4	12.03 pm	23° 7'29.13"N	86° 3'47.63"E	Mohua	Adjascent to Subplot 5	
14	Grey Bushchat	2	12.06 pm	23° 7'29.10"N	86° 3'47.59"E	Sal mostly	Adjascent to Subplot 5	
15	Small minivet	2	12.07 pm	23° 7'28.98"N	86° 3'47.59"E	Sal	Adjascent to Subplot 5	
16	Grey breasted prinia	±5	12.52 pm	23° 7'31.03"N	86° 3'57.22"E	Mostly sal and bushy shurbs	Adjascent to Subplot 1	
17	Black Hooded Oriole	1	12.52 pm	23° 7'31.02"N	86° 3'57.31"E	Sal	Adjascent to Subplot 1	
18	Common Tailor Bird	1	12.53 pm	23° 7'31.29"N	86° 3'57.17"E	Vela	Subplot 1	
19	Black Drongo	1	12.53 pm	23° 7'31.30"N	86° 3'57.11"E		Subplot 1	Flying
20	Rufous treepie	1	12.56 pm	23° 7'31.76"N	86° 3'57.00"E		Subplot 1	Flying
21	Black Hooded Oriole	1	2.18 pm	23° 7'33.95"N	86° 3'48.07"E	Sal	Subplot 6	
Data collected by: Ranjana Saha, Sumt Moulik, Rakesh Bag								

Day 2

Date:	29.12.2020	Weather:	Sunny		Plot name:	Matha		
Range:	Matha	Beat:	Matha P F		Division:	Purulia		
Mouza	Sonkupi	Start time:	8.23 am		End Time:	2.25 pm		
Sl no	Species name	No of individuals	Time of obaervation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Alexandrine Parakeet	2	8.56 am	23° 7'29.77"N	86° 3'50.08"E	Notun Goura Tree	Subplot 3	
2	Jungle Babbler	±6	9.32 am	23° 7'32.38"N	86° 3'38.93"E	Mostly in Sal	Adjascent to Subplot 9	
3	Black Drongo	2	9.43 am	23° 7'32.69"N	86° 3'40.75"E	Sal and Teak	Subplot 9	
4	Jungle Babbler	±10	9.46 am	23° 7'32.50"N	86° 3'40.90"E	Mostly in Sal	Subplot 9	
5	Grey Bushchat	4	9.47 am	23° 7'32.50"N	86° 3'40.90"E	Mostly in Sal	Subplot 9	
6	Spotted Dove	2	9.47 am	23° 7'32.49"N	86° 3'40.90"E	Sal	Subplot 9	
7	Pale-billed flowerpecker	1	10.03 am	23° 7'32.53"N	86° 3'40.99"E	Sal with Red criper flower	Subplot 9	
8	Black Hooded Oriole	1	10.03 am	23° 7'32.53"N	86° 3'40.99"E		Subplot 9	Call
9	Rufous treepie	1	10.05 am	23° 7'32.53"N	86° 3'40.99"E	Sal	Subplot 9	
10	Pale-billed flowerpecker	2	11.03 am	23° 7'30.31"N	86° 3'41.81"E	Sal with Red criper flower	Subplot 9	
11	Common Tailor Bird	1	11.03 am	23° 7'30.31"N	86° 3'41.81"E	Sal with Red criper flower	Subplot 9	
12	Rufous treepie	1	11.37 am	23° 7'30.68"N	86° 3'39.73"E	Sal	Subplot 9	
13	Black Drongo	1	11.38 am	23° 7'30.68"N	86° 3'39.73"E	Doka	Subplot 9	
14	Purple Sunbird	1	11.39 am	23° 7'30.68"N	86° 3'39.73"E	Sal with Red criper flower	Subplot 9	
15	Indian Peafowl	2	2.12 pm	23° 7'33.93"N	86° 3'44.89"E		Subplot 8	Feather Found
Data collected by: Ranjana Saha, Sumt Moulik, Rakesh Bag								

NORTH BENGAL PLAINS

DOCUMENTATION OF ASSOCIATED BIRD SPECIES NORTH BENGAL PLAINS

1. Documentation of Bird species in Sealdoba-2 day wise

Day 1

Date:	**29.01.2020**		**Weather:**	**Misty**		**Plot name:**	**Sealdoba**		
Range:	**Targhera**		**Beat:**	**Gazoldoba**		**Division:**	**Baikunthapur**		
Block	**Sealdoba 2**		**Start time:**	**1.30 pm**		**End Time:**	**3.10 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Taiga Flycather	*Ficedula albicilla*	1	1.55 pm	26°48'12.49"N	88°36'47.84"E		Adjacent to Subplot 1	call
2	Red Breasted Parakeet	*Psittacula alexandri*	4	2.55 pm	26°48'16.85"N	88°36'43.96"E		Adjacent to Subplot 1	flying
3	Great Indian Hornbill	*Buceros bicornis*	2	2.55 pm	26°48'16.85"N	88°36'43.94"E		Adjacent to Subplot 1	flying
4	Black-hooded Oriole	*Oriolus xanthornus*	1	2.55 pm	26°48'16.77"N	88°36'43.96"E		Adjacent to Subplot 1	Call
Data collected by:			**Ranjana Saha, Pranay Patra, Dr. J. R. B. Alfred**						

Day 2

Date:	**30.01.2020**		**Weather:**	**Misty**		**Plot name:**	**Sealdoba**		
Range:	**Targhera**		**Beat:**	**Gazoldoba**		**Division:**	**Baikunthapur**		
Block	**Sealdoba 2**		**Start time:**	**9.45 am**		**End Time:**	**2.56 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Blue throated Barbet	*Psilopogon asiaticus*	1	10.08 am	26°48'0.88"N	88°36'43.25"E		5	Flying
2	Cattle Egret	*Bubulcus ibis*	4	10.07 am	26°48'1.34"N	88°36'43.27"E		5	Flying
3	Red Breasted Parakeet	*Psittacula alexandri*	6	10.08 am	26°48'0.81"N	88°36'43.24"E		**5**	Flying
4	Black-hooded Oriole	*Oriolus xanthornus*	1	10.08 am	26°48'0.79"N	88°36'43.24"E		5	Call
5	Red Breasted Parakeet	*Psittacula alexandri*	2	10.33 am	26°48'9.40"N	88°36'43.61"E		2	Call
6	Black-hooded Oriole	*Oriolus xanthornus*	1	10.34 am	26°48'9.40"N	88°36'43.61"E		2	Call
7	Common tailor Bird	*Orthotomus sutorius*	1	10.59 am	26°48'12.89"N	88°36'47.30"E		1	Call
8	Red Jungle Fowl	*Gallus gallus*	1	11.04 am	26°48'12.59"N	88°36'47.27"E	On ground	1	
9	Rufous Treepie	*Dendrocitta vagabunda*	2	11.09 am	26°47'43.02"N	88°36'46.22"E	Sal	10	
10	Black-hooded Oriole	*Oriolus xanthornus*	1	11.10 am	26°47'43.02"N	88°36'46.22"E	Jarul	10	
11	Red Breasted Parakeet	*Psittacula alexandri*	3	11.15 am	26°47'43.07"N	88°36'45.92"E		10	Call

