

IWOKRAMA INTERNATIONAL CENTRE FOR RAINFOREST  
CONSERVATION AND DEVELOPMENT

# SUA MANAGEMENT LEVEL INVENTORY REPORT

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## 1. Introduction

The management level inventory of Iwokrama's Sustainable Use Area (SUA) was carried out in the period from March to June of 2003, as part of the ITTO Project – PD 10/97 Rev.1 (F). Inventory design, methodology and data processing procedures were developed in strict collaboration with the Guyana Forestry Commission (GFC). The GFC also assisted with crew training, provided key personnel to assist with the fieldwork and carried out consistency checks during the course of the inventory.

This inventory report provides details on the methodology used in the design, execution and data processing stages, as well as a discussion of the results obtained. Transect Location Details, Booking Sheets and Codes used, Species List and Stand and Stocking Tables are included in the Appendices.

The final inventory map of the Net Operable Area shows the four commercial forest types, the grid network and the transect locations. The map is attached under separate cover.



## 2. Methodology

### 2.1 Objective

The objective of the management level inventory of the Iwokrama Forest net SUA is to provide an adequate estimate of the timber and NTFP resources to permit Iwokrama to carry out a technical-economical feasibility study for sustainable forest management and to prepare their Sustainable Forest Management Plan.

All work related to the forest inventory was carried out to ensure full compliance with the guidelines and procedures established by the GFC and ITTO, as well as to adhere to the wider concepts encompassed by Iwokrama itself.

### 2.2 Net Operable Area

The Net Operable Area (NOA) is defined as the net area capable of supporting sustainable and economical harvesting operations within the SUA. The NOA, therefore, would be the area subjected to the management level inventory. The NOA was determined by excluding the following non-operable and non-commercial areas from the SUA:

- Reserves for Eco-tourism sites and wildlife habitat viewing;
- Reserves for special use areas (Fairview Village, Field Station, airstrip);
- Reserves for cultural and archaeological sites;
- Buffers for main rivers: Essequibo, Siparuni and Burro Burro (30 m both sides);
- Buffers for roads and secondary watercourses (20 m both sides);
- Slopes >40% extending for more than 30 m;
- Small, isolated (inaccessible) stands;
- Non-commercial forest types.

**Table 1**  
**Iwokrama NOA by Commercial Forest Type**

Commercial Forest Type	Code	Net Area - ha
Mixed Greenheart, Black Kakaralli, Wamara Forest	MGK	61,279
Mixed Greenheart, Sand Baromalli, Soft Wallaba Forest	MGB	16,193
Mora, Manicole, Crabwood, Trysil Forest	MMC	33,084
Wallaba Forest	WF	6,007
<b>TOTAL NOA – ha</b>		<b>116,563</b>

## **2.3 Inventory Design**

### **2.3.1 Sampling Intensity**

Forest sampling is normally carried out to a specified sampling error at a given confidence level, designed to ensure the best possible estimate of forest composition for the forest owner's requirements (i.e. Management Plan).

The GFC's stated minimum requirement for management level inventories is a sampling error (SE) of 15%, at a confidence level of 95%.

The standard formula for determining the number of samples (sampling intensity or sample size) required to meet a specified sampling error at a given confidence level is as follows:

$$n = (t^2 \times CV^2) / SE^2$$

where:        n = the number of samples required  
               t = 1.962 for 95% probability  
               CV = coefficient of variation (%)  
               SE = sampling error (%)

In the case of the Iwokrama Forest, based on the SUA 2002 inventory, the CV was calculated at 68%. Using the above formula would result in a total of 79 primary samples required to meet the GFC's sampling error and confidence level requirements.

However, inventories of very large areas will likely require an increase in sampling intensity in order that important resources receive sufficient samples to produce meaningful results. Therefore, in order to ensure adequate coverage, Iwokrama and the GFC agreed to a sample size sufficient to attain the 15% SE for a possible CV of 100%. This would require a total of 171 primary sample points, located on a uniform grid. Stand variability was monitored closely during the course of the inventory to ensure that the 15% SE at 95% probability would be achieved.

### **2.3.2 Sampling Design**

The management level inventory used a multistage, stratified, probability proportional to size sampling design. The advantage of this design is that it tends to reduce the sampling error while using the same sample intensity or achieve the same error with fewer samples.



The design used stands (forest type polygons) as the Primary Sampling Unit (PSU), using probability proportional to size (pps) sample selection. The Secondary Sampling Unit (SSU) utilized to sample each selected PSU was composed of a transect containing 10, evenly spaced, 0.1 ha fixed radius circular plots (total SSU size = 1.0 ha).

### 2.3.3 Sample Location and Layout

Using a randomly selected start point, a 2.625-km x 2.625-km grid was superimposed over a stratified forest cover map of the NOA, resulting in the selection of 171 PSU's (1,710 tenth ha plots). Only those stands where a grid intersection was located were sampled in the field. Grid points that fell in river or road buffer zones were rejected.

Each grid intersection served as the randomly selected point for locating the transect (SSU) used to sample the stand. Transects either began at, ended at or passed through the grid intersection points. The bearing of each transect was selected to cross contours or patterns of variation where possible or along the longest axis of the stand in which it was located. In stands containing more than one transect, care was taken to ensure that the transects did not cross each other. Transect lengths were set at 2 kilometers and the spacing between plot centers of the 10 plots along the transect was set at 200 m. In some cases, where the size or shape of the polygon did not permit the establishment of a straight-line transect of 2 km, the ricochet method was employed. *(The transect starts off on a cardinal bearing from the grid point and continues until it reaches the polygon boundary, where it will ricochet back into the polygon at a 45° angle, repeating this process as many times as is necessary to reach the desired total length.)* **Appendix I** contains the Transect Detail sheets, which summarize bearing, transect length and final number of samples per transect.

Each 0.1 ha circular plot contains a nested 0.02 ha circular sub-plot for measuring regeneration and mortality. The 0.1 ha main plot has a radius of 17.84 m and the 0.02 ha nested sub-plot has a radius of 7.98 m, measured from the plot center.

**Table 2**  
**Sample Distribution by Forest Type**

<b>Forest Type Code</b>	<b># Primary Samples</b>
MGK	88
MGB	25
MMC	48
WF	10
<b>TOTALS</b>	<b>171</b>

## **2.4 Inventory Field Procedures**

### **2.4.1 Inventory Crews**

Each inventory field crew was composed of seven persons as per the GFC Field Procedures for Sampling Inventory. The positions are:

- Crew leader/booker: overall responsibility for the crew and the quality of work; responsible for completing the booking sheets;
- Tree spotter: responsible for identifying tree species common names, as well as assisting with tree measurements and determining risk classes;
- Transect booker: responsible for supervising transect line cutting and marking, plot location and recording transect information on the transect sheet;
- Plot crew (2): responsible for laying out the plots and sub-plots, as well as assisting with tree measurements;
- Transect crew (2): responsible for transect line cutting and marking.

### **2.4.2 Transect Establishment**

Transect locations, relative to the grid intersection points, were pre-established in the office and drawn on the field maps. Transect detail sheets were prepared, showing transect (grid point) number, GPS co-ordinates, forest type, bearing and position relative to each grid point. Field crews located their assigned grid points using GPS units, taking readings from the nearest open area that permitted accurate readings. The crews then completed the navigation to the transect start point using compasses and 50 m measuring tapes.



Transect lines were cut with cutlasses and marked with stakes and flagging, noting accumulated distance every 50 m. Plot centers were marked at 200 m intervals, unless they fell within stream or road buffer zones, in which case they were moved forward along the transect line in 25 m increments. Subsequent plots were again established at 200-m intervals.

### **2.4.3 Plot and Sub-plot Layout**

Plot and sub-plot radii were measured from the plot center, using a 30 m tape. Eight equally spaced measurements were made for each and marked on the ground. Additional measurements were made, as required, for borderline trees.

Plot trees were marked, measured and recorded consecutively, in a clockwise manner, beginning at the point where the transect line exits the plot.

In the main plot, all trees over 40 cm were numbered with paint and marked with a paint line at the point where dbh was measured. The sub-plot trees (10 - 40 cm) were not numbered but were marked with a paint line at dbh.

### **2.4.4 Data Collection**

Transect identification information and topographical data were recorded on the Transect Booking form. Plot identification information and tree data were recorded on the Sample Plot Booking form. Examples of both forms, as well as the codes used, are included in **Appendix II**.

#### Transect Identification

- Crew leader name (initials)
- Date
- Stand description (forest type)
- GPS coordinates of grid intersection point
- Grid point or transect number
- Description of transect start point
- GPS locations of transect start and end points (if possible)
- Transect bearing(s)
- Transect length
- Number of plots on transect and plot spacing
- Slope % (along bearing of Transect line)

#### Main Plot (0.1 ha) Identification

- Crew leader name (initials)

- Date
- Transect and plot numbers
- Transect distance to plot center (accumulated)
- GPS location of plot center (if possible)
- Forest type code
- Slope % (of aspect)
- Aspect (N, NE, E, SE, S, SW, W, NW)
- Disturbance (per GFC codes)
- Soils (per GFC codes)
- Canopy closure (per GFC codes)
- General plot observations

Main Plot Tree Data (all live trees > or = 40 cm)

- Species common name or code (or "unknown")
- Dbh, measured to 0.1 cm
- Estimated commercial bole length of all trees, to 0.5 m
- Risk code (bole defect and form)
  - 1 (sound, good form)
  - 2 (slight defect or form affecting < 20% of volume)
  - 3 (moderate defect or form affecting > 20% and < 50% of volume)
  - 4 (heavy defect or form affecting > 50% of volume)
  - 5 (cull)
- Stumps
  - Species
  - Dbh (cm)
  - Height (cm)
- NTFP data
  - Palms (species and indication of harvestability)
  - Presence of Kufa vines, name of host tree, indication of harvestability
  - Presence of Nibbi vines, name of host tree, indication of harvestability
  - Presence of other lianas, name of host tree, indication of harvestability
  - Other NTFP's (fruits, orchids, etc.)
- Animals (mammals, birds, reptiles, amphibians and fish)
  - Arboreal, Terrestrial or Aquatic
  - Name (if possible)
  - Signs or sighting

Sub-Plot Tree Data (all live trees > or = 10 cm and < 40 cm)

- Species common name or code, including palms (or "unknown")
- Dbh measured to 0.1 cm
- Risk code (bole defect and form)
  - 1 (sound, good form)
  - 2 (slight defect or form affecting < 20% of volume)
  - 3 (moderate defect or form affecting > 20% and < 50% of volume)
  - 4 (heavy defect or form affecting > 50% of volume)
  - 5 (cull)
- Estimated commercial bole length of trees > 30 cm, to 0.5 m



## **2.4.5 Consistency Check**

GFC personnel carried out a 2% consistency check of the field sampling. This check covered all crews. The consistency check parameters are as follows:

- Tree count – 10% difference permitted per plot
- Stump count – 10% difference permitted per plot
- Species identification – 20% difference permitted per plot
- DBH (+/- 2 cm) – 10% difference permitted per plot
- Bole length (+/- 2 m) – 20% difference permitted per plot
- Risk class – 20% difference permitted per plot
- Soil type – 10% difference permitted per plot
- Disturbance – 10% difference permitted per plot

## **2.5 Data Processing**

### **2.5.1 Database and Data Entry Program**

A relational database was designed to store the inventory and consistency check data. This data was entered through an MS Access program that was developed to facilitate the data entry and processing.

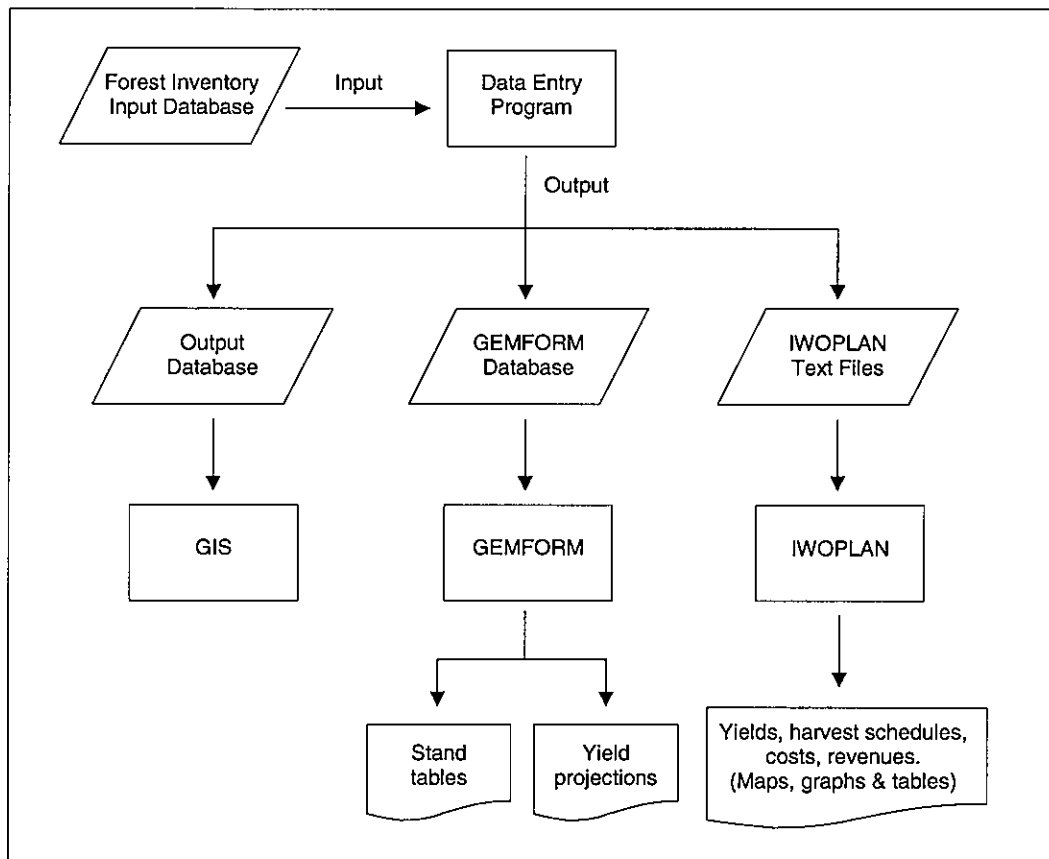
The data entry program, which is linked to the database, contains the data entry forms and routines that allow the user to search for possible data entry errors, to generate progress reports and to produce the consistency check comparison report. This program also creates the Access database needed for GEMFORM and the text files needed for IWOPLAN (Figure 1).

### **2.5.2 Tree Volume**

Form Factor was the volume model used to estimate tree volumes. Form factor is defined as the ratio of tree volume to the volume of a cylinder of the same diameter and height. It tends to vary with diameter and between species. However these effects are usually weak, and an average form factor is a reliable way of estimating volume (Alder, 2000).

An average form factor of 0.63 was used to estimate volume net of defect, under-bark, to 30 cm minimum top diameter. Denis Alder developed this mean form factor in a study using 1,800 sample trees from IFP (Interim Forestry Project) data provided by the GFC.

**Figure 1**  
**System Flowchart**



### 2.5.3 Compilation

The Data Entry Program generates a database with output tables containing stocking, basal area and volume by species, diameter classes, bole length classes and quality classes. This output database can be used to link to the GIS.

The Data Entry Program also generates a database with input tables ready to be used by GEMFORM. GEMFORM is a computer program, used by the GFC, for processing data from forest inventories and stock surveys. It produces stand tables of species by size or quality classes for number of trees, basal area and volume. These tables can also include sampling error and reliable minimum estimates based on the statistical assumptions of stratified random sampling. The stand tables presented in **Appendix IV** were generated using GEMFORM. GEMFORM also includes a cohort-based growth model specifically designed for stand projections (Alder 2001).

The Data Entry Program also updates the two text files used by IWOPLAN. These two text files are the forest inventory stand table file called *sttab.iwd* and the species list section in the default scenario file called *default.iwp*. Both text files give a description of each forest type in terms of species and number of stems by diameter class. IWOPLAN is a computer software designed to assist in planning the sustainable production of forest resources. Iwokrama has developed this model, designed to calculate yields, harvest schedules, costs and net revenues (Alder 2002).

### 3. Results

#### 3.1 Methodology Variations

Typically, with forest inventories of this size and intensity, circumstances arise that result in variations to the original designed methodology. These variations can be manageable so long as they do not unduly affect the desired outcome or statistical validity of the results, as is the case here. It is important, however, that these variations be documented.

##### 3.1.1 Inventory Design

Due to flooding along the upper reaches of the Siparuni and Burro Burro Rivers, 21 transects could not be established. Thus, the total number of transects was reduced to 150. This did not unduly affect the desired sampling error, which remained well below the required 15%. **Table 3** shows the revised sample distribution.

**Table 3**  
**Revised Sample Distribution by Forest Type**

Forest Type Code	# Primary Samples
MGK	74
MGB	26
MMC	40
WF	10
<b>TOTALS</b>	<b>150</b>

Also, a number of transects do not contain 10 plots, either due to flooding or to other factors such as accessibility and type changes. This variation was accounted for during compilation. The actual number of plots by transect is shown in the Transect Detail in **Appendix I**.

One, very small, forest type polygon would not allow the 200 m plot spacing. Therefore, in order to maintain sample size, plot spacing on this transect was reduced to 150 m.

### 3.1.2 Data Collection

The first consistency check was conducted more than two weeks after inventory start-up due to accessibility problems on the Georgetown – Lethem Road. During this first check, some confusion was encountered among the crews regarding the correct coding for tree risk. Some crews were using the new risk codes designed for this inventory (see Section 2.4.4) and some were using the standard GFC codes (see **Appendix II – Codes**). As a result, a decision was made at that time to use only the GFC codes. Due to this inconsistency and code change part way through the inventory, fully reliable volume data can only be expected for trees with a risk class of 1, which is the same using both coding systems.

Although much time was spent in the training of tree spotters to ensure consistency in the use of common tree names, many variations were recorded on the booking sheets. Consultation with the GFC's botanist revealed that a number of different common names were used for the same species and, conversely, that one common name could apply to a number of different species. To date, the botanist has not been able to apply scientific names to all of the species recorded in the inventory.

### 3.2 Consistency Check Results

Although the GFC has indicated satisfaction with the quality of Iwokrama's management level inventory, the Consistency Check Report had not been completed at the time of writing this inventory report. The check results will be presented under separate cover.

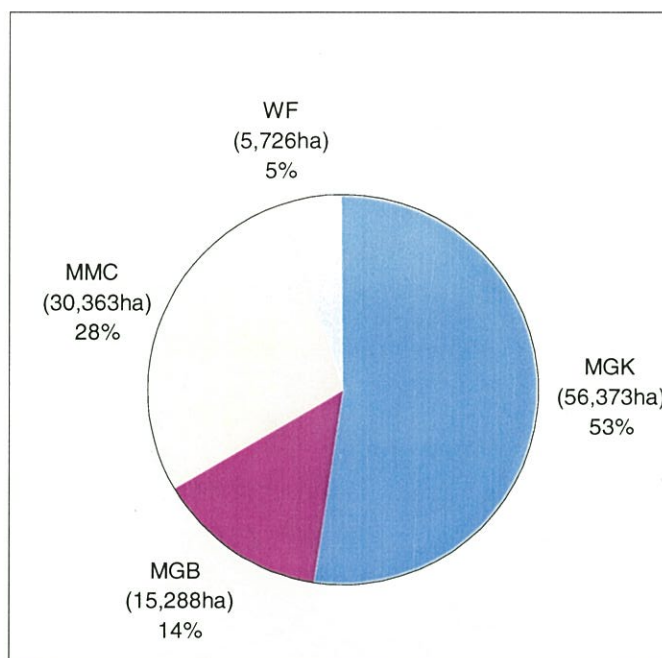
### 3.3 Area

As previously mentioned, part of the NOA could not be sampled due to early flooding. The unsampled areas were:

- Transects 1, 3, 5, 6, 7 and 10 - along the upper Burro Burro River, at the South end of the SUA;
- Transects 32, 33, 34, 41, 42, 43, 44, 52 and 53 - along the upper Siparuni River, on the West side of the SUA;
- Transects 90, 104, 116, 117, 128 and 129 - in the North-Central region, East of the Pakatau Hills.

The unsampled areas along the Burro Burro and Siparuni Rivers were temporarily removed from the NOA. As the North-Central region was adequately sampled even without the dropped transects, this area was kept in the NOA. **Figure 2** shows the revised distribution of Net Operable Area by forest type.

**Figure 2**  
**Area by Forest Type**



The revised Net Operable Area for purposes of sustainable harvesting, following the temporary removal of the non-sampled areas, is now 107,750 ha. The Mixed Greenheart forest types (MGK and MGB) make up two-thirds (67%) of the Net Operable Area.

### 3.4 Stocking

**Table 4** shows the stocking (trees/ha) summary by species group and diameter class for all forest types. There are 307.4 commercial stems/ha and 178.7 non-commercial stems/ha, >10 cm, for a total of 486.1 stems/ha for all forest types. **Appendix IV** contains the detailed Stocking Tables, showing stocking by species for each forest type.

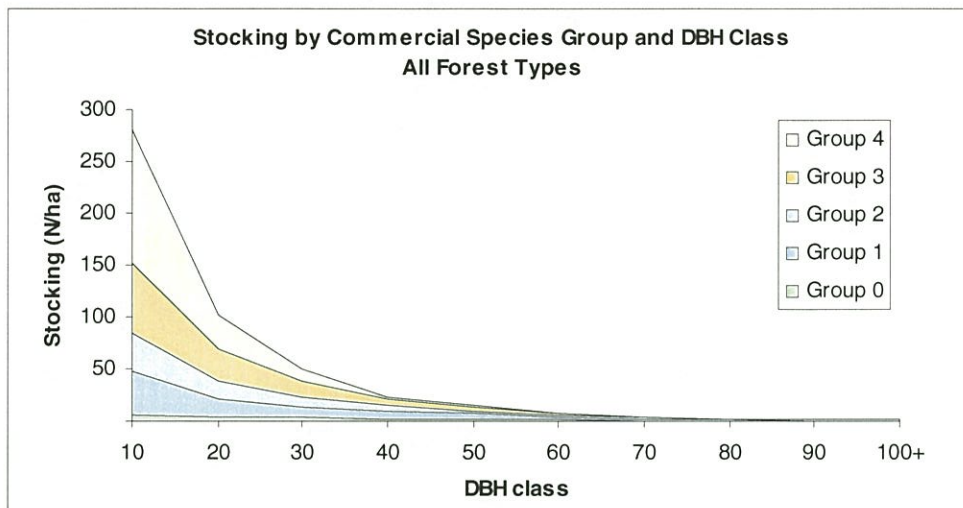
**Table 4**  
**Stand Table of Stocking (N/ha) for All Forest Types**

Species	Diameter class (cm)									
	10	20	30	40	50	60	70	80	90	100+
Group 0	5.18	3.46	3.11	2.58	2.24	1.37	.76	.39	.20	.17
Group 1	43.99	19.63	11.02	8.05	5.23	2.76	1.85	1.07	.56	.66
Group 2	33.87	14.55	9.39	4.75	3.06	1.75	.65	.28	.15	.07
Group 3	63.09	30.43	15.71	6.55	3.62	1.37	.42	.16	.11	.14
Group 4	120.68	30.59	11.27	3.59	1.27	.59	.27	.09	.08	.12
TOTAL	266.81	98.67	50.50	25.52	15.41	7.85	3.95	2.00	1.10	1.15

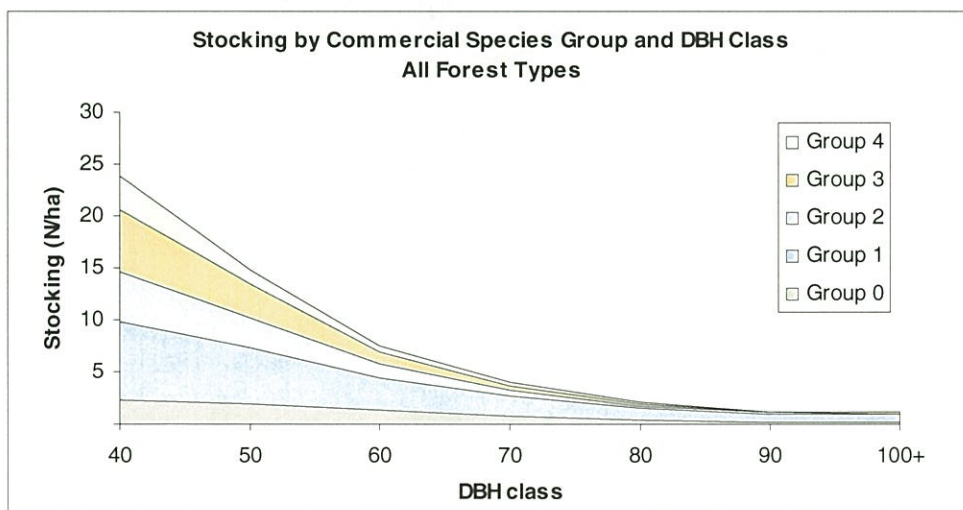


**Figure 3** graphically illustrates the typical diameter class distribution of a mixed tropical hardwood forest, with a large number of stems (431.4/ha) present in the smaller diameter classes (<40 cm), and only 54.7/ha >40cm, rapidly decreasing towards zero in the very large diameter classes (>70 cm). It is interesting to note that the non-commercial species group (Group 4) is the most abundant under 40 cm and all but disappears in the classes over 40 cm.

**Figure 3**  
All Trees/ha > 10cm



**Figure 4**  
Trees/ha > 40 cm



**Figure 4** provides a clearer graphic representation of stocking distribution for the commercial diameter classes (>40 cm).

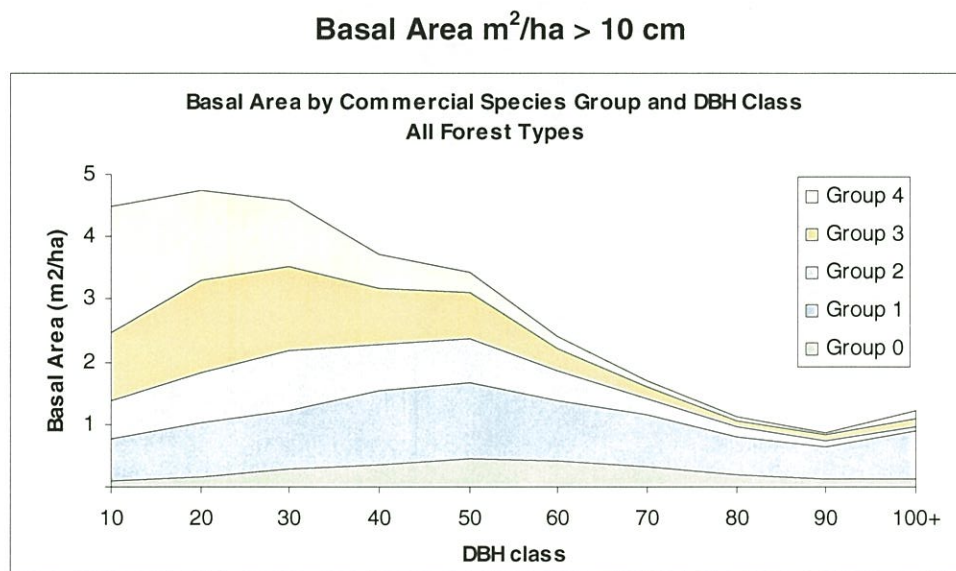
### 3.5 Basal Area

**Table 5** shows the basal area ( $m^2/ha$ ) summary by species group and diameter class for all forest types. There are 22.3  $m^2/ha$  for commercial species and 5.9  $m^2/ha$  for non-commercial species, >10 cm, for a total of 28.2  $m^2/ha$  for all forest types. There are 13.1  $m^2/ha$  of basal area for commercial species >40 cm. **Appendix IV** contains the detailed Basal Area Tables, showing  $m^2/ha$  by species for each forest type.

**Table 5**  
**Stand Table of Basal Area ( $m^2/ha$ ) for All Forest Types**

Species	Diameter class (cm)									
	10	20	30	40	50	60	70	80	90	100+
Group 0	.09	.16	.29	.36	.44	.42	.33	.19	.12	.12
Group 1	.70	.86	.94	1.17	1.23	.97	.84	.62	.51	.79
Group 2	.61	.82	.94	.76	.69	.48	.24	.14	.10	.07
Group 3	1.09	1.45	1.35	.90	.73	.36	.18	.10	.08	.11
Group 4	2.01	1.46	1.06	.52	.33	.17	.11	.07	.03	.12
TOTAL	4.50	4.74	4.58	3.70	3.42	2.40	1.70	1.12	.85	1.20

**Figure 5** provides a graphic representation of basal area/ha by species group and diameter class.



### 3.6 Volume

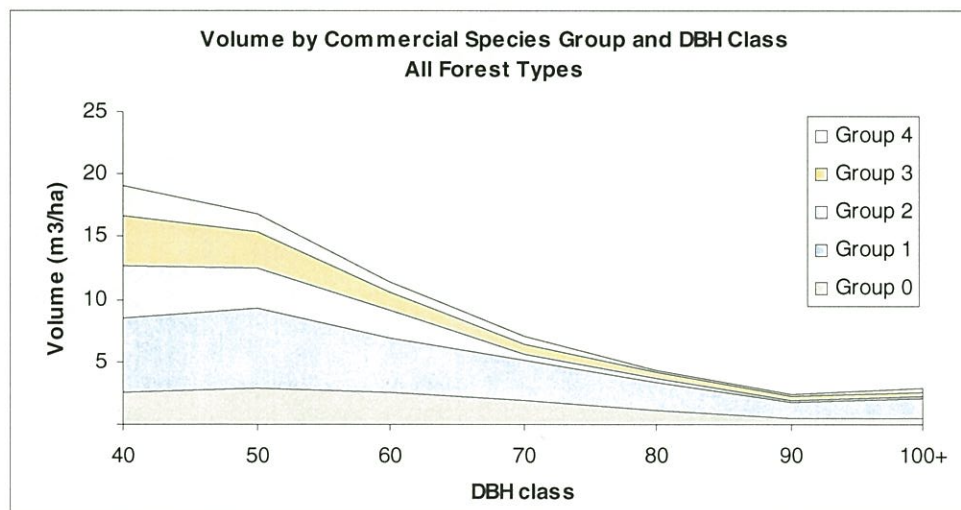
**Table 6** shows the volume ( $m^3/ha$ ) summary by species group and diameter class for all forest types. There are  $58.1 m^3/ha$  of commercial species and  $5.7 m^3/ha$  of non-commercial species,  $>40$  cm, for a total of  $63.8 m^3/ha$  for all forest types. **Appendix IV** contains the detailed Volume Tables, showing  $m^3/ha$  by species for each forest type.

**Table 6**  
**Stand Table of Volume ( $m^3/ha$ ) for All Forest Types**

Species	Diameter class (cm)							Total
	40	50	60	70	80	90	100+	
Group 0	2.51	2.89	2.49	1.84	1.12	.44	.46	11.75
Group 1	6.04	6.44	4.38	3.32	2.25	1.31	1.59	25.34
Group 2	4.06	3.19	2.24	.50	.37	.18	.16	10.70
Group 3	4.01	2.91	1.45	.81	.42	.31	.39	10.29
Group 4	2.37	1.41	.77	.51	.23	.15	.23	5.67
<b>TOTAL</b>	<b>18.99</b>	<b>16.83</b>	<b>11.33</b>	<b>6.99</b>	<b>4.39</b>	<b>2.39</b>	<b>2.83</b>	<b>63.75</b>

**Figure 6** provides a graphic representation of the distribution of volume/ha by diameter class for all trees over 40 cm dbh, in each species group.

**Figure 6**  
**Volume ( $m^3/ha$ )  $>40$  cm**



### 3.7 Summary of Timber Values

#### 3.7.1 Stocking, Basal Area and Volume

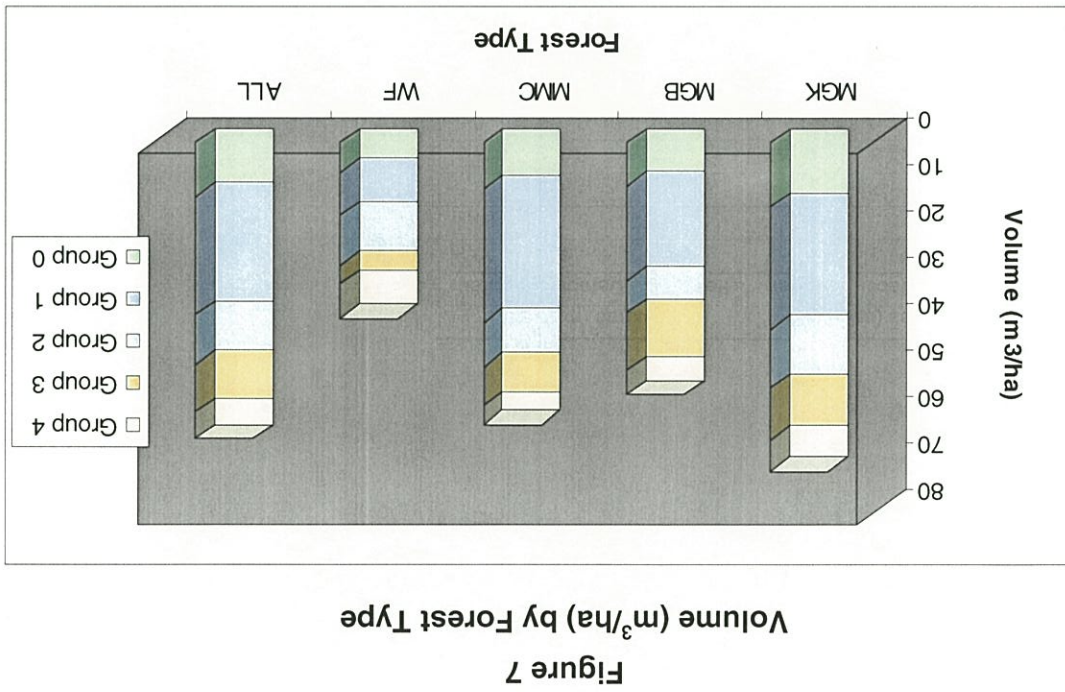
Table 7 provides a summary, by forest type, of the stocking, basal area and volume for each species group. These values are further broken down by quality – perfect trees (risk class 1) and trees with defects (risk classes 2-4).

**Table 7**  
**Summary by Forest Type**

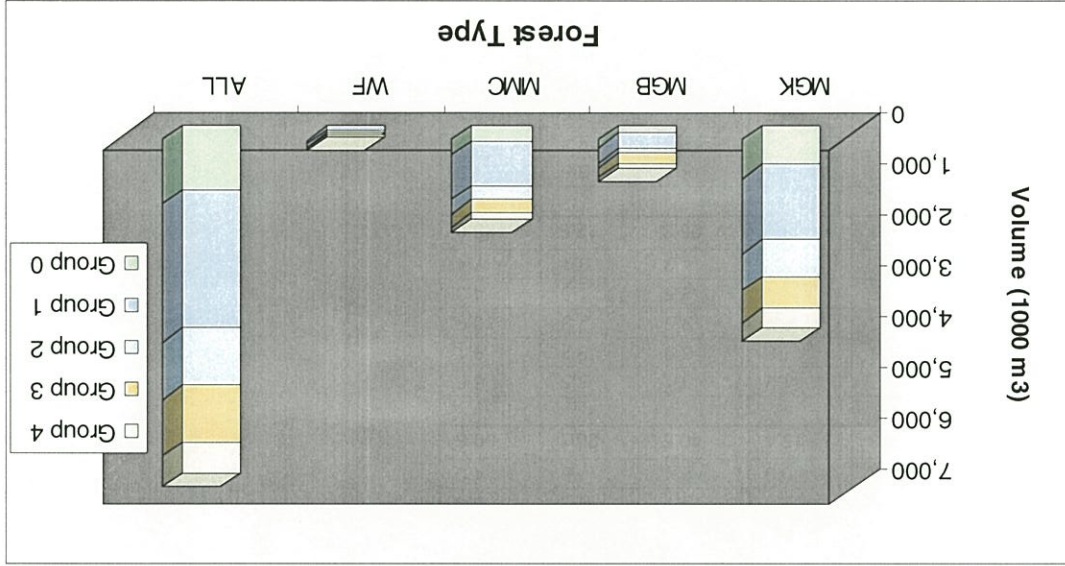
Forest Type	Species	Stock (N/ha)			Basal Area (m2/ha)			Volume (m3/ha)		
		Perfect	Defect	Total	Perfect	Defect	Total	Perfect	Defect	Total
MGK (56,373 ha)	Group 0	4.1	3.6	7.7	1.0	1.2	2.2	9.0	4.9	13.9
	Group 1	8.7	11.5	20.2	2.2	3.5	5.7	18.3	8.1	26.4
	Group 2	4.3	6.4	10.7	0.9	1.7	2.6	8.2	4.3	12.5
	Group 3	4.5	7.9	12.4	1.0	1.8	2.7	7.5	3.9	11.4
	Group 4	2.2	3.9	6.0	0.5	1.0	1.4	3.5	3.0	6.5
	<b>SubTotal (MGK)</b>	<b>23.7</b>	<b>33.3</b>	<b>57.0</b>	<b>5.6</b>	<b>9.1</b>	<b>14.7</b>	<b>46.4</b>	<b>24.2</b>	<b>70.6</b>
MGB (15,288 ha)	Group 0	3.7	3.3	7.0	0.9	1.1	2.0	6.6	2.6	9.3
	Group 1	7.1	10.3	17.4	1.7	3.1	4.8	12.7	7.9	20.6
	Group 2	3.2	5.1	8.3	0.6	1.3	1.9	4.5	2.3	6.8
	Group 3	6.1	5.5	11.6	1.3	1.3	2.6	9.2	3.2	12.3
	Group 4	2.4	4.2	6.6	0.5	1.0	1.5	3.3	2.0	5.3
	<b>SubTotal (MGB)</b>	<b>22.4</b>	<b>28.4</b>	<b>50.8</b>	<b>5.0</b>	<b>7.7</b>	<b>12.7</b>	<b>36.2</b>	<b>18.0</b>	<b>54.3</b>
MMC (30,363 ha)	Group 0	3.4	2.4	5.9	0.9	0.8	1.7	8.3	1.8	10.0
	Group 1	8.9	17.0	25.9	2.4	6.0	8.4	18.6	10.2	28.9
	Group 2	3.3	6.9	10.2	0.7	1.7	2.5	6.0	3.2	9.3
	Group 3	3.5	5.2	8.7	0.8	1.2	2.0	5.1	3.3	8.4
	Group 4	1.6	2.5	4.2	0.3	0.6	0.9	2.4	1.6	4.0
	<b>SubTotal (MMC)</b>	<b>20.7</b>	<b>34.1</b>	<b>54.8</b>	<b>5.2</b>	<b>10.3</b>	<b>15.4</b>	<b>40.5</b>	<b>20.1</b>	<b>60.6</b>
WF (5,726 ha)	Group 0	2.2	2.1	4.3	0.5	0.7	1.2	3.1	3.5	6.6
	Group 1	3.4	1.9	5.3	0.8	0.5	1.3	6.9	2.3	9.1
	Group 2	6.3	6.5	12.8	1.3	1.6	2.8	8.6	2.3	10.9
	Group 3	1.6	7.5	9.1	0.4	1.9	2.3	2.5	1.5	4.0
	Group 4	3.7	7.1	10.8	0.6	1.5	2.1	4.3	3.1	7.4
	<b>SubTotal (WF)</b>	<b>17.2</b>	<b>25.1</b>	<b>42.3</b>	<b>3.6</b>	<b>6.1</b>	<b>9.8</b>	<b>25.3</b>	<b>12.6</b>	<b>38.0</b>
TOTAL (107,750 ha)	Group 0	3.8	3.1	6.9	1.0	1.0	2.0	8.1	3.6	11.8
	Group 1	8.2	12.4	20.6	2.1	4.0	6.1	17.0	8.4	25.3
	Group 2	4.0	6.4	10.3	0.9	1.6	2.5	7.1	3.6	10.7
	Group 3	4.3	6.8	11.0	0.9	1.6	2.5	6.8	3.5	10.3
	Group 4	2.1	3.7	5.8	0.4	0.9	1.3	3.2	2.5	5.7
	<b>TOTAL</b>	<b>22.3</b>	<b>32.4</b>	<b>54.7</b>	<b>5.3</b>	<b>9.1</b>	<b>14.4</b>	<b>42.2</b>	<b>21.6</b>	<b>63.8</b>



Figures 7 and 8 provide graphic comparisons of volume/ha and total volume for the commercial forest types.



**Figure 8**  
Total Volume (m<sup>3</sup>) by Forest Type



### 3.7.2 Statistical Values

**Table 8** summarizes average values, coefficient of variation (CV%) and sample error (SE%), by forest type, for volume, basal area and stocking (excluding tress dbh < 40 cm).

**Table 8**  
**Average Values, Coefficient of Variation and Sample Error**

ForType	Volume (m <sup>3</sup> /ha) *			Basal Area (m <sup>2</sup> /ha)			Stock (N/ha)		
	Average	CV%	SE(95%)	Average	CV%	SE(95%)	Average	CV%	SE(95%)
MGK	70.6	47.0	10.7	14.7	25.3	5.8	57.0	23.9	5.4
MGB	54.3	39.9	15.4	12.7	27.1	10.4	50.8	21.6	8.3
MMC	60.6	45.0	13.9	15.4	32.8	10.2	54.8	24.5	7.6
WF	38.0	43.9	27.2	9.8	41.2	25.5	42.3	36.0	22.3
All Types	63.8	23.5	3.8	14.4	38.0	6.1	54.7	18.2	2.9

\* excluding risk class 5 trees

### 3.8 Other Inventory Values

#### 3.8.1 Stumps

The measurement and recording of stumps (due to harvesting) within inventory plots is a standard parameter in GFC inventory procedures. During the SUA 2003 forest inventory, no stumps were recorded in the sample plots, indicating that there has been no previous harvesting in the Iwokrama forest.