12	Lineated Barbet	*Psilopogon lineatus*	1	11.26 am	26°47'46.92"N	88°36'46.12"E		9	Call
13	Great Indian Hornbill	*Buceros bicornis*		11.36 am	26°47'49.93"N	88°36'46.94"E		9	Call
14	Scarlet Minivet	*Pericrocotus speciosus*	20+	11.44 am	26°47'53.14"N	88°36'47.02"E	Lali	7	
15	Red Breasted Parakeet	*Psittacula alexandri*	1	11.54 am	26°48'11.69"N	88°36'44.75"E		2	Call
16	Greenish warbler	*Phylloscopus trochiloides*	1	12.44 an	26°47'58.02"N	88°36'46.85"E	Kadam tree	6	
17	Pale-Billed Flower Pecker	*Dicaeum erythrorhynchos*	1	12.56 am	26°48'10.32"N	88°36'44.89"E		2	Call
18	Red Breasted Parakeet	*Psittacula alexandri*	6+	2.08 pm	26°48'10.61"N	88°36'47.66"E		2	Flying
19	Lesser Yellownaped Woodpecker	*Picus chlorolophus*	2	2.09 pm	26°48'16.61"N	88°36'43.78"E	Toon tree	Adjacent to Subplot 1	
Data collected by:			**Ranjana Saha, Pranay Patra, Dr. J. R. B Alfred**						

Day 3

Date:	**31.01.2020**		**Weather:**	**Misty**		**Plot name:**	**Sealdoba**		
Range:	**Targhera**		**Beat:**	**Gazoldoba**		**Division:**	**Baikunthapur**		
Block	**Sealdoba 2**		**Start time:**	**9.30 am**		**End Time:**	**3.45 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of obaervation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	White Rumped Shama	*Copsychus malabaricus*	1	9.48 am	26°48'17.95"N	88°36'43.83"E	Segun	Out side of the plot	
2	Taiga Flycatcher	*Ficedula albicilla*	5	10.33 am	26°48'2.78"N	88°36'44.39"E		4	Hopping to one tree from another
3	Oriental White Eye	*Zosterops palpebrosus*	4	10.33 am	26°48'2.79"N	88°36'44.39"E	Bush	4	
4	Greenish warbler	*Phylloscopus trochiloides*	10+	10.35 am	26°48'2.70"N	88°36'44.17"E	Bush	Between 4 and 5	
5	Chestnut- Bellied Nuthatch	*Sitta cinnamoventris*	1	10.36 am	26°48'2.71"N	88°36'44.17"E	Lali	Between 4 and 5	
6	Scarlet Minivet	*Pericrocotus speciosus*	20+	10.42 am	26°48'2.72"N	88°36'44.14"E	Tatari, Sal, Lali, Bohera	Between 4 and 5	
7	Lesser Yellownaped Woodpecker	*Picus chlorolophus*	5	10.47 am	26°48'2.88"N	88°36'44.41"E	Tatari, sal	4	
8	Bronzed Drongo	*Dicrurus aeneus*	2	10.47 am	26°48'2.83"N	88°36'44.42"E		4	
9	Green Billed Malkoha	*Phaenicophaeus tristis*	1	10.48 am	26°48'2.79"N	88°36'44.41"E	Lali	4	
10	Black Crested Bulbul	*Rubigula flaviventris*	2	10.48 am	26°48'2.79"N	88°36'44.41"E	Ray tree	4	
11	Golden Fronted Leaf Bird	*Chloropsis aurifrons*	1	10.51 am	26°48'2.76"N	88°36'44.46"E	Lali and Ray tree	4	
12	Maroon Oriole	*Oriolus traillii*	1	10.51 am	26°48'2.77"N	88°36'44.46"E	Sal	4	
13	Great Indian Hornbill	*Buceros bicornis*	2	10.55 am	26°48'2.98"N	88°36'44.68"E		4	Sal

14	Streak Throated Woodpecker	*Picus xanthopygaeus*	2	11.41 pm	26°47'59.65"N	88°36'46.96"E	Hatipile Tree	5	
15	Chestnut tailed starling	*Sturnia malabarica*	4+	12.06 pm	26°48'5.02"N	88°36'45.19"E	Bogdo	4	
16	Red Jungle Fowl	*Gallus gallus*	2	1.11 pm	26°48'2.30"N	88°36'44.14"E	On ground	5	
17	Greater Caucal	*Centropus sinensis*	1	2.55 pm	26°48'1.77"N	88°36'45.69"E		5	Flying
18	Great Indian Hornbill	*Buceros bicornis*	3	3.05 pm	26°48'17.99"N	88°36'43.56"E	Chilauney	Adjacent to subplot 1	
19	Indian Pond heron	*Ardeola grayi*	1	3.10 pm	26°48'17.07"N	88°36'43.68"E	Sitting beside the waterbody	Adjacent to subplot 1	
20	Cattle Egret	*Bubulcus ibis*	50 +	3.20 pm	26°48'5.49"N	88°36'43.88"E		4	Moving along with cattles
21	Oriental Pied Hornbill	*Anthracoceros albirostris*	2	3.44 pm	26°48'1.91"N	88°37'41.77"E		Outside of the plot	
Data collected by:			**Ranjana Saha, Pranay Patra, Dr. J. R. B Alfred**						

2. Documentation of Bird species in NRVK day wise

Day 1

Date:	**19.02.2021**		**Weather:**	**Sunny**		**Plot name:**	**NRVK 5a**		
Range:	**Jayanti**		**Beat:**	**Phaskhawa**		**Division:**	**BTR East**		
Block	**NRVK 5a**		**Start time:**	**9.15 am**		**End Time:**	**3.00 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Hill Myna	*Gracula religiosa*	2	10.12	26°41'51.09"N	89°34'49.58"E	Bohera	Between 1 and 2	
2	Alexandrine parakeet	*Psittacula eupatria*	7+	10.21	26°41'50.99"N	89°34'51.80"E		Between 1 and 3	Flying, Call
3	Lineated Barbet	*Psilopogon lineatus*	1	10.53	26°41'51.30"N	89°34'57.76"E		6	Call
4	Black hooded oriole	*Oriolus xanthornus*	1	10.53	26°41'51.39"N	89°34'57.97"E		6	Call
5	Common hawk cuckoo	*Hierococcyx varius*	1	11.48	26°41'47.37"N	89°35'1.03"E		7	Flying
6	Black hooded oriole	*Oriolus xanthornus*	1	12	26°41'47.46"N	89°34'53.90"E		Adjacent to Subplot 3	Call
7	Black Crested Bulbul	*Rubigula flaviventris*	1	12.08	26°41'47.82"N	89°34'51.38"E	Bush	1	
8	Bronze drongo	*Dicrurus aeneus*	1	12.18	26°41'47.48"N	89°34'57.43"E	Narkeli	Adjacent to Subplot 5	
9	Alexandrine parakeet	*Psittacula eupatria*	2	12.33	26°41'49.41"N	89°35'8.05"E		Adjacent to Subplot 9	Flying
10	Golden Fronted Leaf Bird	*Chloropsis aurifrons*	4	2.45	26°41'48.07"N	89°34'51.13"E	Lasunelali, Sal, Bokul	1	
11	Bronze drongo	*Dicrurus aeneus*	1	2.45	26°41'48.07"N	89°34'51.13"E	Lasunelali	1	
12	Maroon Oriole	*Oriolus traillii*	2	2.46	26°41'47.78"N	89°34'51.22"E	Sal	1	
13	Taiga Flycatcher	*Ficedula albicilla*	1	2.46	26°41'47.82"N	89°34'51.33"E	Gokul	1	
14	Grey capped Pygmy Woodpecker	*Yungipicus canicapillus*	1	2.47	26°41'47.80"N	89°34'51.33"E	Lali	1	
Data collected by:		**Ranjana Saha, Tayan Das**							

Day 2

Date:	20.02.2021		Weather:	Sunny		Plot name:	NRVK 5a		
Range:	Jayanti		Beat:	Phaskhawa		Division:	BTR East		
Block	NRVK 5a		Start time:	9.17 am		End Time:	2.52 pm		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Greater Racket tailed drongo	Dicrurus paradiseus	3	9.3	26°41'47.68"N	89°34'54.73"E	Katus	3	
2	Small minivet	*Pericrocotus cinnamomeus*	10+	9.33	26°41'47.63"N	89°34'54.88"E	Katus	3	
3	Scarlet minivet	*Pericrocotus speciosus*	7+	9.47	26°41'49.21"N	89°34'57.13"E	Bakain	5	
4	Black Crested Bulbul	*Rubigula flaviventris*	2	9.53	26°41'50.36"N	89°34'56.75"E	Loha	5	
5	Small minivet	*Pericrocotus cinnamomeus*	6+	9.54	26°41'50.36"N	89°34'56.75"E	Lapche	5	
6	Black hooded oriole	*Oriolus xanthornus*		9.59	26°41'51.41"N	89°34'56.24"E	Lasune lali	4	
7	Maroon Oriole	*Oriolus traillii*	1	10.02	26°41'51.51"N	89°34'55.67"E		4	Flying
8	Green bee eater	*Merops orientalis*	9	10.03	26°41'51.51"N	89°34'55.67"E		4	Flying
9	Alexandrine parakeet	*Psittacula eupatria*	4+	10.03	26°41'51.51"N	89°34'55.67"E		4	Call
10	Lesser yellow naped woodpecker	*Picus chlorolophus*	1	10.04	26°41'51.51"N	89°34'55.67"E	Lali	4	
11	Scarlet minivet	*Pericrocotus speciosus*	10+	12.06	26°41'50.87"N	89°34'55.24"E	Lasune lali	Between 3 and 4	
Data collected by:		**Ranjana Saha, Tayan Das**							

Day 3

Date:	21.02.2021		Weather:	Sunny		Plot name:	NRVK 5a		
Range:	Jayanti		Beat:	Phaskhawa		Division:	BTR East		
Block	NRVK 5a		Start time:	9.00 am		End Time:	12.10 pm		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Large Cuckoo Shrike	*Coracina macei*	1	10.01	26°41'50.97"N	89°35'3.97"E	Lali	10	
2	Blue winged Minla	*Actinodura cyanouroptera*	1	11.34	26°41'49.27"N	89°35'1.82"E	Bush	7	
3	Black crested bulbul	*Rubigula flaviventris*	2	11.56	26°41'47.26"N	89°35'1.54"E	Gidari	Adjacent to 7	
4	White rumped Vulture	*Gyps bengalensis*	4+	12.04	26°41'47.19"N	89°35'2.76"E		Adjacent to 8	Flying
Data collected by:		**Ranjana Saha, Tayan Das**							

3. Documentation of Bird species in Cheko day wise

Day 1

Date:	**22.02.2021**		**Weather:**	**Sunny**		**Plot name:**	**Cheko 5**		
Range:	**East Damanpur**		**Beat:**	**Cheko**		**Division:**	**BTR West**		
Block	**Cheko 5**		**Start time:**	**9.15 am**		**End Time:**	**1.30 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Taiga Flycatcher	*Ficedula albicilla*	1	10.11	26°33'52.87"N	89°33'16.13"E	Thali	2	
2	Brown breasted flycatcher	*Muscicapa muttui*	2	10.18	26°33'52.81"N	89°33'17.17"E	Bush	4	
3	Golden oriole	*Oriolus kundoo*	1	10.35	26°33'49.99"N	89°33'16.85"E	Bada Tree	2	
4	Red Vented bulbul	*Pycnonotus cafer*	1	11.36	26°33'45.33"N	89°33'26.82"E	Kadam	Adjacent to 7	
5	Black hooded oriole	*Oriolus xanthornus*	1	11.53	26°33'49.03"N	89°33'31.10"E		9	Call
6	Lineated Barbet	*Psilopogon lineatus*	1	11.53	26°33'49.06"N	89°33'31.10"E		9	Call
7	Copper smith Barbet	*Psilopogon haemacephalus*	1	12	26°33'50.62"N	89°33'30.89"E		10	Call
8	Oriental honey buzzard	*Pernis ptilorhynchus*	1	12.19	26°33'52.78"N	89°33'28.14"E		Adjacent to 10	Flying
9	Common Hill Myna	*Gracula religiosa*	2	12.3	26°33'52.44"N	89°33'24.70"E		8	Call
10	Greater racket tailed drongo	*Dicrurus paradiseus*	1	12.3	26°33'52.45"N	89°33'24.70"E		8	Flying
11	Spotted Dove	*Spilopelia chinensis*	1	12.3	26°33'52.45"N	89°33'24.70"E		8	Call
12	Oriental Magpie Robin	*Copsychus saularis*	1	12.41	26°33'52.79"N	89°33'20.52"E		Adjacent to 4	Call
13	Common Myna	*Acridotheres tristis*	1	12.47	26°33'52.42"N	89°33'20.12"E	Jarul	4	
14	Red brested parakeet	*Psittacula alexandri*	1	1.07	26°33'49.31"N	89°33'22.43"E		In between 5 and 6	Call
15	Greater Coucal	*Centropus sinensis*	1	1.17	26°33'49.41"N	89°33'24.37"E	Chalta	8	
Data collected by:		**Ranjana Saha, Tayan Das**							

Day 2

Date:	23.02.2021		Weather:	Sunny		Plot name:	Cheko 5		
Range:	East Damanpur		Beat:	Cheko		Division:	BTR West		
Block	Cheko 5		Start time:	9.15 am		End Time:	1.30 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Red Vented bulbul	*Pycnonotus cafer*	5+	10.03	26°33'46.14"N	89°33'29.54"E	Sirish	9	
2	Indian Peafowl	*Pavo cristatus*	2	10.07	26°33'45.88"N	89°33'31.27"E		9	Call
3	Stork billed kingfisher	*Pelargopsis capensis*	1	10.1	26°33'46.02"N	89°33'32.04"E		Adjacent to 9	Flying
4	Green Back Tit	*Parus monticolus*	2	10.3	26°33'49.41"N	89°33'31.61"E	Bhadrase	Adjacent to 10	
5	Shikra	*Accipiter badius*	2	10.46	26°33'52.40"N	89°33'30.56"E		10	Flying
6	Black hooded oriole	*Oriolus xanthornus*		10.47	26°33'52.47"N	89°33'30.53"E		10	Call
7	Streak throated woodpecker	*Picus xanthopygaeus*	1	11.01	26°33'52.88"N	89°33'30.56"E	Pithali	Adjacent to 10	
8	Black kite	*Milvus migrans*	3	11.05	26°33'52.58"N	89°33'30.47"E		10	Flying
9	White rumped Vulture	*Gyps bengalensis*	1	11.06	26°33'52.38"N	89°33'30.49"E		10	Flying
10	Greater yellow naped woodpecker	*Chrysophlegma flavinucha*	1	11.09	26°33'52.42"N	89°33'30.56"E	Tatari	10	
11	Pale billed flower pecker	*Dicaeum erythrorhynchos*	1	11.12	26°33'51.93"N	89°33'30.78"E		10	Flying
12	Common Hill myna	*Gracula religiosa*	1	11.12	26°33'51.93"N	89°33'30.78"E		10	Call
13	Red brested parakeet	*Psittacula alexandri*	4+	11.24	26°33'51.29"N	89°33'31.36"E		10	Flying
14	Common Tailor Bird	*Orthotomus sutorius*	1	11.38	26°33'49.19"N	89°33'30.80"E		10	Call
15	Olive backed pipit	*Anthus hodgsoni*	2	12.4	26°33'49.70"N	89°33'31.43"E	Kawla	10	
17	Long Tailed Minivet	*Pericrocotus ethologus*	20+	12.5	26°33'48.25"N	89°33'31.73"E	Jarul, Chatla etc	Adjacent to 9	
18	Black crested Bulbul	*Rubigula flaviventris*	1	12.5	26°33'48.24"N	89°33'31.73"E	Chalta	Adjacent to 9	
19	Black drongo	*Dicrurus macrocercus*	1	12.5	26°33'48.24"N	89°33'31.73"E	Jarul	Adjacent to 9	
20	Indian Peafowl	*Pavo cristatus*	3	12.54	26°33'45.95"N	89°33'33.41"E		Adjacent to 9, near to river	Crossing Bala River
21	Purple sunbird	*Cinnyris asiaticus*	1	12.59	26°33'45.95"N	89°33'33.47"E		Adjacent to 9	Flying
Data collected by:		**Ranjana Saha, Tayan Das**							