#### 3.8.2 NTFP's

Non Timber Forest Products (NTFP's) were recorded in the sample plots to determine distribution frequency as a potential measure of NTFP values in the Iwokrama Forest. This information will also assist in the planning and establishment of Permanent Sample Plots (PSPs) for measuring the impact of harvesting on NTFP's.

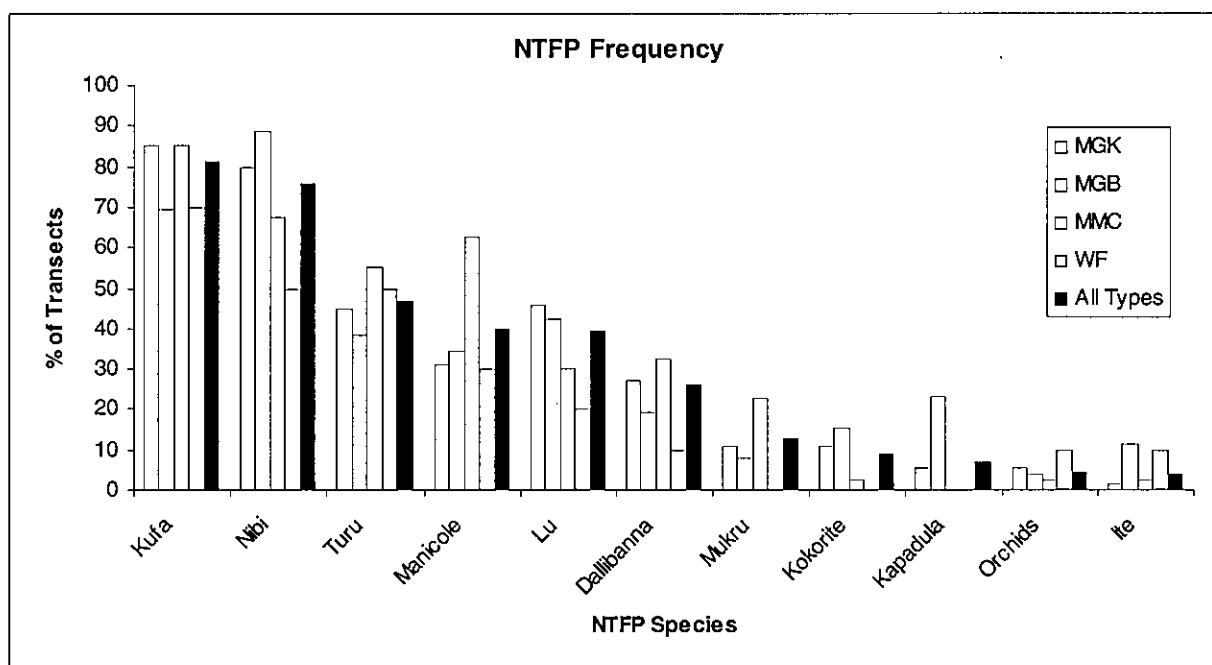
**Table 9** and **Figure 9** show the frequency of occurrence (number and % of transects) of the most commonly occurring NTFP species, by forest type.



**Table 9**  
**NTFP Frequency (Number and % of Transects)**

NTFP Species	Forest Type								All Types	
	MGK		MGB		MMC		WF			
	N	%	N	%	N	%	N	%	N	%
Kufa	63	85.1	18	69.2	34	85.0	7	70.0	122	81.3
Nibi	59	79.7	23	88.5	27	67.5	5	50.0	114	76.0
Turu	33	44.6	10	38.5	22	55.0	5	50.0	70	46.7
Manicole	23	31.1	9	34.6	25	62.5	3	30.0	60	40.0
Lu	34	45.9	11	42.3	12	30.0	2	20.0	59	39.3
Dallibanna	20	27.0	5	19.2	13	32.5	1	10.0	39	26.0
Mukru	8	10.8	2	7.7	9	22.5			19	12.7
Kokorite	8	10.8	4	15.4	1	2.5			13	8.7
Kapadula	4	5.4	6	23.1					10	6.7
Orchids	4	5.4	1	3.8	1	2.5	1	10.0	7	4.7
Ite	1	1.4	3	11.5	1	2.5	1	10.0	6	4.0

**Figure 9**  
**NTFP Frequency (% of Transects)**



### 3.8.3 Animals

Animal signs and sightings were recorded in the sample plots to determine distribution frequency in the Iwokrama Forest. This information will also assist in the planning and

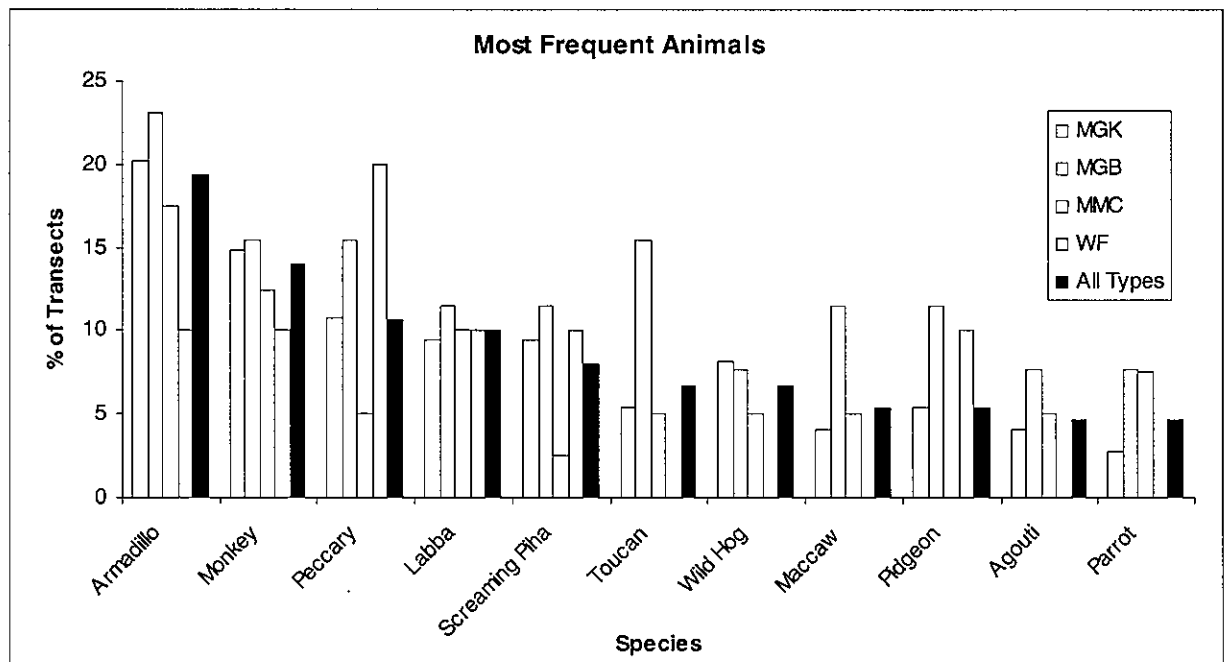
establishment of Permanent Sample Plots (PSPs) for measuring the impact of harvesting on animal populations.

**Table 10** and **Figure 10** show the frequency of occurrence (number and % of transects) of the most commonly occurring animal species, by forest type.

**Table 10**  
**Animal Frequency**

Species	Forest Type								All Types	
	MGK		MGB		MMC		WF			
	N	%	N	%	N	%	N	%	N	%
Armadillo	15	20.3	6	23.1	7	17.5	1	10.0	29	19.3
Monkey	11	14.9	4	15.4	5	12.5	1	10.0	21	14.0
Peccary	8	10.8	4	15.4	2	5.0	2	20.0	16	10.7
Labba	7	9.5	3	11.5	4	10.0	1	10.0	15	10.0
Screaming Piha	7	9.5	3	11.5	1	2.5	1	10.0	12	8.0
Toucan	4	5.4	4	15.4	2	5.0			10	6.7
Wild Hog	6	8.1	2	7.7	2	5.0			10	6.7
Maccaw	3	4.1	3	11.5	2	5.0			8	5.3
Pidgeon	4	5.4	3	11.5			1	10	8	5.3
Agouti	3	4.1	2	7.7	2	5.0			7	4.7
Parrot	2	2.7	2	7.7	3	7.5			7	4.7

**Figure 10**  
**Animal Frequenc**



**Appendix I**  
**Transect Detail Sheets**

Iwokrama SUA Inventory - 2003  
Transect Plotting Detail

Transect	Booker	Plots	Date	Type	Location	GridPoint_X	GridPoint_Y	Start Point	Bearing	Dist. - m	Comments
1				MMC	Burro Burro	-58 59 52.02013	04 14 54.20407				Not established - due to flooding
2	OA	10	4/28/2003	MGK	Main Road	-58 51 21.38796	04 14 55.48182	Grid Point	270	200	
2								Grid Point	90	1,600	
3				MMC	Burro Burro	-58 59 52.24067	04 16 19.64320				Not established - due to flooding
4	OA	10	4/26/2003	MMC	Main Road	-58 52 46.70382	04 16 20.72050	Grid Point	90	2,000	
5				MMC	Burro Burro	-58 58 27.35486	04 17 45.30419				Not established - due to flooding
6				MMC	Burro Burro	-58 57 02.46380	04 19 10.96493				Not established - due to flooding
7				MGK	Burro Burro	-58 55 37.56749	04 20 36.62538				Not established - due to flooding
8	OA	5	4/25/2003	MGK	Main Road	-58 49 57.09446	04 20 37.47498	Grid Point	270	1,100	no plots
8								GP + 1,100 m	270	800	5 plots
9	LL	7	5/25/2003	MMC	Burro Burro	-58 55 37.78496	04 22 02.06792	Grid Point	10	870	
9								Grid Point	90	330	
10				MGK	Burro Burro	-58 54 12.66581	04 22 02.28551				Not established - due to flooding
11	HJ	10	4/27/2003	MGK	Main Road	-58 51 22.42397	04 22 02.71265	Grid Point	90	600	
11								Grid Point	270	800	
11								Plot 8	45	400	
12	OA	10	4/24/2003	MMC	Main Road	-58 49 57.30132	04 22 02.92217	Grid Point	270	1,100	
12								Grid Point	90	700	
13	SG	10	5/13/2003	MMC	Burro Burro	-58 55 38.00366	04 23 27.51040	Grid Point	235	1,800	
14	LL	5	5/23/2003	MMC	Burro Burro	-58 54 12.88184	04 23 27.72917	Grid Point	90	800	
15	HJ	10	4/25/2003	MMC	Burro Burro	-58 52 47.75884	04 23 27.94524	Grid Point	23	1,800	
16	HJ	10	4/26/2003	MGK	Main Road	-58 51 22.63464	04 23 28.15865	Grid Point	0	2,000	
17	HJ	10	4/23/2003	MMC	Main Road	-58 49 57.50929	04 23 28.36932	Grid Point	90	1,000	
17								Grid Point	270	1,100	
18	SG	10	5/17/2003	MGK	Mahdia Road	-58 57 03.34688	04 24 52.73014	Grid Point	340	1,800	
19	SG	10	5/14/2003	MGK	Burro Burro	-58 54 13.09903	04 24 53.17279	Grid Point	225	1,800	
20	MD	10	4/23/2003	MGK	Burro Burro	-58 52 47.97332	04 24 53.39002	Grid Point	90	1,900	
21	MD	10	4/22/2003	MGK	Main Road	-58 51 22.84646	04 24 53.60458	Grid Point	90	1,700	
21								Grid Point	270	387	
22	MD	10	4/20/2003	MMC	Main Road	-58 49 57.71842	04 24 53.81640	Grid Point	225	1,800	
23	SG	10	5/18/2003	MGK	Mahdia Road	-58 57 03.57070	04 26 18.17131	Grid Point	90	400	
23								Grid Point	270	1,400	
24	LL	10	4/24/2003	MMC	Burro Burro	-58 51 23.05940	04 26 19.05047	Grid Point	225	1,800	
25	LL	5	4/23/2003	MGK	Main Road	-58 49 57.92866	04 26 19.26341	Grid Point	225	800	
26	LL	10	4/22/2003	MMC	Main Road	-58 48 32.79679	04 26 19.47365	Grid Point	90	850	
26								Grid Point	270	1,150	
27	MD	10	4/19/2003	MMC	Main Road	-58 47 07.66378	04 26 19.68119	Grid Point	0	1,825	
28	SG	10	5/19/2003	MGK	Mahdia Road	-58 57 03.79570	04 27 43.61242	Grid Point	225	1,800	

29	LL	10	4/21/2003	MMC	Burro Burro	-58 49 58.14005	04 27 44.71038	Grid Point	225	1,800	
30	LL	10	4/20/2003	MMC	Main Road	-58 48 33.00545	04 27 44.92177	Grid Point	90	1,750	
30								Grid Point	270	250	
31	AA	10	4/22/2003	MMC	Main Road	-58 47 07.86973	04 27 45.13039	Grid Point	305	600	
31								Grid Point	125	1,400	
32				MGK	Siparuni	-59 08 25.02906	04 29 07.14408				Not established - due to flooding
33				MGK	Siparuni	-59 06 59.90767	04 29 07.39241				Not established - due to flooding
34				MGK	Siparuni	-59 05 34.78495	04 29 07.63796				Not established - due to flooding
35	SG	10	5/21/2003	MGB	Mahdia Road	-59 01 19.40909	04 29 08.35811	Grid Point	62	1,800	
36	SG	10	5/20/2003	MGK	Mahdia Road	-58 59 54.28129	04 29 08.59265	Grid Point	38	800	
36								Grid Point	218	1,000	
37	GA	10	4/25/2003	MMC	Burro Burro	-58 49 58.35259	04 29 10.15728	Grid Point	90	1,800	
38	AA	9	4/21/2003	MGB	Main Road	-58 48 33.21526	04 29 10.36979	Grid Point	0	1,800	Plot 1 in MMC - dropped
39	AA	10	4/26/2003	MMC	Main Road	-58 47 08.07680	04 29 10.57952	Grid Point	231	1,800	
40	GA	10	4/24/2003	MGB	Main Road	-58 45 42.93720	04 29 10.78652	Grid Point	190	2,200	
41				MMC	Siparuni	-59 08 25.27850	04 30 32.57492				Not established - due to flooding
42				MGK	Siparuni	-59 07 00.15434	04 30 32.82455				Not established - due to flooding
43				MGK	Siparuni	-59 05 35.02889	04 30 33.07140				Not established - due to flooding
44				MGK	Siparuni	-59 04 09.90214	04 30 33.31552				Not established - due to flooding
45	SG	10	5/22/2003	MGB	Mahdia Road	-59 01 19.64478	04 30 33.79540	Grid Point	180	1,800	
46	SG	10	5/23/2003	WF	Mahdia Road	-58 58 29.38238	04 30 34.26419	Grid Point	225	1,800	
47	AA	10	4/18/2003	MMC	Burro Burro	-58 49 58.56625	04 30 35.60414	Grid Point	16	1,800	
48	AA	10	4/15/2003	MGB	Main Road	-58 48 33.42618	04 30 35.81777	Grid Point	135	1,800	
49	ES	10	4/13/2003	MGK	Main Road	-58 47 08.28496	04 30 36.02862	Grid Point	315	2,000	
50	SG	10	4/14/2003	MMC	Main Road	-58 45 43.14262	04 30 36.23670	Grid Point	117	1,860	
51	SG	10	4/15/2003	MGK	Main Road	-58 44 17.99920	04 30 36.44204	Grid Point	315	1,800	
52				MGK	Siparuni	-59 05 35.27416	04 31 58.50484				Not established - due to flooding
53				MGK	Siparuni	-59 02 45.01381	04 31 58.99282				Not established - due to flooding
54	MD	10	5/19/2003	MGK	Mahdia Road	-59 01 19.88173	04 31 59.23261	Grid Point	0	1,800	
54								Grid Point	180	100	
55	ES	10	5/17/2003	MGB	Mahdia Road	-58 58 29.61383	04 31 59.70392	Grid Point	235	1,800	
56	ES	10	4/14/2003	MGB	Main Road	-58 48 33.63822	04 32 01.26568	Grid Point	135	1,020	
56								Grid Point	315	1,290	
57	SG	10	4/10/2003	MGK	Main Road	-58 47 08.49422	04 32 01.47764	Grid Point	19	1,825	
58	OA	10	4/19/2003	MGK	Main Road	-58 45 43.34911	04 32 01.68684	Grid Point	38	1,800	
59	OA	10	4/22/2003	WF	Main Road	-58 44 18.20292	04 32 01.89326	Grid Point	270	1,400	
59								Plot 8	45	400	
60	SG	10	4/22/2003	WF	Essequibo	-58 37 12.45605	04 32 02.88344	Grid Point	0	800	

60								Grid Point	315	1,000	
61	ES	10	5/15/2003	MGK	Siparuni	-59 02 45.25480	04 33 24.42874	Grid Point	270	1,000	
61								Grid Point	90	1,000	
62	ES	10	5/16/2003	MGK	Mahdia Road	-59 01 20.11994	04 33 24.66979	Grid Point	0	1,875	
63	ES	10	5/17/2003	MGK	Mahdia Road	-58 59 54.98383	04 33 24.90808	Grid Point	135	1,800	
64	ES	10	5/20/2003	MGK	Mahdia Road	-58 58 29.84646	04 33 25.14355	Grid Point	0	1,400	
64								Grid Point	180	400	
65	SG	10	4/13/2003	MMC	Burro Burro	-58 49 58.99703	04 33 26.49766	Grid Point	0	400	
65								Grid Point	45	1,200	
65								Plot 9	180	200	
66	SG	10	4/11/2003	MGB	Main Road	-58 48 33.85138	04 33 26.71355	Grid Point	135	1,990	
66								Grid Point	315	170	
67	AA	10	4/10/2003	MMC	Main Road	-58 47 08.70461	04 33 26.92663	Grid Point	90	1,000	
67								Grid Point	270	1,050	
68	AA	10	4/11/2003	MGK	Main Road	-58 45 43.55672	04 33 27.13691	Grid Point	270	700	
68								Grid Point	90	1,300	
69	AA	10	4/12/2003	MGK	Main Road	-58 44 18.40776	04 33 27.34441	Grid Point	90	1,850	
70	AA	10	4/13/2003	MGK	Main Road	-58 42 53.25768	04 33 27.54911	Grid Point	90	1,820	
71	LL	10	4/16/2003	MGK	Main Road	-58 41 28.10656	04 33 27.75096	Grid Point	0	2,000	
72	SG	10	4/25/2003	MGK	Essequibo	-58 40 02.95439	04 33 27.95008	Grid Point	180	1,800	
73	SG	10	4/23/2003	MGK	Essequibo	-58 38 37.80118	04 33 28.14635	Grid Point	270	1,900	
74	SG	10	4/21/2003	MGK	Essequibo	-58 37 12.64696	04 33 28.33981	Grid Point	180	1,600	
74								Plot 9	315	200	
75	MD	10	5/25/2003	MGK	Siparuni	-59 02 45.49704	04 34 49.86458	Grid Point	90	1,800	
76	MD	10	5/22/2003	MGK	Siparuni	-59 01 20.35938	04 34 50.10690	Grid Point	0	1,800	
77	ES	10	5/21/2003	MGK	Mahdia Road	-58 58 30.08032	04 34 50.58314	Grid Point	135	1,800	
78	OA	10	4/14/2003	MGK	Burro Burro	-58 48 34.06568	04 34 52.16135	Grid Point	90	1,950	
79	OA	10	4/11/2003	MGK	Main Road	-58 47 08.91611	04 34 52.37555	Grid Point	135	2,000	
80	OA	10	4/10/2003	MGK	Main Road	-58 45 43.76542	04 34 52.58694	Grid Point	90	1,600	
80								Grid Point	270	400	
81	KR	10	4/10/2003	MGK	Main Road	-58 44 18.61364	04 34 52.79552	Grid Point	90	1,800	
82	LL	10	4/12/2003	MGK	Main Road	-58 42 53.46079	04 34 53.00126	Grid Point	90	1,800	
83	LL	10	4/15/2003	MGK	Main Road	-58 41 28.30686	04 34 53.20420	Grid Point	90	1,800	
84	ES	10	4/22/2003	MGK	Essequibo	-58 40 03.15192	04 34 53.40432	Grid Point	0	2,000	
85	ES	10	4/21/2003	MGK	Essequibo	-58 38 37.99590	04 34 53.60164	Grid Point	90	1,000	
85								Plot 6	225	862	
86	MD	10	5/15/2003	MGK	Siparuni	-59 04 10.87979	04 36 15.05394	Grid Point	90	1,875	
87	MD	10	5/16/2003	MGK	Siparuni	-59 02 45.74058	04 36 15.30036	Grid Point	0	1,800	



88	MD	7	5/24/2003	MGK	Siparuni	-59 01 20.60011	04 36 15.54397	Grid Point	90	850	
88								Grid Point	270	400	
89	ES	10	5/22/2003	MGK	Mahdia Road	-58 58 30.31543	04 36 16.02266	Grid Point	180	1,800	
90				MGK	Mahdia Road	-58 57 05.17122	04 36 16.25778				Not established - due to flooding
91	LL	10	5/16/2003	MGK	Burro Burro	-58 49 59.43234	04 36 17.39095	Grid Point	74	750	Plot spacing = 150 m
91								Grid Point	254	600	
92	HJ	10	4/15/2003	MGK	Burro Burro	-58 48 34.28107	04 36 17.60908	Grid Point	0	1,800	
93	HJ	10	4/11/2003	MGK	Main Road	-58 47 09.12872	04 36 17.82439	Grid Point	90	2,000	
94	HJ	10	4/10/2003	MGK	Main Road	-58 45 43.97522	04 36 18.03690	Grid Point	135	2,000	
95	MD	10	4/10/2003	MGK	Main Road	-58 44 18.82064	04 36 18.24656	Grid Point	180	2,000	
96	MD	10	4/11/2003	MGK	Main Road	-58 42 53.66495	04 36 18.45338	Grid Point	270	2,000	
96								Grid Point	90	50	
97	ES	10	4/12/2003	WF	Main Road	-58 41 28.50824	04 36 18.65736	Grid Point	290	1,800	
98	ES	10	4/23/2003	MGK	Essequibo	-58 40 03.35046	04 36 18.85853	Grid Point	45	2,029	
99	ES	10	4/20/2003	WF	Essequibo	-58 38 38.19163	04 36 19.05689	Grid Point	180	2,000	
100	MD	10	5/17/2003	MGK	Siparuni	-59 02 45.98538	04 37 40.73610	Grid Point	45	1,825	
101	MD	10	5/23/2003	MGK	Siparuni	-59 01 20.84210	04 37 40.98097	Grid Point	180	1,800	
102	OA	10	5/20/2003	MGK	Mahdia Road	-58 58 30.55174	04 37 41.46215	Grid Point	331	1,800	
103	OA	7	5/21/2003	MGB	Mahdia Road	-58 57 05.40472	04 37 41.69849	Grid Point	26	1,200	
104				MGK	Mahdia Road	-58 55 40.25651	04 37 41.93198				Not established - due to flooding
105	LL	10	5/14/2003	MGK	Mahdia Road	-58 54 15.10704	04 37 42.16260	Grid Point	315	1,800	
106	LL	10	5/13/2003	MGB	Burro Burro	-58 52 49.95646	04 37 42.39041	Grid Point	90	1,800	
107	LL	10	5/13/2003	MGK	Burro Burro	-58 51 24.80465	04 37 42.61537	Grid Point	39	1,200	
107								Grid Point	180	600	
108	LL	10	5/9/2003	MMC	Burro Burro	-58 49 59.65172	04 37 42.83749	Grid Point	315	1,800	
109	HJ	10	4/19/2003	MGK	Burro Burro	-58 48 34.49761	04 37 43.05677	Grid Point	45	1,800	
110	HJ	10	4/16/2003	MGB	Burro Burro	-58 47 09.34242	04 37 43.27320	Grid Point	225	1,800	
111	HJ	10	4/18/2003	MGB	Main Road	-58 45 44.18611	04 37 43.48679	Grid Point	285	1,800	
112	ES	10	4/10/2003	MGK	Main Road	-58 42 53.87018	04 37 43.90543	Grid Point	135	2,100	
113	ES	10	4/11/2003	MGK	Main Road	-58 41 28.71064	04 37 44.11049	Grid Point	0	2,000	
113								Grid Point	180	370	
114	ES	10	4/24/2003	MGK	Essequibo	-58 40 03.55001	04 37 44.31270	Grid Point	225	1,968	
115	OA	7	5/19/2003	MMC	Mahdia Road	-58 58 30.78930	04 39 06.90156	Grid Point	315	500	
115								Grid Point	135	700	
116				MGB	Mahdia Road	-58 57 05.63944	04 39 07.13912				Not established - due to flooding
117				MMC	Mahdia Road	-58 55 40.48835	04 39 07.37381				Not established - due to flooding
118	HJ	10	5/7/2003	MGB	Burro Burro	-58 54 15.33607	04 39 07.60565	Grid Point	0	1,800	
119	HJ	10	5/6/2003	MGK	Burro Burro	-58 52 50.18264	04 39 07.83461	Grid Point	90	2,200	

120	HJ	10	5/5/2003	MGB	Burro Burro	-58 51 25.02799	04 39 08.06072	Grid Point	180	1,800	
121	LL	10	5/3/2003	MMC	Burro Burro	-58 49 59.87222	04 39 08.28400	Grid Point	149	1,800	
122	LL	10	5/6/2003	MGB	Burro Burro	-58 48 34.71530	04 39 08.50439	Grid Point	53	1,800	
123	LL	10	5/7/2003	MGK	Burro Burro	-58 47 09.55723	04 39 08.72194	Grid Point	270	1,800	
124	MD	10	4/15/2003	MGK	Main Road	-58 45 44.39808	04 39 08.93664	Grid Point	270	800	
124								Grid Point	90	1,000	
125	MD	10	4/16/2003	MGK	Main Road	-58 44 19.23785	04 39 09.14846	Grid Point	251	1,800	
126	MD	10	4/14/2003	MGB	Main Road	-58 42 54.07650	04 39 09.35741	Grid Point	225	1,800	
127	GA	10	5/16/2003	MMC	Mahdia Road	-58 58 31.02809	04 40 32.34090	Grid Point	270	400	
127								Plot 2	0	1,600	
128				MMC	Mahdia Road	-58 57 05.87538	04 40 32.57969				Not established - due to flooding
129				MGK	Mahdia Road	-58 55 40.72145	04 40 32.81556				Not established - due to flooding
130	HJ	10	5/14/2003	MGB	Burro Burro	-58 54 15.56629	04 40 33.04859	Grid Point	0	1,800	
131	HJ	5	5/9/2003	MGK	Burro Burro	-58 52 50.40998	04 40 33.27874	Grid Point	270	1,000	
132	LL	5	5/8/2003	MGK	Burro Burro	-58 51 25.25252	04 40 33.50600	Grid Point	270	1,000	
133	ES	10	5/1/2003	WF	Burro Burro	-58 50 00.09388	04 40 33.73043	Grid Point	270	200	
133								Plot 1	0	1,860	
134	ES	10	5/2/2003	MGK	Burro Burro	-58 48 34.93408	04 40 33.95194	Grid Point	270	1,995	
134								Grid Point	90	30	
135	MD	10	5/6/2003	MGB	Burro Burro	-58 47 09.77320	04 40 34.17060	Grid Point	90	1,800	
136	MD	10	5/9/2003	MGB	Essequibo	-58 45 44.61116	04 40 34.38638	Grid Point	0	1,800	
137	MD	10	5/3/2003	WF	Essequibo	-58 42 54.28386	04 40 34.80935	Grid Point	0	1,025	
137								Plot 6	225	800	
138	GA	10	5/15/2003	MMC	Mahdia Road	-58 58 31.26810	04 41 57.78020	Grid Point	180	1,800	
139	GA	10	5/22/2003	MGK	Mahdia Road	-58 57 06.11251	04 41 58.02018	Grid Point	53	400	
139								Grid Point	233	1,400	
140	GA	10	5/21/2003	MGK	Mahdia Road	-58 55 40.95570	04 41 58.25728	Grid Point	310	1,800	
141	ES	10	5/8/2003	MGB	Burro Burro	-58 54 15.79770	04 41 58.49149	Grid Point	29	1,800	
142	ES	10	5/7/2003	MMC	Burro Burro	-58 52 50.63851	04 41 58.72279	Grid Point	90	800	
142								Grid Point	270	1,020	
143	ES	10	5/6/2003	MMC	Burro Burro	-58 51 25.47817	04 41 58.95125	Grid Point	90	400	
143								Grid Point	270	1,420	
144	ES	10	5/3/2003	MGK	Burro Burro	-58 50 00.31664	04 41 59.17679	Grid Point	45	1,800	
145	MD	7	5/8/2003	MGB	Burro Burro	-58 48 35.15400	04 41 59.39945	Grid Point	90	2,025	Plots 8-10 in MGK - dropped
146	MD	10	5/7/2003	MGB	Essequibo	-58 47 09.99024	04 41 59.61923	Grid Point	180	1,800	
147	MD	10	5/11/2003	MGK	Essequibo	-58 45 44.82533	04 41 59.83613	Grid Point	315	1,850	
148	GA	10	5/13/2003	WF	Siparuni	-58 58 31.50934	04 43 23.21940	Grid Point	32	1,600	
148								Grid Point	212	200	

149	GA	10	5/20/2003	MMC	Siparuni	-58 57 06.35087	04 43 23.46064	Grid Point	132	2,050	
149								Plot 8	90	400	
150	GA	10	5/23/2003	WF	Siparuni	-58 55 41.19118	04 43 23.69892	Grid Point	90	1,400	
150								Grid Point	270	400	
151	OA	10	5/14/2003	WF	Siparuni	-58 54 16.03030	04 43 23.93432	Grid Point	225	1,000	
151								Plot 6	90	600	
151								Plot 9	225	200	
152	OA	10	5/15/2003	MGK	Burro Burro	-58 52 50.86823	04 43 24.16681	Grid Point	180	2,000	
153	OA	10	5/5/2003	MMC	Burro Burro	-58 50 00.54060	04 43 24.62311	Grid Point	0	2,000	
154	SG	10	5/6/2003	MMC	Burro Burro	-58 48 35.37504	04 43 24.84689	Grid Point	270	2,000	
155	SG	10	5/1/2003	MGB	Essequibo	-58 47 10.20840	04 43 25.06778	Grid Point	180	1,800	
156	SG	10	5/4/2003	MMC	Essequibo	-58 45 45.04061	04 43 25.28576	Grid Point	0	2,000	
157	GA	10	5/12/2003	MGK	Siparuni	-58 58 31.75180	04 44 48.65860	Grid Point	221	1,820	
158	GA	3	5/24/2003	MGK	Siparuni	-58 57 06.59041	04 44 48.90098	Grid Point	270	400	
159	OA	10	5/13/2003	MGB	Siparuni	-58 54 16.26404	04 44 49.37708	Grid Point	198	1,800	
160	OA	10	5/12/2003	MGB	Siparuni	-58 52 51.09910	04 44 49.61076	Grid Point	315	2,000	
161	OA	10	5/6/2003	MMC	Burro Burro	-58 51 25.93296	04 44 49.84152	Grid Point	90	1,800	
162	OA	10	5/3/2003	MMC	Burro Burro	-58 50 00.76567	04 44 50.06936	Grid Point	225	2,000	
163	SG	10	5/7/2003	MMC	Essequibo	-58 48 35.59723	04 44 50.29426	Grid Point	64	2,000	
164	SG	10	4/30/2003	MMC	Essequibo	-58 47 10.42768	04 44 50.51627	Grid Point	0	400	
164								Grid Point	180	1,600	
165	SG	10	5/2/2003	MMC	Essequibo	-58 45 45.25700	04 44 50.73536	Grid Point	225	1,800	
166	GA	10	5/5/2003	MGK	Siparuni	-58 54 16.49902	04 46 14.81981	Grid Point	204	1,800	
167	GA	10	4/30/2003	MMC	Siparuni	-58 51 26.16206	04 46 15.28655	Grid Point	180	1,820	
168	GA	10	5/1/2003	MMC	Essequibo	-58 50 00.99186	04 46 15.51554	Grid Point	225	1,850	
169	SG	10	5/5/2003	MMC	Essequibo	-58 48 35.82050	04 46 15.74159	Grid Point	225	1,800	
170	GA	10	5/2/2003	MMC	Siparuni	-58 51 26.39236	04 47 40.73154	Grid Point	270	300	
170								Grid Point	90	400	
170								Plot 4	225	1,080	
170								Plot 9	0	300	
171	GA	10	5/3/2003	MGB	Essequibo	-58 50 01.21924	04 47 40.96165	Grid Point	225	1,800	

**Appendix II**  
**Booking Forms and Codes**

**IWOKRAMA SUA INVENTORY**

**- Booking Form for Sample Plots**

**Part 1: Plot Information**

Crew leader (initials): \_\_\_\_\_ Plot Centre GPS Coordinates:  
 Date(mm/dd/yr):  / / X: \_\_\_\_\_  
 Transect number: \_\_\_\_\_ Bearing: \_\_\_\_\_ Y: \_\_\_\_\_  
 Accumulated distance: \_\_\_\_\_ Plot #: \_\_\_\_\_  
 General location: \_\_\_\_\_  
 Forest type code: \_\_\_\_\_ Slope %: \_\_\_\_\_ Soils: \_\_\_\_\_  
 Disturbance: \_\_\_\_\_ Aspect: \_\_\_\_\_ Canopy closure: \_\_\_\_\_  
 Main plot observations: \_\_\_\_\_

**Part 2: Main Plot**

Plot radius (m): 17.84 m  
 Minimum dbh (cm): 40 cm

**2a) all species**

Tree #	Species	Species Code	Dbh (cm)	Risk Class	BL (m)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					

**2b) stumps**

Min. diameter (cm): 10 cm

Stump	Species	Diameter (cm)	Height (cm)
1			
2			
3			
4			
5			

Stump/logging observations: \_\_\_\_\_

**2c) NTFPs (plants, fruits, vines and orchids)**

Host Tree = main tree on which NTFP is living

#	Species	Host Tree (tree #, main plot only)	Harvestable Size	
			Y	N
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

**Part 3: Sub-plot**  
all species

Plot radius (m): 7.98 m  
Minimum dbh (cm): 10 cm

Tree #	Species	Species Code	Dbh (cm)	Risk Class	BL (m) <small>only dbh &gt; 30cm</small>
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

**Part 4: Presence of Animals** (mammals, birds, reptiles, amphibians and fish)

Type of animal	Seen		# of individuals	Other Indication	Animal name
	Y	N			
Arboreal (living in trees)					
Terrestrial (living on land)					
Aquatic (living on water)					





**IWOKRAMA SUA INVENTORY**  
**Booking Form Codes**

**Soil Type Codes**

Code	Soil Type
WS	White sand
BS	Brown sand
LO	Loam
CL	Clay
PA	Pagasse
LAT	Laterite
OTH	Other
FL	Flooded

**Slope Aspect Codes**

Code	Aspect
N	North
NE	North-east
E	East
SE	South-east
S	South
SW	South-west
W	West
NW	North-west

**Disturbance Codes**

Code	Disturbance
0	Undisturbed
1	Recent logging - less than 5 years
2	Old logging - more than 5 years
3	Farm
4	Windfall
5	Fire

**Crown Closure**

Code	Closure
0	0 - 25%
1	26 - 50%
2	51 - 75%
3	76 - 100%

**Forest Type Codes**

Code	Forest Type
DF	Dakama Forest
LF	Liana Forest
MKW	Manikole, Kokerite, Soft Wallaba Forest
MKG	Mixed Greenheart, Black Kakaralli, Wamara Forest
MGB	Mixed Greenheart, Sand Baromalli, Soft Wallaba Forest
MLH	Mixed Low Stature Forest on High Hills
MMC	Mora, Manicole, Crabwood, Trysil Forest
MS	Muri Scrub
WF	Wallaba Forest

**Risk Class Codes**

Code	Risk (Quality)
1	Sound (no decay), good form
2	Sweep
3	Fork
4	Defect (decay)
5	Cull (non-harvestable)

**Slope Correction Tables**

For Plot Radius Correction

Slope %	Main Plot Radius	Subplot Radius	Slope %	Main Plot Radius	Subplot Radius
0 - 3	17.84	7.98	41	19.29	8.63
4 - 5	17.86	7.99	42	19.35	8.66
6 - 7	17.88	8.00	43	19.41	8.68
8	17.89	8.00	44	19.50	8.72
9	17.91	8.01	45	19.56	8.75
10	17.93	8.02	46	19.65	8.79
11	17.95	8.03	47	19.71	8.82
12	17.97	8.04	48	19.78	8.85
13	17.98	8.04	49	19.87	8.89
14	18.02	8.06	50	19.96	8.93
15	18.04	8.07	51	20.02	8.96
16	18.07	8.09	52	20.11	9.00
17	18.09	8.09	53	20.18	9.03
18	18.13	8.11	54	20.27	9.07
19	18.17	8.13	55	20.37	9.11
20	18.19	8.13	56	20.44	9.14
21	18.22	8.15	57	20.53	9.18
22	18.26	8.17	58	20.62	9.23
23	18.30	8.18	59	20.72	9.27
24	18.35	8.21	60	20.82	9.31
25	18.39	8.23	61	20.89	9.34
26	18.43	8.24	62	20.99	9.39
27	18.49	8.27	63	21.09	9.43
28	18.53	8.29	64	21.19	9.48
29	18.58	8.31	65	21.29	9.52
30	18.62	8.33	66	21.37	9.56
31	18.68	8.36	67	21.47	9.60
32	18.74	8.38	68	21.57	9.65
33	18.78	8.40	69	21.68	9.70
34	18.84	8.43	70	21.78	9.74
35	18.90	8.45	71	21.89	9.79
36	18.96	8.48	72	21.97	9.83
37	19.02	8.51	73	22.08	9.88
38	19.08	8.53	74	22.19	9.93
39	19.14	8.56	75	22.30	9.98
40	19.22	8.60	76	22.41	10.03

**Slope Correction Tables**

For Transect Length Correction

Slope %	Distance 25m	Distance 50m	Slope %	Distance 25m	Distance 50m
0 - 3	25.00	50.00	41	27.03	54.05
4 - 5	25.03	50.05	42	27.11	54.23
6 - 7	25.05	50.10	43	27.20	54.41
8	25.08	50.15	44	27.32	54.64
9	25.10	50.20	45	27.41	54.82
10	25.13	50.25	46	27.53	55.07
11	25.15	50.30	47	27.62	55.25
12	25.18	50.35	48	27.72	55.43
13	25.20	50.40	49	27.84	55.68
14	25.25	50.51	50	27.96	55.93
15	25.28	50.56	51	28.06	56.12
16	25.33	50.66	52	28.18	56.37
17	25.35	50.71	53	28.28	56.56
18	25.41	50.81	54	28.41	56.82
19	25.46	50.92	55	28.54	57.08
20	25.48	50.97	56	28.64	57.27
21	25.54	51.07	57	28.77	57.54
22	25.59	51.18	58	28.90	57.80
23	25.64	51.28	59	29.04	58.07
24	25.72	51.44	60	29.17	58.34
25	25.77	51.55	61	29.27	58.55
26	25.83	51.65	62	29.41	58.82
27	25.91	51.81	63	29.55	59.10
28	25.96	51.92	64	29.69	59.38
29	26.04	52.08	65	29.83	59.67
30	26.10	52.19	66	29.94	59.88
31	26.18	52.36	67	30.08	60.17
32	26.26	52.52	68	30.23	60.46
33	26.32	52.63	69	30.38	60.75
34	26.40	52.80	70	30.53	61.05
35	26.48	52.97	71	30.67	61.35
36	26.57	53.13	72	30.79	61.58
37	26.65	53.30	73	30.94	61.88
38	26.74	53.48	74	31.09	62.19
39	26.82	53.65	75	31.25	62.50
40	26.94	53.88	76	31.41	62.81

**Appendix III**  
**Standardized Species List**

**STANDARDIZED SPECIES LIST**

Code	Standard Name	Synonym	Group	Genus	Species	Family	Model
BULLE	Bulletwood	Beefwood	0	Manilkara	bidentata	Sapotaceae	S
CEDAR	Cedar red		0	Cedrela	odorata	Meliaceae	G
GREEN	Greenheart		0	Chlorocardium	rodiei	Lauraceae	M
LETTE	Letterwood	Leopardwood, Snakewood, Tibicushe	0	Brosimum	guianensis	Moraceae	B
PURPL	Purpleheart		0	Peltogyne	spp.	Caesalpiniaceae	S
PURPS	Purpleheart saka	Kukwi	0	Peltogyne	venosa	Caesalpiniaceae	S
SILBR	Silverballi brown		0	Cordia	alliodora	Boraginaceae	E
SILBR	Silverballi brown		0	Licaria	canella	Lauraceae	E
AROMA	Aromata	A. Emata	1	Clathrotropis	spp.	Papilionaceae	F
CEDRE	Cedrelinga	Brazilian cedar	1	Cedrelinga	catanaeformis	Mimosaceae	S
CRABW	Crabwood		1	Carapa	spp.	Meliaceae	K
DALLI	Dalli		1	Virola	surinamensis & sebifera	Myristicaceae	F
DALHI	Dalli hill		1	Virola	longata	Myristicaceae	F
DALSW	Dalli swamp		1	Virola	spp.	Myristicaceae	F
DETER	Determa		1	Ocotea	rubra	Lauraceae	M
HAKIA	Hakia	Ironwood	1	Tabebuia	spp.	Bignoniaceae	N
HUBUB	Hububalli		1	Loxopterygium	sagotii	Anacardiaceae	N
ITIKI	Itikiboraballi	Hikiboraballi, Guyana ebony, Guyana rosewood, Banyu	1	Swartzia	spp.	Caesalpiniaceae	J
KABUK	Kabukalli	Stinkwood	1	Ampelocera	edentula	Ulmaceae	N
KABUK	Kabukalli	Stinkwood	1	Goupia	glabra	Celastraceae	N
LOCUS	Locust	Stinking toe, Courbaril	1	Hymenaea	courbaril	Caesalpiniaceae	N
MANNB	Manniballi		1	Moronobea	coccinea	Guttiferae	E
MORA	Mora		1	Mora	excelsa	Caesalpiniaceae	J
MORAK	Morabukea		1	Mora	gonggrijpii	Caesalpiniaceae	L
SHIBA	Shibadan		1	Aspidosperma	spp.	Apocynaceae	P
SILYE	Silverballi yellow		1	Aniba	hypoglauca	Lauraceae	A
SIMAR	Simarupa		1	Quassia	simarouba	Simaroubaceae	R
SUYA	Suya		1	Pouteria	speciosa	Sapotaceae	J
TATAB	Tatabu	Katabu	1	Diplotropis	purpurea	Papilionaceae	L
TAURO	Tauroniro	Bastard bulletwood	1	Humiria	balsamifera	Humiriaceae	M
ULU	Ulu		1	Trattinickia	spp.	Burseraceae	B
WAMAR	Wamara	Bamara	1	Swartzia	leiocalycina	Caesalpiniaceae	J
WAMAD	Wamaradan	Malabadan, Wamaradang, Basralocus, Angeliq	1	Dicorynia	guianensis	Caesalpiniaceae	P
WASHI	Washiba	Warasheballi	1	Tabebuia	spp.	Bignoniaceae	N
YARUL	Yarula	Yarola, Yaruru	1	Aspidosperma	spp.	Apocynaceae	L
BARAD	Baradan		2	Ocotea	tomentella	Lauraceae	N
BAROM	Baromalli		2	Catostemma	spp.	Bombacaceae	P
BARCO	Baromalli common		2	Catostemma	commune	Bombacaceae	P
BARSA	Baromalli sand	Baramanni	2	Catostemma	altsonii	Bombacaceae	D
BARSA	Baromalli sand	Baramanni	2	Catostemma	fragrans	Bombacaceae	D
DUKAL	Dukali		2	Parahancornia	fasciculata	Apocynaceae	A
KAROH	Karohoro	Matchwood	2	Schefflera	spp.	Apaliaceae	G
KIRIK	Kirikaua	Kerikuta, Kerrykauwa	2	Iryanthera	spp.	Myristicaceae	E
KURAH	Kurahara	Santa Maria	2	Calophyllum	lucidum	Clusiaceae (Guttiferae)	E
KUROK	Kurokai	Koruki, Kuruki, Kurokai common	2	Protium	decandrum	Burseraceae	G
MANNI	Manni		2	Symphonia	globulifera	Guttiferae	R
MAPOR	Maporokon		2	Inga	alba	Mimosaceae	R
MONKE	Monkey pot		2	Lecythis	zabucajo	Lecythidaceae	E

KOKOB	Kokoritiballi	Cococateballi	3	Planchonella	elegans	Sapotaceae	E
KOKOB	Kokoritiballi	Cococateballi	3	Pouteria	spp.	Sapotaceae	E
KORAB	Koraroballi	Coraradalli	3	Hymenolobium	spp.	Fabaceae	S
KOROK	Korokororo	Koharoro, Korkor, Horse eye	3	Ormosia	coutinhoi	Papilionaceae	J
KUMAK	Kumaka	Silkcotton	3	Ceiba	pentandra	Bombacaceae	H
LIMON	Limonaballi	Lainaballi, Paripiballi	3	Chrysophyllum	pomiferum	Sapotaceae	A
MAHO	Maho		3	Sterculia	spp.	Sterculiaceae	K
MAHSM	Maho smooth leaf		3	Sterculia	pruriens	Sterculiaceae	K
MANBL	Manariballi black		3	Parkia	nitida	Mimosaceae	P
MARIS	Marishiballi		3	Licania	spp.	Chrysobalanaceae	B
SAREB	Sarebebeballi		3	Vouacapoua	macropetala	Caesalpiniaceae	D
SAWAR	Sawari	Sawari nut, Souree	3	Caryocar	nuciferum	Caryocaraceae	M
SURAD	Suradan		3	Hieronyma	alchomeoides	Euphorbiaceae	P
TONKA	Tonka bean	Kumaru	3	Dipteryx	odorata	Fabaceae	E
TRYSI	Trysil		3	Pentaclethra	macroloba	Mimosaceae	F
UYA	Uya	Ouya	3	Parkia	ulei	Mimosaceae	E
WADAR	Wadara	Waranaka	3	Couratari	spp.	Lecythidaceae	P
WADBR	Wadara broad leaf		3	Couratari	spp.	Lecythidaceae	P
WADFI	Wadara fine leaf		3	Couratari	multiflora	Lecythidaceae	P
WALIT	Wallaba ituri		3	Campsiandra	comosa	Caesalpiniaceae	P
WALIT	Wallaba ituri		3	Eperua	spp.	Caesalpiniaceae	P
WATAP	Watapa	Wallaba water, Watapa wallaba	3	Eperua	rubiginosa	Caesalpiniaceae	A
ADEBE	Adebero	Adeboro	4	Paypayrola	longifolia	Violaceae	A
AIMOR	Aimoradan	Himaradan	4				E
AIOMO	Aiomorakushi	Haimarakushi, Aromarakushi, Haimar kushi, Hikorodan, Himarakushi	4	Pouteria	cladantha	Sapotaceae	B
AKARA	Akarako	Wutuk	4	Marlierea	schomburgkiana	Myrtaceae	E
ALMON	Almond	Wild almond	4	Prunus	dulcis	Chrysobalanaceae	E
ANTSW	Antswood		4	Cordia	nodosa	Boraginaceae	C
APOUK	Apoukito		4	Chamaecrista	apoucouita	Caesalpiniaceae	E
ARARA	Arara	Arara rough skin, Karia	4	Bocageopsis	multiflora	Annonaceae	A
ARARA	Arara	Arara rough skin, Karia	4	Guatteria	spp.	Annonaceae	A
ARARA	Arara	Arara rough skin, Karia	4	Unonopsis	glaucopectala	Annonaceae	A
ARABR	Arara broad leaf		4	Unonopsis	spp.	Annonaceae	A
ARAFI	Arara fine leaf		4	Guatteria	schomburgkiana	Annonaceae	D
ARASM	Arara smooth skin	Yarri yarri black	4	Guatteria	atra	Annonaceae	B
ARIKA	Arikadako		4	Byrsonima	spp.	Malpighiaceae	A
ARROW	Arrow palm		4				E
ARUAD	Aruadan	Tigerwood	4	Sloanea/Couepia	spp.	Tiliaceae	E
ASASH	Asashi	Alshiballi, Aseshiri, Ashai, Ashi, Kasahi	4	Rheedia	spp.	Guttiferae	E
AWASO	Awasokule		4	Tovomita	spp.	Guttiferae	C
AWATI	Awati	Awapau	4	Maprounea	guianensis	Euphorbiaceae	E
BABUR	Baburia		4				E
BAKUP	Bakupur		4	Pouteria	spp.	Sapotaceae	E
BANYA	Banyaballi		4	Eugenia	spp.	Myrtaceae	D
BARAB	Barabara		4	Diospyros	spp.	Ebenaceae	E
BARFI	Barabara fine leaf		4	Diospyros	dichroa	Ebenaceae	E
BARAT	Barata		4				E
BARBA	Barataballi	Balataballi	4	Ecclinusa	sanguinolenta	Sapotaceae	E

BARIR	Baririkuti		4	Mabea	piriri	Euphorbiaceae	A
BARTA	Bartaballi		4	Ecclinusa	guianensis	Sapotaceae	L
BAUWA	Bauwaua		4	Astronium	ulei	Anacardiaceae	E
BIRDH	Birdhead		4				E
BLACK	Blackheart		4	Acosmium	praeclara	Papilionaceae	E
BLOOD	Bloodwood		4	Vismia	spp.	Clusiaceae (Guttiferae)	F
BOBA	Boba	Buba	4	Iriartea	exorrhiza	Palmae	E
BOKOT	Bokotokon		4	Hirtella	spp.	Chrysobalanaceae	E
BUKAB	Bukabukatokon	Bukabuka	4				E
BURAI	Buradiye	Silverballi poor	4	Nectandra	grandis	Lauraceae	E
BURUB	Buruburuli	Bururi	4	Licania	spp.	Chrysobalanaceae	D
CARAM	Carambi		4				E
CHARC	Charcoal	Burabura Chalkcoal, Cholkcoleborbor	4				E
CHIGO	Chigonit		4	Bellucia	grossularioides	Melastomataceae	E
COCAN	Cocane tree		4	Erythroxylum	spp.	Erythroxylaceae	E
COFFE	Coffee mortar		4	Terminalia	dichotoma	Combretaceae	P
CONGO	Congo pump		4	Cecropia	spp.	Cecropiaceae	H
CORKW	Corkwood		4	Pterocarpus	officinalis	Papilionaceae	H
CORHI	Corkwood hill	Itikiboro	4	Pterocarpus	rohrii	Papilionaceae	H
CURRY	Curry tree		4	Pogonophona	schomburgkiana	Euphorbiaceae	E
DEVIL	Devildoer tree		4	Strychnos	spp.	Loganiaceae	S
DURU	Duru		4	Apeiba	spp.	Tiliaceae	K
FERN	Fern tree		4	Touroulia	guianensis	Quinaceae	E
GAMMA	Gamma cherry	Clammy cherry	4	Cordia	tetrandra	Boraginaceae	E
GREGA	Greenheart gale		4	Aniba	excelsa	Lauraceae	D
HACSI	Hachiballi simaba	Hachibali	4	Quassia	multiflora	Simaroubaceae	D
HAIHA	Haiahaia		4	Sapium	spp.	Euphorbiaceae	E
HAKIB	Hakiaballi		4	Vitex	spp.	Verbenaceae	E
HALCH	Halchiballi		4	Ipomoea	phillomega	Convolvulaceae	E
HATTI	Hatti	Wild rubber	4	Hevea	spp.	Euphorbiaceae	K
HICHA	Hicha	Hichaballi	4	Byrsonima	spicata	Malpighiaceae	H
HIKUR	Hikuribianda	Equribinda, Hercurebearda	4				E
HIMOR	Himoradan	Emoradan	4				E
HISHI	Hishirudan	Ishrudan	4	Dulacia	guianensis	Olcaceae	B
HISHI	Hishirudan	Ishrudan	4	Platymiscium	trinitatis	Fabaceae	B
HIWAR	Hiwaradan		4	Chaunochiton	kappleri	Olcaceae	A
HUREH	Hurehi	Hori	4				E
HURIH	Hurihi		4	Humiristrum	obovata	Humiriaceae	E
HURUB	Huruasaballi		4				E
IBIBA	Ibibanaro		4				E
IMIRI	Imirimia		4				E
IMIRB	Imirimiaballi	Black tigerwood, Hemeremoraballi	4	Chamaecrista	adaintifolia	Caesalpiniaceae	E
IRONM	Iron Mary	Mary	4	Clathrotropis	paradoxa	Papilionaceae	L
ISHIR	Ishirodan		4				E
ISHUR	Ishuradan	Esheriedan	4				E
ITARA	Itara	Itera	4				E
ITEPA	Ite	Ite palm	4	Mauritia	flexuosa	Palmae	E
ITURI	Ituri-ishi-lokodo	Ishilukadu, Shrilokadu ituri	4	Helicostylis	tomentosa	Moraceae	B

JACKI	Jack-in-the-box		4	Hernandia	guianensis	Hernandiaceae	F
JOHNB	Johnbacai		4				E
KADIT	Kaditiri	Cadatery, Kaditiri red, Kaditiri white	4	Sclerobolium	guianensis	Caesalpinaceae	R
KAIAR	Kaiarima	Kyarima	4	Maytenus	spp.	Caesalpinaceae	D
KAKAR	Kakarua	Kakaro, Kakarua, Kakoria	4	Pradosia	schomburgkii	Sapotaceae	E
KAKIR	Kakirio	Kakirio muri	4	Calycolpus	goetheanus	Myrtaceae	B
KAKIR	Kakirio	Kakirio muri	4	Calycolpus	revolutus	Myrtaceae	B
KAKIR	Kakirio	Kakirio muri	4	Myrcia	rufipila	Myrtaceae	B
KAKIR	Kakirio	Kakirio muri	4	Myrciaria	floribunda	Myrtaceae	B
KAKIR	Kakirio	Kakirio muri	4	Plinia	pinnata	Myrtaceae	B
KAKOT	Kakotaro		4	Ilex	martiniana	Aquifoliaceae	A
KAMAK	Kamakuti		4	Bombax	spp.	Bombacaceae	E
KANAK	Kanakudiballi	Commoramoraballi	4	Alchornea	triplinervia	Euphorbiaceae	E
KANAK	Kanakudiballi	Commoramoraballi	4	Alchorneopsis	floribunda	Euphorbiaceae	E
KANAK	Kanakudiballi	Commoramoraballi	4	Cochlospermum	orinocense	Cochlospermaceae	E
KANAK	Kanakudiballi	Commoramoraballi	4	Cochlospermum	spp.	Cochlospermaceae	E
KANAK	Kanakudiballi	Commoramoraballi	4	Dichapetalum	pedunculatum	Dichapetalaceae	E
KANOA	Kanoaballi	Canawaballi, Kamiballi	4	Byrsonima	stipulacea	Malpighiaceae	C
KARAB	Karababalli		4	Guarea	guidonia	Meliaceae	P
KARAT	Karamatakan		4				E
KARAM	Karapai		4	Annona	haematantha	Annonaceae	E
KARAP	Karapai		4				E
KARIS	Karishiri	Lancewood	4	Ephedranthus	guianensis	Annonaceae	D
KARIS	Karishiri	Lancewood	4	Oxandra	asbeckii	Annonaceae	D
KAUTB	Kautaballi		4	Licania	spp.	Chrysobalanaceae	D
KAWAK	Kawakaia		4				E
KERET	Kereti high bush		4				E
KOKOR	Kokorite		4	Attalea	regia	Palmae	E
KOMAR	Komaramara	Kamaramara	4	Duroia	eriopila	Rubiaceae	E
KOMAB	Komamaraballi	Kamamaraballi	4	Amaioua	guianensis	Rubiaceae	E
KONOK	Konoko	Konoko high bush, Konoko white	4	Licania	cuprea	Chrysobalanaceae	J
KONOK	Konoko	Konoko high bush, Konoko white	4	Pouteria	engleri	Sapotaceae	J
KORAR	Koraro	Kuraro	4				E
KOROW	Korowaroballi		4				E
KOYEC	Koyechi	Coyataue	4				E
KOYEB	Koyechiballi		4	Lueheopsis	rugosa	Tiliaceae	E
KUDIB	Kudibiushi	Kudushi	4	Micropholis	venulosa	Sapotaceae	D
KUFIB	Kufiballi	Coffeeballi	4	Guarea	pubescens	Meliaceae	E
KULIS	Kulishiri	Kulishiri red	4	Matayba	spp.	Sapindaceae	A
KULIS	Kulishiri	Kulishiri red	4	Vouarana	guianensis		A
KULHA	Kulishiri hairy black		4	Cupania	spp.	Sapindaceae	A
KULWH	Kulishiri white	Kulishiri swamp	4	Matayba	oligandra	Sapindaceae	A
KUMAB	Kumakaballi	Komakaballi, Tabacoballi	4	Coussapoa	hypochloro	Moraceae	N
KUMAB	Kumakaballi	Komakaballi, Tabacoballi	4	Ficus	mathewsii	Moraceae	N
KUMAR	Kumaramara	Kumara, Maramara	4				E
KURAY	Kurahya		4				E
KURIH	Kurihikoyoko		4				E
KUYAM	Kuyama	K. red, K. white, Kaiarima, Hiaremia, Kairiballi, Kairia, Kiroballi	4	Licania	heteromorpha	Chrysobalanaceae	A

KUYAM	Kuyama	K. red, K. white, Kaiarima, Hiaremia, Kairiballi, Kairia, Kiroballi	4	Xylopia	nitida	Annonaceae	A
KUYAM	Kuyama	K. red, K. white, Kaiarima, Hiaremia, Kairiballi, Kairia, Kiroballi	4	Xylopia	spp.	Annonaceae	A
KWAKO	Kwako		4	Marlierea	montana	Myrtaceae	E
LAPAN	Lapani		4				E
LAUKI	Laukididan		4				E
LONGJ	Long John		4	Triplaris	weigeltiana	Polygonaceae	S
LUPAL	Lu palm	Lu	4	Oenocarpus	bacaba	Arecaceae	A
MABAB	Mababalli		4	Aparisthmium	cordatum	Euphorbiaceae	A
MABAB	Mababalli		4	Conceveiba	guianensis	Euphorbiaceae	A
MABUR	Maburia	Mabuya	4				E
MABUL	Maburilli		4	Maburea	trinervis	Olcaceae	E
MABWA	Mabwa	Kabari white, Mabohi, Mab	4	Himatanthus	spp.	Apocynaceae	A
MADDA	Maddabori	Madaburi	4	Clusia	spp.	Clusiaceae (Guttiferae)	E
MAHIK	Mahikaballi		4				E
MAHBL	Maho black		4	Rollinia	exsucca	Annonaceae	F
MAHRO	Maho rough leaf		4	Xylosterculia	rugosa	Sterculiaceae	K
MAHOB	Mahoballi		4	Panopsis	sessilifolia	Proteaceae	J
MAMUD	Mamudan		4	Guapira	spp.	Nyctaginaceae	E
MAMUD	Mamudan		4	Neea	spp.	Nyctaginaceae	E
MAMUR	Mamuriballi		4	Mouriria	spp.	Melastomataceae	S
MANAR	Manariballi	Hanariballi, Chiti, Manaraballi red, Manaraballi white	4	Elizabetha	princeps	Caesalpiniaceae	N
MANAR	Manariballi	Hanariballi, Chiti, Manaraballi red, Manaraballi white	4	Pithecellobium	spp.	Mimosaceae	N
MANIC	Manicole	Manaka, Manuka Palm	4	Euterpe	oleracea	Arecaceae	E
MANIQ	Maniquiniballi	Manyokinaballi	4	Geissospermum	spp.	Apocynaceae	M
MANOB	Manobodin	Candlewood	4	Emmotum	spp.	Icacinaceae	J
MATAM	Matamba		4	Cedrela	spp.	Meliaceae	G
MEREC	Merechiballi		4				E
MONMO	Monkey molasses		4	Cassia	spp.	Caesalpiniaceae	E
MORAS	Mora sand	Moroballi	4	Dicymbe	corymbosa	Caesalpiniaceae	E
MORAS	Mora sand	Moroballi	4	Talisia	squarrosa	Sapindaceae	E
MORAB	Moraballi		4	Pouteria	minutiflora	Sapotaceae	K
MUNER	Muneridan		4	Siparuna	spp.	Monimiaceae	A
OKOKO	Okokonshi	Hokonshi broad leaf	4	Lacunaria	spp.	Quiinaceae	C
OKOKO	Okokonshi	Hokonshi broad leaf	4	Quiina	spp.	Quiinaceae	C
PARAK	Parakusan		4	Swartzia	jenmanii	Caesalpiniaceae	S
PASTU	Pasture tree		4	Trymatococcus	paraensis	Moraceae	A
PLUM	Plum	Hog plum	4	Spondias	mombin	Anacardiaceae	E
QUAKU	Quaku		4				E
ROKOR	Rokoroko	Warapa, Roparopa	4	Macoubea	guianensis	Apocynaceae	E
RURI	Ruri	Uari	4	Chaetocarpus	spp.	Euphorbiaceae	D
RURRE	Ruri red skin		4				E
SANDP	Sandpaper tree		4	Curatella	americana	Dilleniaceae	E
SEREB	Serebedan	Serebebe	4	Swartzia	spp.	Caesalpiniaceae	J
SHIBL	Shiballidan	Kibalidan, Waiaballi	4	Hebepetalum	humiriifolium	Linaceae	C
SHIRA	Shirada	Shiria	4	Inga	laterifolia	Mimosaceae	E
SILKC	Silkcotton	Wild silkcotton	4	Bombax	spp.	Bombacaceae	R
SILVE	Silverballi		4	Ocotea	spp.	Lauraceae	E
SILAL	Silverballi almond gale	Almond gale	4	Aniba	citrifolia	Lauraceae	F

SILBO	Silverballi boradia		4				E
SILGI	Silverballi gingergale	Gingergale	4	Aniba	spp.	Lauraceae	A
SILPE	Silverballi pear leaf		4	Ocotea	acutangula	Lauraceae	C
SILSA	Silverballi sawari skin	Silverballi dolly pear, Silverballi white	4	Ocotea	canaliculata	Lauraceae	G
SILSH	Silverballi shirua		4	Ocotea	guianensis	Lauraceae	E
SWEET	Sweetheart	Sweetheart tree	4	Talisia	spp.	Sapindaceae	E
SWIZZ	Swizzlestick		4	Mabea	spp.	Euphorbiaceae	C
TABLE	Table tree		4	Cordia	exaltata	Boraginaceae	B
TAKAR	Takariwa		4				E
TAPAR	Taparau	Saparau	4	Myrciaria	vismefolia	Myrtaceae	E
TAPAB	Taparauballi		4	Myrciaria	spp.	Myrtaceae	E
TUREL	Tureli	Taparauballi, Snakewood, Kaparoballi, Kurang, Marblewood	4	Inga	gracilifolia	Mimosaceae	E
TUREL	Tureli	Taparauballi, Snakewood, Kaparoballi, Kurang, Marblewood	4	Zygia	racemosa	Mimosaceae	E
TURU	Turu		4	Jessenia	bataua	Palmae	E
UNIKI	Unikiakia	Iron Mary	4	Licania	spp.	Chrysobalanaceae	D
UNKNO	Unknown		4				E
VITYA	Vitya sand		4				E
WAIAB	Waiaballi	Waiadan, Wireballi	4	Tapura	guianensis	Chailletiaceae	A
WAKAD	Wakaradan		4	Miconia	spp.	Melastomataceae	E
WAKAR	Wakarua		4				E
WAKAU	Wakau	Wakapu	4	Sapium	jenmanii	Euphorbiaceae	E
WANAN	Wanania		4	Minquartia	guianensis	Icacinaceae	D
WARAI	Waraia	Waraia punctata, Waira	4	Miconia	punctata	Melastomataceae	B
WARAK	Warakaioero		4	Laetia	pocera	Flacourtiaceae	E
WARAO	Warakosa	Waikey, Whitey, Inga	4	Inga	spp.	Mimosaceae	D
WARIM	Warimia		4	Tapirira	guianensis	Anacardiaceae	E
WARIS	Warishi	Warauish	4				E
WARUA	Warua		4	Cassia	spp.	Caesalpiniaceae	C
WARUN	Warunana	Wild orange	4	Hortia	regia	Rutaceae	E
WARUW	Waruwai		4				E
WILCA	Wild calabas		4	Vitex	compressa	Verbenaceae	P
WILCH	Wild cherry	Hichu, Turtle cherry, Turtle berry, Plum rose,	4	Eugenia	patrisii	Myrtaceae	D
WILCO	Wild cocoa		4	Theobroma	bicolor	Sterculiaceae	E
WILFI	Wild fig		4	Ficus	spp.	Moraceae	R
WILGU	Wild guava	Guava	4	Calycolpus	goetheanus	Myrtaceae	B
WILMA	Wild mangrove	Mangrove hill	4	Tovomita	obovata	Guttiferae	B
YAKI	Yaki		4	Guettarda	acreana	Rubiaceae	E
YAKOR	Yakoro		4				E
YARID	Yaridan	Yariman	4				E
YARRI	Yarri yarri	Yariballi	4	Duguetia	spp.	Annonaceae	E
YAWAR	Yawaredan	Wauaridan	4	Sclerolobium	spp.	Caesalpiniaceae	E
YEKOR	Yekoro	Silverballi yakoro	4	Endlicheria	punctulata	Lauraceae	E
YEKOR	Yekoro	Silverballi yakoro	4	Licaria	vernicaosa	Lauraceae	E
YEKOR	Yekoro	Silverballi yakoro	4	Ocotea	spp.	Lauraceae	E
YESHI	Yeshikushi	Nashikushi	4	Ternstroemia	spp.	Theaceae	E



**Appendix IV**  
Abbreviation Table

1. Stand table of Stocking	<b>Nkm-(MKG) - Nkm-(WF)</b>
2. Stand table of Stocking	<b>N-(MKG) - N-(WF)</b>
3. Stand table of Total Stocking	<b>Nt-(MKG) - Nt-(WF)</b>
4. Stand table of Basal area	<b>BA-(MKG) – BA-(WF)</b>
5. Stand table of Volume	<b>V-(MKG) – V-(WF)</b>
6. Stand table of Total Volume	<b>Vt-(MKG) – Vt-(WF)</b>

**Appendix IV**  
**NK – MGK**

Stand table of Stocking (N/km2) for MGK (56373 ha, 74 transects)

Species	Botanical name	Diameter class (cm)											Quality (40cm+)		
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodiei</i>	972	232	206	131	69	32	18	7	1,668	9	695	10	364	331
Bulletwood	<i>Manilkara bidentata</i>	68	15	12	4	1	4	1	4	109	27	42	21	28	14
Letterwood	<i>Brosimum guianensis</i>	68	1	1						70	33	3	70	3	
Purpleheart	<i>Peltogyne spp.</i>	27	5	1	1	4	3	1	6	49	31	22	26	12	10
Purpleheart saka	<i>Peltogyne venosa</i>	20	3	1						24	62	4	57	3	1
Silverballi brown	<i>Cordia alliodora; Licaria canella</i>	14	1	1	1	1				19	52	5	49	1	4
Cedar red	<i>Cedrela odorata</i>	7								7	100		-		
<b>Sub-total (0)</b>		<b>1,175</b>	<b>258</b>	<b>224</b>	<b>137</b>	<b>76</b>	<b>39</b>	<b>20</b>	<b>17</b>	<b>1,946</b>	<b>8</b>	<b>771</b>	<b>9</b>	<b>411</b>	<b>360</b>
Wamara	<i>Swartzia leiocalycina</i>	1,797	221	88	24	5	4		1	2,141	10	344	9	147	196
Crabwood	<i>Carapa spp.</i>	1,454	124	65	26	5	1	1		1,677	14	223	14	119	104
Mora	<i>Mora excelsa</i>	967	143	129	81	82	45	28	49	1,524	12	558	12	145	413
Wamaradan	<i>Dicorynia guianensis</i>	592	82	91	67	45	28	18	9	932	16	340	9	174	166
Aromata	<i>Clathrotropis spp.</i>	797	59	22	11					890	12	92	14	36	56
Itikiboroballi	<i>Swartzia spp.</i>	362	15	4						381	16	19	28	7	12
Yarula	<i>Aspidosperma spp.</i>	236	23	22	9	12	4	3		309	25	73	17	42	31
Suya	<i>Pouteria speciosa</i>	182	38	34	14	8	4			280	27	97	31	77	20
Morabukea	<i>Mora gonggrijpii</i>	162	36	34	19	12	4	3	3	273	37	111	36	39	72
Kabukalli	<i>Ampelocera edentula; Goupia glabra</i>	203	11	12	15	5	7			253	22	50	19	16	34
Tauroniro	<i>Humiria balsamifera</i>	189	27	11	3					230	60	41	90	24	16
Shibadan	<i>Aspidosperma spp.</i>	123	1	1	3		2			130	32	7	51	3	4
Ulu	<i>Trattinickia spp.</i>	88	1	1	1	3	3	1	1	100	38	12	35	4	8
Dalli hill	<i>Virola longata</i>	74	3						1	78	43	4	57	4	
Dalli	<i>Virola surinamensis &amp; sebifera</i>	68	4				1			73	31	5	49	3	3
Silverballi yellow	<i>Aniba hypoglauca</i>	61	4	3	1	1			1	72	34	11	34	5	5
Tatabu	<i>Diplotropis purpurea</i>	34	1							35	50	1	100	1	
Manniballi	<i>Moronobea coccinea</i>	34	1							35	79	1	100		1
Locust	<i>Hymenaea spp.</i>	14	3		1		1			19	72	5	49	4	1
Simarupa	<i>Quassia simarouba</i>		4	4		5	1	1		16	31	16	31	8	8
Hakia	<i>Tabebuia spp.</i>	14								14	100		-		
Dalli swamp	<i>Virola spp.</i>	7	3		1					11	68	4	74	4	
Washiba	<i>Tabebuia spp.</i>	7								7	100		-		
Hububalli	<i>Loxopterygium sagotii</i>			3						3	70	3	70	1	1
<b>Sub-total (1)</b>		<b>7,465</b>	<b>805</b>	<b>523</b>	<b>276</b>	<b>185</b>	<b>107</b>	<b>56</b>	<b>66</b>	<b>9,482</b>	<b>5</b>	<b>2,018</b>	<b>4</b>	<b>865</b>	<b>1,153</b>
Wallaba soft	<i>Eperua falcata</i>	2,047	306	204	126	55	22	11	7	2,777	11	730	10	253	478
Baromalli	<i>Catostemma spp.</i>	1,878	56	32	11	3	3			1,983	16	104	18	69	35
Baromalli sand	<i>Catostemma altsonii; C. fragrans</i>	773	37	20	9	1				841	18	68	20	41	27
Kurokai	<i>Protium decandrum</i>	385	22	9						416	18	31	25	15	16
Silverballi kereti	<i>Ocotea spp.</i>	331	22	7	8					368	22	37	20	8	29
Monkey pot	<i>Lecythis zabucajo</i>	88	10	9	7	1		3		118	24	31	34	9	22
Dukalli	<i>Parahancornia fasciculata</i>	68	4	5	4		3			84	51	16	31	9	7
Karohoro	<i>Schefflera spp.</i>	70	1	3	3					77	37	7	52	1	5
Manni	<i>Symphonia globulifera</i>	41	4	3	1	1				50	33	9	36	5	4
Maporokon	<i>Inga alba</i>	20	11	9	4	3	1			49	38	28	25	18	11
Silverballi wabima	<i>Licaria cayennensis</i>	27								27	49		-		
Kirikaua	<i>Iryanthera spp.</i>	20								20	57		-		
Ubudi	<i>Anacardium giganteum</i>	14		1	1			1		18	55	4	57		4
Pakuri	<i>Platonia insignis</i>	14		1						15	64	1	100	1	
Baromalli common	<i>Catostemma commune</i>	7								7	100		-		
Kurahara	<i>Calophyllum lucidum</i>		1	1						3	70	3	70	3	



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
<b>Sub-total (2)</b>			<b>5,781</b>	<b>475</b>	<b>306</b>	<b>175</b>	<b>65</b>	<b>28</b>	<b>15</b>	<b>7</b>	<b>6,851</b>	<b>8</b>	<b>1,070</b>	<b>8</b>	<b>432</b>	<b>638</b>
Kakaralli black		<i>Eschweilera subglandulosa</i>	1,957	145	76	17	1	1			2,196	11	240	14	109	130
Sarebebeballi		<i>Vouacapoua macropetala</i>	1,529	167	112	35	14	5	1		1,864	24	335	25	5	330
Kauta		<i>Licania spp.</i>	1,045	18	4	1					1,068	15	23	31	7	16
Trysil		<i>Pentaclethra maculoba</i>	1,066	1							1,068	23	1	100		1
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	905	64	19	5	1				994	14	89	19	60	29
Kakaralli others		<i>Eschweilera spp.</i>	676	31	16	15	4			1	743	27	68	32	36	31
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	574	51	20	8					654	20	80	21	49	31
Marishiballi		<i>Licania spp.</i>	453	18	4	1				1	477	35	24	44	16	8
Korokororo		<i>Ormosia coutinhoi</i>	196	26	15	7	3	1			248	25	52	26	19	33
Kakaralli wina		<i>Lecythis corrugata</i>	209	12	9	3	1				235	22	26	32	14	12
Asepoko		<i>Pouteria guianensis</i>	223	1	3	3				1	231	25	8	46	3	5
Kakaralli fine leaf		<i>Eschweilera grata</i>	216	4							220	47	4	74		4
Burada		<i>Parinari campestris</i>	176	12	12	5	4	1		1	212	47	36	35	28	8
Duka		<i>Tapirira marchandii</i>	142	15	3						159	37	18	30	5	12
Watapa		<i>Eperua rubiginosa</i>	135	8	4	3					150	64	15	91	4	11
Cedar white		<i>Tabebuia insignis v. monophylla</i>	128	7	9	3	1			1	150	37	22	38	7	15
Buruma		<i>Pourouma spp.</i>	135	9	1						146	25	11	38	5	5
Futui		<i>Jacaranda copaia</i>	128	7	3	4	1				143	27	15	42	7	8
Maho		<i>Sterculia spp.</i>	135	1	5						142	26	7	52	5	1
Kokoritiballi		<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	122	5	4	1	1				134	24	12	31	4	8
Maho smooth leaf		<i>Sterculia pruriens</i>	88	8	3						99	28	11	38	1	9
Wadara		<i>Couratari spp.</i>	81	4	4	4	4				97	30	16	29	9	7
Barakaro		<i>Ormosia spp.</i>	61	9		1					71	36	10	56	1	9
Huruasa		<i>Abarema jupunba</i>	50	5	7	3		1	3		68	47	18	34	10	8
Haudan		<i>Lecythis spp.</i>	47	3	4					1	56	36	8	40	8	
Inyek		<i>Antonia ovata</i>	47			1	3				51	52	4	74	1	3
Asepokoballi fine leaf		<i>Pouteria caimito</i>	47								47	51		-		
Asepokoballi		<i>Pouteria jenmanii</i>	41	3							43	43	3	70		3
Haiawa		<i>Protium spp.</i>	41								41	46		-		
Kamahora		<i>Pouteria spp.</i>	34	3		1					38	39	4	74	1	3
Suradan		<i>Hieronyma alchorneoides</i>	27	5	4	1					38	43	11	42	4	7
Sawari		<i>Caryocar nuciferum</i>	14	1	5	4		4	3	5	36	41	23	30	7	16
Fukadi		<i>Buchenavia spp.</i>	20	1	1	3					26	61	5	49	1	4
Bat seed		<i>Andira spp.</i>	20		1					1	23	54	3	70	3	
Dukuria		<i>Sacoglottis guianensis</i>	20	3							23	51	3	70		3
Limonaballi		<i>Chrysophyllum pomiferum</i>	20	3							23	51	3	70	1	1
Cow wood		<i>Bagassa guianensis</i>	14	1	3		1				19	72	5	49	3	3
Hachiballi		<i>Pera spp.</i>	14		3						16	61	3	100	1	1
Haiawaballi		<i>Protium tenuifolium</i>	14		1						15	91	1	100		1
Kauta fine leaf		<i>Licania spp.</i>	14								14	70		-		
Manariballi black		<i>Parkia nitida</i>	14								14	100		-		
Wadara fine leaf		<i>Couratari multiflora</i>	14								14	70		-		
Wallaba ituri		<i>Campsiandra comosa; Eperua spp.</i>	14								14	70		-		
Fukadi hill		<i>Terminalia amazonia</i>	7	1	1						9	74	3	70		3
Dukaliballi		<i>Brosimum rubescens</i>	7	1		1					9	74	3	70	1	1
Kakaralli guava skin		<i>Eschweilera alata</i>	7								7	100		-		
Uya		<i>Parkia ulei</i>			1	3				1	5	49	5	49	4	1
Hipanai		<i>Parkia pendula</i>		1		1	1				4	57	4	57	1	3
Dakama		<i>Dimorphandra conjugata</i>								1	1	100	1	100		1



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Darina		<i>Hymenolobium flavum</i>						1				1	100	1	100		1
Iteballi		<i>Vochysia spp.</i>				1						1	100	1	100	1	
Koraroballi		<i>Hymenolobium spp.</i>			1							1	100	1	100		1
Wadara broad leaf		<i>Couratari spp.</i>				1						1	100	1	100		1
<b>Sub-total (3)</b>			<b>10,923</b>	<b>655</b>	<b>362</b>	<b>137</b>	<b>42</b>	<b>16</b>	<b>11</b>	<b>14</b>	<b>12,160</b>	<b>4</b>	<b>1,236</b>	<b>8</b>	<b>446</b>	<b>791</b>	
Maburia			2,267	1								2,268	17	1	100	1	
Kautaballi		<i>Licania spp.</i>	1,509	95	28	4	3					1,639	12	130	13	64	66
Unknown			1,514	30	14	14	4				1	1,576	16	62	20	11	51
Waiaballi		<i>Tapura guianensis</i>	1,213	1								1,214	12	1	100	1	
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	926	3		3						931	16	5	49	3	3
Manicole		<i>Euterpe oleracea</i>	459									459	39		-		
Warakosa		<i>Inga spp.</i>	436	11	5	3	1					456	17	20	30	1	19
Shiballidan		<i>Hebepetalum humiriifolium</i>	453	1								454	29	1	100		1
Taparaballi		<i>Myrciaria spp.</i>	383									383	32		-		
Table tree		<i>Cordia exaltata</i>	360	1								361	16	1	100		1
Arara smooth skin		<i>Guatteria atra</i>	353	1								354	31	1	100	1	
Moraballi		<i>Pouteria minutiflora</i>	277	23	15	3	3				1	322	20	45	26	15	30
Apoukito		<i>Chamaecrista apoucouita</i>	296	14	9	1		1				321	28	26	38		26
Arara fine leaf		<i>Guatteria schomburgkiana</i>	297									297	31		-		
Awasukule		<i>Tovomita spp.</i>	291	1								292	24	1	100	1	
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	277	1								278	26	1	100	1	
Aruadan		<i>Sloania/Couepia spp.</i>	250	8	1	3						262	23	12	35	4	8
Maddabori		<i>Clusia spp.</i>	236									236	69		-		
Turu		<i>Jessenia bataua</i>	189									189	38		-		
Buruburuli		<i>Licania spp.</i>	128	5	4			1				139	24	11	42	4	7
Adebero		<i>Paypayrola longifolia</i>	137									137	29		-		
Asashi		<i>Rheedia spp.</i>	128	1								130	27	1	100	1	
Congo pump		<i>Cecropia spp.</i>	95	26	4	1						126	31	31	41	24	7
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	103	8	3	4	3	3				123	30	20	33	7	14
Kamakuti		<i>Bombax spp.</i>	122			1						123	49	1	100	1	
Silverballi sawari skin		<i>Ocotea canaliculata</i>	95	3	8	3	4			3	1	116	23	22	38	9	12
Barabara		<i>Diospyros spp.</i>	95	9	3	1						108	33	14	36	8	5
Hikuribianda			108									108	37		-		
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	95	5		1						101	37	7	52		7
Manobodin		<i>Emmotum spp.</i>	95	3		1			1			100	54	5	61	3	3
Arara broad leaf			95	3								97	30	3	100	3	
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	88	4	4							96	49	8	57	3	5
Silverballi Gingergate		<i>Aniba spp.</i>	88	1			1					91	35	3	100	1	1
Aiomorakushi		<i>Pouteria cladantha</i>	88	1								89	35	1	100		1
Kudibiushi		<i>Micropholis venulosa</i>	88									88	30		-		
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	88									88	51		-		
Ruri		<i>Chaetocarpus spp.</i>	81	5	1							88	34	7	59	1	5
Silverballi		<i>Ocotea spp.</i>	83	3	1							87	36	4	57		4
Kokonite		<i>Attalea regia</i>	81									81	92		-		
Yarri yarri		<i>Duguetia spp.</i>	74	1								76	42	1	100	1	
Kaditiri		<i>Sclerolobium guianensis</i>	61	5	1				1			69	32	8	39		8
Komaramara		<i>Duroia eriopila</i>	68							1		69	35	1	100		1
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	68									68	30		-		
Wakaradan		<i>Miconia spp.</i>	68									68	41		-		
Duru		<i>Apeiba spp.</i>	56	4	1	1						62	49	7	52	1	5

Species	Common name	Botanical name	Diameter class (cm)										Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Kakarua		<i>Pradosia schomburgkii</i>	54	7	1							62	71	8	52	3	5
Ruri red skin			54	5	3							62	37	8	46	5	3
Warakaoro		<i>Laetia pocera</i>	54	7		1						62	46	8	46	4	4
Lu Palm		<i>Oenocarpus bacaba</i>	61									61	35		-		
Maburilli		<i>Maburea trinervis</i>	61									61	59		-		
Maho rough leaf		<i>Xylosterculia rugosa</i>	54	4	1							59	36	5	49	4	1
Konoko		<i>Licania cuprea; Pouteria engleri</i>	47	5	1		1					55	39	8	39	4	4
Silverballi Almond Gale		<i>Aniba citrifolia</i>	54	1								55	37	1	100		1
Arrow Palm			54									54	100		-		
Yawaredan		<i>Sclerolobium spp.</i>	54									54	42		-		
Bloodwood		<i>Vismia spp.</i>	47									47	51		-		
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>	47									47	42		-		
Kumaramara			47									47	62		-		
Serebedan		<i>Swartzia spp.</i>	47									47	62		-		
Taparau		<i>Myrciaria vismeifolia</i>	47									47	71		-		
Imirimia			41	5								46	83	5	79		5
Greenheart gale		<i>Aniba excelsa</i>	41	1	1		1					45	36	4	74		4
Tureli		<i>Inga gracilifolia; Zygia racemosa</i>	41	1	1							43	43	3	70	1	1
Kakotaro		<i>Ilex martiniana</i>	41									41	57		-		
Silverballi pear leaf		<i>Ocotea acutangula</i>	41									41	52		-		
Awati		<i>Maprounea guianensis</i>	41									41	70		-		
Kulishiri white			34	3								36	40	3	70	1	1
Akarako		<i>Marlierea schomburgkiana</i>	34									34	82		-		
Iron Mary		<i>Clathrotropis paradoxa</i>	34									34	52		-		
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>	34									34	82		-		
Parakusan		<i>Swartzia jenmanii</i>	14	7		5	1			3	4	34	39	20	35		20
Unikiakia		<i>Licania spp.</i>	27	1								28	47	1	100		1
Kakirio		<i>Calycolpus goetheanus; C. revolutus; Myrcia rufipila; Myrciaria floribunda; Plinia pinnata</i>	27									27	79		-		
Mababalli		<i>Aparisthium cordatum; Conceveiba guianensis</i>	27									27	49		-		
Sweetheart		<i>Talisia spp.</i>	27									27	61		-		
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	20	1	4							26	59	5	49	3	3
Kaiaima		<i>Maytenus spp.</i>	20	1		3						24	84	4	74		4
Karapai		<i>Annona haematantha</i>	24									24	77		-		
Baririkuti		<i>Mabea piriri</i>	22									22	57		-		
Hakiaballi		<i>Vitex spp.</i>	14	3	1	1	1			1		22	64	8	46	4	4
Bokotokon		<i>Hirtella spp.</i>	20									20	74		-		
Mamudan		<i>Guapira spp.; Neea spp.</i>	20									20	57		-		
Silverballi boradia			20									20	74		-		
Wild Guava		<i>Calycolpus goetheanus</i>	20									20	57		-		
Banyaballi		<i>Eugenia spp.</i>	14									14	100		-		
Bauwaua		<i>Astronium ulei</i>	14									14	70		-		
Curry tree		<i>Pogonophona schomburgkiana</i>	14									14	70		-		
Fern Tree		<i>Touroulia guianensis</i>	14									14	100		-		
Hatti		<i>Hevea spp.</i>	14									14	100		-		
Hurehi			14									14	100		-		
Ibibanaro			14									14	70		-		
Ite Palm		<i>Mauritia flexuosa</i>	14									14	100		-		