4. Documentation of Bird species in Barahati day wise

Day 1

Date:	22.02.2021		Weather:	Sunny		Plot name:	Barahati 2		
Range:	Gorumara South		Beat:	Budhuram		Division:	Gorumara WL		
Block	Barahati 2		Start time:	8.30 am		End Time:	3.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Red Breasted Parakeet	*Psittacula alexandri*	3	11.05 am	N26°43'45.2"	E088°49'29.2"		1	Flying
2	Blue Throated Barbet	*Megalaima asiatica*	5	11.59 am	N26°43'43.2"	E088°49'31.3"	Sal	2	
3	Rose Ringed Parakeet	*Psittacula krameri*	3	12.16 pm	N26°43'45.4"	E088°49'27.6"		3	Flying
4	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	12.25 pm	N26°43'43.1"	E088°49'24.8"	Sal	4	
5	Red Whiskered Bulbul	*Pycnonotus jocosus*	4	01.30 pm	N26°43'43.2"	E088°49'20.5"		5	Call
6	Lineated Barbet	*Megalaima lineata*	1	02.11 pm	N26°43'43.6"	E088°49'13.2"		5	Call
7	Black Hooded Oriole	*Oriolus xanthornus*	1	02.11 pm	N26°43'43.5"	E088°49'13.2"		7	Call
8	Red Breasted Parakeet	*Psittacula alexandri*	1	02.26 pm	N26°43'41.6"	E088°49'39.0"	Sal	7	
9	Indian Peafowl	*Pavo cristatus*	1	02.29 pm	N26°43'41.6"	E088°49'39.0"		1	Call
10	Black Hooded Oriole	*Oriolus xanthornus*	1	02.36 pm	N26°43'41.1"	E088°49'34.5"		7	Call
11	Black Crested Bulbul	*Pycnonotus flaviventris*	1	02.41 pm	N26°43'41.9"	E088°49'38.9"		1	Call
12	Blue Throathed Barbet	*Megalaima asiatica*	1	02.46 pm	N26°43'42.1"	E088°49'39.0"		1	Call
13	Pied HornBill	*Anthracoceros albirostris*	1	02.50 pm	N26°43'50.3"	E088°49'46.5"	Ground	near the plot	
14	Chesnut-tailed Starling	*Sturnia malabarica*	3	02.53 pm	N26°43'50.3"	E088°49'46.5"	Sal	1	
Data collected by:		**Dr. JRB Alfred, Pranay Patra, Sumit Kumar Moulik, Rakesh Bag**							

Day 2

Date:	23.02.2021		Weather:	Cloudy		Plot name:	Barahati 2		
Range:	Gorumara South		Beat:	Budhuram		Division:	Gorumara WL		
Block	Barahati 2		Start time:	10.00 am		End Time:	3.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Golden fronted Leafbird	*Chloropsis aurifrons*	4	12.40 pm	N26°43'45.1"	E088°49'29.0"	Pithali	4	
2	Alexandrine Parakeet	*Psittacula eupatria*	3	12.49 pm	N26°43'45.1"	E088°49'29.0"	Pithali	4	
3	Alexandrine Parakeet	*Psittacula eupatria*	3	13.11 pm	N26°43'45.5"	E088°49'24.3"	Lasuni Lali	4	
4	White rumpled Shama	*Copsychus malabaricus*	1	13.48 pm	N26°43'44.6"	E088°49'20.1"	Bush	4	
5	Blue throated Barbet	*Megalaima asiatica*	1	14.36 pm	N26°43'43.7"	E088°49'17.8"	Sal	6	
6	Grey backed Shrike	*Lanius tephronotus*	1	14.46 pm	N26°43'43.7"	E088°49'17.8"	Bush	6	
Data collected by:		Dr. JRB Alfred, Pranay Patra, Sumit Kumar Moulik, Rakesh Bag							

Day 3

Date:	24.02.2021		Weather:	Cloudy		Plot name:	Barahati 2		
Range:	Gorumara South		Beat:	Budhuram		Division:	Gorumara WL		
Block	Barahati 2		Start time:	10.00 am		End Time:	2.30 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Greater Flameback Woodpecker	*Chrysocolaptes guttacristatus*	2	10.44 am	N26°43'44.8"	E088°49'06.4"	Pithali	9	
2	Rufus Woodpecker	*Micropternus brachyurus*	2	10.45 am	N26°43'44.8"	E088°49'06.4"	Sal	9	
3	Oriental Magpie Robin	*Copsychus saularis*	1	10.45 am	N26°43'44.8"	E088°49'06.4"	Sal	9	
4	Pied Starling	*Gracupica contra*	2	11.20 am	N26°43'44.8"	E088°49'06.4"	Ground	9	
5	Spotted Dove	*Spilopelia chinensis*	1	11.22 am	N26°43'44.8"	E088°49'06.4"	Kanchan	9	
6	Rufous Treepie	*Dendrocitta vagabunda*	1	11.23 am	N26°43'44.8"	E088°49'06.4"	Kanchan	9	
Data collected by:		Dr. JRB Alfred, Pranay Patra, Sumit Kumar Moulik, Rakesh Bag							

5. Documentation of Bird species in Sursuti day wise

Day 1

Date:	**27.02.2021**		**Weather:**	**Cloudy**		**Plot name:**	**Sursuti -3**		
Range:	**Lataguri**		**Beat:**	**Borodighi**		**Division:**	**Jalpaiguri**		
Block	**Sursuti -3**		**Start time:**	**8.00 am**		**End Time:**	**2.30 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Grey backed shrike	*Lanius tephronotus*	1	8.05 am	26°45'37.29"N	88°47'17.93"E	Bush	Adjacent to Subplot 10	
2	White Rumpled Shama	*Copsychus malabaricus*	1	8.15 am	26°45'38.62"N	88°47'19.58"E	Dead tree branch	Adjacent to Subplot 10	
3	White Throated Fantail	*Rhipidura albicollis*	1	9.07 am	26°45'40.02"N	88°47'17.21"E	Dudhia	10	
4	Spangled Drongo	*Dicrurus bracteatus*	1	9.15 am	26°45'39.60"N	88°47'16.57"E	Patpatey	10	
5	Alexandrine Parakeet	*Psittacula eupatria*	5	9.47 am	26°45'40.32"N	88°47'19.49"E		10	Flying
6	Jungle Babler	*Turdoides striata*	10+	9.52 am	26°45'40.49"N	88°47'19.41"E	Ground	Between subplots 9 and10	
7	Chestnut bellied nuthatch	*Sitta cinnamoventris*	1	1.04 pm	26°45'42.94"N	88°47'19.60"E	Lasune lali	9	
8	Rufous necked Laughingthrush	*Pterorhinus ruficollis*	1	1.32 pm	26°45'43.18"N	88°47'21.68"E	Nokto	9	
9	Cinereous tit	*Parus cinereus*	1	1.45 pm	26°45'41.94"N	88°47'21.86"E	Katus	Adjacent to Subplot 9	
10	Common Hill Mayna	*Gracula religiosa*	1	2.15 pam	26°45'41.26"N	88°47'21.98"E	Lapche	Adjacent to Subplot 9	
Data collected by:		**Tayan Das, Ayan Roy Chowdhury**							