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Kawakaia			14									14	70		-		
Komaramaraballi		<i>Amaioua guianensis</i>	14									14	70		-		
Kufiballi		<i>Guarea pubescens</i>	14									14	100		-		
Quaku			14									14	70		-		
Waraia		<i>Miconia punctata</i>	14									14	70		-		
Wild Cherry		<i>Eugenia patrisii</i>	14									14	70		-		
Yaki		<i>Guettarda acreana</i>	14									14	100		-		
Charcoal			7	4	1							12	61	5	61	3	3
Aimoradan			7	3	1							11	68	4	74	1	3
Devildoer tree		<i>Strychnos spp.</i>	7			3				1		11	66	4	57		4
Matamba		<i>Cedrela spp.</i>	7		1					3		11	68	4	74	1	3
Hurihi		<i>Humiriastrum obovata</i>	7	3								9	74	3	70	1	1
Kumakaballi		<i>Coussapoa hypochloro; Ficus mathewsii</i>	7	1		1						9	74	3	70		3
Himoradan			7					1				8	85	1	100	1	
Kanoaballi		<i>Byrsonima stipulacea</i>	7	1								8	85	1	100	1	
Muneridan		<i>Siparuna spp.</i>	7	1								8	85	1	100	1	
Barataballi		<i>Ecclinusa sanguinolenta</i>	7									7	100		-		
Bartaballi		<i>Ecclinusa guianensis</i>	7									7	100		-		
Boba		<i>Iriarteia exorrhiza</i>	7									7	100		-		
Bukabukatokon			7									7	100		-		
Carambi			7									7	100		-		
Cocane tree		<i>Erythroxylum spp.</i>	7									7	100		-		
Corkwood		<i>Pterocarpus officinalis</i>	7									7	100		-		
Ishirodan			7									7	100		-		
Karababalli		<i>Guarea guidonia</i>	7									7	100		-		
Kurihikoyoko			7									7	100		-		
Mabwa		<i>Himatanthus spp.</i>	7									7	100		-		
Maho black		<i>Rollinia exsucca</i>	7									7	100		-		
Manaka			7									7	100		-		
Merechiballi			7									7	100		-		
Rokoroko		<i>Macoubea guianensis</i>	7									7	100		-		
Shirada		<i>Inga laterifolia</i>	7									7	100		-		
Takariwa			7									7	100		-		
Wakau		<i>Sapium jenmanii</i>	7									7	100		-		
Warunana		<i>Hortia regia</i>	7									7	100		-		
Halchiballi		<i>Ipomoea phillomega</i>		3	1							4	74	4	74	1	3
Corkwood hill		<i>Pterocarpus rohrii</i>		3								3	100	3	100		3
Bakupur		<i>Pouteria spp.</i>		1								1	100	1	100	1	
Blackheart		<i>Acosmium praecleara</i>		1								1	100	1	100		1
Johnbacai					1							1	100	1	100		1
Koraro							1					1	100	1	100	1	
Koyechiballi		<i>Lueheopsis rugosa</i>			1							1	100	1	100		1
Monkey mollases		<i>Cassia spp.</i>		1								1	100	1	100		1
Warishi				1								1	100	1	100		1
Yakoro								1				1	100	1	100		1
<b>Sub-total (4)</b>			<b>16,254</b>	<b>359</b>	<b>127</b>	<b>59</b>	<b>27</b>	<b>9</b>	<b>8</b>	<b>12</b>	<b>16,857</b>	<b>4</b>	<b>603</b>	<b>6</b>	<b>218</b>	<b>385</b>	
<b>TOTAL</b>			<b>41,598</b>	<b>2,552</b>	<b>1,541</b>	<b>785</b>	<b>395</b>	<b>200</b>	<b>110</b>	<b>115</b>	<b>47,296</b>	<b>2</b>	<b>5,698</b>	<b>3</b>	<b>2,372</b>	<b>3,326</b>	

**Appendix IV**

**Nkm - MGB**



Stand table of Stocking (N/km2) for MGB (15288 ha, 26 transects)

Species	Common name	Botanical name	Diameter class (cm)										Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	1,055	211	189	132	84	15	12	12	1,710	22	655	16	334	321
Bulletwood		<i>Manilkara bidentata</i>	115	4	8		8			135	49	19	50	15	4	
Purpleheart		<i>Peltogyne spp.</i>		4	4			4		8	19	50	19	50	15	4
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	19							19	100					
Letterwood		<i>Brosimum guianensis</i>			4					4	100	4	100		4	
<b>Sub-total (0)</b>			<b>1,190</b>	<b>219</b>	<b>204</b>	<b>132</b>	<b>92</b>	<b>19</b>	<b>12</b>	<b>19</b>	<b>1,887</b>	<b>20</b>	<b>698</b>	<b>15</b>	<b>369</b>	<b>328</b>
Wamara		<i>Swartzia leiocalycina</i>	2,228	261	103	25		4		2,621	15	393	17	148	245	
Crabwood		<i>Carapa spp.</i>	1,432	116	38	19	8			1,613	30	181	33	101	81	
Wamaradan		<i>Dicorynia guianensis</i>	530	74	82	93	44	23	4	849	16	319	15	123	196	
Mora		<i>Mora excelsa</i>	249	42	79	55	49	29	27	49	579	35	330	38	68	262
Aromata		<i>Clathrotropis spp.</i>	462	27	21					509	33	48	44	23	25	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	297	38	15	4	15	4	4	377	33	81	21	38	42	
Yarula		<i>Aspidosperma spp.</i>	231	35	38	15	23	4	8	354	25	123	32	54	69	
Itikiboroballi		<i>Swartzia spp.</i>	288	12						300	37	12	55	8	4	
Suya		<i>Pouteria speciosa</i>	96	27	42	15	15			196	38	100	35	69	31	
Dalli hill		<i>Virola longata</i>	173	8	4	4				188	53	15	47	15		
Shibadan		<i>Aspidosperma spp.</i>	135	8		8	4			154	43	19	50	12	8	
Morabukeya		<i>Mora gonggrijpii</i>	77	31	15	12	4		4	142	56	65	59	8	58	
Dalli		<i>Virola surinamensis &amp; sebifera</i>	77		4					81	66	4	100	4		
Ulu		<i>Trattinickia spp.</i>	38	4	4					46	58	8	69	8		
Manniballi		<i>Moronobea coccinea</i>	38							38	69					
Locust		<i>Hymenaea spp.</i>	19						8	27	73	8	69	8		
Dalli swamp		<i>Virola spp.</i>	19	4						23	84	4	100		4	
Silverballi yellow		<i>Aniba hypoglauca</i>	19							19	100					
Simarupa		<i>Quassia simarouba</i>		4	4	4				12	55	12	55	12		
Tatabu		<i>Diploptis purpurea</i>		4	4					8	69	8	69	8		
Tauroniro		<i>Humiria balsamifera</i>		8						8	100	8	100	4	4	
<b>Sub-total (1)</b>			<b>6,408</b>	<b>700</b>	<b>454</b>	<b>253</b>	<b>163</b>	<b>63</b>	<b>46</b>	<b>57</b>	<b>8,145</b>	<b>9</b>	<b>1,736</b>	<b>11</b>	<b>708</b>	<b>1,028</b>
Wallaba soft		<i>Eperua falcata</i>	1,542	184	161	48	38	12	8	1,993	21	450	20	120	330	
Baromalli		<i>Catostemma spp.</i>	1,232	49	29	4				1,314	26	82	32	59	23	
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	810	35	27	4	5			881	32	71	30	40	31	
Silverballi kereti		<i>Ocotea spp.</i>	509	35	12	4				559	26	50	32	15	35	
Kurokai		<i>Protium decandrum</i>	387	42	26					455	24	69	28	35	34	
Monkey pot		<i>Lecythis zabucajo</i>	271	19	15	15				321	23	50	25	23	27	
Maporokon		<i>Inga alba</i>	58		23	12	4			96	40	38	46	15	23	
Manni		<i>Symphonia globulifera</i>	77		8	4				88	43	12	55	8	4	
Karohoro		<i>Schefflera spp.</i>	77	4						81	45	4	100	4		
Ubudi		<i>Anacardium giganteum</i>	19	4					4	27	73	8	69		8	
Dukalli		<i>Parahancomia fasciculata</i>	19							19	100					
Kirikaua		<i>Iryanthera spp.</i>	19							19	100					
<b>Sub-total (2)</b>			<b>5,020</b>	<b>372</b>	<b>300</b>	<b>90</b>	<b>47</b>	<b>12</b>	<b>12</b>	<b>5,853</b>	<b>9</b>	<b>833</b>	<b>12</b>	<b>319</b>	<b>514</b>	
Kakaralli black		<i>Eschweilera subglandulosa</i>	2,330	207	100	12		9		2,658	17	328	18	174	154	
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	1,852	120	46	36	13			2,067	21	215	30	169	46	
Kauta		<i>Licania spp.</i>	1,141	27						1,168	21	27	39	23	4	
Kakaralli others		<i>Eschweilera spp.</i>	738	29	15				4	786	35	47	31	17	30	
Trysil		<i>Pentaclethra macroloba</i>	720							720	38					
Kakaralli fine leaf		<i>Eschweilera grata</i>	563	20	12					595	81	32	57	13	19	
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	385	32	8	4				429	42	44	50	15	29	
Kakaralli wina		<i>Lecythis corrugata</i>	297	27	8					331	47	35	58	23	12	
Cedar white		<i>Tabebuia insignis v. monophylla</i>	299	15	4	8				326	34	27	64		27	
Maho		<i>Sterculia spp.</i>	299	4	4	4				310	26	12	55	4	8	
Duka		<i>Tapirira marchandii</i>	274	15						289	31	15	47		15	



Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
	Futui	<i>Jacaranda copaia</i>	256	8										264	35	8	69	4	4
	Asepoko	<i>Pouteria guianensis</i>	250	8										258	31	8	69		8
	Buruma	<i>Pourouma spp.</i>	235	8										243	29	8	100	8	
	Sarebebeballi	<i>Vouacapoua macropetala</i>	192	12	15	15	4							238	58	46	64	4	42
	Watapa	<i>Eperua rubiginosa</i>	192	5	11									209	100	16	100	11	5
	Asepokoballi	<i>Pouteria jenmanii</i>	173	4										177	47	4	100	4	
	Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>	96	8	19									123	100	27	100		27
	Huruasa	<i>Abarema jupunba</i>	77	4	15	8	4	4	8					119	64	42	30	15	27
	Korokororo	<i>Ormosia coutinhoi</i>	77	15	8	8								108	55	31	50	15	15
	Kokoritiballi	<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	77	21		4								102	43	25	43	21	4
	Inyek	<i>Antonia ovata</i>	98											98	50		-		
	Marishiballi	<i>Licania spp.</i>	77	12	4									92	54	15	47	15	
	Hairariballi	<i>Alexa spp.</i>	58	12	12									81	95	23	84		23
	Wadara	<i>Couratari spp.</i>	58	4	8	4	4							77	42	19	50	8	12
	Maho smooth leaf	<i>Sterculia pruriens</i>	58											58	55		-		
	Kakaralli guava skin	<i>Eschweilera alata</i>	55											55	100		-		
	Burada	<i>Parinari campestris</i>	47						4				4	54	65	8	69	4	4
	Fukadi	<i>Buchenavia spp.</i>	38										4	42	63	4	100	4	
	Barakaro	<i>Ormosia spp.</i>	19	5	8		4	4						40	51	21	42	9	12
	Haiawaballi	<i>Protium tenuifolium</i>	38											38	69		-		
	Haiawa	<i>Protium spp.</i>	38											38	69		-		
	Cow wood	<i>Bagassa guianensis</i>	19	4	8									31	64	12	55	12	
	Dukuria	<i>Sacoglottis guianensis</i>	19				4							23	100	4	100	4	
	Iteballi	<i>Vochysia spp.</i>	19				4							23	84	4	100	4	
	Koraroballi	<i>Hymenolobium spp.</i>	21											21	100		-		
	Hachiballi	<i>Pera spp.</i>	19											19	100		-		
	Kauta fine leaf	<i>Licania spp.</i>	19											19	100		-		
	Sawari	<i>Caryocar nuciferum</i>		4	4								4	12	73	12	73	4	8
	Suradan	<i>Hieronyma alchorneoides</i>				4	4							8	69	8	69		8
	Asepokoballi fine leaf	<i>Pouteria caimito</i>		4										4	100	4	100	4	
	Darina	<i>Hymenolobium flavum</i>			4									4	100	4	100		4
	Devil's ear	<i>Enterolobium cyclocarpum</i>				4								4	100	4	100	4	
	Hipanai	<i>Parkia pendula</i>			4									4	100	4	100	4	
	Kamahora	<i>Pouteria spp.</i>		4										4	100	4	100	4	
	Tonka bean	<i>Dipteryx odorata</i>							4					4	100	4	100		4
	Wadara broad leaf	<i>Couratari spp.</i>					4							4	100	4	100	4	
	Wadara fine leaf	<i>Couratari multiflora</i>		4										4	100	4	100	4	
	<b>Sub-total (3)</b>		<b>11,224</b>	<b>641</b>	<b>314</b>	<b>109</b>	<b>44</b>	<b>25</b>	<b>12</b>	<b>12</b>	<b>12,381</b>	<b>7</b>	<b>1,157</b>	<b>10</b>	<b>607</b>	<b>549</b>			
	Unknown		2,265	50	39	12	8							2,373	27	108	25	38	70
	Maburia		1,819											1,819	26		-		
	Kautaballi	<i>Licania spp.</i>	1,721	74	19	4								1,817	17	96	25	53	43
	Waiaballi	<i>Tapura guianensis</i>	1,642											1,642	22		-		
	Kuyama	<i>Licania heteromorpha; Xylopa nitida; X. spp.</i>	1,327	19										1,346	19	19	41	12	8
	Shiballidan	<i>Hebepetalum humirifolium</i>	720											720	33		-		
	Warakosa	<i>Inga spp.</i>	622	19	15									656	24	35	36	8	27
	Aruadan	<i>Sloania/Couepia spp.</i>	547	19	4									570	28	23	55	4	19
	Moraballi	<i>Pouteria minutiflora</i>	464	34	23	12	4							536	29	73	27	32	40
	Arara	<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	508											508	45		-		
	Table tree	<i>Cordia exaltata</i>	378											378	36		-		
	Imirimiaballi	<i>Chamaecrista adaintifolia</i>	308											308	57		-		
	Awaskule	<i>Tovomita spp.</i>	301											301	47		-		
	Arara fine leaf	<i>Guatteria schomburgkiana</i>	297											297	37		-		



Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Congo pump	<i>Cecropia spp.</i>	235								235	45		-		
Maburilli	<i>Maburea trinervis</i>	201								201	78		-		
Turu	<i>Jessenia bataua</i>	192								192	46		-		
Kudibushi	<i>Micropholis venulosa</i>	177		4						181	38	4	100		4
Ruri red skin		154	17	8						179	41	25	43	12	13
Manicole	<i>Euterpe oleracea</i>	175								175	57		-		
Apoukito	<i>Chamaecrista apoucouita</i>	140	4	16						160	67	20	83	5	15
Silverballi sawari skin	<i>Ocotea canaliculata</i>	96	19	12	12	8			8	154	38	58	34	12	46
Manobodin	<i>Emmotum spp.</i>	137								137	60		-		
Barabara	<i>Diospyros spp.</i>	135								135	33		-		
Buruburuli	<i>Licania spp.</i>	135								135	49		-		
Itara		135								135	76		-		
Okokonshi	<i>Lacunaria spp.; Quina spp.</i>	135								135	39		-		
Taparaballi	<i>Myrciaria spp.</i>	135								135	60		-		
Wakaradan	<i>Miconia spp.</i>	135								135	100		-		
Aiomorakushi	<i>Pouteria cladantha</i>	115	4	8						127	46	12	55	8	4
Kaditiri	<i>Sclerolobium guianensis</i>	98	12	4	8	4				125	36	27	39	15	12
Greenheart gale	<i>Aniba excelsa</i>	120								120	50		-		
Asashi	<i>Rheedia spp.</i>	120								120	45		-		
Arara smooth skin	<i>Guatteria atra</i>	115								115	44		-		
Mora sand	<i>Dicymbe corymbosa; Talisia squarrosa</i>	77	19	12	4					112	100	35	100	4	31
Manariballi	<i>Elizabetha princeps; Pithecellobium spp.</i>	77	8	4	15	4				108	41	31	43	8	23
Adebero	<i>Paypayrola longifolia</i>	104								104	42		-		
Wild Cherry	<i>Eugenia patrisii</i>	96								96	65		-		
Yarri yarri	<i>Duguetia spp.</i>	93								93	70		-		
Kamakuti	<i>Bombax spp.</i>	81	4							85	66	4	100	4	
Banyaballi	<i>Eugenia spp.</i>	77								77	59		-		
Komaramara	<i>Duroia eriopila</i>	77								77	78		-		
Kulishiri white		77								77	47		-		
Silverballi Gingergale	<i>Aniba spp.</i>	77								77	47		-		
Kumaramara		62								62	74		-		
Kanoaballi	<i>Byrsonima stipulacea</i>	58	4							62	69	4	100	4	
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>	58								58	73		-		
Kokorite	<i>Attalea regia</i>	58								58	73		-		
Lu Palm	<i>Oenocarpus bacaba</i>	58								58	55		-		
Maddabori	<i>Clusia spp.</i>	58								58	73		-		
Silverballi Almond Gale	<i>Aniba citrifolia</i>	58								58	73		-		
Yawaredan	<i>Sclerolobium spp.</i>	58								58	55		-		
Kakarua	<i>Pradosia schomburgkii</i>	58								58	100		-		
Duru	<i>Apeiba spp.</i>	38		4		4				46	58	8	69	8	
Karababalli	<i>Guarea guidonia</i>	43								43	100		-		
Hicha	<i>Byrsonima spicata</i>	38	4							42	91	4	100		4
Maho rough leaf	<i>Xylosteerculia rugosa</i>	38			4					42	63	4	100		4
Ruri	<i>Chaetocarpus spp.</i>	38		4						42	63	4	100		4
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>	38								38	69		-		
Quaku		38								38	100		-		
Silverballi pear leaf	<i>Ocotea acutangula</i>	38								38	69		-		
Silverballi shirua		38								38	100		-		
Wild Guava	<i>Calycolpus goetheanus</i>	38								38	69		-		
Corkwood hill	<i>Pterocarpus rohrii</i>	19	8	4						31	64	12	55		12
Arikadako	<i>Byrsonima spp.</i>	21	4							26	100	4	100		4
Iron Mary	<i>Clathrotropis paradoxa</i>	19	4							23	100	4	100		4
Konoko	<i>Licania cuprea; Pouteria engleri</i>	19	4							23	100	4	100	4	



**Appendix V**  
**NK - MMC**



Stand table of Stocking (N/km2) for MMC (30363 ha, 40 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Greenheart		<i>Chlorocardium rodiei</i>	861	165	122	117	72	34	12				1,384	18	523	18	302	221
Bulletwood		<i>Manikara bidentata</i>	12	10	17	7				2	2		52	35	40	37	25	15
Purpleheart saka		<i>Peltogyne venosa</i>	25										25	70		-		
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	12	7									20	65	7	56		7
Purpleheart		<i>Peltogyne spp.</i>		2	5		2	2	2				15	38	15	38	15	
Letterwood		<i>Brosimum guianensis</i>	12										12	100		-		
<b>Sub-total (0)</b>			<b>923</b>	<b>185</b>	<b>144</b>	<b>125</b>	<b>75</b>	<b>39</b>	<b>17</b>			<b>1,509</b>	<b>17</b>	<b>585</b>	<b>17</b>	<b>342</b>	<b>244</b>	
Mora		<i>Mora excelsa</i>	2,055	328	357	287	196	136	107	116			3,583	13	1,527	14	392	1,135
Crabwood		<i>Carapa spp.</i>	1,577	96	51	31	5				2		1,762	25	186	24	97	88
Wamara		<i>Swartzia leiocalycina</i>	1,080	112	66	17				2			1,279	16	199	17	95	104
Wamaradan		<i>Dicorynia guianensis</i>	500	87	60	45	49	12	10	10			774	19	274	15	149	125
Aromata		<i>Clathrotropis spp.</i>	579	31	7		2				2		622	22	44	39	26	17
Itikiboroballi		<i>Swartzia spp.</i>	573	22	10	2							608	18	35	36	10	25
Yarula		<i>Aspidosperma spp.</i>	379	41	36	15	5	7	5				488	29	110	21	37	72
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	300	15	31	5	5	2	5				364	35	64	18	21	42
Morabukea		<i>Mora gonggrijpii</i>	125	21	20	9	5			2			181	42	56	51	11	45
Dalli swamp		<i>Virola spp.</i>	112	2	10								125	54	12	59	5	7
Silverballi yellow		<i>Aniba hypoglauca</i>	98								2		101	46	2	100		2
Dalli		<i>Virola surinamensis &amp; sebifera</i>	75	12	5	5							97	47	22	70	10	12
Tauroniro		<i>Humiria balsamifera</i>	25	7	2	2							37	68	12	82	10	2
Ulu		<i>Tratinickia spp.</i>	25	5							2		32	54	7	56	2	5
Dalli hill		<i>Virola longata</i>	25	5									30	59	5	70		5
Shibadan		<i>Aspidosperma spp.</i>	25	2									27	70	2	100		2
Simarupa		<i>Quassia simarouba</i>	12			2			5	2			22	61	10	60	5	5
Suya		<i>Pouteria speciosa</i>		5	12								17	45	17	45	10	7
Washiba		<i>Tabebuia spp.</i>	12										12	100		-		
<b>Sub-total (1)</b>			<b>7,579</b>	<b>795</b>	<b>668</b>	<b>422</b>	<b>267</b>	<b>166</b>	<b>137</b>	<b>131</b>	<b>10,165</b>	<b>6</b>	<b>2,586</b>	<b>8</b>	<b>887</b>	<b>1,699</b>		
Wallaba soft		<i>Eperua falcata</i>	2,843	367	224	102	50	22	12	5			3,626	17	783	15	216	567
Baromalli		<i>Catostemma spp.</i>	2,743	54	17	5					2		2,821	19	79	27	49	30
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	998	22	12								1,033	38	35	39	22	12
Silverballi kereti		<i>Ocotea spp.</i>	175	25	2								202	28	27	34	7	20
Kurokai		<i>Protium decandrum</i>	87	5	2								95	41	7	56	2	5
Maporokon		<i>Inga alba</i>	37	22	2	10							72	33	35	33	12	22
Monkey pot		<i>Lecythis zabucajo</i>	43	10	5	5					2		65	40	22	37	7	15
Kirikaua		<i>Iryanthera spp.</i>	43										43	57		-		
Dukalli		<i>Parahancornia fasciculata</i>	25	2	5							2	35	56	10	48	5	5
Kurahara		<i>Calophyllum lucidum</i>	12			2							15	85	2	100		2
Manni		<i>Symphonia globulifera</i>		5	5				2				12	51	12	51	2	10
Karohoro		<i>Schefflera spp.</i>		2	2								5	70	5	70		5
Ubudi		<i>Anacardium giganteum</i>									2		2	100	2	100		2
<b>Sub-total (2)</b>			<b>7,007</b>	<b>516</b>	<b>279</b>	<b>125</b>	<b>50</b>	<b>25</b>	<b>17</b>	<b>10</b>	<b>8,029</b>	<b>15</b>	<b>1,022</b>	<b>12</b>	<b>330</b>	<b>692</b>		
Trysil		<i>Pentaclethra macroloba</i>	2,566	5	2								2,574	18	7	74		7
Kauta		<i>Licania spp.</i>	1,762	20	5								1,787	20	25	37	17	7
Kakaralli others		<i>Eschweilera spp.</i>	1,661	45	25	2	5						1,738	21	77	27	40	37
Kakaralli black		<i>Eschweilera subglandulosa</i>	1,362	117	37	25	2	5					1,550	19	187	21	82	105
Watapa		<i>Eperua rubiginosa</i>	396	21	9	5							431	72	35	50	2	32
Marishiballi		<i>Licania spp.</i>	359	5									364	40	5	100		5
Sarebebeballi		<i>Vouacapoua macropetala</i>	287	35	17	2				2			345	68	57	71	5	52
Korokororo		<i>Ormosia coutinhoi</i>	200	47	32	10	15						305	34	105	24	32	72
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	262	12	7		2						285	47	22	70	12	10

Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	237	12	7	5					262	28	25	40	10	15
Maho	<i>Sterculia spp.</i>	225	15			5				245	33	20	37	12	7
Kakaralli wina	<i>Lecythis corrugata</i>	198	17	20	4					239	67	41	72	32	9
Cedar white	<i>Tabebuia insignis v. monophylla</i>	187	20	2						210	49	22	58	7	15
Wadara	<i>Couratari spp.</i>	162	10	10	2	2	5	5		197	52	35	35	27	7
Burada	<i>Parinari campestris</i>	125	2	12	5	2	2	2		152	44	27	29	20	7
Asepoko	<i>Pouteria guianensis</i>	125	2			2				130	36	5	70		5
Duka	<i>Tapirira marchandii</i>	112	12	2						127	31	15	38		15
Inyek	<i>Antonia ovata</i>	125								125	45				
Kokoritiballi	<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	112	5	7						125	32	12	42	2	10
Futui	<i>Jacaranda copaia</i>	112	7	2						122	43	10	48	2	7
Kakaralli guava skin	<i>Eschweilera alata</i>	100	2							102	47	2	100	2	
Hairariballi	<i>Alexa spp.</i>	87	2	5				5		100	90	12	82		12
Asepokoballi	<i>Pouteria jenmanii</i>	87	2	2						92	39	5	70		5
Kamahora	<i>Pouteria spp.</i>	87	2							90	56	2	100	2	
Kakaralli fine leaf	<i>Eschweilera grata</i>	68	5							73	49	5	70		5
Hachiballi	<i>Pera spp.</i>	50					4			54	56	4	100		4
Dukuria	<i>Sacoglottis guianensis</i>	37		7						45	62	7	56	2	5
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>	37	5	2						45	51	7	74		7
Huruasa	<i>Abarema jupunba</i>	12	7	10		2				32	50	20	37	5	15
Koraroballi	<i>Hymenolobium spp.</i>	25	2							27	91	2	100	2	
Haiawa	<i>Protium spp.</i>	25								25	70				
Kauta fine leaf	<i>Licania spp.</i>	25								25	100				
Maho smooth leaf	<i>Sterculia pruriens</i>	25								25	70				
Barakaro	<i>Ormosia spp.</i>	12	5		2	2				22	80	10	70	2	7
Haudan	<i>Lecythis spp.</i>	12	2	2	5					22	58	10	48	5	5
Iteballi	<i>Vochysia spp.</i>	12	7	2						22	65	10	78	2	7
Wadara broad leaf	<i>Couratari spp.</i>	18								18	100				
Bat seed	<i>Andira spp.</i>	12					2			15	85	2	100		2
Buruma	<i>Pourouma spp.</i>	12		2						15	85	2	100	2	
Cow wood	<i>Bagassa guianensis</i>	12	2							15	100	2	100	2	
Fukadi	<i>Buchenavia spp.</i>	12		2						15	85	2	100		2
Asepokoballi fine leaf	<i>Pouteria caimito</i>	12								12	100				
Fukadi swamp	<i>Terminalia spp.</i>	12								12	100				
Darina	<i>Hymenolobium flavum</i>					2	2		2	7	74	7	74	2	5
Uya	<i>Parkia ulei</i>					2	2			5	70	5	70	2	2
Haiawaballi	<i>Protium tenuifolium</i>			2						2	100	2	100		2
Sawari	<i>Caryocar nuciferum</i>								2	2	100	2	100	2	
Suradan	<i>Hieronyma alchorneoides</i>			2						2	100	2	100	2	
Wadara fine leaf	<i>Couratari multiflora</i>		2							2	100	2	100	2	
<b>Sub-total (3)</b>		<b>11,379</b>	<b>464</b>	<b>243</b>	<b>69</b>	<b>47</b>	<b>24</b>	<b>15</b>	<b>5</b>	<b>12,245</b>	<b>7</b>	<b>866</b>	<b>11</b>	<b>350</b>	<b>517</b>
Unknown		2,621	30	27	5	7	7			2,699	21	77	28	20	57
Taparaballi	<i>Myrciaria spp.</i>	1,782								1,782	23				
Manicole	<i>Euterpe oleracea</i>	1,098								1,098	32				
Waiaballi	<i>Tapura guianensis</i>	1,080								1,080	20				
Kautaballi	<i>Licania spp.</i>	925	40	12						977	16	52	27	30	22
Kaditiri	<i>Sclerolobium guianensis</i>	693	2							695	47	2	100		2
Kuyama	<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	662	25							687	25	25	55	22	2
Warakosa	<i>Inga spp.</i>	598	7	5	2		2			616	17	17	45		17
Maburia		504			2					506	54	2	100		2
Turu	<i>Jessenia bataua</i>	362								362	42				



Species		Diameter class (cm)										Quality (40cm+)			
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Moraballi	<i>Pouteria minutiflora</i>	300	22	10						332	60	32	39	5	27
Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	300		5						305	28	5	70		5
Shiballidan	<i>Hebepetalum humiriifolium</i>	300	2							302	45	2	100		2
Iron Mary	<i>Clathrotropis paradoxa</i>	300								300	61		-		
Arara fine leaf	<i>Guatteria schomburgkiana</i>	287	4							291	38	4	100		4
Table tree	<i>Cordia exaltata</i>	268								268	34		-		
Silverballi Gingergale	<i>Aniba</i> spp.	250	7	5						262	65	12	51	2	10
Maddabori	<i>Clusia</i> spp.	237	2							240	84	2	100	2	
Arara smooth skin	<i>Guatteria atra</i>	237								237	36		-		
Iminimiaballi	<i>Chamaecrista adaintifolia</i>	225							2	227	47	2	100		2
Awasokule	<i>Tovomita</i> spp.	212								212	33		-		
Taparau	<i>Myrciaria vismeifolia</i>	162								162	92		-		
Silverballi	<i>Ocotea</i> spp.	155				2			2	160	48	5	70	5	
Yarri yarri	<i>Duguetia</i> spp.	143								143	36		-		
Aruadan	<i>Sloania/Couepia</i> spp.	125		2						127	40	2	100		2
Corkwood	<i>Pterocarpus officinalis</i>	125								125	53		-		
Barabara	<i>Diospyros</i> spp.	112	2	2						117	50	5	70	2	2
Kakarua	<i>Pradosia schomburgkii</i>	112	2							115	71	2	100		2
Asashi	<i>Rheedia</i> spp.	112								112	44		-		
Kulishiri	<i>Matayba</i> spp.; <i>Vouarana guianensis</i>	112								112	46		-		
Manariballi	<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	87	7	5	10				2	112	42	25	37	7	17
Buruburuli	<i>Licania</i> spp.	100	7						2	110	61	10	60	10	
Adebero	<i>Paypayrola longifolia</i>	100								100	41		-		
Duru	<i>Apeiba</i> spp.	87	10	2						100	52	12	51	5	7
Serebedan	<i>Swartzia</i> spp.	87								87	57		-		
Greenheart gale	<i>Aniba excelsa</i>	75								75	45		-		
Kulishiri white		75								75	45		-		
Wild Guava	<i>Calycolpus goetheanus</i>	75								75	51		-		
Ruri red skin		75								75	70		-		
Waruwai		75								75	100		-		
Maho rough leaf	<i>Xylosterculia rugosa</i>	55	7	2						65	43	10	48	10	
Komaramara	<i>Duroia eriopila</i>	62							2	65	56	2	100		2
Silverballi sawari skin	<i>Ocotea canaliculata</i>	62	2							65	63	2	100	2	
Akarako	<i>Marierea schomburgkiana</i>	62								62	65		-		
Kamakuti	<i>Bombax</i> spp.	62								62	65		-		
Kudibiushi	<i>Micropholis venulosa</i>	62								62	51		-		
Manobodin	<i>Emmotum</i> spp.	62								62	51		-		
Congo pump	<i>Cecropia</i> spp.	50	4							54	56	4	100		4
Arara broad leaf		50								50	60		-		
Arrow Palm		50								50	100		-		
Kumaramara		50								50	48		-		
Maburilli	<i>Maburea trinervis</i>	50								50	60		-		
Shirada	<i>Inga laterifolia</i>	50								50	60		-		
Warakaio	<i>Laetia pocera</i>	37		5	2					45	48	7	74	7	
Maniquiniballi	<i>Geissospermum</i> spp.	37	5							42	100	5	100		5
Antswood	<i>Cordia nodosa</i>	37								37	74		-		
Buradiye	<i>Nectandra grandis</i>	37								37	74		-		
Silverballi Almond Gale	<i>Aniba citrifolia</i>	37								37	74		-		
Ite Palm	<i>Mauritia flexuosa</i>	37								37	100		-		
Kwako	<i>Marierea montana</i>	37								37	100		-		
Apoukito	<i>Chamaecrista apoucouita</i>	25	2	5						32	92	7	74		7



Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Parakusan		<i>Swartzia jenmanii</i>	12	7	5		5						30	49	17	50	5	12
Kakotaro		<i>Ilex martiniana</i>	25	2	2								30	59	5	70	2	2
Awati		<i>Maprounea guianensis</i>	25										25	70		-		
Banyaballi		<i>Eugenia spp.</i>	25										25	100		-		
Johnbacai			12	7	2	2							25	64	12	82	2	10
Karampai		<i>Annona haematantha</i>	25										25	100		-		
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>	25										25	70		-		
Komaramaraballi		<i>Amaioua guianensis</i>	25										25	70		-		
Konoko		<i>Licania cuprea; Pouteria engleri</i>	25										25	70		-		
Kulishiri hairy black		<i>Cupania spp.</i>	25										25	70		-		
Laukididan			25										25	100		-		
Lu Palm		<i>Oenocarpus bacaba</i>	25										25	70		-		
Mabwa		<i>Himatanthus spp.</i>	25										25	70		-		
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	25										25	70		-		
Rokoroko		<i>Macoubea guianensis</i>	25										25	70		-		
Silverballi boradia			25										25	100		-		
Waraia		<i>Miconia punctata</i>	25										25	70		-		
Yaridan			25										25	100		-		
Baburia			18										18	100		-		
Aiomorakushi		<i>Pouteria cladantha</i>	12		2								15	85	2	100	2	
Barataballi		<i>Ecclinusa sanguinolenta</i>	12	2									15	85	2	100		2
Kaiarima		<i>Maytenus spp.</i>	12		2								15	85	2	100		2
Koraro			12		2								15	85	2	100	2	
Almond		<i>Prunus dulcis</i>	12										12	100		-		
Baririkuti		<i>Mabea piriri</i>	12										12	100		-		
Birdhead			12										12	100		-		
Curry tree		<i>Pogonophora schomburgkiana</i>	12										12	100		-		
Hakiaballi		<i>Vitex spp.</i>	12										12	100		-		
Hikuribianda			12										12	100		-		
Hishirudan		<i>Dulacia guianensis; Platymiscium trinitatis</i>	12										12	100		-		
Ishuradan			12										12	100		-		
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>	12										12	100		-		
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	12										12	100		-		
Karababalli		<i>Guarea guidonia</i>	12										12	100		-		
Karapai			12										12	100		-		
Kokorite		<i>Attalea regia</i>	12										12	100		-		
Koyechi			12										12	100		-		
Kurahya			12										12	100		-		
Lapani			12										12	100		-		
Maho black		<i>Rollinia exsucca</i>	12										12	100		-		
Pasture tree		<i>Trymatococcus paraensis</i>	12										12	100		-		
Sandpaper tree		<i>Curatella americana</i>	12										12	100		-		
Wakau		<i>Sapium jenmanii</i>	12										12	100		-		
Wild Cherry		<i>Eugenia patrisii</i>	12										12	100		-		
Yawaredan		<i>Sclerobium spp.</i>	12										12	100		-		
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>			5	2							7	56	7	56	2	5
Corkwood hill		<i>Pterocarpus rohrii</i>		6									6	71	6	71	4	2
Himoradan					5								5	70	5	70	2	2
Bokotokon		<i>Hirtella spp.</i>		2									2	100	2	100	2	
Huruasaballi				2									2	100	2	100		2

Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Kanoaballi	<i>Byrsonima stipulacea</i>		2							2	100	2	100	2	
Karamatakan				2						2	100	2	100		2
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>							2		2	100	2	100		2
Matamba	<i>Cedrela spp.</i>							2		2	100	2	100	2	
<b>Sub-total (4)</b>		<b>17,041</b>	<b>228</b>	<b>120</b>	<b>30</b>	<b>15</b>	<b>22</b>		<b>2</b>	<b>17,459</b>	<b>7</b>	<b>418</b>	<b>10</b>	<b>164</b>	<b>255</b>
<b>TOTAL</b>		<b>43,929</b>	<b>2,187</b>	<b>1,454</b>	<b>770</b>	<b>455</b>	<b>275</b>	<b>187</b>	<b>149</b>	<b>49,406</b>	<b>4</b>	<b>5,478</b>	<b>4</b>	<b>2,071</b>	<b>3,406</b>

**Appendix IV**

**Nkm - MMC**

**Appendix IV**

**Nkm - WF**

Stand table of Stocking (N/km2) for WF (5726 ha, 10 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	600	180	90	70	30	20	10		1,000	35	400	30	210	190
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	750								750	86				
Bulletwood		<i>Manilkara bidentata</i>	50	10	10					10	80	100	30	100	10	20
Cedar red		<i>Cedrela odorata</i>	50								50	100				
Letterwood		<i>Brosimum guianensis</i>	50								50	100				
Purpleheart		<i>Peltogyne spp.</i>	50								50	100				
<b>Sub-total (0)</b>			<b>1,550</b>	<b>190</b>	<b>100</b>	<b>70</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>1,980</b>	<b>47</b>	<b>430</b>	<b>30</b>	<b>220</b>	<b>210</b>
Wamara		<i>Swartzia leiocalycina</i>	850	40	40						930	41	80	45	50	30
Ulu		<i>Tratinnickia spp.</i>	500			20					520	49	20	67	20	
Silverballi yellow		<i>Aniba hypoglaucina</i>	350							10	360	54	10	100		10
Itikiboroballi		<i>Swartzia spp.</i>	300	10	10						320	27	20	67	10	10
Yarula		<i>Aspidosperma spp.</i>	150	60	60	10	20				300	39	150	42	90	60
Shibadan		<i>Aspidosperma spp.</i>	250		10						260	42	10	100	10	
Wamaradan		<i>Dicorynia guianensis</i>	200	10	20	20					250	87	50	45	20	30
Aromata		<i>Clathrotropis spp.</i>	150			10					160	51	10	100	10	
Crabwood		<i>Carapa spp.</i>	100	30							130	61	30	51	30	
Suya		<i>Pouteria speciosa</i>	100		10	10	10				130	100	30	100	20	10
Tauroniro		<i>Humiria balsamifera</i>	50		10		10				70	71	20	67	20	
Mora		<i>Mora excelsa</i>	50	10							60	83	10	100		10
Morabukea		<i>Mora gonggrijpii</i>	50								50	100				
Simarupa		<i>Quassia simarouba</i>		10		10			10		30	71	30	71	30	
Dalli		<i>Virola surinamensis &amp; sebifera</i>		20							20	100	20	100	10	10
Tatabu		<i>Diptotropis purpurea</i>			10	10					20	100	20	100	10	10
Dalli hill		<i>Virola longata</i>			10						10	100	10	100	10	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>		10							10	100	10	100		10
<b>Sub-total (1)</b>			<b>3,100</b>	<b>200</b>	<b>180</b>	<b>90</b>	<b>40</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,630</b>	<b>21</b>	<b>530</b>	<b>33</b>	<b>340</b>	<b>190</b>
Wallaba soft		<i>Eperua falcata</i>	4,150	530	250	180	10	30		10	5,160	17	1,010	25	450	560
Baromalli		<i>Catostemma spp.</i>	3,500	50	10						3,560	33	60	37	40	20
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	3,300	90	10	10					3,410	35	110	34	80	30
Silverballi wabima		<i>Licaria cayennensis</i>	1,000								1,000	63				
Silverballi kereti		<i>Ocotea spp.</i>	400		10						410	56	10	100		10
Baromalli common		<i>Catostemma commune</i>	300								300	100				
Kurokai		<i>Protium decandrum</i>	200		10						210	63	10	100		10
Maporokon		<i>Inga alba</i>	100			10					110	90	10	100	10	
Pakuri		<i>Platonia insignis</i>	100								100	67				
Manni		<i>Symphonia globulifera</i>	50	10	20						80	64	30	71	20	10
Dukalli		<i>Parahancornia fasciculata</i>			10		10				20	67	20	67	20	
Karohoro		<i>Schefflera spp.</i>			10						10	100	10	100	10	
Monkey pot		<i>Lecythis zabucajo</i>			10						10	100	10	100		10
<b>Sub-total (2)</b>			<b>13,100</b>	<b>680</b>	<b>340</b>	<b>200</b>	<b>20</b>	<b>30</b>	<b>10</b>	<b>10</b>	<b>14,380</b>	<b>10</b>	<b>1,280</b>	<b>23</b>	<b>630</b>	<b>650</b>
Dakama		<i>Dimorphandra conjugata</i>	5,350	210	160	70	40			30	5,860	84	510	87	30	480
Kauta		<i>Licania spp.</i>	2,150	10							2,160	38	10	100	10	
Marishiballi		<i>Licania spp.</i>	1,700								1,700	28				
Barakaro		<i>Ormosia spp.</i>	650								650	53				
Kakaralli wina		<i>Lecythis corrugata</i>	600	40	10						650	67	50	80	40	10
Limonaballi		<i>Chrysophyllum pomiferum</i>	450	10	10						470	100	20	100		20
Asepoko		<i>Pouteria guianensis</i>	400	10	10						420	83	20	100		20
Kakaralli others		<i>Eschweilera spp.</i>	400		10						410	85	10	100		10
Cedar white		<i>Tabebuia insignis v. monophylla</i>	300	50	10						360	62	60	51	20	40
Kakaralli black		<i>Eschweilera subglandulosa</i>	350		10						360	61	10	100	10	



Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
	Kakaralli wirimiri	<i>Lecythis confertiflora</i>	250	10									260	69	10	100	10	
	Korokororo	<i>Ormosia coutinhoi</i>	50	40	30	10							140	57	90	42	20	70
	Inyek	<i>Antonia ovata</i>	100	10	10								120	83	20	100	10	10
	Cow wood	<i>Bagassa guianensis</i>	50			10							60	100	10	100		10
	Duka	<i>Tapirira marchandii</i>	50	10									60	83	10	100		10
	Koraroballi	<i>Hymenolobium spp.</i>	50						10				60	83	10	100	10	
	Burada	<i>Parinari campestris</i>	50										50	100		-		
	Dukaliballi	<i>Brosimum rubescens</i>	50										50	100		-		
	Futui	<i>Jacaranda copaia</i>	50										50	100		-		
	Kakaralli fine leaf	<i>Eschweilera grata</i>	50										50	100		-		
	Huruasa	<i>Abarema jupunba</i>		10	10	20							40	55	40	55		40
	Haiawa	<i>Protium spp.</i>				10							10	100	10	100		10
	Wadara	<i>Couratari spp.</i>				10							10	100	10	100		10
	Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>		10									10	100	10	100		10
	<b>Sub-total (3)</b>		<b>13,100</b>	<b>420</b>	<b>270</b>	<b>130</b>	<b>40</b>	<b>10</b>	<b>10</b>	<b>30</b>	<b>14,010</b>	<b>32</b>	<b>910</b>	<b>50</b>	<b>160</b>	<b>750</b>		
	Kamakuti	<i>Bombax spp.</i>	3,450										3,450	47		-		
	Kakarua	<i>Pradosia schomburgkii</i>	2,850	140	20								3,010	37	160	58	20	140
	Moraballi	<i>Pouteria minutiflora</i>	2,000	210	60	10							2,280	28	280	30	100	180
	Unknown		2,100		10		10						2,120	43	20	67	10	10
	Mora sand	<i>Dicymbe corymbosa; Talisia squarrosa</i>	1,700	160	100	20	10	10					2,000	80	300	59	120	180
	Konoko	<i>Licania cuprea; Pouteria engleri</i>	1,700										1,700	64		-		
	Kautaballi	<i>Licania spp.</i>	1,300	50	10								1,360	42	60	57	60	
	Waiaballi	<i>Tapura guianensis</i>	1,250										1,250	29		-		
	Maddabori	<i>Clusia spp.</i>	950										950	36		-		
	Manobodin	<i>Emmotum spp.</i>	900		10								910	99	10	100		10
	Awasokule	<i>Tovomita spp.</i>	900										900	57		-		
	Unikiakia	<i>Licania spp.</i>	800										800	100		-		
	Arara smooth skin	<i>Guatteria atra</i>	500										500	47		-		
	Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>	500										500	60		-		
	Yekoro	<i>Endlicheria punctulata; Licaria vernicosa; Ocotea spp.</i>	500										500	70		-		
	Buruburuli	<i>Licania spp.</i>	400	30									430	50	30	100		30
	Imirimiaballi	<i>Chamaecrista adaintifolia</i>	400	10	10								420	70	20	100		20
	Manariballi	<i>Elizabetha princeps; Pithecellobium spp.</i>	350			10							360	58	10	100		10
	Ite Palm	<i>Mauritia flexuosa</i>	350										350	100		-		
	Kuyama	<i>Licania heteromorpha; Xylophia nitida; X. spp.</i>	350										350	57		-		
	Asashi	<i>Rheedia spp.</i>	150	10									160	47	10	100		10
	Silverballi	<i>Ocotea spp.</i>	150	10									160	66	10	100		10
	Bartaballi	<i>Ecclinusa guianensis</i>	150										150	71		-		
	Hikuribianda		150										150	51		-		
	Kaditiri	<i>Sclerolobium guianensis</i>	150										150	71		-		
	Imirimia		150										150	100		-		
	Wakarua		150										150	100		-		
	Parakusan	<i>Swartzia jenmanii</i>	100	20	10								130	67	30	71	10	20
	Silverballi Gingergale	<i>Aniba spp.</i>	100	10									110	67	10	100		10
	Yakoro		100			10							110	90	10	100		10
	Barata		100										100	100		-		
	Hicha	<i>Byrsonima spicata</i>	100										100	100		-		
	Komaramara	<i>Duroia eriopila</i>	100										100	67		-		
	Okokonshi	<i>Lacunaria spp.; Quiina spp.</i>	100										100	67		-		
	Rokoroko	<i>Macoubea guianensis</i>	100										100	100		-		
	Silverballi Almond Gale	<i>Aniba citrifolia</i>	50		20		20						90	67	40	100	10	30
	Congo pump	<i>Cecropia spp.</i>	50			10							60	83	10	100		10

Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Adebero	<i>Paypayrola longifolia</i>	50								50	100		-		
Arara fine leaf	<i>Gutteria schomburgkiana</i>	50								50	100		-		
Arara	<i>Bocageopsis multiflora; Gutteria spp.; Unonopsis glaucopetala</i>	50								50	100		-		
Barabara	<i>Diospyros spp.</i>	50								50	100		-		
Barataballi	<i>Ecclinusa sanguinolenta</i>	50								50	100		-		
Bokotokon	<i>Hirtella spp.</i>	50								50	100		-		
Halchiballi	<i>Ipomoea phillomega</i>	50								50	100		-		
Hurihi	<i>Humiriastrum obovata</i>	50								50	100		-		
Kaiarima	<i>Maytenus spp.</i>	50								50	100		-		
Karababalli	<i>Guarea guidonia</i>	50								50	100		-		
Kudibiushi	<i>Micropholis venulosa</i>	50								50	100		-		
Kulishiri hairy black	<i>Cupania spp.</i>	50								50	100		-		
Kumaramara		50								50	100		-		
Lu Palm	<i>Oenocarpus bacaba</i>	50								50	100		-		
Maburia		50								50	100		-		
Mahikaballi		50								50	100		-		
Maho rough leaf	<i>Xylosterculia rugosa</i>	50								50	100		-		
Manicole	<i>Euterpe oleracea</i>	50								50	100		-		
Shiballidan	<i>Hebepetalum humiriifolium</i>	50								50	100		-		
Shirada	<i>Inga laterifolia</i>	50								50	100		-		
Table tree	<i>Cordia exaltata</i>	50								50	100		-		
Warunana	<i>Hortia regia</i>	50								50	100		-		
Wild Cherry	<i>Eugenia patrisii</i>	50								50	100		-		
Blackheart	<i>Acosmium praeclara</i>		10	10						20	100	20	100	20	
Warakosa	<i>Inga spp.</i>		10	10						20	67	20	67	10	10
Koyechiballi	<i>Lueheopsis rugosa</i>		10							10	100	10	100	10	
Ruri	<i>Chaetocarpus spp.</i>		10							10	100	10	100		10
Silverballi sawari skin	<i>Ocotea canaliculata</i>			10						10	100	10	100		10
<b>Sub-total (4)</b>		<b>26,600</b>	<b>690</b>	<b>280</b>	<b>60</b>	<b>40</b>	<b>10</b>			<b>27,680</b>	<b>14</b>	<b>1,080</b>	<b>17</b>	<b>370</b>	<b>710</b>
<b>TOTAL</b>		<b>57,450</b>	<b>2,180</b>	<b>1,170</b>	<b>550</b>	<b>170</b>	<b>80</b>	<b>20</b>	<b>60</b>	<b>61,680</b>	<b>7</b>	<b>4,230</b>	<b>11</b>	<b>1,720</b>	<b>2,510</b>



Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)						
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE% 40+	SE%	Perfect	Defect				
Kakaralli black	<i>Eschweilera subglandulosa</i>	19.57	1.45	.76	.17	.01	.01						21.96	11	2.40	14	1.09	1.30
Sarebebeballi	<i>Vouacoupa macropetala</i>	15.29	1.67	1.12	.35	.14	.05	.01					18.64	24	3.35	25	.05	3.30
Kautia	<i>Licania spp.</i>	10.45	.18	.04	.01								10.68	15	.23	31	.07	.16
Trysil	<i>Pentaclethra macroloba</i>	10.66	.01										10.68	23	.01	100	.01	.01
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	9.05	.64	.19	.05	.01							9.94	14	.89	19	.60	.29
Kakaralli others	<i>Eschweilera spp.</i>	6.76	.31	.16	.15	.04							7.43	27	.68	32	.36	.31
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	5.74	.51	.20	.08								6.54	20	.80	21	.49	.31
Marishiballi	<i>Licania spp.</i>	4.53	.18	.04	.01								4.77	35	.24	44	.16	.08
Korokororo	<i>Ormosia coultinholi</i>	1.96	.26	.15	.07	.03	.01						2.48	25	.52	26	.19	.33
Kakaralli wina	<i>Lecythis corrugata</i>	2.09	.12	.09	.03	.01							2.35	22	.26	32	.14	.12
Asepoko	<i>Pouteria guianensis</i>	2.23	.01	.03	.03								2.31	25	.08	46	.03	.05
Kakaralli fine leaf	<i>Eschweilera grata</i>	2.16	.04										2.20	47	.04	74	.04	.04
Burada	<i>Parinari campestris</i>	1.76	.12	.12	.05	.04	.01						2.12	47	.36	35	.28	.08
Duka	<i>Tapirira marchandii</i>	1.42	.15	.03									1.59	37	.18	30	.05	.12
Watapa	<i>Eperua rubiginosa</i>	1.35	.08	.04	.03								1.50	64	.15	91	.04	.11
Cedar white	<i>Tabebuia insignis v. monophylla</i>	1.28	.07	.09	.03	.01		.01					1.50	37	.22	38	.07	.15
Buruma	<i>Pourouma spp.</i>	1.35	.09	.01									1.46	25	.11	38	.05	.05
Fuluji	<i>Jacaranda copaia</i>	1.28	.07	.03	.04	.01							1.43	27	.15	42	.07	.08
Maho	<i>Sterculia spp.</i>	1.35	.01	.05									1.42	26	.07	52	.05	.01
Kokoriballi	<i>Ichthyophora elegans; Oxylethece spp.; Planchonella elegans; Pouteria spp.</i>	1.22	.05	.04	.01	.01							1.34	24	.12	31	.04	.08
Maho smooth leaf	<i>Sterculia pruriens</i>	.88	.08	.03									.99	28	.11	38	.01	.09
Wadara	<i>Couratari spp.</i>	.81	.04	.04	.04	.04							.97	30	.16	29	.09	.07
Barakaro	<i>Ormosia spp.</i>	.61	.09		.01								.71	36	.10	56	.01	.09
Huruasa	<i>Abarema jupunba</i>	.50	.05	.07	.03			.01					.68	47	.18	34	.10	.08
Haudan	<i>Lecythis spp.</i>	.47	.03	.04									.56	36	.08	40	.08	.08
Inyek	<i>Antonia ovata</i>	.47			.01	.03							.51	52	.04	74	.01	.03
Asepokoballi fine leaf	<i>Pouteria calmito</i>	.47											.47	51		-		.03
Asepokoballi	<i>Pouteria jennanii</i>	.41	.03										.43	43	.03	70		.03
Haiawa	<i>Protium spp.</i>	.41											.41	46		-		
Kamahora	<i>Pouteria spp.</i>	.34	.03		.01								.38	39	.04	74	.01	.03
Suradan	<i>Hieronyma atichorneoides</i>	.27	.05	.04	.01								.38	43	.11	42	.04	.07
Sawari	<i>Caryocar nuciferum</i>	.14	.01	.05	.04	.04		.03					.36	41	.23	30	.07	.16
Fukadi	<i>Buchenavia spp.</i>	.20	.01	.01	.03								.26	61	.05	49	.01	.04
Bat seed	<i>Andira spp.</i>	.20		.01				.01					.23	54	.03	70	.03	.03
Dukuria	<i>Sacoglottis guianensis</i>	.20	.03										.23	51	.03	70	.01	.01
Limonaballi	<i>Chrysophyllum pomiferum</i>	.20	.03										.23	51	.03	70	.01	.01
Cow wood	<i>Bagassa guianensis</i>	.14	.01	.03	.01								.19	72	.05	49	.03	.03
Hachiballi	<i>Pera spp.</i>	.14		.03									.16	61	.03	100	.01	.01
Haiawaballi	<i>Protium tenuifolium</i>	.14		.01									.15	91	.01	100		.01
Kauta fine leaf	<i>Licania spp.</i>	.14											.14	70		-		
Manariballi black	<i>Parkia nitida</i>	.14											.14	100		-		
Wadara fine leaf	<i>Couratari multiflora</i>	.14											.14	70		-		
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>	.14											.14	70		-		
Fukadi hill	<i>Terminalia amazonia</i>	.07	.01	.01									.09	74	.03	70		.03
Dukaliballi	<i>Brosimum rubescens</i>	.07	.01		.01								.09	74	.03	70	.01	.01
Kakaralli guava skin	<i>Eschweilera alata</i>	.07											.07	100		-		
Uya	<i>Parkia ulei</i>		.01	.03		.03							.05	49	.05	49	.04	.01
Hipanai	<i>Parkia pendula</i>		.01		.01	.01							.04	57	.04	57	.01	.03
Dakama	<i>Dimorphandra conjugata</i>							.01					.01	100	.01	100	.01	.01
Darina	<i>Hymenobium flavum</i>						.01						.01	100	.01	100	.01	.01
Iteballi	<i>Vochysia spp.</i>				.01								.01	100	.01	100	.01	.01



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Koraroballi		<i>Hymenolobium spp.</i>			.01								.01	100	.01	100		.01
Wadara broad leaf		<i>Couratari spp.</i>				.01							.01	100	.01	100		.01
<b>Sub-total (3)</b>			<b>109.23</b>	<b>6.55</b>	<b>3.62</b>	<b>1.37</b>	<b>.42</b>	<b>.16</b>	<b>.11</b>	<b>.14</b>	<b>121.60</b>	<b>4</b>	<b>12.36</b>	<b>8</b>	<b>4.46</b>	<b>7.91</b>		
Maburia			22.67	.01									22.68	17	.01	100		.01
Kautaballi		<i>Licania spp.</i>	15.09	.95	.28	.04	.03						16.39	12	1.30	13	.64	.66
Unknown			15.14	.30	.14	.14	.04					.01	15.76	16	.62	20	.11	.51
Waiaballi		<i>Tapura guianensis</i>	12.13	.01									12.14	12	.01	100		.01
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	9.26	.03		.03							9.31	16	.05	49	.03	.03
Manicole		<i>Euterpe oleracea</i>	4.59										4.59	39		-		
Warakosa		<i>Inga spp.</i>	4.36	.11	.05	.03	.01						4.56	17	.20	30	.01	.19
Shiballidan		<i>Hebepetalum humiriifolium</i>	4.53	.01									4.54	29	.01	100		.01
Taparaballi		<i>Myrciaria spp.</i>	3.83										3.83	32		-		
Table tree		<i>Cordia exaltata</i>	3.60	.01									3.61	16	.01	100		.01
Arara smooth skin		<i>Guatteria atra</i>	3.53	.01									3.54	31	.01	100		.01
Moraballi		<i>Pouteria minutiflora</i>	2.77	.23	.15	.03	.03				.01		3.22	20	.45	26	.15	.30
Apoukito		<i>Chamaecrista apoucouita</i>	2.96	.14	.09	.01			.01				3.21	28	.26	38		.26
Arara fine leaf		<i>Guatteria schomburgkiana</i>	2.97										2.97	31		-		
Awasukule		<i>Tovomita spp.</i>	2.91	.01									2.92	24	.01	100		.01
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	2.77	.01									2.78	26	.01	100		.01
Aruadan		<i>Sloania/Couepia spp.</i>	2.50	.08	.01	.03							2.62	23	.12	35	.04	.08
Maddabori		<i>Clusia spp.</i>	2.36										2.36	69		-		
Turu		<i>Jessenia bataua</i>	1.89										1.89	38		-		
Buruburuli		<i>Licania spp.</i>	1.28	.05	.04		.01						1.39	24	.11	42	.04	.07
Adebero		<i>Paypayrola longifolia</i>	1.37										1.37	29		-		
Asashi		<i>Rheedia spp.</i>	1.28	.01									1.30	27	.01	100		.01
Congo pump		<i>Cecropia spp.</i>	.95	.26	.04	.01							1.26	31	.31	41	.24	.07
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	1.03	.08	.03	.04	.03	.03					1.23	30	.20	33	.07	.14
Kamakuti		<i>Bombax spp.</i>	1.22			.01							1.23	49	.01	100		.01
Silverballi sawari skin		<i>Ocotea canaliculata</i>	.95	.03	.08	.03	.04			.03	.01		1.16	23	.22	38	.09	.12
Barabara		<i>Diospyros spp.</i>	.95	.09	.03	.01							1.08	33	.14	36	.08	.05
Hikuribianda			1.08										1.08	37		-		
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	.95	.05		.01							1.01	37	.07	52		.07
Manobodin		<i>Emmotum spp.</i>	.95	.03		.01		.01					1.00	54	.05	61	.03	.03
Arara broad leaf			.95	.03									.97	30	.03	100		.03
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	.88	.04	.04								.96	49	.08	57	.03	.05
Silverballi Gingergale		<i>Aniba spp.</i>	.88	.01			.01						.91	35	.03	100	.01	.01
Aiomorakushi		<i>Pouteria cladantha</i>	.88	.01									.89	35	.01	100		.01
Kudibiushi		<i>Micropholis venulosa</i>	.88										.88	30		-		
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	.88										.88	51		-		
Ruri		<i>Chaetocarpus spp.</i>	.81	.05	.01								.88	34	.07	59	.01	.05
Silverballi		<i>Ocotea spp.</i>	.83	.03	.01								.87	36	.04	57		.04
Kokorite		<i>Attalea regia</i>	.81										.81	92		-		
Yarri yarri		<i>Duguetia spp.</i>	.74	.01									.76	42	.01	100		.01
Kaditiri		<i>Sclerobium guianensis</i>	.61	.05	.01			.01					.69	32	.08	39		.08
Komaramara		<i>Duroia eriopila</i>	.68								.01		.69	35	.01	100		.01
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	.68										.68	30		-		
Wakaradan		<i>Miconia spp.</i>	.68										.68	41		-		
Duru		<i>Apeiba spp.</i>	.56	.04	.01	.01							.62	49	.07	52	.01	.05
Kakarua		<i>Pradosia schomburgkii</i>	.54	.07	.01								.62	71	.08	52	.03	.05
Ruri red skin			.54	.05	.03								.62	37	.08	46	.05	.03
Warakaioero		<i>Laetia pocera</i>	.54	.07		.01							.62	46	.08	46	.04	.04

Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Lu Palm	<i>Oenocarpus bacaba</i>	.61								.61	35		-		
Maburilli	<i>Maburea trinervis</i>	.61								.61	59		-		
Maho rough leaf	<i>Xylosterculia rugosa</i>	.54	.04	.01						.59	36	.05	49	.04	.01
Konoko	<i>Licania cuprea; Pouteria engleri</i>	.47	.05	.01		.01				.55	39	.08	39	.04	.04
Silverballi Almond Gale	<i>Aniba citrifolia</i>	.54	.01							.55	37	.01	100		.01
Arrow Palm		.54								.54	100		-		
Yawaredan	<i>Sclerolobium spp.</i>	.54								.54	42		-		
Bloodwood	<i>Vismia spp.</i>	.47								.47	51		-		
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>	.47								.47	42		-		
Kumaramara		.47								.47	62		-		
Serebedan	<i>Swartzia spp.</i>	.47								.47	62		-		
Taparau	<i>Myrciaria vismeifolia</i>	.47								.47	71		-		
Imirimia		.41	.05							.46	83	.05	79		.05
Greenheart gale	<i>Aniba excelsa</i>	.41	.01	.01		.01				.45	36	.04	74		.04
Tureli	<i>Inga gracilifolia; Zygia racemosa</i>	.41	.01	.01						.43	43	.03	70	.01	.01
Kakotaro	<i>Ilex martiniana</i>	.41								.41	57		-		
Silverballi pear leaf	<i>Ocotea acutangula</i>	.41								.41	52		-		
Awati	<i>Maprounea guianensis</i>	.41								.41	70		-		
Kulishiri white		.34	.03							.36	40	.03	70	.01	.01
Akarako	<i>Marlierea schomburgkiana</i>	.34								.34	82		-		
Iron Mary	<i>Clathrotropis paradoxa</i>	.34								.34	52		-		
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>	.34								.34	82		-		
Parakusan	<i>Swartzia jenmanii</i>	.14	.07		.05	.01		.03	.04	.34	39	.20	35		.20
Unikiakia	<i>Licania spp.</i>	.27	.01							.28	47	.01	100		.01
Kakirio	<i>Calycolpus goetheanus; C. revolutus; Myrcia rufipila; Myrciaria floribunda; Plinia pinnata</i>	.27								.27	79		-		
Mababalli	<i>Aparisthium cordatum; Conceveiba guianensis</i>	.27								.27	49		-		
Sweetheart	<i>Talisia spp.</i>	.27								.27	61		-		
Kanakudiballi	<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	.20	.01	.04						.26	59	.05	49	.03	.03
Kaiarima	<i>Maytenus spp.</i>	.20	.01		.03					.24	84	.04	74		.04
Karampai	<i>Annona haematantha</i>	.24								.24	77		-		
Baririkuti	<i>Mabea piriri</i>	.22								.22	57		-		
Hakiaballi	<i>Vitex spp.</i>	.14	.03	.01	.01	.01		.01		.22	64	.08	46	.04	.04
Bokotokon	<i>Hirtella spp.</i>	.20								.20	74		-		
Mamudan	<i>Guapira spp.; Neea spp.</i>	.20								.20	57		-		
Silverballi boradia		.20								.20	74		-		
Wild Guava	<i>Calycolpus goetheanus</i>	.20								.20	57		-		
Banyaballi	<i>Eugenia spp.</i>	.14								.14	100		-		
Bauwaua	<i>Astronium ulei</i>	.14								.14	70		-		
Curry tree	<i>Pogonophona schomburgkiana</i>	.14								.14	70		-		
Fern Tree	<i>Touroulia guianensis</i>	.14								.14	100		-		
Hatti	<i>Hevea spp.</i>	.14								.14	100		-		
Hurehi		.14								.14	100		-		
Ibibanaro		.14								.14	70		-		
Ite Palm	<i>Mauritia flexuosa</i>	.14								.14	100		-		
Kawakaia		.14								.14	70		-		
Komaramaraballi	<i>Amaioua guianensis</i>	.14								.14	70		-		
Kufiballi	<i>Guarea pubescens</i>	.14								.14	100		-		
Quaku		.14								.14	70		-		
Warai	<i>Miconia punctata</i>	.14								.14	70		-		



Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)					
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Wild Cherry	<i>Eugenia patrisii</i>	.14											.14	70	-		
Yaki	<i>Guettarda acreana</i>	.14											100				
Charcoal		.07	.04	.01									.12	61	.05	.61	.03
Aimoradan		.07	.03	.01									.11	68	.04	.74	.03
Devidoeer tree	<i>Strychnos spp.</i>	.07			.03								.11	66	.04	.57	.04
Matamba	<i>Cedrela spp.</i>	.07	.03	.01									.11	68	.04	.74	.03
Hurithi	<i>Humirastrum obovata</i>	.07	.03										.09	74	.03	.70	.01
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>	.07	.01		.01								.09	74	.03	.70	.01
Himoradan		.07											.08	85	.01	100	.01
Kanoaballi	<i>Byrsonima stipulacea</i>	.07	.01										.08	85	.01	100	.01
Muneridan	<i>Siparuna spp.</i>	.07	.01										.08	85	.01	100	.01
Barataballi	<i>Ecclinusa sanguinolenta</i>	.07											.07	100			
Bartaballi	<i>Ecclinusa guianensis</i>	.07											.07	100			
Boba	<i>Irianea exorrhiza</i>	.07											.07	100			
Bukabukatokon		.07											.07	100			
Carambi		.07											.07	100			
Cocane tree	<i>Erythroxylum spp.</i>	.07											.07	100			
Corkwood	<i>Pterocarpus officinalis</i>	.07											.07	100			
Ishirodan		.07											.07	100			
Karababalli	<i>Guarea guidonia</i>	.07											.07	100			
Kurithikoyoko		.07											.07	100			
Mabwa	<i>Himatanthus spp.</i>	.07											.07	100			
Maho black	<i>Rollinia exsucca</i>	.07											.07	100			
Manaka		.07											.07	100			
Merechiballi		.07											.07	100			
Rokoroko	<i>Macoubea guianensis</i>	.07											.07	100			
Shirada	<i>Inga laterifolia</i>	.07											.07	100			
Takarwa		.07											.07	100			
Wakau	<i>Sapium jenmanii</i>	.07											.07	100			
Warunana	<i>Hortia regia</i>	.07											.07	100			
Halchiballi	<i>Ipomoea phillomega</i>	.03	.01										.04	74	.04	.74	.01
Corkwood hill	<i>Pterocarpus rohrii</i>	.03											.03	100	.03	100	.03
Bakupur	<i>Pouteria spp.</i>	.01											.01	100	.01	100	.01
Blackheart	<i>Acosmium praeciara</i>	.01											.01	100	.01	100	.01
Johnbacai		.01											.01	100	.01	100	.01
Koraro		.01											.01	100	.01	100	.01
Koyechiballi	<i>Lueheopsis rugosa</i>	.01											.01	100	.01	100	.01
Monkey mollases	<i>Cassia spp.</i>	.01											.01	100	.01	100	.01
Warishi		.01											.01	100	.01	100	.01
Yakoro		.01											.01	100	.01	100	.01
Sub-total (4)		162.54	3.59	1.27	.59	.27	.09	.08	.12	168.57	4	6.03	6	2.18	3.85		
TOTAL		415.98	25.52	15.41	7.85	3.95	2.00	1.10	1.15	472.96	2	56.98	3	23.72	33.26		

**Appendix IV**

**N - MGB**

Stand table of Stocking (N/ha) for MGB (15288 ha, 26 transects)

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)			
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodiei</i>	10.55	2.11	1.89	1.32	.84	.15	.12	.12	17.10	22	6.55	16	3.34	3.21
Bulletwood	<i>Manilkara bidentata</i>	1.15	.04	.08	.08	.08	.04	.04	.08	1.35	49	.19	50	.15	.04
Purpleheart	<i>Pelogyne spp.</i>	.19	.04	.04	.04	.04	.04	.04	.08	.19	50	.19	50	.15	.04
Silverballi brown	<i>Cordia alliodora; Licaria canella</i>									.19	100				
Letterwood	<i>Brosimum guianensis</i>									.04	100	.04	100	.04	.04
<b>Sub-total (0)</b>		<b>11.90</b>	<b>2.19</b>	<b>2.04</b>	<b>1.32</b>	<b>.92</b>	<b>.19</b>	<b>.12</b>	<b>.19</b>	<b>18.87</b>	<b>20</b>	<b>6.98</b>	<b>15</b>	<b>3.69</b>	<b>3.28</b>
Wamara	<i>Swartzia leucalycina</i>	22.28	2.61	1.03	.25	.04	.04	.04	.04	26.21	15	3.93	17	1.48	2.45
Crabwood	<i>Carapa spp.</i>	14.32	1.16	.38	.19	.08	.08	.08	.08	16.13	30	1.81	33	1.01	.81
Wamaradan	<i>Dicorynia guianensis</i>	5.30	.74	.82	.93	.44	.23	.04	.23	8.49	16	3.19	15	1.23	1.96
Mora	<i>Mora excelsa</i>	2.49	.42	.79	.55	.49	.29	.27	.49	5.79	35	3.30	38	.68	2.62
Aromata	<i>Claibrotrops spp.</i>	4.62	.27	.21	.21	.21	.21	.21	.21	5.09	33	.48	44	.23	.25
Kabukalli	<i>Ampelocera edentula; Goupia glabra</i>	2.97	.38	.15	.04	.15	.04	.04	.04	3.77	33	.81	21	.38	.42
Yarula	<i>Aspidosperma spp.</i>	2.31	.35	.38	.15	.23	.04	.08	.08	3.54	25	1.23	32	.54	.69
Itikboroballi	<i>Swartzia spp.</i>	2.88	.12							3.00	37	.12	55	.08	.04
Suya	<i>Pouteria speciosa</i>	.96	.27	.42	.15	.15	.15	.15	.15	1.96	38	1.00	35	.69	.31
Dalli hill	<i>Viola longata</i>	1.73	.08	.04	.04	.04	.04	.04	.04	1.88	53	.15	47	.15	.15
Shibadan	<i>Aspidosperma spp.</i>	1.35	.08	.08	.08	.04	.04	.04	.04	1.54	43	.19	50	.12	.08
Morabukea	<i>Mora gonggijipii</i>	.77	.31	.15	.12	.04	.04	.04	.04	1.42	56	.65	59	.08	.58
Dalli	<i>Viola surinamensis &amp; sebifera</i>	.77	.04	.04	.04	.04	.04	.04	.04	.81	66	.04	100	.04	.04
Ulu	<i>Tratinickia spp.</i>	.38	.04	.04	.04	.04	.04	.04	.04	.46	58	.08	69	.08	.08
Miamballi	<i>Moronobea coccinea</i>	.38	.04	.04	.04	.04	.04	.04	.04	.38	69				
Locust	<i>Hymenaea spp.</i>	.19	.04	.04	.04	.04	.04	.04	.04	.27	73	.08	69	.08	.08
Dalli swamp	<i>Viola spp.</i>	.19	.04	.04	.04	.04	.04	.04	.04	.23	84	.04	100		.04
Silverballi yellow	<i>Aniba hypoglauca</i>	.19	.04	.04	.04	.04	.04	.04	.04	.19	100				
Simarupa	<i>Quassia simarouba</i>	.04	.04	.04	.04	.04	.04	.04	.04	.12	55	.12	55	.12	.12
Tatabu	<i>Diplotrops purpurea</i>	.04	.04	.04	.04	.04	.04	.04	.04	.08	69	.08	69	.08	.08
Tauroniro	<i>Humiria balsamifera</i>	.04	.04	.04	.04	.04	.04	.04	.04	.08	100	.08	100	.04	.04
<b>Sub-total (1)</b>		<b>64.08</b>	<b>7.00</b>	<b>4.54</b>	<b>2.53</b>	<b>1.63</b>	<b>.63</b>	<b>.46</b>	<b>.57</b>	<b>81.45</b>	<b>9</b>	<b>17.36</b>	<b>11</b>	<b>7.08</b>	<b>10.28</b>
Wallaba soft	<i>Eperua falcata</i>	15.42	1.84	1.61	.48	.38	.12	.08	.08	19.93	21	4.50	20	1.20	3.30
Baromalli	<i>Catostemma spp.</i>	12.32	.49	.29	.04	.04	.04	.04	.04	13.14	26	.82	32	.59	.23
Baromalli sand	<i>Catostemma alisonii; C. fragrans</i>	8.10	.35	.27	.04	.05	.05	.05	.05	8.81	32	.71	30	.40	.31
Silverballi kereti	<i>Ocotea spp.</i>	5.09	.35	.12	.04	.04	.04	.04	.04	5.59	26	.50	32	.15	.35
Kurokai	<i>Protium decandrum</i>	3.87	.42	.26	.26	.26	.26	.26	.26	4.55	24	.69	28	.35	.34
Monkey pot	<i>Lecythis zabucajo</i>	2.71	.19	.15	.15	.15	.15	.15	.15	3.21	23	.50	25	.23	.27
Maporokon	<i>Inga alba</i>	.58	.23	.12	.04	.04	.04	.04	.04	.96	40	.38	46	.15	.23
Manni	<i>Symphonia globulifera</i>	.77	.04	.08	.04	.04	.04	.04	.04	.88	43	.12	55	.08	.04
Karohoro	<i>Schefflera spp.</i>	.19	.04	.04	.04	.04	.04	.04	.04	.81	45	.04	100	.04	.04
Ubudi	<i>Anacardium giganteum</i>	.19	.04	.04	.04	.04	.04	.04	.04	.27	73	.08	69	.08	.08
Dukalli	<i>Parahancornia fasciculata</i>	.19	.04	.04	.04	.04	.04	.04	.04	.19	100				
Kirikaua	<i>Iryanthera spp.</i>	.19	.04	.04	.04	.04	.04	.04	.04	.19	100				
<b>Sub-total (2)</b>		<b>50.20</b>	<b>3.72</b>	<b>3.00</b>	<b>.90</b>	<b>.47</b>	<b>.12</b>	<b>.12</b>	<b>.12</b>	<b>58.53</b>	<b>9</b>	<b>8.33</b>	<b>12</b>	<b>3.19</b>	<b>5.14</b>
Kakaralli black	<i>Eschweilera subglandulosa</i>	23.30	2.07	1.00	.12	.09	.09	.09	.09	26.58	17	3.28	18	1.74	1.54
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	18.52	1.20	.46	.36	.13	.13	.13	.13	20.67	21	2.15	30	1.69	.46
Kautu	<i>Lecythis spp.</i>	11.41	.27	.15	.15	.15	.15	.15	.15	11.68	21	.27	39	.23	.04
Kakaralli others	<i>Eschweilera spp.</i>	7.38	.29	.15	.15	.15	.15	.15	.15	7.86	35	.47	31	.17	.30
Trysil	<i>Pentaclethra macroloba</i>	7.20								7.20	38				
Kakaralli fine leaf	<i>Eschweilera grata</i>	5.63	.20	.12	.12	.12	.12	.12	.12	5.95	81	.32	57	.13	.19
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	3.85	.32	.08	.04	.04	.04	.04	.04	4.29	42	.44	50	.15	.29
Kakaralli wina	<i>Lecythis corrugata</i>	2.97	.27	.08	.08	.08	.08	.08	.08	3.31	47	.35	58	.23	.12
Cedar white	<i>Tabebuia insignis v. monophylla</i>	2.99	.15	.04	.08	.08	.08	.08	.08	3.26	34	.27	64	.27	.27



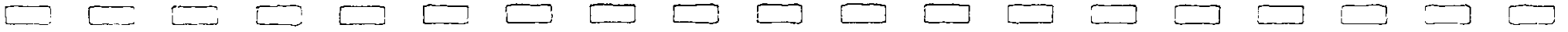
Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
Maho		<i>Sterculia</i> spp.	2.99	.04	.04	.04								3.10	26	.12	55	.04	.08
Duka		<i>Tapirira marchandii</i>	2.74	.15										2.89	31	.15	47		.15
Futui		<i>Jacaranda copaia</i>	2.56	.08										2.64	35	.08	69	.04	.04
Asepoko		<i>Pouteria guianensis</i>	2.50	.08										2.58	31	.08	69		.08
Buruma		<i>Pourouma</i> spp.	2.35	.08										2.43	29	.08	100	.08	
Sarebebeballi		<i>Vouacapoua macropetala</i>	1.92	.12	.15	.15	.04							2.38	58	.46	64	.04	.42
Watapa		<i>Eperua rubiginosa</i>	1.92	.05	.11									2.09	100	.16	100	.11	.05
Asepokoballi		<i>Pouteria jenmanii</i>	1.73	.04										1.77	47	.04	100	.04	
Wallaba ituri		<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.	.96	.08	.19									1.23	100	.27	100		.27
Huruasa		<i>Abarema jupunba</i>	.77	.04	.15	.08	.04	.04	.08					1.19	64	.42	30	.15	.27
Korokororo		<i>Ormosia coutinhoi</i>	.77	.15	.08	.08								1.08	55	.31	50	.15	.15
Kokoritiballi		<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	.77	.21		.04								1.02	43	.25	43	.21	.04
Inyek		<i>Antonia ovata</i>	.98											.98	50		-		
Marishiballi		<i>Licania</i> spp.	.77	.12	.04									.92	54	.15	47	.15	
Hairariballi		<i>Alexa</i> spp.	.58	.12	.12									.81	95	.23	84		.23
Wadara		<i>Couratari</i> spp.	.58	.04	.08	.04	.04							.77	42	.19	50	.08	.12
Maho smooth leaf		<i>Sterculia pruriens</i>	.58											.58	55		-		
Kakaralli guava skin		<i>Eschweilera alata</i>	.55											.55	100		-		
Burada		<i>Parinari campestris</i>	.47						.04		.04			.54	65	.08	69	.04	.04
Fukadi		<i>Buchenavia</i> spp.	.38								.04			.42	63	.04	100	.04	
Barakaro		<i>Ormosia</i> spp.	.19	.05	.08		.04	.04						.40	51	.21	42	.09	.12
Haiawaballi		<i>Protium tenuifolium</i>	.38											.38	69		-		
Haiawa		<i>Protium</i> spp.	.38											.38	69		-		
Cow wood		<i>Bagassa guianensis</i>	.19	.04	.08									.31	64	.12	55	.12	
Dukuria		<i>Sacoglottis guianensis</i>	.19				.04							.23	100	.04	100	.04	
Iteballi		<i>Vochysia</i> spp.	.19				.04							.23	84	.04	100	.04	
Koraroballi		<i>Hymenolobium</i> spp.	.21											.21	100		-		
Hachiballi		<i>Pera</i> spp.	.19											.19	100		-		
Kauta fine leaf		<i>Licania</i> spp.	.19											.19	100		-		
Sawari		<i>Caryocar nuciferum</i>		.04	.04						.04			.12	73	.12	73	.04	.08
Suradan		<i>Hieronyma alchorneoides</i>				.04	.04							.08	69	.08	69		.08
Asepokoballi fine leaf		<i>Pouteria caimito</i>		.04										.04	100	.04	100	.04	
Darina		<i>Hymenolobium flavum</i>			.04									.04	100	.04	100		.04
Devil's ear		<i>Enterolobium cyclocarpum</i>				.04								.04	100	.04	100	.04	
Hipanai		<i>Parkia pendula</i>			.04									.04	100	.04	100	.04	
Kamahora		<i>Pouteria</i> spp.		.04										.04	100	.04	100	.04	
Tonka bean		<i>Dipteryx odorata</i>							.04					.04	100	.04	100		.04
Wadara broad leaf		<i>Couratari</i> spp.					.04							.04	100	.04	100	.04	
Wadara fine leaf		<i>Couratari multiflora</i>		.04										.04	100	.04	100	.04	
<b>Sub-total (3)</b>			<b>112.24</b>	<b>6.41</b>	<b>3.14</b>	<b>1.09</b>	<b>.44</b>	<b>.25</b>	<b>.12</b>	<b>.12</b>	<b>.12</b>	<b>123.81</b>	<b>7</b>	<b>11.57</b>	<b>10</b>	<b>6.07</b>	<b>5.49</b>		
Unknown			22.65	.50	.39	.12	.08							23.73	27	1.08	25	.38	.70
Maburia			18.19											18.19	26		-		
Kautaballi		<i>Licania</i> spp.	17.21	.74	.19	.04								18.17	17	.96	25	.53	.43
Waiaballi		<i>Tapura guianensis</i>	16.42											16.42	22		-		
Kuyama		<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	13.27	.19										13.46	19	.19	41	.12	.08
Shiballidan		<i>Hebepetalum humiriifolium</i>	7.20											7.20	33		-		
Warakosa		<i>Inga</i> spp.	6.22	.19	.15									6.56	24	.35	36	.08	.27
Aruadan		<i>Sloania/Couepia</i> spp.	5.47	.19	.04									5.70	28	.23	55	.04	.19
Moraballi		<i>Pouteria minutiflora</i>	4.64	.34	.23	.12	.04							5.36	29	.73	27	.32	.40
Arara		<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	5.08											5.08	45		-		