Day 2

Date:	28.02.2021		Weather:	Cloudy		Plot name:	Sursuti -3		
Range:	Lataguri		Beat:	Borodighi		Division:	Jalpaiguri		
Block	Sursuti -3		Start time:	8.30 am		End Time:	3.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Yellow Footed green pigeon	*Treron phoenicoptera*	2	8.45 am	26°45'45.24"N	88°47'26.26"E	Lali	Outside the main plot	
2	Red Breasted Parakeet	*Psittacula alexandri*	3	8.57 am	26°45'45.69"N	88°47'25.68"E		Adjacent to Subplot 7	Flying
3	Blue Throated Barbet	*Megalaima asiatica*	2	9.23 am	26°45'48.33"N	88°47'25.61"E	Rasune lali	7	
4	Rose Ringed Parakeet	*Psittacula krameri*	3+	9.30 am	26°45'48.42"N	88°47'24.79"E		7	Flying
5	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	9.32 am	26°45'48.42"N	88°47'24.78"E	Lapche	7	
6	Red Whiskered Bulbul	*Pycnonotus jocosus*	2	11.48 am	26°45'50.09"N	88°47'23.67"E	Bush	6	
7	Lineated Barbet	*Megalaima lineata*	1	12.16 pm	26°45'51.41"N	88°47'24.12"E		6	Call
8	Black Hooded Oriole	*Oriolus xanthornus*	1	12.17 pm	26°45'51.40"N	88°47'24.12"E		6	Call
9	Red Jungle fowl	*Gallus gallus*	1	01.30 pm	26°45'53.05"N	88°47'25.19"E	Ground	5	
10	Red Breasted Parakeet	*Psittacula alexandri*	2	02.05 pm	26°45'54.16"N	88°47'26.37"E	Jarul	5	
11	Indian Peafowl	*Pavo cristatus*	1	02.11 pm	26°45'54.09"N	88°47'26.68"E	Ground	5	
12	Black Hooded Oriole	*Oriolus xanthornus*	1	02.26 pm	26°45'53.23"N	88°47'26.45"E		5	Call
13	Black Crested Bulbul	*Pycnonotus flaviventris*	1	02.29 pm	26°45'53.01"N	88°47'27.22"E	Bush	5	
14	Ashy Drongo	*Dicrurus leucophaeus*	1	02.36 pm	26°45'52.29"N	88°47'28.36"E	Dead tree Branch	5	
15	Greater Racket tail drongo	*Dicrurus paradiseus*	1	02.41 pm	26°45'51.91"N	88°47'29.11"E	Hatipila	Adjacent to Subplot 5	
16	Blue Throathed Barbet	*Megalaima asiatica*	1	02.46 pm	26°45'52.45"N	88°47'30.79"E	Champ	Adjacent to Subplot 5	
17	Oriental Pied HornBill	*Anthracoceros albirostris*	1	02.50 pm	26°45'53.15"N	88°47'35.28"E		Outside the main plot	Flying
18	Chesnut-tailed Starling	*Sturnia malabarica*	3	02.53 pm	26°45'53.29"N	88°47'35.85"E	Bhadrase	Outside the main plot	
Data collected by:		**Tayan Das, Ayan Roy Chowdhury**							

6. Documentation of Bird species in South Indong day wise

Day 1

Date:	26.02.2021		Weather:	Cloudy		Plot name:	South Indong 2		
Range:	Gorumara South		Beat:	Gorumara		Division:	Gorumara WL		
Block	South Indong 2		Start time:	9.00 am		End Time:	12.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	White Rumpled Shama	*Copsychus malabaricus*	1	9.45 am	N26°47'17.0"	E088°48'03.1"	Ahoi	10	
2	White Throated Fantail	*Rhipidura albicollis*	1	9.45 am	N26°47'17.0"	E088°48'03.1"	Ahoi	10	
3	Jungle Owlet	*Glaucidium radiatum*	2	9.45 am	N26°47'17.0"	E088°48'03.0"	Lali	10	
4	Spangled Drongo	*Dicrurus bracteatus*	2	9.46 am	N26°47'17.1"	E088°48'03.0"		10	Flying
5	Alexandrine Parakeet	*Psittacula eupatria*	4	9.47 am	N26°47'17.1"	E088°48'03.0"	Odal	10	
6	Jungle Babler	*Turdoides striata*	4	9.52 am	N26°47'17.1"	E088°48'03.0"	Bush	10	
7	Common Hill Mayna	*Gracula religiosa*	2	9.52 am	N26°47'17.1"	E088°48'03.0"	Sal	10	
Data collected by:		Sumit Kumar Moulik, Rakesh Bag							

Day 2

Date:	27.02.2021		Weather:	Cloudy		Plot name:	South Indong 2		
Range:	Gorumara South		Beat:	Gorumara		Division:	Gorumara WL		
Block	South Indong 2		Start time:	9.00 am		End Time:	1.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Eurasian Collared Dove	*Streptopelia decaocto*	4	9.47 am	N26°47'14.7"	E088°48'06.5"	Pithali	9	
2	Alexandrine Parakeet	*Psittacula eupatria*	5	5.15 pm	N26°47'14.6"	E088°48'06.5"	Odal	9	
3	Red Breasted Parakeet	*Psittacula alexandri*	4	10.02 am	N26°47'13.8"	E088°48'06.2"	Sal	9	
4	Jungle Myna	*Acridotheres fuscus*	4	10.30 am	N26°47'15.0"	E088°48'04.2"	Sal	9	
5	Indian Peafowl	*Pavo cristatus*	1	10.59 am	N26°47'13.6"	E088°48'06.2"	On Ground	9	
6	Red Breasted Parakeet	*Psittacula alexandri*	6	12.11 pm	N26°47'07.7"	E088°48'05.8"	Sal	7	
7	Red Vented Bulbul	*Pycnonotus cafer*	3	12.11 pm	N26°47'01.9"	E088°48'03.7"	Lampate	5	
Data collected by:		Sumit Kumar Moulik, Rakesh Bag							

Day 3

Date:	28.02.2021		Weather:	Cloudy		Plot name:	South Indong 2		
Range:	Gorumara South		Beat:	Gorumara		Division:	Gorumara WL		
Block	South Indong 2		Start time:	9.00 am		End Time:	1.30 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black Crested Bulbul	*Pycnonotus flaviventris*	2	10.31 am	N26°46'48.7"	E088°48'02.4"	Bush	1	
2	Ashy Bulbul	*Hemixos flavala*	2	10.32 am	N26°46'48.8"	E088°48'02.4"	Jhakari	1	
3	Blue Throathed Barbet	*Megalaima asiatica*	2	10.38 am	N26°46'51.0"	E088°48'02.3"	Pithali	1	
4	Greater Flameback Woodpecker	*Chrysocolaptes guttacristatus*	2	10.47 am	N26°46'50.3"	E088°48'05.7"	Bush	1	
5	Chestnut Headed Bee Eater	*Merops leschenaulti*	1	11.59 am	N26°46'48.2"	E088°48'01.4"	Bush	1	
6	Maroon Oriole	*Oriolus traillii*	3	12.04 pm	N26°46'46.9"	E088°48'57.7"		near the plot	
7	Black Hooded Oriole	*Oriolus xanthornus*	1	12.04 pm	N26°46'46.9"	E088°48'57.7"		near the plot	Call
8	Greater Flameback Woodpecker	*Chrysocolaptes guttacristatus*	1	12.05 pm	N26°46'46.8"	E088°48'57.4"		near the plot	
Data collected by:		Sumit Kumar Moulik, Rakesh Bag							

7. Documentation of Bird species in Adma day wise

Day 1

Date:	10.03.2021		Weather:	Partly Sunny		Plot name:	Adma-2		
Range:	Pana		Beat:	Adma		Division:	BTR West		
Block	Adma-2		Start time:	9.15 am		End Time:	3.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Red Breasted Parakeet	*Psittacula alexandri*	3	9.54 am	26°46'55.04"N	89°29'31.41"E		Adjacent to Subplot 1	Flying
2	Eurasian Collered dove	*Streptopelia decaocto*	1	10.02 am	26°46'51.55"N	89°29'29.76"E	Hatipile	2	
3	Ashy woodswallow	*Artamus fuscus*	13+	10.04 am	26°46'51.61"N	89°29'29.91"E	Dead tree	2	
4	Oriental turtle dove	*Streptopelia orientalis*	1	10.04 am	26°46'51.61"N	89°29'29.91"E	Dead tree	2	
5	Scarlet minivet	*Pericrocotus speciosus*	7+	11.08 am	26°46'54.09"N	89°29'28.63"E	Lasune lali	2	
6	Black Crested Bulbul	*Pycnonotus flaviventris*	1	11.53 am	26°46'47.14"N	89°29'27.89"E	Bohera	6	
7	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	12.06 pm	26°46'39.46"N	89°29'33.89"E	Bakain	9	
8	Red Whiskered Bulbul	*Pycnonotus jocosus*	4	12.10 pm	26°46'39.21"N	89°29'31.32"E	Jamun	between 9 and 10	
9	Lineated Barbet	*Megalaima lineata*	1	12.45 pm	26°46'35.94"N	89°29'28.88"E	Haritaki	10	
10	Golden fronted leaf bird	*Chloropsis aurifrons*	1	1.15 pm	26°46'48.10"N	89°29'31.33"E	Lapche	3	
11	Black Hooded Oriole	*Oriolus xanthornus*	1	1.16 pm	26°46'48.19"N	89°29'31.32"E	Lapche	3	
12	Red Breasted Parakeet	*Psittacula alexandri*	1	1.30 pm	26°46'51.34"N	89°29'29.32"E	Simul	2	
13	Great Indian Hornbill	*Buceros bicornis*	2	1.42 pm	26°46'54.34"N	89°29'29.96"E		2	flying
14	Alexandrine parakeet	*Psittacula eupatria*	4+	2.11 pm	26°46'53.26"N	89°29'29.65"E	Simul	2	
15	Black Hooded Oriole	*Oriolus xanthornus*	1	2.45 pm	26°46'52.77"N	89°29'27.90"E		2	Call
16	Alexandrine parakeet	*Psittacula eupatria*	5+	2.54 pm	26°46'53.62"N	89°29'29.06"E	Simul	2	
Data collected by:		**Tayan Das, Saikat Manna**							

Day 2

Date:	11.03.2021		Weather:	Sunny		Plot name:	Adma-2		
Range:	Pana		Beat:	Adma		Division:	BTR West		
Block	Adma-2		Start time:	7.15 am		End Time:	3.00 pm		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Red Breasted Parakeet	*Psittacula alexandri*	5+	7.35 am	26°46'52.34"N	89°29'26.41"E		Adjacent to Subplot 2	Flying
2	Taiga flycatcher	*Ficedula albicilla*	1	8.05 am	26°46'46.50"N	89°29'27.58"E	Kala Sirish	6	
3	Blue Throated Barbet	*Megalaima asiatica*	1	8.20 am	26°46'46.12"N	89°29'29.66"E		6	Flying
4	Green billed Malkoha	*Phaenicophaeus tristis*	2	8.22 am	26°46'45.91"N	89°29'29.74"E	Angare	6	
5	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	8.23 am	26°46'45.88"N	89°29'29.78"E	Fata lali	6	
6	Rufous woodpecker	*Micropternus brachyurus*	1	8.50 am	26°46'44.74"N	89°29'30.02"E	Dead tree	6	
7	Red Whiskered Bulbul	*Pycnonotus jocosus*	4	9.11 am	26°46'43.47"N	89°29'29.01"E	Lapche	8	
8	Lineated Barbet	*Megalaima lineata*	1	9.13 am	26°46'43.60"N	89°29'29.10"E		8	Call
9	Black Hooded Oriole	*Oriolus xanthornus*	1	9.14 am	26°46'43.59"N	89°29'29.20"E		8	Call
10	Red Breasted Parakeet	*Psittacula alexandri*	1	10.01 am	26°46'43.73"N	89°29'31.65"E		7	Flying
11	Spotted dove	*Spilopelia chinensis*	1	10.05 am	26°46'43.80"N	89°29'31.28"E	Katus	7	
12	Rufous-necked Laughingthrush	*Pterorhinus ruficollis*	1	10.20 am	26°46'44.11"N	89°29'32.27"E	Bush	7	
13	Black Hooded Oriole	*Oriolus xanthornus*	1	10.21 am	26°46'44.12"N	89°29'32.41"E		7	Call
14	Grey headed Canary Flycatcher	*Culicicapa ceylonensis*	1	11.01 am	26°46'43.45"N	89°29'33.63"E	Dead tree Branch	7	
15	Black Crested Bulbul	*Pycnonotus flaviventris*	1	10.09 am	26°46'42.09"N	89°29'34.25"E	Lapche	Adjacent to Subplot 7	Call
16	Chesnut tailed Starling	*Sturnia malabarica*	3	10.12 am	26°46'41.69"N	89°29'34.02"E	Moyna	Adjacent to Subplot 7	
17	Brown Shrike	*Lanius cristatus*	1	12.01.pm	26°46'44.18"N	89°29'33.75"E	Bush	7	
18	Pied HornBill	*Anthracoceros albirostris*	2	1.10 pm	26°46'44.82"N	89°29'34.22"E		Adjacent to Subplot 5	Flying
19	Slaty-backed Forktail	*Enicurus schistaceus*	1	1.50 pm	26°47'2.56"N	89°29'20.19"E	On Ground	Outside the main plot	
20	Plumbeous water Redstart	*Phoenicurus fuliginosus*	1	2.07pm	26°47'1.96"N	89°29'16.22"E	On Ground	Outside the main plot	
21	River Lapwing	*Vanellus duvaucelii*	4	2.07 pm	26°47'1.91"N	89°29'16.18"E	On Ground	Outside the main plot	
Data collected by:		**Tayan Das, Saikat Manna**							

8. Documentation of Bird species in Santalabari day wise

Day 1

Date:	**13.03.2021**		**Weather:**	**Sunny**		**Plot name:**	**Santalabari 2**		
Range:	**Buxa Duar**		**Beat:**	**Santalabari**		**Division:**	**BTR East**		
Block	**Santalabari 2**		**Start time:**	**6.45 am**		**End Time:**	**2.30 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Black Hooded Oriole	*Oriolus xanthornus*	1	7.05 am	26°44'1.07"N	89°34'33.45"E	Lapche	Adjacent to Subplot 1	
2	Red Breasted Parakeet	*Psittacula alexandri*	3	7.24 am	26°44'0.23"N	89°34'36.89"E		Adjacent to Subplot 1	Flying
3	Greater Yellownape Woodpecker	*Chrysophlegma flavinucha*	1	8.01 am	26°43'58.07"N	89°34'39.91"E	Jamun	2	
4	Scarlet minivet	*Pericrocotus speciosus*	7+	8.15 am	26°43'57.16"N	89°34'41.93"E	Pithali	Adjacent to Subplot 2	
5	Black Crested Bulbul	*Pycnonotus flaviventris*	1	8.25 am	26°43'55.73"N	89°34'41.49"E	Pithali	Adjacent to Subplot 2	
6	Pale Blue flycatcher	*Cyornis unicolor*	1	9.04 am	26°43'53.07"N	89°34'40.12"E	Bush	4	
7	Green billed Malkoha	*Phaenicophaeus tristis*	1	9.35 am	26°43'53.57"N	89°34'37.89"E	Lapche	4	
8	Lineated Barbet	*Megalaima lineata*	1	9.37 am	26°43'53.55"N	89°34'37.76"E		4	Call
9	Golden fronted leaf bird	*Chloropsis aurifrons*	1	10.07 am	26°44'0.29"N	89°34'34.16"E	Rasune lali	1	
10	Black Hooded Oriole	*Oriolus xanthornus*	1	10.10 am	26°44'0.12"N	89°34'35.23"E		1	Call
11	Great Indian Hornbill	*Buceros bicornis*	2	11.35 am	26°43'58.87"N	89°34'33.61"E		1	Flying
12	Alexandrine parakeet	*Psittacula eupatria*	4	12.40 pm	26°43'57.40"N	89°34'38.77"E		2	Flying
13	White rumped Shama	*Copsychus malabaricus*	1	12.51 pm	26°43'56.07"N	89°34'39.62"E	Rasune lali	2	
14	Eurasian Collered dove	*Streptopelia decaocto*	1	1.22 pm	26°43'57.34"N	89°34'34.31"E	Katus	3	
15	Alexandrine parakeet	*Psittacula eupatria*	2	1.45 pm	26°43'58.40"N	89°34'32.25"E		Adjacent to Subplot 1	Flying
16	Blue winged minla	*Actinodura cyanouroptera*	1	2.01 pm	26°43'57.56"N	89°34'30.66"E	Bush	Outside the main plot	
17	White capped water redstart	*Phoenicurus leucocephalus*	1	2.07 pm	26°43'57.24"N	89°34'30.15"E	On ground	Outside the main plot	
18	White wagtail	*Motacilla alba*	1	2.08 pm	26°43'57.25"N	89°34'30.11"E	On ground	Outside the main plot	
Data collected by:		**Tayan Das, Saikat Manna**							