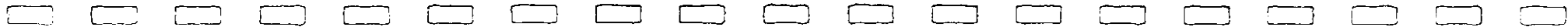
Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Table tree		<i>Cordia exaltata</i>	3.78										3.78	36	-		
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	3.08										3.08	57	-		
Awasukule		<i>Tovomita spp.</i>	3.01										3.01	47	-		
Arara fine leaf		<i>Guatteria schomburgkiana</i>	2.97										2.97	37	-		
Congo pump		<i>Cecropia spp.</i>	2.35										2.35	45	-		
Maburilli		<i>Maburea trinervis</i>	2.01										2.01	78	-		
Turu		<i>Jessenia bataua</i>	1.92										1.92	46	-		
Kudibushi		<i>Micropholis venulosa</i>	1.77		.04								1.81	38	.04	100	.04
Ruri red skin			1.54	.17	.08								1.79	41	.25	43	.12
Manicole		<i>Euterpe oleracea</i>	1.75										1.75	57	-		
Apoukito		<i>Chamaecrista apoucouita</i>	1.40	.04	.16								1.60	67	.20	83	.05
Silverballi sawari skin		<i>Ocotea canaliculata</i>	.96	.19	.12	.12	.08				.08		1.54	38	.58	34	.12
Manobodin		<i>Emmotum spp.</i>	1.37										1.37	60	-		
Barabara		<i>Diospyros spp.</i>	1.35										1.35	33	-		
Buruburuli		<i>Licania spp.</i>	1.35										1.35	49	-		
Itara			1.35										1.35	76	-		
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	1.35										1.35	39	-		
Taparauballi		<i>Myrciaria spp.</i>	1.35										1.35	60	-		
Wakaradan		<i>Miconia spp.</i>	1.35										1.35	100	-		
Aiomorakushi		<i>Pouteria cladantha</i>	1.15	.04	.08								1.27	46	.12	55	.08
Kaditiri		<i>Sclerolobium guianensis</i>	.98	.12	.04	.08	.04						1.25	36	.27	39	.15
Greenheart gale		<i>Aniba excelsa</i>	1.20										1.20	50	-		
Asashi		<i>Rhedia spp.</i>	1.20										1.20	45	-		
Arara smooth skin		<i>Guatteria atra</i>	1.15										1.15	44	-		
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	.77	.19	.12	.04							1.12	100	.35	100	.04
Manariballi		<i>Elizabeta princeps; Pithecellobium spp.</i>	.77	.08	.04	.15	.04						1.08	41	.31	43	.08
Adebero		<i>Paypayrola longifolia</i>	1.04										1.04	42	-		
Wild Cherry		<i>Eugenia patrisii</i>	.96										.96	65	-		
Yarri yarri		<i>Duguetaia spp.</i>	.93										.93	70	-		
Kamakuti		<i>Bombax spp.</i>	.81	.04									.85	66	.04	100	.04
Banyaballi		<i>Eugenia spp.</i>	.77										.77	59	-		
Komaramara		<i>Duroia eriopila</i>	.77										.77	78	-		
Kulishiri white			.77										.77	47	-		
Silverballi Gingergale		<i>Aniba spp.</i>	.77										.77	47	-		
Kumaramara			.62										.62	74	-		
Kanoaballi		<i>Byrsonima stipulacea</i>	.58	.04									.62	69	.04	100	.04
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>	.58										.58	73	-		
Kokorite		<i>Attalea regia</i>	.58										.58	73	-		
Lu Palm		<i>Oenocarpus bacaba</i>	.58										.58	55	-		
Maddabori		<i>Clusia spp.</i>	.58										.58	73	-		
Silverballi Almond Gale		<i>Aniba citrifolia</i>	.58										.58	73	-		
Yawaredan		<i>Sclerolobium spp.</i>	.58										.58	55	-		
Kakarua		<i>Pradosia schomburgkii</i>	.58										.58	100	-		
Duru		<i>Apeiba spp.</i>	.38		.04		.04						.46	58	.08	69	.08
Karababalli		<i>Guarea guidonia</i>	.43										.43	100	-		
Hicha		<i>Byrsonima spicata</i>	.38	.04									.42	91	.04	100	.04
Maho rough leaf		<i>Xylocarpus rugosa</i>	.38			.04							.42	63	.04	100	.04
Ruri		<i>Chaetocarpus spp.</i>	.38		.04								.42	63	.04	100	.04
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	.38										.38	69	-		
Quaku			.38										.38	100	-		
Silverballi pear leaf		<i>Ocotea acutangula</i>	.38										.38	69	-		
Silverballi shirua			.38										.38	100	-		

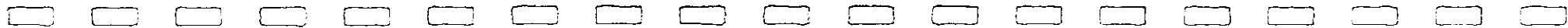


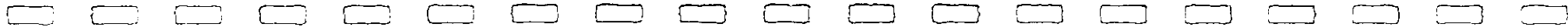
Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Wild Guava		<i>Calycolpus goetheanus</i>	.38										.38	69	-			
Corkwood hill		<i>Pterocarpus rohrii</i>	.19	.08	.04								.31	64	.12	55	.12	
Arikadako		<i>Byrsonima spp.</i>	.21	.04									.26	100	.04	100	.04	
Iron Mary		<i>Clathrotropis paradoxa</i>	.19	.04									.23	100	.04	100	.04	
Konoko		<i>Licania cuprea; Pouteria engleri</i>	.19	.04									.23	100	.04	100	.04	
Silverballi		<i>Ocotea spp.</i>	.19		.04								.23	84	.04	100	.04	
Warakaioero		<i>Laetia pocera</i>	.19		.04								.23	84	.04	100	.04	
Kakotaro		<i>Ilex martiniana</i>	.21										.21	100	-			
Kwako		<i>Marlierea montana</i>	.21										.21	100	-			
Arara broad leaf			.19										.19	100	-			
Bakupur		<i>Pouteria spp.</i>	.19										.19	100	-			
Buradiye		<i>Nectandra grandis</i>	.19										.19	100	-			
Fern Tree		<i>Touroulia guianensis</i>	.19										.19	100	-			
Hikuribianda			.19										.19	100	-			
Hishirudan		<i>Dulacia guianensis; Platymiscium trinitatis</i>	.19										.19	100	-			
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>	.19										.19	100	-			
Mamudan		<i>Guapira spp.; Neea spp.</i>	.19										.19	100	-			
Monkey mollasses		<i>Cassia spp.</i>	.19										.19	100	-			
Rokoroko		<i>Macoubea guianensis</i>	.19										.19	100	-			
Serebedan		<i>Swartzia spp.</i>	.19										.19	100	-			
Shirada		<i>Inga laterifolia</i>	.19										.19	100	-			
Tureli		<i>Inga gracilifolia; Zygia racemosa</i>	.19										.19	100	-			
Vitya sand			.19										.19	100	-			
Waraia		<i>Miconia punctata</i>	.19										.19	100	-			
Warua		<i>Cassia spp.</i>	.19										.19	100	-			
Yaridan			.19										.19	100	-			
Devildoer tree		<i>Strychnos spp.</i>			.04			.04					.08	69	.08	69	.04	.04
Korowaroballi					.04				.04				.08	100	.08	100	.04	.04
Aimoradan						.04							.04	100	.04	100		.04
Jack-in-the-box		<i>Hernandia guianensis</i>						.04					.04	100	.04	100		.04
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>			.04								.04	100	.04	100		.04
Kereti High Bush				.04									.04	100	.04	100		.04
Kumakaballi		<i>Coussapoa hypochloro; Ficus mathewsii</i>				.04							.04	100	.04	100		.04
Unikiakia		<i>Licania spp.</i>		.04									.04	100	.04	100		.04
<b>Sub-total (4)</b>			<b>180.57</b>	<b>3.37</b>	<b>1.97</b>	<b>.77</b>	<b>.35</b>	<b>.04</b>	<b>.04</b>	<b>.08</b>	<b>187.18</b>	<b>6</b>	<b>6.61</b>	<b>11</b>	<b>2.37</b>	<b>4.23</b>		
<b>TOTAL</b>			<b>418.99</b>	<b>22.69</b>	<b>14.70</b>	<b>6.62</b>	<b>3.81</b>	<b>1.23</b>	<b>.85</b>	<b>.96</b>	<b>469.83</b>	<b>2</b>	<b>50.84</b>	<b>4</b>	<b>22.41</b>	<b>28.43</b>		

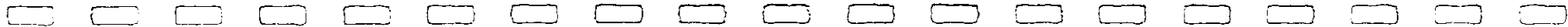












**Appendix IV**

**N - MMC**

**Appendix IV**

**N - WF**



Stand table of Stocking (N/ha) for WF (5726 ha, 10 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Greenheart		<i>Chlorocardium rodiei</i>	6.00	1.80	.90	.70	.30	.20	.10				10.00	35	4.00	30	2.10	1.90
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	7.50										7.50	86				
Bulletwood		<i>Manilkara bidentata</i>	.50	.10	.10							.10	.80	100	.30	100	.10	.20
Cedar red		<i>Cedrela odorata</i>	.50										.50	100				
Letterwood		<i>Brosimum guianensis</i>	.50										.50	100				
Purpleheart		<i>Peltogyne spp.</i>	.50										.50	100				
<b>Sub-total (0)</b>			<b>15.50</b>	<b>1.90</b>	<b>1.00</b>	<b>.70</b>	<b>.30</b>	<b>.20</b>	<b>.10</b>	<b>.10</b>	<b>.10</b>	<b>19.80</b>	<b>47</b>	<b>4.30</b>	<b>30</b>	<b>2.20</b>	<b>2.10</b>	
Wamara		<i>Swartzia leiocalycina</i>	8.50	.40	.40								9.30	41	.80	45	.50	.30
Ulu		<i>Trattinickia spp.</i>	5.00			.20							5.20	49	.20	67	.20	
Silverballi yellow		<i>Aniba hypoglauca</i>	3.50								.10		3.60	54	.10	100		.10
Itikiboroballi		<i>Swartzia spp.</i>	3.00	.10	.10								3.20	27	.20	67	.10	.10
Yarula		<i>Aspidosperma spp.</i>	1.50	.60	.60	.10	.20						3.00	39	1.50	42	.90	.60
Shibadan		<i>Aspidosperma spp.</i>	2.50		.10								2.60	42	.10	100	.10	
Wamaradan		<i>Dicorynia guianensis</i>	2.00	.10	.20	.20							2.50	87	.50	45	.20	.30
Aromata		<i>Clathrotropis spp.</i>	1.50			.10							1.60	51	.10	100	.10	
Crabwood		<i>Carapa spp.</i>	1.00	.30									1.30	61	.30	51	.30	
Suya		<i>Pouteria speciosa</i>	1.00		.10	.10	.10						1.30	100	.30	100	.20	.10
Tauroniro		<i>Humiria balsamifera</i>	.50		.10		.10						.70	71	.20	67	.20	
Mora		<i>Mora excelsa</i>	.50	.10									.60	83	.10	100		.10
Morabukea		<i>Mora gonggripii</i>	.50										.50	100				
Simarupa		<i>Quassia simarouba</i>		.10		.10		.10					.30	71	.30	71	.30	
Dalli		<i>Virola surinamensis &amp; sebifera</i>		.20									.20	100	.20	100	.10	.10
Tatabu		<i>Diploptropis purpurea</i>			.10	.10							.20	100	.20	100	.10	.10
Dalli hill		<i>Virola longata</i>			.10								.10	100	.10	100	.10	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>		.10									.10	100	.10	100		.10
<b>Sub-total (1)</b>			<b>31.00</b>	<b>2.00</b>	<b>1.80</b>	<b>.90</b>	<b>.40</b>	<b>.10</b>	<b>.10</b>	<b>.10</b>	<b>.10</b>	<b>36.30</b>	<b>21</b>	<b>5.30</b>	<b>33</b>	<b>3.40</b>	<b>1.90</b>	
Wallaba soft		<i>Eperua falcata</i>	41.50	5.30	2.50	1.80	.10	.30		.10			51.60	17	10.10	25	4.50	5.60
Baromalli		<i>Catostemma spp.</i>	35.00	.50	.10								35.60	33	.60	37	.40	.20
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	33.00	.90	.10	.10							34.10	35	1.10	34	.80	.30
Silverballi wabima		<i>Licaria cayennensis</i>	10.00										10.00	63				
Silverballi kereti		<i>Ocotea spp.</i>	4.00		.10								4.10	56	.10	100		.10
Baromalli common		<i>Catostemma commune</i>	3.00										3.00	100				
Kurokai		<i>Protium decandrum</i>	2.00		.10								2.10	63	.10	100		.10
Maporokon		<i>Inga alba</i>	1.00			.10							1.10	90	.10	100		.10
Pakuri		<i>Platonia insignis</i>	1.00										1.00	67				
Manni		<i>Symphonia globulifera</i>	.50	.10	.20								.80	64	.30	71	.20	.10
Dukalli		<i>Parahancornia fasciculata</i>			.10		.10						.20	67	.20	67	.20	
Karohoro		<i>Schefflera spp.</i>			.10								.10	100	.10	100	.10	
Monkey pot		<i>Lecythis zabucajo</i>			.10								.10	100	.10	100		.10
<b>Sub-total (2)</b>			<b>131.00</b>	<b>6.80</b>	<b>3.40</b>	<b>2.00</b>	<b>.20</b>	<b>.30</b>	<b>.10</b>	<b>.10</b>	<b>.10</b>	<b>143.80</b>	<b>10</b>	<b>12.80</b>	<b>23</b>	<b>6.30</b>	<b>6.50</b>	
Dakama		<i>Dimorphandra conjugata</i>	53.50	2.10	1.60	.70	.40			.30			58.60	84	5.10	87	.30	4.80
Kauta		<i>Licania spp.</i>	21.50	.10									21.60	38	.10	100	.10	
Marishiballi		<i>Licania spp.</i>	17.00										17.00	28				
Barakaro		<i>Ormosia spp.</i>	6.50										6.50	53				
Kakaralli wina		<i>Lecythis corrugata</i>	6.00	.40	.10								6.50	67	.50	80	.40	.10
Limonaballi		<i>Chrysophyllum pomiferum</i>	4.50	.10	.10								4.70	100	.20	100		.20
Asepoko		<i>Pouteria guianensis</i>	4.00	.10	.10								4.20	83	.20	100		.20
Kakaralli others		<i>Eschweilera spp.</i>	4.00		.10								4.10	85	.10	100		.10
Cedar white		<i>Tabebuia insignis v. monophylla</i>	3.00	.50	.10								3.60	62	.60	51	.20	.40
Kakaralli black		<i>Eschweilera subglandulosa</i>	3.50		.10								3.60	61	.10	100	.10	

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)						
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	2.50	.10											2.60	69	.10	100	.10
Korokoro	<i>Ormosia coulinhol</i>	.50	.40	.30	.10			.10					1.40	57	.90	42	.20	.70
Inyek	<i>Antonia ovata</i>	1.00	.10	.10									1.20	83	.20	100	.10	.10
Cow wood	<i>Bagassa guianensis</i>	.50	.10		.10								.60	100	.10	100	.10	.10
Duka	<i>Tapirira marchandii</i>	.50	.10										.60	83	.10	100	.10	.10
Koroballi	<i>Hymenobium spp.</i>	.50						.10					.60	83	.10	100	.10	.10
Burada	<i>Parinari campestris</i>	.50											.50	100				
Dukaliballi	<i>Brosimum rubescens</i>	.50											.50	100				
Futui	<i>Jacaranda copaia</i>	.50											.50	100				
Kakaralli fine leaf	<i>Eschweilera grata</i>	.50	.10	.10	.20								.40	55	.40	55	.40	.40
Huruasa	<i>Abarema lupunba</i>				.10								.10	100	.10	100	.10	.10
Haawa	<i>Protium spp.</i>				.10								.10	100	.10	100	.10	.10
Wadara	<i>Couratari spp.</i>												.10	100	.10	100	.10	.10
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>	.10											.10	100	.10	100	.10	.10
<b>Sub-total (3)</b>		<b>131.00</b>	<b>4.20</b>	<b>2.70</b>	<b>1.30</b>	<b>.40</b>	<b>.10</b>	<b>.30</b>	<b>140.10</b>	<b>32</b>	<b>9.10</b>	<b>50</b>	<b>1.60</b>	<b>7.50</b>				
Kamakuti	<i>Bombax spp.</i>	34.50							34.50	47								
Kakarua	<i>Pradosia schomburgkii</i>	28.50	1.40	.20					30.10	37	1.60	58	.20					1.40
Moraballi	<i>Pouteria minutiflora</i>	20.00	2.10	.60	.10				22.80	28	2.80	30	1.00	1.80				
Unknown		21.00			.10			.10	21.20	43	.20	67	.10	.10				
Mora sand	<i>Dicymbe corymbosa; Talisia squarrosa</i>	17.00	1.60	1.00	.20	.10			20.00	80	3.00	59	1.20	1.80				
Konoko	<i>Licania cuprea; Pouteria engleri</i>	17.00							17.00	64								
Kautaballi	<i>Licania spp.</i>	13.00	.50	.10					13.60	42	.60	57	.60					
Waiballi	<i>Tapura guianensis</i>	12.50							12.50	29								
Maddaboni	<i>Clusia spp.</i>	9.50							9.50	36								
Manobodin	<i>Eimolium spp.</i>	9.00		.10					9.10	99	.10	100						.10
Awasokule	<i>Tovomita spp.</i>	9.00							9.00	57								
Unikiakia	<i>Licania spp.</i>	8.00							8.00	100								
Arara smooth skin	<i>Arara atra</i>	5.00							5.00	47								
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>	5.00							5.00	60								
Yekoro	<i>Endlicheria punctulata; Licania vermicosa; Ocotea spp.</i>	5.00							5.00	70								
Buruburui	<i>Licania spp.</i>	4.00	.30						4.30	50	.30	100						.30
Imiriaballi	<i>Chamaecrista adamantifolia</i>	4.00	.10	.10					4.20	70	.20	100						.20
Manariballi	<i>Elizabetha princeps; Pithecellobium spp.</i>	3.50			.10				3.60	58	.10	100						.10
Ite Palm	<i>Mauritia flexuosa</i>	3.50							3.50	100								
Kuyama	<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	3.50							3.50	57								
Asashi	<i>Rheedia spp.</i>	1.50	.10						1.60	47	.10	100						.10
Silverballi	<i>Ocotea spp.</i>	1.50	.10						1.60	66	.10	100						.10
Bartaballi	<i>Ecclinusa guianensis</i>	1.50							1.50	71								
Hikuriblanda		1.50							1.50	51								
Kaditiri	<i>Sclerolobium guianensis</i>	1.50							1.50	100								
Imirmia		1.50							1.50	100								
Wakarua		1.00	.20	.10					1.30	67	.30	71	.10	.20				.20
Parakusan	<i>Swartzia jennamii</i>	1.00	.10						1.10	67	.10	100		.10				.10
Silverballi Gingergale	<i>Aniba spp.</i>	1.00			.10				1.10	90	.10	100		.10				.10
Yakoro		1.00							1.00	100								
Barata		1.00							1.00	100								
Hicha	<i>Byrsonima spicata</i>	1.00							1.00	100								
Komararama	<i>Duroia eriopila</i>	1.00							1.00	67								
Okokonshi	<i>Lacunaria spp.; Quiina spp.</i>	1.00							1.00	67								
Rokoroko	<i>Macoubea guianensis</i>	1.00							1.00	100								
Silverballi Almond Gale	<i>Aniba citrifolia</i>	.50	.20	.20	.10	.20			.90	67	.40	100	.10	.30				.30
Congo pump	<i>Cecropia spp.</i>	.50							.60	83	.10	100		.10				.10



Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Adebero	<i>Paypayrola longifolia</i>	.50								.50	100				
Arara fine leaf	<i>Guatteria schomburgkiana</i>	.50								.50	100				
Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria spp.</i> ; <i>Unonopsis glaucopetala</i>	.50								.50	100				
Barabara	<i>Diospyros spp.</i>	.50								.50	100				
Barataballi	<i>Ecclinusa sanguinolenta</i>	.50								.50	100				
Bokotokon	<i>Hirtella spp.</i>	.50								.50	100				
Halchiballi	<i>Ipomoea phillomega</i>	.50								.50	100				
Hurihi	<i>Humiriastrum obovata</i>	.50								.50	100				
Kaiarima	<i>Maytenus spp.</i>	.50								.50	100				
Karababalli	<i>Guarea guidonia</i>	.50								.50	100				
Kudibiushi	<i>Micropholis venulosa</i>	.50								.50	100				
Kulishiri hairy black	<i>Cupania spp.</i>	.50								.50	100				
Kumaramara		.50								.50	100				
Lu Palm	<i>Oenocarpus bacaba</i>	.50								.50	100				
Maburia		.50								.50	100				
Mahikaballi		.50								.50	100				
Maho rough leaf	<i>Xylosterculia rugosa</i>	.50								.50	100				
Manicole	<i>Euterpe oleracea</i>	.50								.50	100				
Shiballidan	<i>Hebepetalum humiriifolium</i>	.50								.50	100				
Shirada	<i>Inga laterifolia</i>	.50								.50	100				
Table tree	<i>Cordia exaltata</i>	.50								.50	100				
Warunana	<i>Hortia regia</i>	.50								.50	100				
Wild Cherry	<i>Eugenia patrisii</i>	.50								.50	100				
Blackheart	<i>Acosmium praeclara</i>		.10	.10						.20	100	.20	100	.20	
Warakosa	<i>Inga spp.</i>		.10	.10						.20	67	.20	67	.10	.10
Koyechiballi	<i>Lueheopsis rugosa</i>		.10							.10	100	.10	100	.10	
Ruri	<i>Chaetocarpus spp.</i>		.10							.10	100	.10	100		.10
Silverballi sawari skin	<i>Ocotea canaliculata</i>			.10						.10	100	.10	100		.10
<b>Sub-total (4)</b>		<b>266.00</b>	<b>6.90</b>	<b>2.80</b>	<b>.60</b>	<b>.40</b>	<b>.10</b>			<b>276.80</b>	<b>14</b>	<b>10.80</b>	<b>17</b>	<b>3.70</b>	<b>7.10</b>
<b>TOTAL</b>		<b>574.50</b>	<b>21.80</b>	<b>11.70</b>	<b>5.50</b>	<b>1.70</b>	<b>.80</b>	<b>.20</b>	<b>.60</b>	<b>616.80</b>	<b>7</b>	<b>42.30</b>	<b>11</b>	<b>17.20</b>	<b>25.10</b>

**Appendix IV**

**NT -MGK**

Stand table of Total stocking for MGK (56373 ha, 74 transects)

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)			
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodlei</i>	548,177	131,029	116,301	73,577	39,042	18,283	9,903	3,809	940,121	9	391,945	10	205,114	186,831
Bullewood	<i>Manilkara bidentata</i>	38,090	8,380	6,856	2,285	762	2,285	762	2,285	61,706	27	23,616	21	15,998	7,618
Letterwood	<i>Brosimum guianensis</i>	38,090	762	762	762	762	762	762	762	39,613	33	1,524	70	1,524	1,524
Purpleheart	<i>Peltogyne spp.</i>	15,236	3,047	762	762	2,285	1,524	762	3,238	27,615	31	12,379	26	6,856	5,523
Purpleheart saka	<i>Peltogyne venosa</i>	11,427	1,524	762	762	762	762	762	762	13,712	62	2,285	57	1,524	762
Silverballi brown	<i>Cordia alliodora; Licaria canella</i>	7,618	762	762	762	762	762	762	762	10,665	52	3,047	49	762	2,285
Cedar red	<i>Cedrela odorata</i>	3,809	762	762	762	762	762	762	762	3,809	100	-	-	-	-
<b>Sub-total (0)</b>		<b>662,446</b>	<b>145,500</b>	<b>126,204</b>	<b>77,386</b>	<b>42,851</b>	<b>22,092</b>	<b>11,427</b>	<b>9,332</b>	<b>1,097,242</b>	<b>8</b>	<b>434,796</b>	<b>9</b>	<b>231,777</b>	<b>203,019</b>
Wamara	<i>Swartzia leiocalycina</i>	1,013,190	124,363	49,517	13,712	3,047	2,285	762	762	1,206,877	10	193,687	9	83,036	110,651
Crabweed	<i>Carapa spp.</i>	819,884	70,085	36,566	14,474	3,047	762	762	762	945,581	14	125,697	14	67,038	58,658
Mora	<i>Mora excelsa</i>	545,002	80,687	72,815	45,708	46,343	25,330	15,998	27,425	859,307	12	314,305	12	81,703	232,602
Wamaradan	<i>Dicorynia guianensis</i>	333,604	46,216	51,294	37,582	25,139	15,998	10,094	5,333	525,259	16	191,656	9	98,272	93,384
Aromata	<i>Clathrotopis spp.</i>	449,460	33,519	12,379	6,094	762	762	762	762	501,453	12	51,993	14	20,569	31,424
Itikiboroballi	<i>Swartzia spp.</i>	204,098	8,380	2,285	762	762	762	762	762	214,763	16	10,665	28	3,809	6,856
Yarula	<i>Aspidosperma spp.</i>	133,315	12,951	12,189	5,333	6,856	2,285	1,524	1,524	174,452	25	41,137	17	23,616	17,521
Morabukea	<i>Pouteria speciosa</i>	102,843	21,330	19,045	7,618	4,571	2,285	762	762	157,692	27	54,849	31	43,422	11,427
Kabukalli	<i>Mora gonggrijipii</i>	91,416	20,569	19,045	10,665	6,856	2,285	1,524	1,524	153,883	37	62,467	36	22,092	40,375
Tauroniro	<i>Ampelocera edentula; Goupia glabra</i>	114,270	6,094	6,856	8,380	3,047	4,063	762	762	142,710	22	28,440	19	9,142	19,299
Shibadan	<i>Humiria balsamifera</i>	106,652	15,236	6,094	1,524	762	762	762	762	129,506	60	22,854	90	13,712	9,142
Ulu	<i>Aspidosperma spp.</i>	49,517	762	762	762	762	762	762	762	73,513	32	3,999	51	1,524	2,476
Dalili hill	<i>Trattinnickia spp.</i>	41,899	1,524	762	762	762	762	762	762	56,373	38	6,856	35	2,285	4,571
Dalili	<i>Virola longata</i>	38,090	2,285	762	762	762	762	762	762	44,184	43	2,285	57	2,285	2,285
Silverballi yellow	<i>Virola surinamensis &amp; sebifera</i>	34,281	2,285	1,524	762	762	762	762	762	41,137	31	3,047	49	1,524	1,524
Taibau	<i>Aniba hypoglauca</i>	19,045	762	762	762	762	762	762	762	40,375	34	6,094	34	3,047	3,047
Mamballi	<i>Diplorotis purpurea</i>	19,045	762	762	762	762	762	762	762	19,807	59	762	100	762	762
Locust	<i>Moronobea coccinea</i>	7,618	1,524	2,285	762	762	762	762	762	19,807	70	762	100	762	762
Hakia	<i>Hymenaea spp.</i>	7,618	2,285	2,285	762	3,047	762	762	762	10,665	72	3,047	49	2,285	762
Dalili swamp	<i>Quassia simarouba</i>	3,809	1,524	762	762	762	762	762	762	9,142	31	9,142	31	4,571	4,571
Washiba	<i>Tabebuia spp.</i>	3,809	1,524	762	762	762	762	762	762	7,618	100	-	-	-	-
Hububalli	<i>Virola spp.</i>	3,809	1,524	762	762	762	762	762	762	6,094	68	2,285	74	2,285	2,285
<b>Sub-total (1)</b>		<b>4,207,978</b>	<b>453,904</b>	<b>294,943</b>	<b>155,861</b>	<b>104,239</b>	<b>60,055</b>	<b>31,424</b>	<b>37,328</b>	<b>5,345,532</b>	<b>5</b>	<b>1,137,554</b>	<b>4</b>	<b>487,741</b>	<b>649,813</b>
Wallaba soft	<i>Eperua falcata</i>	1,153,805	172,674	114,841	70,847	31,234	12,189	6,094	3,809	1,565,493	11	411,688	10	142,456	269,232
Baromalli	<i>Catostemma spp.</i>	1,058,898	31,678	17,902	6,094	1,524	1,524	1,524	1,524	1,117,620	16	58,722	18	39,042	19,680
Baromalli sand	<i>Catostemma alisonii; C. fragrans</i>	435,494	20,822	11,427	5,333	762	762	762	762	473,838	18	38,344	20	23,108	15,236
Kurokai	<i>Protium decandrum</i>	217,112	12,189	5,333	762	762	762	762	762	234,634	18	17,521	25	8,380	9,142
Silverballi kereti	<i>Ocotea spp.</i>	186,640	12,379	3,809	4,571	762	762	762	762	207,399	22	20,759	20	4,571	16,188
Monkey pot	<i>Lecythis zabucajo</i>	49,517	5,587	5,333	4,063	762	762	1,524	1,524	66,784	24	17,267	34	4,825	12,443
Dukalli	<i>Parahancornia fasciculata</i>	38,090	2,285	3,047	2,285	1,524	1,524	1,524	1,524	47,231	51	9,142	31	5,333	3,809
Karohoro	<i>Schefflera spp.</i>	39,360	762	1,524	1,524	762	762	762	762	43,169	37	3,809	52	762	3,047
Manni	<i>Symphonia globulifera</i>	22,854	2,285	1,524	762	762	762	762	762	28,186	33	5,333	36	3,047	2,285
Maporokon	<i>Inga alba</i>	11,427	6,094	5,333	2,285	1,524	762	762	762	27,425	38	15,998	25	9,903	6,094
Silverballi wabima	<i>Licaria cayennensis</i>	15,236	762	762	762	762	762	762	762	15,236	49	-	-	-	-
Kirikaua	<i>Iryanthera spp.</i>	11,427	762	762	762	762	762	762	762	11,427	57	-	-	-	-
Ubudi	<i>Anacardium giganteum</i>	7,618	762	762	762	762	762	762	762	9,903	55	2,285	57	762	2,285
Pakuri	<i>Platonia insignis</i>	7,618	762	762	762	762	762	762	762	8,380	64	762	100	762	762
Baromalli common	<i>Catostemma commune</i>	3,809	762	762	762	762	762	762	762	3,809	100	-	-	-	-
Kurahara	<i>Calophyllum lucidum</i>	762	762	762	762	762	762	762	762	1,524	70	1,524	70	1,524	1,524
<b>Sub-total (2)</b>		<b>3,258,905</b>	<b>267,518</b>	<b>172,357</b>	<b>96,526</b>	<b>36,566</b>	<b>15,998</b>	<b>8,380</b>	<b>3,809</b>	<b>3,862,058</b>	<b>8</b>	<b>603,153</b>	<b>8</b>	<b>243,712</b>	<b>359,441</b>
Kakaralli black	<i>Eschweilera subglandulosa</i>	1,103,019	81,512	42,661	9,332	762	762	762	762	1,238,048	11	135,029	14	61,706	73,323
Sarebebeballi	<i>Vouacapaou macropetala</i>	861,783	94,272	63,420	19,807	7,618	3,047	762	762	1,050,709	24	188,926	25	3,047	185,879



Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Kauta	<i>Licania</i> spp.	589,123	9,903	2,285	762					602,074	15	12,951	31	3,809	9,142
Trysil	<i>Pentaclethra maculoba</i>	601,185	762							601,947	23	762	100		762
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	510,404	35,804	10,665	2,666	762				560,302	14	49,898	19	33,710	16,188
Kakaralli others	<i>Eschweilera</i> spp.	380,899	17,521	9,142	8,380	2,285			762	418,989	27	38,090	32	20,569	17,521
Kakaralli smooth leaf	<i>Eschweilera</i> spp.	323,764	28,948	11,427	4,571					368,710	20	44,946	21	27,425	17,521
Marishiballi	<i>Licania</i> spp.	255,202	9,903	2,285	762				762	268,914	35	13,712	44	9,142	4,571
Korokororo	<i>Ormosia coutinhoi</i>	110,461	14,474	8,634	3,809	1,524	762			139,663	25	29,202	26	10,665	18,537
Kakaralli wina	<i>Lecythis corrugata</i>	118,079	6,856	5,333	1,524	762				132,553	22	14,474	32	7,618	6,856
Asepoko	<i>Pouteria guianensis</i>	125,697	762	1,524	1,524				762	130,267	25	4,571	46	1,524	3,047
Kakaralli fine leaf	<i>Eschweilera grata</i>	121,888	2,285							124,173	47	2,285	74		2,285
Burada	<i>Parinari campestris</i>	99,034	6,856	6,856	3,047	2,285	762		762	119,602	47	20,569	35	15,998	4,571
Duka	<i>Tapirira marchandii</i>	79,989	8,380	1,524						89,892	37	9,903	30	3,047	6,856
Watapa	<i>Eperua rubiginosa</i>	76,180	4,571	2,285	1,524					84,559	64	8,380	91	2,285	6,094
Cedar white	<i>Tabebuia insignis</i> v. <i>monophylla</i>	72,371	3,809	5,333	1,524	762			762	84,559	37	12,189	38	3,809	8,380
Buruma	<i>Pourouma</i> spp.	76,180	5,333	762						82,274	25	6,094	38	3,047	3,047
Futui	<i>Jacaranda copaia</i>	72,371	3,809	1,524	2,285	762				80,751	27	8,380	42	3,809	4,571
Maho	<i>Sterculia</i> spp.	76,180	762	3,047						79,989	26	3,809	52	3,047	762
Kokoritiballi	<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	68,562	3,047	2,285	762	762				75,418	24	6,856	31	2,285	4,571
Maho smooth leaf	<i>Sterculia pruriens</i>	49,517	4,571	1,524						55,611	28	6,094	38	762	5,333
Wadara	<i>Couratari</i> spp.	45,708	2,285	2,285	2,285	2,285				54,849	30	9,142	29	5,333	3,809
Barakaro	<i>Ormosia</i> spp.	34,281	4,825		762					39,867	36	5,587	56	762	4,825
Huruasa	<i>Abarema jupunba</i>	27,933	2,539	3,809	1,524		762	1,524		38,090	47	10,157	34	5,587	4,571
Haudan	<i>Lecythis</i> spp.	26,663	1,714	2,285						31,424	36	4,761	40	4,761	
Inyek	<i>Antonia ovata</i>	26,663			762	1,524				28,948	52	2,285	74	762	1,524
Asepokoballi fine leaf	<i>Pouteria caiimito</i>	26,663								26,663	51				
Asepokoballi	<i>Pouteria jenmanii</i>	22,854	1,524							24,378	43	1,524	70		1,524
Haiawa	<i>Protium</i> spp.	22,854								22,854	46				
Kamahora	<i>Pouteria</i> spp.	19,045	1,524		762					21,330	39	2,285	74	762	1,524
Suradan	<i>Hieronyma alchorneoides</i>	15,236	3,047	2,285	762					21,330	43	6,094	42	2,285	3,809
Sawari	<i>Caryocar nuciferum</i>	7,618	762	3,047	2,285		2,285	1,524	3,047	20,569	41	12,951	30	3,809	9,142
Fukadi	<i>Buchenavia</i> spp.	11,427	762	762	1,524					14,474	61	3,047	49	762	2,285
Bat seed	<i>Andira</i> spp.	11,427		762											
Dukuria	<i>Sacoglottis guianensis</i>	11,427	1,524							12,951	51	1,524	70		1,524
Limonaballi	<i>Chrysophyllum pomiferum</i>	11,427	1,524							12,951	51	1,524	70	762	762
Cow wood	<i>Bagassa guianensis</i>	7,618	762	1,524		762				10,665	72	3,047	49	1,524	1,524
Hachiballi	<i>Pera</i> spp.	7,618		1,524						9,142	61	1,524	100	762	762
Haiawaballi	<i>Protium tenuifolium</i>	7,618		762						8,380	91	762	100		762
Kauta fine leaf	<i>Licania</i> spp.	7,618								7,618	70				
Manariballi black	<i>Parkia nitida</i>	7,618								7,618	100				
Wadara fine leaf	<i>Couratari multiflora</i>	7,618								7,618	70				
Wallaba ituri	<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.	7,618								7,618	70				
Fukadi hill	<i>Terminalia amazonia</i>	3,809	762	762						5,333	74	1,524	70		1,524
Dukaliballi	<i>Brosimum rubescens</i>	3,809	762		762					5,333	74	1,524	70	762	762
Kakaralli guava skin	<i>Eschweilera alata</i>	3,809								3,809	100				
Uya	<i>Parkia ulei</i>			762	1,524				762	3,047	49	3,047	49	2,285	762
Hipanai	<i>Parkia pendula</i>		762		762	762				2,285	57	2,285	57	762	1,524
Dakama	<i>Dimorphandra conjugata</i>								762	762	100	762	100		762
Darina	<i>Hymenolobium flavum</i>						762			762	100	762	100		762
Iteballi	<i>Vochysia</i> spp.				762					762	100	762	100	762	
Koraroballi	<i>Hymenolobium</i> spp.			762						762	100	762	100		762
Wadara broad leaf	<i>Couratari</i> spp.				762					762	100	762	100		762
<b>Sub-total (3)</b>		<b>6,157,861</b>	<b>369,218</b>	<b>203,844</b>	<b>77,513</b>	<b>23,616</b>	<b>9,142</b>	<b>6,094</b>	<b>7,618</b>	<b>6,854,906</b>	<b>4</b>	<b>697,045</b>	<b>8</b>	<b>251,266</b>	<b>445,778</b>
Maburia		1,277,915	762							1,278,677	17	762	100	762	

Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Kautaballi		<i>Licania spp.</i>	850,674	53,326	15,998	2,285	1,524						923,806	12	73,133	13	35,804	37,328
Unknown			853,213	16,760	7,618	7,618	2,285					762	888,256	16	35,043	20	6,094	28,948
Waiaballi		<i>Tapura guianensis</i>	683,713	762									684,475	12	762	100	762	
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	521,831	1,524		1,524							524,878	16	3,047	49	1,524	1,524
Manicole		<i>Euterpe oleracea</i>	259,011										259,011	39		-		
Warakosa		<i>Inga spp.</i>	245,680	6,094	3,047	1,524	762						257,107	17	11,427	30	762	10,665
Shiballidan		<i>Hebepetalum humiriifolium</i>	255,202	762									255,964	29	762	100		762
Taparaballi		<i>Myrciaria spp.</i>	215,843										215,843	32		-		
Table tree		<i>Cordia exaltata</i>	202,829	762									203,590	16	762	100		762
Arara smooth skin		<i>Guatteria atra</i>	199,020	762									199,781	31	762	100	762	
Moraballi		<i>Pouteria minutiflora</i>	156,168	12,951	8,380	1,524	1,524					762	181,308	20	25,139	26	8,380	16,760
Apoukito		<i>Chamaecrista apoucouita</i>	166,643	7,618	5,333	762				762			181,117	28	14,474	38		14,474
Arara fine leaf		<i>Guatteria schomburgkiana</i>	167,595										167,595	31		-		
Awasokule		<i>Tovomita spp.</i>	163,786	762									164,548	24	762	100	762	
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	156,168	762									156,930	26	762	100	762	
Aruadan		<i>Sloania/Couepia spp.</i>	140,932	4,571	762	1,524							147,789	23	6,856	35	2,285	4,571
Maddabori		<i>Clusia spp.</i>	133,315										133,315	69		-		
Turu		<i>Jessenia bataua</i>	106,652										106,652	38		-		
Buruburuli		<i>Licania spp.</i>	72,371	3,047	2,285		762						78,465	24	6,094	42	2,285	3,809
Adebero		<i>Paypayrola longifolia</i>	77,132										77,132	29		-		
Asashi		<i>Rheedia spp.</i>	72,371	762									73,133	27	762	100	762	
Congo pump		<i>Cecropia spp.</i>	53,326	14,474	2,285	762							70,847	31	17,521	41	13,712	3,809
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	58,087	4,571	1,524	2,285	1,524	1,524					69,514	30	11,427	33	3,809	7,618
Kamakuti		<i>Bombax spp.</i>	68,562			762							69,324	49	762	100	762	
Silverballi sawari skin		<i>Ocotea canaliculata</i>	53,326	1,524	4,571	1,524	2,285			1,524	762		65,515	23	12,189	38	5,333	6,856
Barabara		<i>Diospyros spp.</i>	53,326	5,333	1,524	762							60,944	33	7,618	36	4,571	3,047
Hikuribianda			60,944										60,944	37		-		
Imirimaballi		<i>Chamaecrista adaintifolia</i>	53,326	3,047		762							57,135	37	3,809	52		3,809
Manobodin		<i>Emmotum spp.</i>	53,326	1,524		762				762			56,373	54	3,047	61	1,524	1,524
Arara broad leaf			53,326	1,524									54,849	30	1,524	100	1,524	
Mora sand		<i>Dicycme corymbosa; Talisia squarrosa</i>	49,517	2,285	2,285								54,088	49	4,571	57	1,524	3,047
Silverballi Gingergale		<i>Aniba spp.</i>	49,517	762			762						51,040	35	1,524	100	762	762
Aiomorakushi		<i>Pouteria cladantha</i>	49,517	762									50,279	35	762	100		762
Kudibushi		<i>Micropholis venulosa</i>	49,517										49,517	30		-		
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	49,517										49,517	51		-		
Ruri		<i>Chaetocarpus spp.</i>	45,708	3,047	762								49,517	34	3,809	59	762	3,047
Silverballi		<i>Ocotea spp.</i>	46,977	1,524	762								49,263	36	2,285	57		2,285
Kokorite		<i>Attalea regia</i>	45,708										45,708	92		-		
Yarri yarri		<i>Duguetia spp.</i>	41,899	762									42,661	42	762	100	762	
Kaditiri		<i>Sclerolobium guianensis</i>	34,281	3,047	762					762			38,852	32	4,571	39		4,571
Komaramara		<i>Duroia eriopila</i>	38,090										38,852	35	762	100		762
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	38,090										38,090	30		-		
Wakaradan		<i>Miconia spp.</i>	38,090										38,090	41		-		
Duru		<i>Apeiba spp.</i>	31,424	2,285	762	762							35,233	49	3,809	52	762	3,047
Kakarua		<i>Pradosia schomburgkii</i>	30,472	3,809	762								35,043	71	4,571	52	1,524	3,047
Ruri red skin			30,472	3,047	1,524								35,043	37	4,571	46	3,047	1,524
Warakaoro		<i>Laetia pocera</i>	30,472	3,809		762							35,043	46	4,571	46	2,285	2,285
Lu Palm		<i>Oenocarpus bacaba</i>	34,281										34,281	35		-		
Maburilli		<i>Maburea trinervis</i>	34,281										34,281	59		-		
Maho rough leaf		<i>Xylosterculia rugosa</i>	30,472	2,285	762								33,519	36	3,047	49	2,285	762