Day 2

Date:	14.03.2021		Weather:	Partly Sunny		Plot name:	Santalabari 2		
Range:	Buxa Duar		Beat:	Santalabari		Division:	BTR East		
Block	Santalabari 2		Start time:	6.50 am		End Time:	3.12 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Grey backed shrike	*Lanius tephronotus*	1	6.50 am	26°43'56.97"N	89°34'30.21"E	Bush	Outside the main plot	
2	Red Breasted Parakeet	*Psittacula alexandri*	2	7.05 am	26°43'56.86"N	89°34'31.69"E	Simul	Adjacent to Subplot 3	
3	Spangled drongo	*Dicrurus bracteatus*	1	7.15 am	26°43'54.50"N	89°34'32.74"E	Parari	5	
4	Eurasian Collered dove	*Streptopelia decaocto*	1	7.16 am	26°43'54.59"N	89°34'33.00"E	Parari	5	
5	Little Pied Flycatcher	*Ficedula westermanni*	1	7.34 am	26°43'53.38"N	89°34'32.48"E	Bush	5	
6	Streak Throated Spider hunter	Arachnothera magna	1	7.55 am	26°43'53.12"N	89°34'31.81"E	Bush	5	
7	Ashy woodswallow	*Artamus fuscus*	3	8.21 am	26°43'49.04"N	89°34'30.63"E	Dead tree	Adjacent to Subplot 9	
8	Rufous bellied niltava	*Niltava sundara*	1	8.37 am	26°43'47.30"N	89°34'29.97"E	Bush	Adjacent to Subplot 9	
9	Scarlet minivet	*Pericrocotus speciosus*	5+	9.01 am	26°43'46.60"N	89°34'32.73"E	Pithali	9	Flying
10	Golden spectacled warbler	*Seicercus burkii*	1	9.30 am	26°43'43.90"N	89°34'36.77"E	Bush	Adjacent to Subplot 10	
11	Black Crested Bulbul	*Pycnonotus flaviventris*	1	10.06 am	26°43'47.46"N	89°34'38.18"E	Parari	8	
12	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	10.33 am	26°43'49.95"N	89°34'40.09"E	Moyna	Adjacent to Subplot 6	
13	Lineated Barbet	*Megalaima lineata*	1	11.00 am	26°43'51.04"N	89°34'38.42"E		6	Call
14	Black Hooded Oriole	*Oriolus xanthornus*	1	11.02 am	26°43'51.21"N	89°34'38.47"E		6	Call
15	Red Breasted Parakeet	*Psittacula alexandri*	4+	12.32 pm	26°43'52.25"N	89°34'36.70"E		6	Flying
16	Great Indian Hornbill	*Buceros bicornis*	1	12.45 pm	26°43'51.86"N	89°34'39.66"E	Chilauney	6	
17	Asian Barred owlet	*Glaucidium cuculoides*	1	01.04 pm	26°43'52.33"N	89°34'40.13"E		6	
18	Black Hooded Oriole	*Oriolus xanthornus*	1	2.45 pm	26°43'56.07"N	89°34'30.82"E		Outside the main plot	Call
19	Collared falconet	*Microhierax caerulescens*	1	3.01 pm	26°43'57.11"N	89°34'29.44"E	Moyna	Outside the main plot	
20	Alexandrine parakeet	*Psittacula eupatria*	2	3.03 pm	26°43'57.15"N	89°34'29.32"E		Outside the main plot	Flying
Data collected by:		Tayan Das, Saikat Manna							

9. Documentation of Bird species in Mendabari day wise

Day 1

Date:	**13.03.2021**		**Weather:**	**Cloudy**		**Plot name:**	**Mendabari 5**		
Range:	**Chilapata**		**Beat:**	**Bania**		**Division:**	**Jaldapara WL**		
Block	**Mendabari 5**		**Start time:**	**9.15 am**		**End Time:**	**2.30 pm**		
Sl no	**Species name**	**Scientific name**	**No of individuals**	**Time of observation**	**Latitudes**	**Longitudes**	**Habitat**	**Subplot**	**Remarks**
1	Greater racket tailed drongo	*Dicrurus paradiseus*	1	9.15 am	26°35'54.35"N	89°22'57.55"E	Jarul	Outside the main plot	
2	Rufous treepie	*Dendrocitta vagabunda*	1	9.22 am	26°35'54.60"N	89°22'56.93"E	Kadam	Outside the main plot	
3	Golden Oriole	*Oriolus kundoo*	1	9.24 am	26°35'54.65"N	89°22'56.90"E	Jaam	Outside the main plot	
4	Black hooded Oriole	*Oriolus xanthornus*	1	10.12 am	26°35'59.26"N	89°22'43.04"E		Adjacent to Subplot 1	Call
5	Lineated Barbet	*Psilopogon lineatus*	1	10.41 am	26°35'57.61"N	89°22'42.56"E		Adjacent to Subplot 3	Call
6	Spotted Dove	*Spilopelia chinensis*	1	12.09 pm	26°35'59.80"N	89°22'37.99"E	Bohera	1	
7	Common Hill Myna	*Gracula religiosa*	2	12.30 pm	26°35'59.53"N	89°22'39.04"E	Dead tree	1	
8	Copper smith Barbet	*Psilopogon haemacephalus*	1	12.31 pm	26°35'59.54"N	89°22'39.04"E		1	Call
9	Crested serpent eagle	*Spilornis cheela*	1	1.15 pm	26°35'56.54"N	89°22'39.57"E	Kusum/Nokto	3	
10	Red Vented bulbul	*Pycnonotus cafer*	1	1.27 pm	26°35'57.88"N	89°22'37.26"E	Odal	3	
11	Oriental Magpie Robin	*Copsychus saularis*	1	2.15 pm	26°35'54.01"N	89°22'57.15"E	Toon	Outside the main plot	
12	Common Myna	*Acridotheres tristis*	3	2.16.pm	26°35'53.96"N	89°22'57.17"E	Simul	Outside the main plot	
13	Red breasted parakeet	*Psittacula alexandri*	5	2.21.pm	26°35'53.52"N	89°22'57.19"E		Outside the main plot	Flying
Data collected by:		**Ayan Roy Chowdhury, Sujoy**							

Day 2

Date:	14.03.2021		Weather:	Sunny		Plot name:	Mendabari 5		
Range:	Chilapata		Beat:	Bania		Division:	Jaldapara WL		
Block	Mendabari 5		Start time:	9.00 am		End Time:	2.20 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Black hooded oriole	*Oriolus xanthornus*	1	9.25 am	26°35'50.35"N	89°22'46.62"E		Outside the main plot	Call
2	Red breasted parakeet	*Psittacula alexandri*	3	10.12 am	26°35'54.00"N	89°22'32.93"E		6	Flying
3	Spotted Dove	*Spilopelia chinensis*	2	10.12 am	26°35'54.00"N	89°22'32.93"E	Kadam	6	
4	Yellow footed green pigeon	*Treron phoenicoptera*	2	11.05 am	26°35'52.85"N	89°22'38.11"E	Odal	7	
5	Lesser adjutant stork	*Leptoptilos javanicus*	1	12.23 pm	26°35'50.52"N	89°22'37.98"E		9	Flying
6	Oriental pied hornbill	*Anthracoceros albirostris*	1	12.53 pm	26°35'49.83"N	89°22'41.68"E		9	Flying
7	Emerald dove	*Chalcophaps indica*	1	1.06 pm	26°35'52.63"N	89°22'42.16"E		7	Flying
8	Oriental Dollarbird	*Eurystomus orientalis*	1	1.21 pm	26°35'53.04"N	89°22'43.90"E	Simul	Adjacent to Subplot 7	
9	Golden fronted leafbird	*Chloropsis aurifrons*	1	1.59 pm	26°35'53.82"N	89°22'51.55"E	Totola	Outside the main plot	
10	Black drongo	*Dicrurus macrocercus*	1	2.12 pm	26°35'53.08"N	89°22'57.47"E		Outside the main plot	Flying
Data collected by:		Ayan Roy Chowdhury, Sujoy							

Day 3

Date:	15.03.2021		Weather:	Sunny		Plot name:	Mendabari 5		
Range:	Chilapata		Beat:	Bania		Division:	Jaldapara WL		
Block	Mendabari 5		Start time:	9.30 am		End Time:	12.45 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Red breasted Parakeet	*Psittacula alexandri*	2	9.45 am	26°35'52.33"N	89°22'49.61"E	Simul	Outside the main plot	
2	Spotted Dove	*Spilopelia chinensis*	1	10.09 am	26°35'51.55"N	89°22'45.88"E	Odal	Outside the main plot	
3	Black hooded Oriole	*Oriolus xanthornus*	1	11.02 am	26°35'50.57"N	89°22'36.59"E		9	Call
4	Black Crested bulbul	*Rubigula flaviventris*	1	11.35 am	26°35'50.16"N	89°22'32.82"E	Bush	9	
5	Black hooded Oriole	*Oriolus xanthornus*	1	12.04 pm	26°35'49.38"N	89°22'34.52"E	Pithali	9	
6	Yellow footed Green Pigeon	*Treron phoenicoptera*	1	12.26 pm	26°35'47.96"N	89°22'33.18"E	Simul	Adjacent to Subplot 9	
7	Asian Koel	*Eudynamys scolopaceus*	1	12.40 pm	26°35'51.97"N	89°22'53.93"E		Outside the main plot	Call
8	Copper smith Barbet	*Psilopogon haemacephalus*	2	12.40 pm	26°35'51.97"N	89°22'53.93"E		Outside the main plot	Call
Data collected by:		Ayan Roy Chowdhury, Sujoy							

10. Documentation of Bird species in Titi day wise

Day 1

Date:	16.03.2021		Weather:	Sunny		Plot name:	Titi 4		
Range:	Lonkapara		Beat:	Hollapara		Division:	Jaldapara WL-III		
Block	Titi 4		Start time:	9.15 am		End Time:	2.45 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Green Imperial Pigeon	*Ducula aenea*	1	9.30 am	26°45'15.11"N	89°18'36.15"E	Simul	1	
2	Spangled Drongo	*Dicrurus bracteatus*	1	11.02 am	26°45'9.09"N	89°18'37.56"E	Simul	3	
3	Alexandrine Parakeet	*Psittacula eupatria*	4	11.12 am	26°45'7.50"N	89°18'38.46"E		3	Flying
4	Jungle Babler	*Turdoides striata*	6+	1.15 pm	26°45'2.86"N	89°18'42.84"E	On ground	5	
5	Common Hill Mayna	*Gracula religiosa*	1	2.18 pm	26°45'13.83"N	89°18'36.82"E		1	Call
6	Lineated Barbet	*Megalaima lineata*	1	2.26 pm	26°45'14.12"N	89°18'38.82"E		1	Flying
Data collected by:		Ayan Roy Chowdhury, Sujoy							

Day 2

Date:	17.03.2021		Weather:	Sunny		Plot name:	Titi 4		
Range:	Lonkapara		Beat:	Hollapara		Division:	Jaldapara WL-III		
Block	Titi 4		Start time:	8.30 am		End Time:	3.00 pm		
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Alexandrine Parakeet	*Psittacula eupatria*	6	8.47 am	26°44'57.97"N	89°18'47.06"E		Adjacent to subplot 7	Flying
2	Chestnut tailed starling	*Sturnia malabarica*	4	8.50 am	26°44'57.71"N	89°18'46.81"E	Simul	Adjacent to subplot 7	
3	Greater racket tailed drongo	*Dicrurus paradiseus*	1	10.01 am	26°44'57.08"N	89°18'44.32"E	Bogdo	7	
4	Red Whiskered Bulbul	*Pycnonotus jocosus*	2	12.05 pm	26°44'57.95"N	89°18'45.74"E	Jarul	7	
5	Black Crested Bulbul	*Pycnonotus flaviventris*	1	12.37 pm	26°44'51.84"N	89°18'48.15"E	Jarul	9	
6	Black Hooded Oriole	*Oriolus xanthornus*	1	12.41 pm	26°44'51.76"N	89°18'48.10"E		9	Call
7	Oriental honey buzzard	*Pernis ptilorhynchus*	1	2.43 pm	26°44'49.70"N	89°18'50.46"E		Adjacent to subplot 9	Flying
Data collected by:		Ayan Roy Chowdhury, Sujoy							

Day 3

Date:	18.03.2021		Weather:	Sunny		Plot name:	Titi 4		
Range:	Lonkapara		Beat:	Hollapara		Division:	Jaldapara WL-III		
Block	Titi 4		Start time:	8.45 am		End Time:			
Sl no	Species name	Scientific name	No of individuals	Time of observation	Latitudes	Longitudes	Habitat	Subplot	Remarks
1	Indian Peafowl	*Pavo cristatus*	1	8.52 am	26°44'48.80"N	89°18'50.52"E	On ground	Adjacent to subplot 10	
2	Lesser Yellownape Woodpecker	*Picus chlorolophus*	1	9.17 am	26°44'48.88"N	89°18'49.74"E	Simul	10	
3	Red Jungle fowl	*Gallus gallus*	1	9.32 am	26°44'48.55"N	89°18'47.55"E	On ground	Between subplot 9 and 10	
4	Black Hooded Oriole	*Oriolus xanthornus*	2	11.02 am	26°44'47.12"N	89°18'49.72"E	Pithali	10	
5	Lineated Barbet	*Megalaima lineata*	1	11.22 am	26°44'46.69"N	89°18'48.84"E		10	Call
6	Oriental Pied HornBill	*Anthracoceros albirostris*	2	12.05 pm	26°44'45.00"N	89°18'47.87"E		Adjacent to subplot 10	Flying
7	Lesser adjutant	*Leptoptilos javanicus*	1	12.11 pm	26°44'44.94"N	89°18'47.74"E		Adjacent to subplot 10	Flying
Data collected by:		Ayan Roy Chowdhury, Sujoy							