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Konoko		<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	26,663	3,047	762		762						31,234	39	4,571	39	2,285	2,285
Silverballi Almond Gale		<i>Aniba citrifolia</i>	30,472	762									31,234	37	762	100		762
Arrow Palm			30,472										30,472	100				
Yawaredan		<i>Sclerolobium spp.</i>	30,472										30,472	42				
Bloodwood		<i>Vismia spp.</i>	26,663										26,663	51				
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>	26,663										26,663	42				
Kumaramara			26,663										26,663	62				
Serebedan		<i>Swartzia spp.</i>	26,663										26,663	62				
Taparau		<i>Myrciaria vismeifolia</i>	26,663										26,663	71				
Imirimia			22,854	3,047									25,901	83	3,047	79		3,047
Greenheart gale		<i>Aniba excelsa</i>	22,854	762	762		762						25,139	36	2,285	74		2,285
Tureli		<i>Inga gracilifolia</i> ; <i>Zygia racemosa</i>	22,854	762	762								24,378	43	1,524	70	762	762
Kakotaro		<i>Ilex martiniana</i>	22,854										22,854	57				
Silverballi pear leaf		<i>Ocotea acutangula</i>	22,854										22,854	52				
Awati		<i>Maprounea guianensis</i>	22,854										22,854	70				
Kulishiri white			19,045	1,524									20,569	40	1,524	70	762	762
Akarako		<i>Marlierea schomburgkiana</i>	19,045										19,045	82				
Iron Mary		<i>Clathrotropis paradoxa</i>	19,045										19,045	52				
Karishiri		<i>Ephedranthus guianensis</i> ; <i>Oxandra asbeckii</i>	19,045										19,045	82				
Parakusan		<i>Swartzia jenmanii</i>	7,618	3,809		3,047	762		1,524	2,285			19,045	39	11,427	35		11,427
Unikiakia		<i>Licania spp.</i>	15,236	762									15,998	47	762	100		762
Kakirio		<i>Calycolpus goetheanus</i> ; <i>C. revolutus</i> ; <i>Myrcia rufipila</i> ; <i>Myrciaria floribunda</i> ; <i>Plinia pinnata</i>	15,236										15,236	79				
Mababalli		<i>Aparisthium cordatum</i> ; <i>Conceveiba guianensis</i>	15,236										15,236	49				
Sweetheart		<i>Talisia spp.</i>	15,236										15,236	61				
Kanakudiballi		<i>Alchornea triplinervia</i> ; <i>Alchorneopsis floribunda</i> ; <i>Cochlospermum orinocense</i> ; <i>C. spp.</i> ; <i>Dichapetalum pedunculatum</i>	11,427	762	2,285								14,474	59	3,047	49	1,524	1,524
Kaiarima		<i>Maytenus spp.</i>	11,427	762		1,524							13,712	84	2,285	74		2,285
Karapai		<i>Annona haematantha</i>	13,331										13,331	77				
Baririkuti		<i>Mabea piri</i>	12,379										12,379	57				
Hakiaballi		<i>Vitex spp.</i>	7,618	1,524	762	762	762		762				12,189	64	4,571	46	2,285	2,285
Bokotokon		<i>Hirtella spp.</i>	11,427										11,427	74				
Mamudan		<i>Guapira spp.</i> ; <i>Neea spp.</i>	11,427										11,427	57				
Silverballi boradia			11,427										11,427	74				
Wild Guava		<i>Calycolpus goetheanus</i>	11,427										11,427	57				
Banyaballi		<i>Eugenia spp.</i>	7,618										7,618	100				
Bauwaua		<i>Astronium ulei</i>	7,618										7,618	70				
Curry tree		<i>Pogonophona schomburgkiana</i>	7,618										7,618	70				
Fern Tree		<i>Touroulia guianensis</i>	7,618										7,618	100				
Hatti		<i>Hevea spp.</i>	7,618										7,618	100				
Hurehi			7,618										7,618	100				
Ibibanaro			7,618										7,618	70				
Ite Palm		<i>Mauritia flexuosa</i>	7,618										7,618	100				
Kawakaia			7,618										7,618	70				
Komaramaraballi		<i>Amaioua guianensis</i>	7,618										7,618	70				
Kufiballi		<i>Guarea pubescens</i>	7,618										7,618	100				
Quaku			7,618										7,618	70				
Warai		<i>Miconia punctata</i>	7,618										7,618	70				
Wild Cherry		<i>Eugenia patrisii</i>	7,618										7,618	70				

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)						
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
Yaki	<i>Guettarda acraea</i>	7,618											7,618	100				
Charcoal		3,809	2,285	762									6,856	61	3,047	61	1,524	1,524
Aimoradan		3,809	1,524	762									6,094	68	2,285	74	762	1,524
Devilbeer tree	<i>Strychnos spp.</i>	3,809			1,524							762	6,094	66	2,285	57		2,285
Matamba	<i>Cedrela spp.</i>	3,809		762								1,524	6,094	68	2,285	74	762	1,524
Hurhi	<i>Humiristrum obovata</i>	3,809	1,524										5,333	74	1,524	70	762	762
Kumakabali	<i>Coussapea hypochloro; Ficus mathewsii</i>	3,809	762		762								5,333	74	1,524	70		1,524
Himoradan		3,809						762					4,571	85	762	100	762	762
Kanoabali	<i>Byrsonima stipulacea</i>	3,809	762										4,571	85	762	100	762	762
Muneridan	<i>Siparuna spp.</i>	3,809	762										4,571	85	762	100	762	762
Baratabali	<i>Ecclinusa sanguinolenta</i>	3,809											3,809	100				
Bantabali	<i>Ecclinusa guianensis</i>	3,809											3,809	100				
Boba	<i>Iriartea exorrhiza</i>	3,809											3,809	100				
Bukbukatokon		3,809											3,809	100				
Carambi		3,809											3,809	100				
Cocane tree	<i>Erythroxylum spp.</i>	3,809											3,809	100				
Corkwood	<i>Pterocarpus officinalis</i>	3,809											3,809	100				
Ishirodan		3,809											3,809	100				
Karababali	<i>Guarea guidonia</i>	3,809											3,809	100				
Kurhikoyoko		3,809											3,809	100				
Mabwa	<i>Himatanthus spp.</i>	3,809											3,809	100				
Maho black	<i>Rollinia exsucca</i>	3,809											3,809	100				
Manaka		3,809											3,809	100				
Merechiballi		3,809											3,809	100				
Rokoroko	<i>Macoubea guianensis</i>	3,809											3,809	100				
Shirada	<i>Inga laterifolia</i>	3,809											3,809	100				
Takarwa		3,809											3,809	100				
Wakau	<i>Sapium jenmanii</i>	3,809											3,809	100				
Warunana	<i>Hortia regia</i>	3,809											3,809	100				
Halchiballi	<i>Ipomoea philomega</i>		1,524	762									2,285	74	2,285	74	762	1,524
Corkwood hill	<i>Pterocarpus rohrii</i>		1,524										1,524	100	1,524	100		1,524
Bakupur	<i>Pouteria spp.</i>		762										762	100	762	100		762
Blackheart	<i>Acosmium praeclara</i>		762										762	100	762	100		762
Johnbatai				762									762	100	762	100		762
Koraro						762							762	100	762	100		762
Koyechiballi	<i>Lueheopsis rugosa</i>												762	100	762	100		762
Monkey mollases	<i>Cassia spp.</i>												762	100	762	100		762
Warishi													762	100	762	100		762
Yakoro								762					762	100	762	100		762
<b>Sub-total (4)</b>		<b>9,162,834</b>	<b>202,638</b>	<b>71,609</b>	<b>33,519</b>	<b>15,236</b>	<b>5,333</b>	<b>4,571</b>	<b>6,856</b>	<b>9,502,596</b>	<b>4</b>	<b>339,762</b>	<b>6</b>	<b>122,649</b>	<b>217,112</b>			
<b>TOTAL</b>		<b>23,450,025</b>	<b>1,438,781</b>	<b>868,957</b>	<b>442,604</b>	<b>222,508</b>	<b>112,619</b>	<b>61,896</b>	<b>64,943</b>	<b>26,662,334</b>	<b>2</b>	<b>3,212,309</b>	<b>3</b>	<b>1,337,145</b>	<b>1,875,164</b>			

**Appendix IV**

**NT -MGB**



Stand table of Total stocking for MGB (15288 ha, 26 transects)															
Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodiei</i>	161,280	32,256	28,877	20,244	12,917	2,352	1,764	1,764	261,455	22	100,175	16	51,137	49,037
Bulletwood	<i>Manilkara bidentata</i>	17,640	588	1,176		1,176				20,580	49	2,940	50	2,352	588
Purpleheart	<i>Peltogyne spp.</i>		588	588			588		1,176	2,940	50	2,940	50	2,352	588
Silverballi brown	<i>Cordia alliodora; Licaria canella</i>	2,940								2,940	100				
Letterwood	<i>Brosimum guianensis</i>			588						588	100	588	100	588	
<b>Sub-total (0)</b>		<b>181,860</b>	<b>33,432</b>	<b>31,229</b>	<b>20,244</b>	<b>14,093</b>	<b>2,940</b>	<b>1,764</b>	<b>2,940</b>	<b>288,503</b>	<b>20</b>	<b>106,643</b>	<b>15</b>	<b>56,429</b>	<b>50,213</b>
Wamara	<i>Swartzia leiocalycina</i>	340,620	39,881	15,773	3,780		588			400,643	15	60,023	17	22,577	37,445
Crabwood	<i>Carapa spp.</i>	218,867	17,724	5,880	2,940	1,176				246,587	30	27,720	33	15,372	12,348
Wamaradan	<i>Dicorynia guianensis</i>	80,967	11,303	12,516	14,177	6,720	3,528	588		129,799	16	48,832	15	18,863	29,969
Mora	<i>Mora excelsa</i>	38,127	6,384	12,012	8,400	7,541	4,368	4,116	7,560	88,508	35	50,381	38	10,332	40,049
Aromata	<i>Clathrotropis spp.</i>	70,560	4,116	3,192						77,868	33	7,308	44	3,528	3,780
Kabukalli	<i>Ampelocera edentula; Goupia glabra</i>	45,360	5,880	2,352	588	2,352	588	588		57,708	33	12,348	21	5,880	6,468
Yarula	<i>Aspidosperma spp.</i>	35,280	5,292	5,880	2,352	3,528	588	1,176		54,096	25	18,816	32	8,232	10,584
Itikiborballi	<i>Swartzia spp.</i>	44,100	1,764							45,864	37	1,764	55	1,176	588
Suya	<i>Pouteria speciosa</i>	14,700	4,116	6,468	2,352	2,352				29,988	38	15,288	35	10,584	4,704
Dalli hill	<i>Virola longata</i>	26,460	1,176	588	588					28,812	53	2,352	47	2,352	
Shibadan	<i>Aspidosperma spp.</i>	20,580	1,176		1,176	588				23,520	43	2,940	50	1,764	1,176
Morabukea	<i>Mora gonggripii</i>	11,760	4,704	2,352	1,764	588		588		21,756	56	9,996	59	1,176	8,820
Dalli	<i>Virola surinamensis &amp; sebifera</i>	11,760		588						12,348	66	588	100	588	
Ulu	<i>Trattinickia spp.</i>	5,880	588	588						7,056	58	1,176	69	1,176	
Manniballi	<i>Moronobea coccinea</i>	5,880								5,880	69				
Locust	<i>Hymenaea spp.</i>	2,940							1,176	4,116	73	1,176	69	1,176	
Dalli swamp	<i>Virola spp.</i>	2,940	588							3,528	84	588	100		588
Silverballi yellow	<i>Aniba hypoglauca</i>	2,940								2,940	100				
Simarupa	<i>Quassia simarouba</i>		588	588	588					1,764	55	1,764	55	1,764	
Tatabu	<i>Diploporis purpurea</i>		588	588						1,176	69	1,176	69	1,176	
Tauroniro	<i>Humiria balsamifera</i>		1,176							1,176	100	1,176	100	588	588
<b>Sub-total (1)</b>		<b>979,720</b>	<b>107,044</b>	<b>69,365</b>	<b>38,705</b>	<b>24,845</b>	<b>9,660</b>	<b>7,056</b>	<b>8,736</b>	<b>1,245,132</b>	<b>9</b>	<b>265,412</b>	<b>11</b>	<b>108,304</b>	<b>157,108</b>
Wallaba soft	<i>Eperua falcata</i>	235,807	28,149	24,603	7,308	5,796	1,829	1,176		304,668	21	68,861	20	18,340	50,521
Baromalli	<i>Catostemma spp.</i>	188,300	7,560	4,368	588					200,816	26	12,516	32	9,072	3,444
Baromalli sand	<i>Catostemma altonii; C. fragrans</i>	123,807	5,292	4,116	588	840				134,643	32	10,836	30	6,132	4,704
Silverballi kereti	<i>Ocotea spp.</i>	77,747	5,292	1,764	588					85,391	26	7,644	32	2,352	5,292
Kurokai	<i>Protium decandrum</i>	59,127	6,468	4,032						69,627	24	10,500	28	5,292	5,208
Monkey pot	<i>Lecythis zabucajo</i>	41,487	2,940	2,352	2,352					49,131	23	7,644	25	3,528	4,116
Maporokon	<i>Inga alba</i>	8,820		3,528	1,764	588				14,700	40	5,880	46	2,352	3,528
Manni	<i>Symphonia globulifera</i>	11,760		1,176	588					13,524	43	1,764	55	1,176	588
Karohoro	<i>Schefflera spp.</i>	11,760	588							12,348	45	588	100	588	
Ubudi	<i>Anacardium giganteum</i>	2,940	588					588		4,116	73	1,176	69		1,176
Dukalli	<i>Parahancornia fasciculata</i>	2,940								2,940	100				
Kirikaua	<i>Iryanthera spp.</i>	2,940								2,940	100				
<b>Sub-total (2)</b>		<b>767,433</b>	<b>56,877</b>	<b>45,939</b>	<b>13,776</b>	<b>7,224</b>	<b>1,829</b>	<b>1,764</b>		<b>894,843</b>	<b>9</b>	<b>127,409</b>	<b>12</b>	<b>48,832</b>	<b>78,577</b>
Kakaralli black	<i>Eschweilera subglandulosa</i>	356,207	31,668	15,335	1,764		1,428			406,401	17	50,195	18	26,628	23,567
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	283,080	18,377	6,972	5,544	2,016				315,989	21	32,909	30	25,872	7,037
Kauta	<i>Licania spp.</i>	174,393	4,181							178,575	21	4,181	39	3,528	653
Kakaralli others	<i>Eschweilera spp.</i>	112,887	4,368	2,268				588		120,111	35	7,224	31	2,604	4,620
Trysil	<i>Pentaclethra macroloba</i>	110,040								110,040	38				
Kakaralli fine leaf	<i>Eschweilera grata</i>	86,100	3,108	1,764						90,972	81	4,872	57	2,016	2,856
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	58,800	4,956	1,176	588					65,520	42	6,720	50	2,352	4,368
Kakaralli wina	<i>Lecythis corrugata</i>	45,360	4,116	1,176						50,652	47	5,292	58	3,528	1,764
Cedar white	<i>Tabebuia insignis v. monophylla</i>	45,687	2,352	588	1,176					49,803	34	4,116	64		4,116



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Maho		<i>Sterculia</i> spp.	45,687	588	588								47,451	26	1,764	55	588	1,176
Duka		<i>Tapirira marchandii</i>	41,813	2,352									44,165	31	2,352	47		2,352
Futui		<i>Jacaranda copaia</i>	39,200	1,176									40,376	35	1,176	69	588	588
Asepoko		<i>Pouteria guianensis</i>	38,220	1,241									39,461	31	1,241	69		1,241
Buruma		<i>Pourouma</i> spp.	35,933	1,176									37,109	29	1,176	100	1,176	
Sarebebeballi		<i>Vouacapoua macropetala</i>	29,400	1,764	2,352	2,352	588						36,456	58	7,056	64	588	6,468
Watapa		<i>Eperua rubiginosa</i>	29,400	840	1,680								31,920	100	2,520	100	1,680	840
Asepokoballi		<i>Pouteria jenmanii</i>	26,460	588									27,048	47	588	100	588	
Wallaba ituri		<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.	14,700	1,176	2,940								18,816	100	4,116	100		4,116
Huruasa		<i>Abarema jupunba</i>	11,760	588	2,352	1,176	588	588	1,176				18,228	64	6,468	30	2,352	4,116
Korokororo		<i>Ormosia coutinhoi</i>	11,760	2,352	1,176	1,176							16,464	55	4,704	50	2,352	2,352
Kokoritballi		<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	11,760	3,192		588							15,540	43	3,780	43	3,192	588
Inyek		<i>Antonia ovata</i>	15,027										15,027	50		-		
Marishiballi		<i>Licania</i> spp.	11,760	1,764	588								14,112	54	2,352	47	2,352	
Hairariballi		<i>Alexa</i> spp.	8,820	1,764	1,764								12,348	95	3,528	84		3,528
Wadara		<i>Couratari</i> spp.	8,820	588	1,176	588	588						11,760	42	2,940	50	1,176	1,764
Maho smooth leaf		<i>Sterculia pruriens</i>	8,820										8,820	55		-		
Kakaralli guava skin		<i>Eschweilera alata</i>	8,400										8,400	100		-		
Burada		<i>Parinari campestris</i>	7,140					588				588	8,316	65	1,176	69	588	588
Fukadi		<i>Buchenavia</i> spp.	5,880									588	6,468	63	588	100	588	
Barakaro		<i>Ormosia</i> spp.	2,940	840	1,176		588	588					6,132	51	3,192	42	1,428	1,764
Haiwaballi		<i>Protium tenuifolium</i>	5,880										5,880	69		-		
Haiawa		<i>Protium</i> spp.	5,880										5,880	69		-		
Cow wood		<i>Bagassa guianensis</i>	2,940	588	1,176								4,704	64	1,764	55	1,764	
Dukuria		<i>Sacoglottis guianensis</i>	2,940				588						3,528	100	588	100	588	
Iteballi		<i>Vochysia</i> spp.	2,940				588						3,528	84	588	100	588	
Koraroballi		<i>Hymenolobium</i> spp.	3,267										3,267	100		-		
Hachiballi		<i>Pera</i> spp.	2,940										2,940	100		-		
Kauta fine leaf		<i>Licania</i> spp.	2,940										2,940	100		-		
Sawari		<i>Caryocar nuciferum</i>		588	588							588	1,764	73	1,764	73	588	1,176
Suradan		<i>Hieronyma alchorneoides</i>				588	588						1,176	69	1,176	69		1,176
Asepokoballi fine leaf		<i>Pouteria caimito</i>		588									588	100	588	100	588	
Darina		<i>Hymenolobium flavum</i>			588								588	100	588	100		588
Devil's ear		<i>Enterolobium cyclocarpum</i>				588							588	100	588	100	588	
Hipanai		<i>Parkia pendula</i>			588								588	100	588	100	588	
Kamahora		<i>Pouteria</i> spp.		588									588	100	588	100	588	
Tonka bean		<i>Dipteryx odorata</i>						588					588	100	588	100		588
Wadara broad leaf		<i>Couratari</i> spp.						588					588	100	588	100	588	
Wadara fine leaf		<i>Couratari multiflora</i>		588									588	100	588	100	588	
<b>Sub-total (3)</b>			<b>1,715,980</b>	<b>98,056</b>	<b>48,011</b>	<b>16,716</b>	<b>6,720</b>	<b>3,780</b>	<b>1,764</b>	<b>1,764</b>	<b>1,892,791</b>	<b>7</b>	<b>176,811</b>	<b>10</b>	<b>92,820</b>	<b>83,991</b>		
Unknown			346,220	7,644	5,945	1,764	1,176						362,749	27	16,529	25	5,880	10,649
Maburia			278,040										278,040	26		-		
Kautaballi		<i>Licania</i> spp.	263,060	11,237	2,856	588							277,741	17	14,681	25	8,148	6,533
Waiaballi		<i>Tapura guianensis</i>	251,067										251,067	22		-		
Kuyama		<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	202,813	2,940									205,753	19	2,940	41	1,764	1,176
Shiballidan		<i>Hebepetalum humiriifolium</i>	110,040										110,040	33		-		
Warakosa		<i>Inga</i> spp.	95,060	2,940	2,352								100,352	24	5,292	36	1,176	4,116
Aruadan		<i>Sloania/Couepia</i> spp.	83,580	2,940	588								87,108	28	3,528	55	588	2,940
Moraballi		<i>Pouteria minutiflora</i>	70,887	5,208	3,528	1,764	588						81,975	29	11,088	27	4,956	6,132
Arara		<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	77,607										77,607	45		-		

Species	Common name	Botanical name	Diameter class (cm)										Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Table tree		<i>Cordia exaltata</i>	57,820										57,820	36			
Imiriaballi		<i>Chamaecrista adaintifolia</i>	47,040										47,040	57			
Awasokule		<i>Tovomita spp.</i>	46,013										46,013	47			
Arara fine leaf		<i>Guatteria schomburgkiana</i>	45,360										45,360	37			
Congo pump		<i>Cecropia spp.</i>	35,933										35,933	45			
Maburilli		<i>Maburea trinervis</i>	30,660										30,660	78			
Turu		<i>Jessenia bataua</i>	29,400										29,400	46			
Kudibiushi		<i>Micropholis venulosa</i>	27,113		588								27,701	38	588	100	588
Ruri red skin			23,520	2,604	1,176								27,300	41	3,780	43	1,764 2,016
Manicole		<i>Euterpe oleracea</i>	26,787										26,787	57			
Apoukito		<i>Chamaecrista apoucouita</i>	21,420	588	2,520								24,528	67	3,108	83	840 2,268
Silverballi sawari skin		<i>Ocotea canaliculata</i>	14,700	2,940	1,764	1,764	1,176						23,520	38	8,820	34	1,764 7,056
Manobodin		<i>Emmotum spp.</i>	20,907										20,907	60			
Barabara		<i>Diospyros spp.</i>	20,580										20,580	33			
Buruburuli		<i>Licania spp.</i>	20,580										20,580	49			
Itara			20,580										20,580	76			
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	20,580										20,580	39			
Taparaballi		<i>Myrciaria spp.</i>	20,580										20,580	60			
Wakaradan		<i>Miconia spp.</i>	20,580										20,580	100			
Aiomorakushi		<i>Pouteria cladantha</i>	17,640	588	1,176								19,404	46	1,764	55	1,176 588
Kaditiri		<i>Sclerolobium guianensis</i>	15,027	1,764	588	1,176	588						19,143	36	4,116	39	2,352 1,764
Greenheart gale		<i>Aniba excelsa</i>	18,293										18,293	50			
Asashi		<i>Rheedia spp.</i>	18,293										18,293	45			
Arara smooth skin		<i>Guatteria atra</i>	17,640										17,640	44			
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	11,760	2,940	1,764	588							17,052	100	5,292	100	588 4,704
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	11,760	1,176	588	2,352	588						16,464	41	4,704	43	1,176 3,528
Adebero		<i>Paypayrola longifolia</i>	15,960										15,960	42			
Wild Cherry		<i>Eugenia patrisii</i>	14,700										14,700	65			
Yarri yarri		<i>Duguetia spp.</i>	14,280										14,280	70			
Kamakuti		<i>Bombax spp.</i>	12,413	588									13,001	66	588	100	588
Banyaballi		<i>Eugenia spp.</i>	11,760										11,760	59			
Komaramara		<i>Duroia eriopila</i>	11,760										11,760	78			
Kulishiri white			11,760										11,760	47			
Silverballi Gingergale		<i>Aniba spp.</i>	11,760										11,760	47			
Kumaramara			9,473										9,473	74			
Kanoaballi		<i>Byrsonima stipulacea</i>	8,820	588									9,408	69	588	100	588
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>	8,820										8,820	73			
Kokorite		<i>Attalea regia</i>	8,820										8,820	73			
Lu Palm		<i>Oenocarpus bacaba</i>	8,820										8,820	55			
Maddabori		<i>Clusia spp.</i>	8,820										8,820	73			
Silverballi Almond Gale		<i>Aniba citrifolia</i>	8,820										8,820	73			
Yawaredan		<i>Sclerolobium spp.</i>	8,820										8,820	55			
Kakarua		<i>Pradosia schomburgkii</i>	8,820										8,820	100			
Duru		<i>Apeiba spp.</i>	5,880		588		588						7,056	58	1,176	69	1,176
Karababalli		<i>Guarea guidonia</i>	6,533										6,533	100			
Hicha		<i>Byrsonima spicata</i>	5,880	588									6,468	91	588	100	588
Maho rough leaf		<i>Xylosterculia rugosa</i>	5,880			588							6,468	63	588	100	588
Ruri		<i>Chaetocarpus spp.</i>	5,880		588								6,468	63	588	100	588
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	5,880										5,880	69			
Quaku			5,880										5,880	100			
Silverballi pear leaf		<i>Ocotea acutangula</i>	5,880										5,880	69			



Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Silverballi shirua		5,880								5,880	100		-		
Wild Guava	<i>Calycolpus goetheanus</i>	5,880								5,880	69		-		
Corkwood hill	<i>Pterocarpus rohrii</i>	2,940	1,176	588						4,704	64	1,764	55		1,764
Arikadako	<i>Byrsonima spp.</i>	3,267	653							3,920	100	653	100		653
Iron Mary	<i>Clathrotropis paradoxa</i>	2,940	588							3,528	100	588	100		588
Konoko	<i>Licania cuprea; Pouteria engleri</i>	2,940	588							3,528	100	588	100	588	
Silverballi	<i>Ocotea spp.</i>	2,940		588						3,528	84	588	100		588
Warakaioero	<i>Laetia pocera</i>	2,940		588						3,528	84	588	100		588
Kakotaro	<i>Ilex martiniana</i>	3,267								3,267	100		-		
Kwako	<i>Marlierea montana</i>	3,267								3,267	100		-		
Arara broad leaf		2,940								2,940	100		-		
Bakupur	<i>Pouteria spp.</i>	2,940								2,940	100		-		
Buradiye	<i>Nectandra grandis</i>	2,940								2,940	100		-		
Fern Tree	<i>Touroulia guianensis</i>	2,940								2,940	100		-		
Hikuribianda		2,940								2,940	100		-		
Hishirudan	<i>Dulacia guianensis; Platymiscium trinitatis</i>	2,940								2,940	100		-		
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>	2,940								2,940	100		-		
Mamudan	<i>Guapira spp.; Neea spp.</i>	2,940								2,940	100		-		
Monkey mollases	<i>Cassia spp.</i>	2,940								2,940	100		-		
Rokoroko	<i>Macoubea guianensis</i>	2,940								2,940	100		-		
Serebedan	<i>Swartzia spp.</i>	2,940								2,940	100		-		
Shirada	<i>Inga laterifolia</i>	2,940								2,940	100		-		
Tureli	<i>Inga gracilifolia; Zygia racemosa</i>	2,940								2,940	100		-		
Vitya sand		2,940								2,940	100		-		
Waraia	<i>Miconia punctata</i>	2,940								2,940	100		-		
Warua	<i>Cassia spp.</i>	2,940								2,940	100		-		
Yaridan		2,940								2,940	100		-		
Devildoer tree	<i>Strychnos spp.</i>			588					588	1,176	69	1,176	69	588	588
Korowaroballi				588				588		1,176	100	1,176	100	588	588
Aimoradan					588					588	100	588	100		588
Jack-in-the-box	<i>Hernandia guianensis</i>					588				588	100	588	100		588
Kanakudiballi	<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>			588						588	100	588	100		588
Kereti High Bush			588							588	100	588	100		588
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>				588					588	100	588	100		588
Unikiakia	<i>Licania spp.</i>		588							588	100	588	100		588
<b>Sub-total (4)</b>		<b>2,760,567</b>	<b>51,455</b>	<b>30,137</b>	<b>11,760</b>	<b>5,292</b>	<b>588</b>	<b>588</b>	<b>1,176</b>	<b>2,861,563</b>	<b>6</b>	<b>100,996</b>	<b>11</b>	<b>36,288</b>	<b>64,708</b>
<b>TOTAL</b>		<b>6,405,560</b>	<b>346,864</b>	<b>224,681</b>	<b>101,201</b>	<b>58,175</b>	<b>18,797</b>	<b>12,936</b>	<b>14,616</b>	<b>7,182,831</b>	<b>2</b>	<b>777,271</b>	<b>4</b>	<b>342,673</b>	<b>434,597</b>

**Appendix IV**

**NT -MMC**



Stand table of Total stocking for MMC (30363 ha, 40 transects)

Species	Common name	Botanical name	Diameter class (cm)										Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	261,339	50,099	36,978	35,677	22,013	10,193	3,795			420,094	18	158,755	18	91,631	67,124
Bulletwood		<i>Manilkara bidentata</i>	3,795	3,036	5,314	2,277		759	759			15,941	35	12,145	37	7,591	4,554
Purpleheart saka		<i>Peltogyne venosa</i>	7,591									7,591	70				
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	3,795	2,277								6,073	65	2,277	56		2,277
Purpleheart		<i>Peltogyne spp.</i>		759	1,518			759	759	759		4,554	38	4,554	38	4,554	
Letterwood		<i>Brosimum guianensis</i>	3,795									3,795	100				
<b>Sub-total (0)</b>			<b>280,316</b>	<b>56,172</b>	<b>43,809</b>	<b>37,954</b>	<b>22,772</b>	<b>11,711</b>	<b>5,314</b>			<b>458,048</b>	<b>17</b>	<b>177,732</b>	<b>17</b>	<b>103,776</b>	<b>73,956</b>
Mora		<i>Mora excelsa</i>	624,068	99,656	108,331	87,185	59,642	41,207	32,532	35,243	1,087,863	13	463,795	14	119,175	344,620	
Crabwood		<i>Carapa spp.</i>	478,759	29,170	15,507	9,434	1,518			759		535,148	25	56,388	24	29,604	26,785
Wamara		<i>Swartzia leiocalycina</i>	328,029	34,158	20,061	5,314				759		388,321	16	60,292	17	28,845	31,447
Wamaradan		<i>Dicorynia guianensis</i>	151,815	26,568	18,218	13,663	14,748	3,795	3,036	3,036	234,879	19	83,064	15	45,111	37,954	
Aromata		<i>Clathrotropis spp.</i>	175,672	9,434	2,277		759				759	188,901	22	13,230	39	7,916	5,314
Itikiboroballi		<i>Swartzia spp.</i>	174,045	6,832	3,036	759					184,672	18	10,627	36	3,036	7,591	
Yarula		<i>Aspidosperma spp.</i>	114,946	12,471	10,952	4,554	1,518	2,277	1,518		148,237	29	33,291	21	11,386	21,905	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	91,089	4,554	9,434	1,518	1,518	759	1,518		110,391	35	19,302	18	6,398	12,904	
Morabukea		<i>Mora gonggrijpii</i>	37,954	6,289	5,964	2,603	1,518			759		55,087	42	17,133	51	3,362	13,772
Dalli swamp		<i>Virola spp.</i>	34,158	759	3,036							37,954	54	3,795	59	1,518	2,277
Silverballi yellow		<i>Aniba hypoglauca</i>	29,821							759		30,580	46	759	100		759
Dalli		<i>Virola surinamensis &amp; sebifera</i>	22,772	3,795	1,518	1,518						29,604	47	6,832	70	3,036	3,795
Tauroniro		<i>Humiria balsamifera</i>	7,591	2,277	759	759						11,386	68	3,795	82	3,036	759
Ulu		<i>Trattinickia spp.</i>	7,591	1,518						759		9,868	54	2,277	56	759	1,518
Dalli hill		<i>Virola longata</i>	7,591	1,518								9,109	59	1,518	70	1,518	
Shibadan		<i>Aspidosperma spp.</i>	7,591	759								8,350	70	759	100		759
Simarupa		<i>Quassia simarouba</i>	3,795			759		1,518	759			6,832	61	3,036	60	1,518	1,518
Suya		<i>Pouteria speciosa</i>		1,518	3,795							5,314	45	5,314	45	3,036	2,277
Washiba		<i>Tabebuia spp.</i>	3,795									3,795	100				
<b>Sub-total (1)</b>			<b>2,301,082</b>	<b>241,277</b>	<b>202,890</b>	<b>128,067</b>	<b>81,221</b>	<b>50,316</b>	<b>41,641</b>	<b>39,797</b>	<b>3,086,290</b>	<b>6</b>	<b>785,209</b>	<b>8</b>	<b>269,255</b>	<b>515,954</b>	
Wallaba soft		<i>Eperua falcata</i>	863,177	111,476	67,883	31,122	15,181	6,832	3,795	1,518	1,100,984	17	237,807	15	65,606	172,202	
Baromalli		<i>Catostemma spp.</i>	832,814	16,266	5,314	1,518				759		856,670	19	23,857	27	14,748	9,109
Baromalli sand		<i>Catostemma altonii; C. fragrans</i>	303,088	6,832	3,795							313,715	38	10,627	39	6,832	3,795
Silverballi kereti		<i>Ocotea spp.</i>	53,135	7,591	759							61,485	28	8,350	34	2,277	6,073
Kurokai		<i>Protium decandrum</i>	26,568	1,518	759							28,845	41	2,277	56	759	1,518
Maporokon		<i>Inga alba</i>	11,386	6,832	759	3,036						22,013	33	10,627	33	3,795	6,832
Monkey pot		<i>Lecythis zabucajo</i>	13,013	3,036	1,518	1,518					759	19,844	40	6,832	37	2,277	4,554
Kirikaua		<i>Iryanthera spp.</i>	13,013									13,013	57				
Dukalli		<i>Parahancornia fasciculata</i>	7,591	759	1,518						759	10,627	56	3,036	48	1,518	1,518
Kurahara		<i>Calophyllum lucidum</i>	3,795			759						4,554	85	759	100	759	
Manni		<i>Symphonia globulifera</i>		1,518	1,518			759				3,795	51	3,795	51	759	3,036
Karohoro		<i>Schefflera spp.</i>		759	759							1,518	70	1,518	70		1,518
Ubudi		<i>Anacardium giganteum</i>								759		759	100	759	100	759	
<b>Sub-total (2)</b>			<b>2,127,579</b>	<b>156,586</b>	<b>84,583</b>	<b>37,954</b>	<b>15,181</b>	<b>7,591</b>	<b>5,314</b>	<b>3,036</b>	<b>2,437,824</b>	<b>15</b>	<b>310,245</b>	<b>12</b>	<b>100,089</b>	<b>210,155</b>	
Trysil		<i>Pentaclethra macroloba</i>	779,136	1,518	759							781,413	18	2,277	74		2,277
Kauta		<i>Licania spp.</i>	535,148	6,073	1,518							542,739	20	7,591	37	5,314	2,277
Kakaralli others		<i>Eschweilera spp.</i>	504,243	13,663	7,591	759	1,518					527,774	21	23,531	27	12,145	11,386
Kakaralli black		<i>Eschweilera subglandulosa</i>	413,696	35,677	11,386	7,591	759	1,518				470,626	19	56,931	21	25,049	31,881
Watapa		<i>Eperua rubiginosa</i>	120,368	6,398	2,603	1,518						130,886	72	10,519	50	759	9,760
Marishiballi		<i>Licania spp.</i>	108,981	1,518								110,500	40	1,518	100		1,518
Sarebebeballi		<i>Vouacapaoua macropetala</i>	87,294	10,627	5,314	759				759		104,752	68	17,459	71	1,518	15,941
Korokororo		<i>Omosia coutinhoi</i>	60,726	14,422	9,868	3,036	4,554					92,607	34	31,881	24	9,868	22,013
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	79,703	3,795	2,277		759					86,535	47	6,832	70	3,795	3,036
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	72,112	3,795	2,277	1,518						79,703	28	7,591	40	3,036	4,554
Maho		<i>Sterculia spp.</i>	68,317	4,554				1,518				74,389	33	6,073	37	3,795	2,277
Kakaralli wina		<i>Lecythis corrugata</i>	60,184	5,314	5,964	1,084						72,546	67	12,362	72	9,760	2,603



Species	Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Quality (40cm+)
Cedar white		<i>Tabeuia insignis</i> v. <i>monophylla</i>	56,931	6,073	759						63,762	49	6,832	58	4,554
Wadara		<i>Couratou</i> spp.	49,340	3,036	759	759	1,518	1,518			59,967	52	10,622	35	2,277
Burada		<i>Panaria campestris</i>	37,954	759	3,795	1,518	759	759			46,304	44	8,350	29	6,073
Asepoko		<i>Pouteria guianensis</i>	37,954	759	3,795	759					39,472	36	1,518	70	1,518
Duka		<i>Tapiria marchandii</i>	34,158	3,795	759						38,713	31	4,554	38	4,554
Inyek		<i>Antonia ovata</i>	37,954								37,954	45			
Kokoriballi		<i>Ichthyophora elegans</i> : <i>Oxythece</i> spp.: <i>Panchonella</i> <i>elegans</i> : <i>Pouteria</i> spp.	34,158	1,518	2,277						37,954	32	3,795	42	3,036
Futu		<i>Jacaranda copaya</i>	34,158	2,277	759						37,195	43	3,036	48	2,277
Kakaralli guava skin		<i>Eschweilera alata</i>	30,363	759	1,518						31,122	47	3,795	82	3,795
Hitaraballi		<i>Alexa</i> spp.	26,568	759	1,518						30,363	90	3,795	82	3,795
Asepoballi		<i>Pouteria jemanii</i>	26,568	759	759						28,086	39	1,518	70	1,518
Kamahora		<i>Pouteria</i> spp.	26,568	759	759						27,327	56	759	100	759
Kakaralli fine leaf		<i>Eschweilera grata</i>	20,603	1,518							22,122	49	1,518	70	1,518
Hachballi		<i>Pera</i> spp.	15,181								16,266	56	1,084	100	1,084
Dukuria		<i>Sacoglottis guianensis</i>	11,386	2,277					1,084		13,663	62	2,277	56	1,518
Wallaba itun		<i>Campsiandra comosa</i> : <i>Eperua</i> spp.	11,386	1,518	759						13,663	51	2,277	74	2,277
Hurusasa		<i>Abarema jupunba</i>	3,795	2,277	3,036	759					9,868	50	6,073	37	1,518
Koroballi		<i>Hymenobolium</i> spp.	7,591	759							8,350	91	759	100	759
Hawasa		<i>Frotium</i> spp.	7,591								7,591	70			759
Kautia fine leaf		<i>Licania</i> spp.	7,591								7,591	100			
Maho smooth leaf		<i>Sterculia pruriens</i>	7,591								7,591	70			
Barakoro		<i>Omosia</i> spp.	3,795	1,518	759	759					6,832	80	3,036	70	2,277
Haudan		<i>Lecythis</i> spp.	3,795	759	1,518	759					6,832	58	3,036	48	1,518
Heballi		<i>Vochysia</i> spp.	3,795	2,277	759						6,832	65	3,036	78	2,277
Wedara broad leaf		<i>Couratou</i> spp.	5,422								5,422	100			
Bat seed		<i>Andira</i> spp.	3,795			759					4,554	85	759	100	759
Burma		<i>Pourouma</i> spp.	3,795								4,554	85	759	100	759
Cow wood		<i>Bagassa guianensis</i>	3,795	759							4,554	85	759	100	759
Fukadi		<i>Buchanavia</i> spp.	3,795	759							4,554	85	759	100	759
Asepokoballi fine leaf		<i>Pouteria carmito</i>	3,795								3,795	100			759
Fukadi swamp		<i>Terminalia</i> spp.	3,795								3,795	100			759
Darfna		<i>Hymenobolium flavum</i>	3,795			759	759				2,277	74	2,277	74	1,518
Uya		<i>Parika ulai</i>				759	759				1,518	70	1,518	70	759
Hawaballi		<i>Protium tenuifolium</i>		759							759	100	759	100	759
Sawan		<i>Caryocarpus nuciferum</i>		759							759	100	759	100	759
Suradan		<i>Hieronyma alchorneoides</i>		759							759	100	759	100	759
Wedara fine leaf		<i>Couratou multiflora</i>		759							759	100	759	100	759
<b>Sub-total (3)</b>			<b>3,454,876</b>	<b>140,754</b>	<b>73,847</b>	<b>20,820</b>	<b>14,422</b>	<b>7,157</b>	<b>4,554</b>	<b>1,518</b>	<b>3,717,949</b>	<b>7</b>	<b>263,074</b>	<b>11</b>	<b>106,162</b>
Unknown			795,944	9,109	8,350	1,518	2,277	2,277	2,277		819,476	21	23,531	28	6,073
Myrciata spp.			541,112								541,112	23			17,459
Manicole		<i>Euterpe oleracea</i>	333,451								333,451	32			
Wataballi		<i>Tapura guianensis</i>	328,029								328,029	20			
Kautaballi		<i>Licania</i> spp.	280,858	12,145	3,795						296,798	16	15,941	27	9,109
Kaditri		<i>Scerolobium guianensis</i>	210,372								211,131	47	759	100	759
Kuyama		<i>Licania heteromorpha</i> : <i>Xylopia nitida</i> : X. spp.	201,155								208,746	25	7,591	55	6,832
Warakosa		<i>Inga</i> spp.	181,636								186,949	17	5,314	45	5,314
Mabura			152,899	1,518	759						153,658	54	759	100	759
Turu		<i>Jessenia batava</i>	110,066								110,066	42			
Moraballi		<i>Pouteria muniflora</i>	91,089	6,832	3,036						100,957	60	9,868	39	1,518
Arara		<i>Bocageopsis multiflora</i> : <i>Guatiera</i> spp.: <i>Unonopsis</i> <i>glaucoptata</i>	91,089	1,518							92,607	28	1,518	70	1,518
Shiballidan		<i>Hebepetalum humifolium</i>	91,089								91,848	45	759	100	759
Iron Mary		<i>Clathrotropis paradoxa</i>	91,089								91,089	61			
Arara fine leaf		<i>Guatiera schomburgkiana</i>	87,294								88,378	38	1,084	100	1,084

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Table tree		<i>Cordia exaltata</i>	81,329										81,329	34				
Silverballi Gingergale		<i>Aniba spp.</i>	75,907	2,277	1,518								79,703	65	3,795	51	759	3,036
Maddabori		<i>Clusia spp.</i>	72,112	759									72,871	84	759	100	759	
Arara smooth skin		<i>Guatteria atra</i>	72,112										72,112	36				
Imiriaballi		<i>Chamaecrista adaintifolia</i>	68,317									759	69,076	47	759	100		759
Awasokule		<i>Tovomita spp.</i>	64,521										64,521	33				
Taparau		<i>Myrciaria vismeifolia</i>	49,340										49,340	92				
Silverballi		<i>Ocotea spp.</i>	47,171			759				759			48,689	48	1,518	70	1,518	
Yarri yarri		<i>Duguetia spp.</i>	43,376										43,376	36				
Aruadan		<i>Sloania/Couepia spp.</i>	37,954		759								38,713	40	759	100		759
Corkwood		<i>Pterocarpus officinalis</i>	37,954										37,954	53				
Barabara		<i>Diospyros spp.</i>	34,158	759	759								35,677	50	1,518	70	759	759
Kakarua		<i>Pradosia schomburgkii</i>	34,158	759									34,917	71	759	100		759
Asashi		<i>Rheedia spp.</i>	34,158										34,158	44				
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>	34,158										34,158	46				
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	26,568	2,277	1,518	3,036						759	34,158	42	7,591	37	2,277	5,314
Buruburuli		<i>Licania spp.</i>	30,363	2,277									33,399	61	3,036	60	3,036	
Adebero		<i>Paypayrola longifolia</i>	30,363										30,363	41				
Duru		<i>Apeiba spp.</i>	26,568	3,036	759								30,363	52	3,795	51	1,518	2,277
Serebedan		<i>Swartzia spp.</i>	26,568										26,568	57				
Greenheart gale		<i>Aniba excelsa</i>	22,772										22,772	45				
Kulishiri white			22,772										22,772	45				
Wild Guava		<i>Calycopus goetheanus</i>	22,772										22,772	51				
Ruri red skin			22,772										22,772	70				
Waruwai			22,772										22,772	100				
Maho rough leaf		<i>Xylosterculia rugosa</i>	16,808	2,277	759								19,844	43	3,036	48	3,036	
Komaramara		<i>Duroia eriopila</i>	18,977									759	19,736	56	759	100		759
Silverballi sawari skin		<i>Ocotea canaliculata</i>	18,977	759									19,736	63	759	100	759	
Akarako		<i>Marierea schomburgkiana</i>	18,977										18,977	65				
Kamakuti		<i>Bombax spp.</i>	18,977										18,977	65				
Kudibiushi		<i>Micropholis venulosa</i>	18,977										18,977	51				
Manobodin		<i>Emmotum spp.</i>	18,977										18,977	51				
Congo pump		<i>Cecropia spp.</i>	15,181	1,084									16,266	56	1,084	100		1,084
Arara broad leaf			15,181										15,181	60				
Arrow Palm			15,181										15,181	100				
Kumaramara			15,181										15,181	48				
Maburilli		<i>Maburea trinervis</i>	15,181										15,181	60				
Shirada		<i>Inga laterifolia</i>	15,181										15,181	60				
Warakaoro		<i>Laetia pocera</i>	11,386		1,518	759							13,663	48	2,277	74	2,277	
Maniquiniballi		<i>Geissospermum spp.</i>	11,386	1,518									12,904	100	1,518	100		1,518
Antswood		<i>Cordia nodosa</i>	11,386										11,386	74				
Buradiye		<i>Nectandra grandis</i>	11,386										11,386	74				
Silverballi Almond Gale		<i>Aniba citrifolia</i>	11,386										11,386	74				
Ite Palm		<i>Mauritia flexuosa</i>	11,386										11,386	100				
Kwako		<i>Marierea montana</i>	11,386										11,386	100				
Apoukito		<i>Chamaecrista apoucouita</i>	7,591	759	1,518								9,868	92	2,277	74		2,277
Parakusan		<i>Swartzia jenmanii</i>	3,795	2,277	1,518		1,518						9,109	49	5,314	50	1,518	3,795
Kakotaro		<i>Ilex martiniana</i>	7,591	759	759								9,109	59	1,518	70	759	759
Awati		<i>Maprounea guianensis</i>	7,591										7,591	70				
Banyaballi		<i>Eugenia spp.</i>	7,591										7,591	100				
Johnbacai			3,795	2,277	759	759							7,591	64	3,795	82	759	3,036
Karampai		<i>Annona haematantha</i>	7,591										7,591	100				
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>	7,591										7,591	70				
Komaramaraballi		<i>Amaloua guianensis</i>	7,591										7,591	70				
Konoko		<i>Licania cuprea; Pouteria engleri</i>	7,591										7,591	70				



Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Kulishiri hairy black	<i>Cupania spp.</i>	7,591								7,591	70				
Laukididan		7,591								7,591	100				
Lu Palm	<i>Oenocarpus bacaba</i>	7,591								7,591	70				
Mabwa	<i>Himatanthus spp.</i>	7,591								7,591	70				
Okokonshi	<i>Lacunaria spp.; Quiina spp.</i>	7,591								7,591	70				
Fokoroko	<i>Macoubea guianensis</i>	7,591								7,591	70				
Silverballi boradia		7,591								7,591	100				
Waraia	<i>Miconia punctata</i>	7,591								7,591	70				
Yaridan		7,591								7,591	100				
Baburia		5,422								5,422	100				
Aimorakushi	<i>Pouteria cladantha</i>	3,795		759						4,554	85	759	100	759	
Barataballi	<i>Ecclinusa sanguinolenta</i>	3,795	759							4,554	85	759	100		759
Kaiarima	<i>Maytenus spp.</i>	3,795		759						4,554	85	759	100		759
Koraro		3,795		759						4,554	85	759	100	759	
Almond	<i>Prunus dulcis</i>	3,795								3,795	100				
Baririkuti	<i>Mabea piriri</i>	3,795								3,795	100				
Birdhead		3,795								3,795	100				
Curry tree	<i>Pogonophora schomburgkiana</i>	3,795								3,795	100				
Hakiaballi	<i>Vitex spp.</i>	3,795								3,795	100				
Hikuribianda		3,795								3,795	100				
Hishirudan	<i>Dulacia guianensis; Platymiscium trinitatis</i>	3,795								3,795	100				
Ishuradan		3,795								3,795	100				
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>	3,795								3,795	100				
Kanakudiballi	<i>Alchornea triplinervia; Alchorneaopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	3,795								3,795	100				
Karababalli	<i>Guarea guidonia</i>	3,795								3,795	100				
Karapai		3,795								3,795	100				
Kokorite	<i>Attalea regia</i>	3,795								3,795	100				
Koyechi		3,795								3,795	100				
Kurahya		3,795								3,795	100				
Lapani		3,795								3,795	100				
Maho black	<i>Rollinia exsucca</i>	3,795								3,795	100				
Pasture tree	<i>Trymatococcus paraensis</i>	3,795								3,795	100				
Sandpaper tree	<i>Curatella americana</i>	3,795								3,795	100				
Wakau	<i>Sapium jenmanii</i>	3,795								3,795	100				
Wild Cherry	<i>Eugenia patrisii</i>	3,795								3,795	100				
Yawaredan	<i>Sclerolobium spp.</i>	3,795								3,795	100				
Mora sand	<i>Dicymbe corymbosa; Talisia squarrosa</i>			1,518	759					2,277	56	2,277	56	759	1,518
Corkwood hill	<i>Pterocarpus rohrii</i>		1,843							1,843	71	1,843	71	1,084	759
Himoradan				1,518						1,518	70	1,518	70	759	759
Bokotokon	<i>Hirtella spp.</i>		759							759	100	759	100	759	
Huruasaballi			759							759	100	759	100		759
Kanoaballi	<i>Byrsonima stipulacea</i>		759							759	100	759	100	759	
Karamatakan				759						759	100	759	100		759
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>							759		759	100	759	100		759
Matamba	<i>Cedrela spp.</i>							759		759	100	759	100	759	
<b>Sub-total (4)</b>		<b>5,174,180</b>	<b>69,293</b>	<b>36,436</b>	<b>9,109</b>	<b>4,554</b>	<b>6,832</b>		<b>759</b>	<b>5,301,163</b>	<b>7</b>	<b>126,982</b>	<b>10</b>	<b>49,665</b>	<b>77,317</b>
<b>TOTAL</b>		<b>13,338,032</b>	<b>664,082</b>	<b>441,565</b>	<b>233,904</b>	<b>138,152</b>	<b>83,607</b>	<b>56,822</b>	<b>45,111</b>	<b>15,001,274</b>	<b>4</b>	<b>1,663,242</b>	<b>4</b>	<b>628,948</b>	<b>1,034,294</b>



**Appendix IV**

**NT -WF**

Stand table of Total stocking for WF (5726 ha, 10 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	34,356	10,307	5,153	4,008	1,718	1,145	573			57,260	35	22,904	30	12,025	10,879
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	42,945								42,945	86					
Bulletwood		<i>Manilkara bidentata</i>	2,863	573	573					573	4,581	100	1,718	100	573	1,145	
Cedar red		<i>Cedrela odorata</i>	2,863								2,863	100					
Letterwood		<i>Brosimum guianensis</i>	2,863								2,863	100					
Purpleheart		<i>Peltogyne spp.</i>	2,863								2,863	100					
<b>Sub-total (0)</b>			<b>88,753</b>	<b>10,879</b>	<b>5,726</b>	<b>4,008</b>	<b>1,718</b>	<b>1,145</b>	<b>573</b>	<b>573</b>	<b>113,375</b>	<b>47</b>	<b>24,622</b>	<b>30</b>	<b>12,597</b>	<b>12,025</b>	
Wamara		<i>Swartzia leiocalycina</i>	48,671	2,290	2,290						53,252	41	4,581	45	2,863	1,718	
Ulu		<i>Trattinickia spp.</i>	28,630			1,145					29,775	49	1,145	67	1,145		
Silverballi yellow		<i>Aniba hypoglauca</i>	20,041							573	20,614	54	573	100		573	
Itikiboroballi		<i>Swartzia spp.</i>	17,178	573	573						18,323	27	1,145	67	573	573	
Yarula		<i>Aspidosperma spp.</i>	8,589	3,436	3,436	573	1,145				17,178	39	8,589	42	5,153	3,436	
Shibadan		<i>Aspidosperma spp.</i>	14,315		573						14,888	42	573	100	573		
Wamaradan		<i>Dicorynia guianensis</i>	11,452	573	1,145	1,145					14,315	87	2,863	45	1,145	1,718	
Aromata		<i>Clathrotropis spp.</i>	8,589			573					9,162	51	573	100	573		
Crabwood		<i>Carapa spp.</i>	5,726	1,718							7,444	61	1,718	51	1,718		
Suya		<i>Pouteria speciosa</i>	5,726		573	573	573				7,444	100	1,718	100	1,145	573	
Tauroniro		<i>Humiria balsamifera</i>	2,863		573		573				4,008	71	1,145	67	1,145		
Mora		<i>Mora excelsa</i>	2,863	573							3,436	83	573	100		573	
Morabukea		<i>Mora gonggripui</i>	2,863								2,863	100					
Simarupa		<i>Quassia simarouba</i>		573		573		573			1,718	71	1,718	71	1,718		
Dalli		<i>Virola surinamensis &amp; sebifera</i>		1,145							1,145	100	1,145	100	573	573	
Tatabu		<i>Diplotropis purpurea</i>			573	573					1,145	100	1,145	100	573	573	
Dalli hill		<i>Virola longata</i>			573						573	100	573	100	573		
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>		573							573	100	573	100		573	
<b>Sub-total (1)</b>			<b>177,506</b>	<b>11,452</b>	<b>10,307</b>	<b>5,153</b>	<b>2,290</b>	<b>573</b>	<b>573</b>	<b>573</b>	<b>207,854</b>	<b>21</b>	<b>30,348</b>	<b>33</b>	<b>19,468</b>	<b>10,879</b>	
Wallaba soft		<i>Eperua falcata</i>	237,629	30,348	14,315	10,307	573	1,718		573	295,462	17	57,833	25	25,767	32,066	
Baromalli		<i>Catostemma spp.</i>	200,410	2,863	573						203,846	33	3,436	37	2,290	1,145	
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	188,958	5,153	573	573					195,257	35	6,299	34	4,581	1,718	
Silverballi wabima		<i>Licaria cayennensis</i>	57,260								57,260	63					
Silverballi kereti		<i>Ocotea spp.</i>	22,904		573						23,477	56	573	100		573	
Baromalli common		<i>Catostemma commune</i>	17,178								17,178	100					
Kurokai		<i>Protium decandrum</i>	11,452		573						12,025	63	573	100		573	
Maporokon		<i>Inga alba</i>	5,726			573					6,299	90	573	100	573		
Pakuri		<i>Platonia insignis</i>	5,726								5,726	67					
Manni		<i>Symphonia globulifera</i>	2,863	573	1,145						4,581	64	1,718	71	1,145	573	
Dukalli		<i>Parahancornia fasciculata</i>			573		573				1,145	67	1,145	67	1,145		
Karohoro		<i>Schefflera spp.</i>			573						573	100	573	100	573		
Monkey pot		<i>Lecythis zabucajo</i>			573						573	100	573	100		573	
<b>Sub-total (2)</b>			<b>750,106</b>	<b>38,937</b>	<b>19,468</b>	<b>11,452</b>	<b>1,145</b>	<b>1,718</b>	<b>573</b>	<b>573</b>	<b>823,399</b>	<b>10</b>	<b>73,293</b>	<b>23</b>	<b>36,074</b>	<b>37,219</b>	
Dakama		<i>Dimorphandra conjugata</i>	306,341	12,025	9,162	4,008	2,290		1,718		335,544	84	29,203	87	1,718	27,485	
Kauta		<i>Licania spp.</i>	123,109	573							123,682	38	573	100	573		
Marishiballi		<i>Licania spp.</i>	97,342								97,342	28					
Barakaro		<i>Ormosia spp.</i>	37,219								37,219	53					
Kakaralli wina		<i>Lecythis corrugata</i>	34,356	2,290	573						37,219	67	2,863	80	2,290	573	
Limonaballi		<i>Chrysophyllum pomiferum</i>	25,767	573	573						26,912	100	1,145	100		1,145	
Asepoko		<i>Pouteria guianensis</i>	22,904	573	573						24,049	83	1,145	100		1,145	
Kakaralli others		<i>Eschweilera spp.</i>	22,904		573						23,477	85	573	100		573	
Cedar white		<i>Tabebuia insignis v. monophylla</i>	17,178	2,863	573						20,614	62	3,436	51	1,145	2,290	
Kakaralli black		<i>Eschweilera subglandulosa</i>	20,041		573						20,614	61	573	100	573		
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	14,315	573							14,888	69	573	100	573		

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)							
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect				
Korokoro	<i>Ormosia coutinhoi</i>	2,863	2,290	1,718	573							573		8,016	57	5,153	42	1,145	4,008
Inyek	<i>Antonia ovata</i>	5,726	573	573										6,871	83	1,145	100	573	573
Cow wood	<i>Bagassa guianensis</i>	2,863			573									3,436	100	573	100		573
Duka	<i>Tapirira marchandii</i>	2,863	573											3,436	83	573	100		573
Kororoballi	<i>Hymenobium spp.</i>	2,863									573			3,436	83	573	100		573
Burada	<i>Parinari campestris</i>	2,863												2,863	100				
Dukaliballi	<i>Brosimum rubescens</i>	2,863												2,863	100				
Futu	<i>Jacaranda copaia</i>	2,863												2,863	100				
Kakaralli fine leaf	<i>Eschweilera grata</i>	2,863												2,863	100				
Huruasa	<i>Abarema lupunba</i>		573	573	1,145									2,290	55	2,290	55		2,290
Haiawa	<i>Protium spp.</i>				573									573	100	573	100		573
Wadara	<i>Couratari spp.</i>				573									573	100	573	100		573
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>		573											573	100	573	100		573
<b>Sub-total (3)</b>		<b>750,106</b>	<b>24,049</b>	<b>15,460</b>	<b>7,444</b>	<b>2,290</b>	<b>573</b>	<b>573</b>	<b>1,718</b>	<b>573</b>	<b>1,718</b>	<b>573</b>	<b>1,718</b>	<b>802,213</b>	<b>32</b>	<b>52,107</b>	<b>50</b>	<b>9,162</b>	<b>42,945</b>
Kamakuti	<i>Bombax spp.</i>	197,547												197,547	47				
Kakarua	<i>Pradosia schomburgkii</i>	163,191	8,016	1,145										172,353	37	9,162	58	1,145	8,016
Moraballi	<i>Pouteria multiniflora</i>	114,520	12,025	3,436	573									130,553	28	16,033	30	5,726	10,307
Unknown		120,246												121,391	43	1,145	67	573	573
Mora sand	<i>Diclyme corymbosa; Talisia squarrosa</i>													114,520	80	17,178	59	6,871	10,307
Konoko	<i>Licania cuprea; Pouteria engleri</i>	97,342	9,162	5,726	1,145	573	573							97,342	64				
Kautaballi	<i>Licania spp.</i>	74,438	2,863	573										77,874	42	3,436	57		3,436
Waiaballi	<i>Tapura guianensis</i>	71,575												71,575	29				
Maddabori	<i>Clusia spp.</i>	54,397												54,397	36				
Manobodin	<i>Emmotum spp.</i>	51,534			573									52,107	99	573	100		573
Awasokule	<i>Tomomita spp.</i>	51,534												51,534	57				
Unikiakia	<i>Licania spp.</i>	45,808												45,808	100				
Arara smooth skin	<i>Guatteria atra</i>	28,630												28,630	47				
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>	28,630												28,630	60				
Yekoro	<i>Endlicheria punctulata; Licania vernicosa; Ocotea spp.</i>	28,630												28,630	70				
Buruburuli	<i>Licania spp.</i>	22,904	1,718											24,622	50	1,718	100		1,718
Iimiriballi	<i>Chamaecrista adamantifolia</i>	22,904	573	573										24,049	70	1,145	100		1,145
Manariballi	<i>Elizabetha princeps; Pithecellobium spp.</i>	20,041			573									20,614	58	573	100		573
Ite Palm	<i>Mauritia flexuosa</i>	20,041												20,041	100				
Kuyama	<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	20,041												20,041	57				
Asashi	<i>Rhedia spp.</i>	8,589	573											9,162	47	573	100		573
Silverballi	<i>Ocotea spp.</i>	8,589	573											9,162	66	573	100		573
Bartaballi	<i>Ecclinusa guianensis</i>	8,589												8,589	71				
Hikuribianda		8,589												8,589	51				
Kaditiri	<i>Sclerolobium guianensis</i>	8,589												8,589	71				
Iimiria		8,589												8,589	100				
Wakarua		8,589												8,589	100				
Parakusan	<i>Swartzia jenmanii</i>	5,726	1,145	573										7,444	67	1,718	71	573	1,145
Silverballi Gingergale	<i>Aniba spp.</i>	5,726	573											6,299	67	573	100		573
Yakoro		5,726			573									6,299	90	573	100		573
Barata		5,726												5,726	100				
Hicha	<i>Byrsonima spicata</i>	5,726												5,726	100				
Komaramara	<i>Duroia eriopila</i>	5,726												5,726	67				
Okokonshi	<i>Lacunaria spp.; Quinia spp.</i>	5,726												5,726	67				
Rokoroko	<i>Macoubea guianensis</i>	5,726												5,726	100				
Silverballi Almond Gale	<i>Aniba citrifolia</i>	2,863												5,153	67	2,290	100		573
Congo pump	<i>Cecropia spp.</i>	2,863			1,145									3,436	83	573	100		573
Adebero	<i>Paypayroia longifolia</i>	2,863			573									2,863	100				



Species	Common name	Botanical name	Diameter class (cm)										Quality (40cm+)					
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
	Arara fine leaf	<i>Guatteria schomburgkiana</i>	2,863										2,863	100	-			
	Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	2,863										2,863	100	-			
	Barabara	<i>Diospyros</i> spp.	2,863										2,863	100	-			
	Barataballi	<i>Ecclinusa sanguinolenta</i>	2,863										2,863	100	-			
	Bokotokon	<i>Hirtella</i> spp.	2,863										2,863	100	-			
	Halchiballi	<i>Ipomoea phillomega</i>	2,863										2,863	100	-			
	Hurihi	<i>Humiriastrum obovata</i>	2,863										2,863	100	-			
	Kaiarima	<i>Maytenus</i> spp.	2,863										2,863	100	-			
	Karababalli	<i>Guarea guidonia</i>	2,863										2,863	100	-			
	Kudibiushi	<i>Micropholis venulosa</i>	2,863										2,863	100	-			
	Kulishiri hairy black	<i>Cupania</i> spp.	2,863										2,863	100	-			
	Kumaramara		2,863										2,863	100	-			
	Lu Palm	<i>Oenocarpus bacaba</i>	2,863										2,863	100	-			
	Maburia		2,863										2,863	100	-			
	Mahikaballi		2,863										2,863	100	-			
	Maho rough leaf	<i>Xylosterculia rugosa</i>	2,863										2,863	100	-			
	Manicole	<i>Euterpe oleracea</i>	2,863										2,863	100	-			
	Shiballidan	<i>Hebepetalum humiriifolium</i>	2,863										2,863	100	-			
	Shirada	<i>Inga laterifolia</i>	2,863										2,863	100	-			
	Table tree	<i>Cordia exaltata</i>	2,863										2,863	100	-			
	Warunana	<i>Hortia regia</i>	2,863										2,863	100	-			
	Wild Cherry	<i>Eugenia patrisii</i>	2,863										2,863	100	-			
	Blackheart	<i>Acosmium praecleara</i>		573	573								1,145	100	1,145	100	1,145	
	Warakosa	<i>Inga</i> spp.		573	573								1,145	67	1,145	67	573	
	Koyechiballi	<i>Lueheopsis rugosa</i>		573									573	100	573	100	573	
	Ruri	<i>Chaetocarpus</i> spp.		573									573	100	573	100	573	
	Silverballi sawari skin	<i>Ocotea canaliculata</i>			573								573	100	573	100	573	
	<b>Sub-total (4)</b>		<b>1,523,116</b>	<b>39,509</b>	<b>16,033</b>	<b>3,436</b>	<b>2,290</b>	<b>573</b>					<b>1,584,957</b>	<b>14</b>	<b>61,841</b>	<b>17</b>	<b>21,186</b>	<b>40,655</b>
	<b>TOTAL</b>		<b>3,289,587</b>	<b>124,827</b>	<b>66,994</b>	<b>31,493</b>	<b>9,734</b>	<b>4,581</b>	<b>1,145</b>	<b>3,436</b>	<b>3,531,797</b>	<b>7</b>	<b>242,210</b>	<b>11</b>	<b>98,487</b>	<b>143,723</b>		



**Appendix IV**

**BA - MGK**

Stand table of Basal area (m2/ha) for MGK (56373 ha, 74 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	.46	.37	.47	.42	.30	.18	.12	.06	2.38	9	1.92	10	.89	1.03
Bulletwood		<i>Manilkara bidentata</i>	.03	.03	.03	.01	.01	.02	.01	.04	.18	24	.14	25	.08	.06
Purpleheart		<i>Peltogyne spp.</i>	.01	.01	.00	.00	.02	.01	.01	.06	.13	27	.12	30	.05	.07
Letterwood		<i>Brosimum guianensis</i>	.02	.00	.00						.02	37	.01	73	.01	
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	.01	.00	.00	.00	.01				.02	41	.02	51	.01	.01
Purpleheart saka		<i>Peltogyne venosa</i>	.00	.00	.00						.01	46	.01	58	.01	.00
Cedar red		<i>Cedrela odorata</i>	.01								.01	100				
<b>Sub-total (0)</b>			<b>.54</b>	<b>.41</b>	<b>.51</b>	<b>.44</b>	<b>.33</b>	<b>.21</b>	<b>.14</b>	<b>.17</b>	<b>2.76</b>	<b>9</b>	<b>2.22</b>	<b>9</b>	<b>1.04</b>	<b>1.17</b>
Mora		<i>Mora excelsa</i>	.34	.22	.29	.26	.35	.25	.19	.49	2.39	12	2.05	12	.40	1.64
Wamara		<i>Swartzia leiocalycina</i>	.70	.33	.20	.07	.02	.02		.01	1.36	8	.66	9	.27	.39
Wamaradan		<i>Dicorynia guianensis</i>	.20	.13	.21	.21	.19	.16	.12	.09	1.32	9	1.12	9	.60	.52
Crabwood		<i>Carapa spp.</i>	.54	.19	.15	.08	.02	.01	.01		1.01	14	.46	14	.25	.21
Aromata		<i>Clathrotropis spp.</i>	.27	.09	.05	.04					.45	13	.18	16	.07	.11
Morabukea		<i>Mora gonggrijpii</i>	.05	.05	.08	.06	.05	.02	.02	.03	.35	39	.30	40	.09	.22
Suya		<i>Pouteria speciosa</i>	.08	.06	.08	.04	.03	.02			.33	30	.24	32	.19	.05
Yarula		<i>Aspidosperma spp.</i>	.10	.04	.05	.03	.05	.02	.02		.31	16	.21	17	.13	.08
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	.08	.02	.03	.05	.02	.04			.24	19	.16	25	.05	.11
Tauroniro		<i>Humiria balsamifera</i>	.07	.04	.02	.01					.15	64	.07	92	.04	.03
Itikiborballi		<i>Swartzia spp.</i>	.10	.02	.01						.14	15	.03	29	.01	.02
Ulu		<i>Trattinickia spp.</i>	.02	.00	.00	.00	.01	.02	.01	.01	.08	29	.06	38	.02	.04
Simarupa		<i>Quassia simarouba</i>		.01	.01		.02	.01	.01		.05	33	.05	33	.02	.03
Dalli hill		<i>Virola longata</i>	.03	.00						.02	.05	54	.02	79	.02	
Silverballi yellow		<i>Aniba hypoglauca</i>	.01	.01	.01	.00	.01			.01	.05	35	.04	44	.02	.01
Shibadan		<i>Aspidosperma spp.</i>	.03	.00	.00	.01					.05	32	.02	53	.01	.02
Dalli		<i>Virola surinamensis &amp; sebifera</i>	.03	.01				.01			.04	40	.01	61	.01	.00
Locust		<i>Hymenaea spp.</i>	.00	.00		.00		.01			.02	52	.02	56	.01	.00
Tatabu		<i>Diplotropis purpurea</i>	.01	.00							.01	54	.00	100	.00	
Dalli swamp		<i>Virola spp.</i>	.00	.00		.00					.01	64	.01	70	.01	
Manniballi		<i>Moronobea coccinea</i>	.01	.00							.01	58	.00	100		.00
Hububalli		<i>Loxopterygium sagotii</i>			.01						.01	70	.01	70	.00	.00
Hakia		<i>Tabebuia spp.</i>	.00								.00	100				
Washiba		<i>Tabebuia spp.</i>	.00								.00	100				
<b>Sub-total (1)</b>			<b>2.68</b>	<b>1.23</b>	<b>1.20</b>	<b>.88</b>	<b>.78</b>	<b>.60</b>	<b>.38</b>	<b>.66</b>	<b>8.41</b>	<b>4</b>	<b>5.73</b>	<b>5</b>	<b>2.23</b>	<b>3.50</b>
Wallaba soft		<i>Eperua falcata</i>	.86	.48	.47	.40	.23	.12	.08	.06	2.70	9	1.84	9	.56	1.29
Baromalli		<i>Catostemma spp.</i>	.67	.09	.07	.03	.01	.02			.89	14	.22	19	.15	.07
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	.27	.05	.05	.03	.01				.41	16	.14	20	.08	.06
Kurokai		<i>Protium decandrum</i>	.14	.03	.02						.19	18	.05	25	.02	.03
Silverballi kereti		<i>Ocotea spp.</i>	.09	.03	.02	.03					.17	18	.07	22	.01	.06
Monkey pot		<i>Lecythis zabucajo</i>	.02	.02	.02	.02	.01		.02		.11	28	.09	33	.02	.06
Maporokon		<i>Inga alba</i>	.02	.02	.02	.01	.01	.01			.09	29	.07	25	.04	.03
Dukalli		<i>Parahancornia fasciculata</i>	.02	.01	.01	.01		.02			.06	28	.05	34	.02	.03
Manni		<i>Symphonia globulifera</i>	.03	.01	.01	.00	.01				.05	30	.02	40	.01	.01
Karohoro		<i>Schefflera spp.</i>	.02	.00	.01	.01					.04	36	.02	51	.00	.02
Ubudi		<i>Anacardium giganteum</i>	.00		.00	.00			.01		.02	52	.02	62		.02
Silverballi wabima		<i>Licaria cayennensis</i>	.01								.01	55				
Kurahara		<i>Calophyllum lucidum</i>		.00	.00						.00	71	.00	71	.00	
Pakuri		<i>Platonia insignis</i>	.00		.00						.00	75	.00	100	.00	
Kirikaua		<i>Iryanthera spp.</i>	.00								.00	57				
Baromalli common		<i>Catostemma commune</i>	.00								.00	100				
<b>Sub-total (2)</b>			<b>2.14</b>	<b>.73</b>	<b>.71</b>	<b>.55</b>	<b>.28</b>	<b>.16</b>	<b>.10</b>	<b>.06</b>	<b>4.74</b>	<b>7</b>	<b>2.60</b>	<b>7</b>	<b>.93</b>	<b>1.67</b>

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
	Sarebebeballi	<i>Vouacapoua macropetala</i>	.61	.26	.26	.11	.06	.03	.01				1.34	25	.73	26	.01	.72
	Kakaralli black	<i>Eschweilera subglandulosa</i>	.79	.22	.17	.05	.01	.01					1.25	12	.46	15	.20	.26
	Kakaralli wirimiri	<i>Lecythis confertiflora</i>	.35	.10	.04	.02	.01						.51	16	.16	20	.10	.06
	Kakaralli others	<i>Eschweilera spp.</i>	.24	.05	.04	.05	.02					.01	.40	30	.16	31	.08	.07
	Kakaralli smooth leaf	<i>Eschweilera spp.</i>	.20	.08	.05	.03							.35	20	.15	20	.09	.06
	Kauta	<i>Licania spp.</i>	.29	.03	.01	.00							.33	13	.04	33	.01	.03
	Trysil	<i>Pentaclethra macroloba</i>	.30	.00									.30	22	.00	100		.00
	Korokororo	<i>Ormosia coutinhoi</i>	.08	.04	.04	.02	.01	.01					.20	23	.12	27	.04	.08
	Burada	<i>Parinari campestris</i>	.08	.02	.03	.02	.02	.01				.01	.18	37	.10	30	.07	.03
	Marishiballi	<i>Licania spp.</i>	.12	.03	.01	.00						.01	.18	42	.05	53	.04	.01
	Sawari	<i>Caryocar nuciferum</i>	.02	.00	.01	.01				.02	.02	.05	.14	27	.12	28	.04	.08
	Kakaralli wina	<i>Lecythis corrugata</i>	.08	.02	.02	.01	.01						.13	24	.06	33	.03	.03
	Asepoko	<i>Pouteria guianensis</i>	.08	.00	.01	.01						.01	.11	27	.03	52	.01	.02
	Futui	<i>Jacaranda copaia</i>	.06	.01	.01	.01	.01						.10	35	.04	45	.02	.02
	Cedar white	<i>Tabebuia insignis v. monophylla</i>	.04	.01	.02	.01	.01				.01		.10	29	.05	36	.02	.04
	Duka	<i>Tapirira marchandii</i>	.05	.02	.01								.08	27	.03	30	.01	.02
	Huruasa	<i>Abarema jupunba</i>	.02	.01	.02	.01			.01	.02			.08	31	.06	32	.03	.03
	Watapa	<i>Eperua rubiginosa</i>	.05	.01	.01	.01							.08	82	.03	93	.01	.03
	Wadara	<i>Couratari spp.</i>	.03	.01	.01	.01	.02						.08	29	.04	31	.02	.02
	Kakaralli fine leaf	<i>Eschweilera grata</i>	.06	.01									.07	54	.01	75		.01
	Kokoritiballi	<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	.04	.01	.01	.00	.01						.07	23	.03	34	.01	.02
	Buruma	<i>Pourouma spp.</i>	.05	.01	.00								.06	25	.02	38	.01	.01
	Maho	<i>Sterculia spp.</i>	.04	.00	.01								.06	28	.02	55	.01	.00
	Barakaro	<i>Ormosia spp.</i>	.03	.01		.00							.05	43	.02	54	.00	.02
	Maho smooth leaf	<i>Sterculia pruriens</i>	.03	.01	.01								.04	30	.02	40	.00	.02
	Haudan	<i>Lecythis spp.</i>	.02	.00	.01						.01		.04	39	.03	55	.03	
	Suradan	<i>Hieronyma alchorneoides</i>	.01	.01	.01	.00							.04	44	.02	43	.01	.02
	Inyek	<i>Antonia ovata</i>	.02			.00	.01						.03	65	.02	77	.01	.01
	Uya	<i>Parkia ulei</i>			.00	.01						.01	.03	57	.03	57	.02	.00
	Fukadi	<i>Buchenavia spp.</i>	.01	.00	.00	.01							.03	46	.01	52	.00	.01
	Kamahora	<i>Pouteria spp.</i>	.01	.01		.00							.02	48	.01	76	.00	.01
	Bat seed	<i>Andira spp.</i>	.01		.00					.01			.02	62	.01	78	.01	
	Cow wood	<i>Bagassa guianensis</i>	.00	.00	.01		.01						.02	46	.01	52	.01	.01
	Asepokoballi	<i>Pouteria jenmanii</i>	.01	.00									.02	42	.00	71		.00
	Hipanai	<i>Parkia pendula</i>		.00		.00	.01						.01	61	.01	61	.00	.01
	Haiawa	<i>Protium spp.</i>	.01										.01	60		-		
	Limonaballi	<i>Chrysophyllum pomiferum</i>	.01	.00									.01	54	.00	71	.00	.00
	Dukuria	<i>Sacoglottis guianensis</i>	.01	.00									.01	51	.00	71		.00
	Dakama	<i>Dimorphandra conjugata</i>								.01			.01	100	.01	100		.01
	Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>	.01										.01	84		-		
	Hachiballi	<i>Pera spp.</i>	.00		.01								.01	75	.01	100	.00	.00
	Darina	<i>Hymenolobium flavum</i>						.01					.01	100	.01	100		.01
	Asepokoballi fine leaf	<i>Pouteria caimito</i>	.01										.01	49		-		
	Dukaliballi	<i>Brosimum rubescens</i>	.00	.00		.00							.01	68	.01	75	.00	.00
	Fukadi hill	<i>Terminalia amazonia</i>	.00	.00	.00								.01	62	.00	72		.00
	Haiawaballi	<i>Protium tenuifolium</i>	.00		.00								.00	73	.00	100		.00
	Iteballi	<i>Vochysia spp.</i>				.00							.00	100	.00	100	.00	.00
	Wadara broad leaf	<i>Couratari spp.</i>				.00							.00	100	.00	100		.00
	Kauta fine leaf	<i>Licania spp.</i>	.00										.00	79		-		
	Wadara fine leaf	<i>Couratari multiflora</i>	.00										.00	71		-		
	Koraroballi	<i>Hymenolobium spp.</i>			.00								.00	100	.00	100		.00



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Manariballi black		<i>Parkia nitida</i>	.00										.00	100			
Kakaralli guava skin		<i>Eschweilera alata</i>	.00										.00	100			
<b>Sub-total (3)</b>			<b>3.91</b>	<b>1.01</b>	<b>.83</b>	<b>.44</b>	<b>.18</b>	<b>.08</b>	<b>.07</b>	<b>.13</b>	<b>6.65</b>	<b>6</b>	<b>2.74</b>	<b>9</b>	<b>.96</b>	<b>1.79</b>	
Kautaballi		<i>Licania spp.</i>	.55	.14	.06	.01	.01					.78	12	.23	14	.10	.13
Maburia			.53	.00								.54	17	.00	100	.00	
Unknown			.37	.05	.03	.04	.02				.02	.53	15	.16	22	.03	.13
Moraballi		<i>Pouteria minutiflora</i>	.11	.03	.03	.01	.01				.02	.22	25	.11	33	.02	.09
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	.21	.00		.01						.22	17	.01	52	.01	.01
Waiaballi		<i>Tapura guianensis</i>	.21	.00								.21	13	.00	100	.00	
Warakosa		<i>Inga spp.</i>	.16	.02	.01	.01	.01					.20	18	.05	35	.01	.04
Apoukito		<i>Chamaecrista apoucouita</i>	.13	.02	.02	.00		.01				.19	29	.06	40		.06
Silverballi sawari skin		<i>Ocotea canaliculata</i>	.03	.00	.02	.01	.02			.02	.02	.12	37	.09	49	.03	.06
Parakusan		<i>Swartzia jenmanii</i>	.00	.01		.02	.01				.02	.12	40	.11	41		.11
Congo pump		<i>Cecropia spp.</i>	.05	.04	.01	.00						.10	33	.06	43	.04	.01
Awasokule		<i>Tovomitia spp.</i>	.10	.00								.10	21	.00	100	.00	
Arara smooth skin		<i>Guatteria atra</i>	.10	.00								.10	39	.00	100	.00	
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	.04	.01	.01	.01	.01	.01				.10	28	.06	38	.03	.03
Aruadan		<i>Sloania/Couepia spp.</i>	.07	.01	.00	.01						.09	27	.02	41	.01	.01
Table tree		<i>Cordia exaltata</i>	.08	.00								.09	20	.00	100		.00
Shiballidan		<i>Hebepetalum humiriifolium</i>	.08	.00								.08	30	.00	100		.00
Taparaballi		<i>Myrciaria spp.</i>	.08									.08	30		-		
Arara fine leaf		<i>Guatteria schomburgkiana</i>	.07									.07	29		-		
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	.07	.00								.07	32	.00	100	.00	
Barabara		<i>Diospyros spp.</i>	.03	.02	.01	.00						.06	29	.03	37	.01	.01
Manicole		<i>Euterpe oleracea</i>	.06									.06	37		-		
Matamba		<i>Cedrela spp.</i>	.00		.00						.05	.06	70	.06	71	.03	.03
Buruburuli		<i>Licania spp.</i>	.03	.01	.01		.01					.05	31	.02	41	.01	.02
Manobodin		<i>Emmotum spp.</i>	.04	.00		.01		.01				.05	46	.02	60	.00	.01
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	.04	.01	.01							.05	49	.02	56	.01	.01
Ruri		<i>Chaetocarpus spp.</i>	.04	.01	.00							.05	34	.01	61	.00	.01
Warakaoro		<i>Laetia pocera</i>	.03	.01		.00						.05	37	.02	48	.01	.01
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	.04	.01		.00						.05	37	.01	53		.01
Turu		<i>Jessenia bataua</i>	.05									.05	36		-		
Duru		<i>Apeiba spp.</i>	.03	.01	.00	.00						.04	44	.01	61	.00	.01
Kokorite		<i>Attalea regia</i>	.04									.04	94		-		
Maho rough leaf		<i>Xylosterculia rugosa</i>	.03	.01	.00							.04	42	.01	50	.01	.00
Maddabori		<i>Clusia spp.</i>	.04									.04	74		-		
Konoko		<i>Licania cuprea; Pouteria engleri</i>	.02	.01	.00		.01					.04	34	.02	44	.01	.01
Ruri red skin			.02	.01	.01							.03	36	.01	46	.01	.00
Kudibushi		<i>Micropholis venulosa</i>	.03									.03	34		-		
Hakiaballi		<i>Vitex spp.</i>	.01	.00	.00	.00	.01			.01		.03	44	.03	50	.01	.01
Kaditiri		<i>Sclerolobium guianensis</i>	.01	.01	.00			.01				.03	38	.02	48		.02
Komaramara		<i>Duroia eriopila</i>	.02							.01		.03	46	.01	100		.01
Kakarua		<i>Pradosia schomburgkii</i>	.02	.01	.00							.03	65	.01	51	.00	.01
Kamakuti		<i>Bombax spp.</i>	.02			.00						.03	44	.00	100	.00	
Silverballi Gingergale		<i>Aniba spp.</i>	.02	.00			.01					.03	42	.01	100	.00	.01
Arara broad leaf			.02	.00								.03	40	.00	100	.00	
Silverballi		<i>Ocotea spp.</i>	.02	.00	.00							.03	35	.01	58		.01
Imirimia			.02	.01								.02	80	.01	79		.01
Greenheart gale		<i>Aniba excelsa</i>	.01	.00	.00		.01					.02	45	.01	80		.01
Aiomorakushi		<i>Pouteria cladantha</i>	.02	.00								.02	34	.00	100		.00



Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Asashi	<i>Rheedia spp.</i>	.02	.00							.02	27	.00	100	.00	
Devildoer tree	<i>Strychnos spp.</i>	.00			.01				.01	.02	61	.02	63		.02
Wakaradan	<i>Miconia spp.</i>	.02								.02	41		-		
Kaiarima	<i>Maytenus spp.</i>	.01	.00		.01					.02	63	.01	82		.01
Silverballi Almond Gale	<i>Aniba citrifolia</i>	.02	.00							.02	39	.00	100		.00
Hikuribianda		.02								.02	36		-		
Kanakudiballi	<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	.01	.00	.01						.02	41	.01	51	.01	.00
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>	.02								.02	44		-		
Kulishiri white		.01	.00							.02	38	.00	70	.00	.00
Lu Palm	<i>Oenocarpus bacaba</i>	.02								.02	41		-		
Aimoradan		.01	.00	.00						.02	63	.01	75	.00	.01
Adebero	<i>Paypayrola longifolia</i>	.02								.02	35		-		
Tureli	<i>Inga gracilifolia; Zygia racemosa</i>	.01	.00	.00						.02	39	.01	71	.00	.00
Serebedan	<i>Swartzia spp.</i>	.01								.01	71		-		
Yawaredan	<i>Sclerobium spp.</i>	.01								.01	60		-		
Unikiakia	<i>Licania spp.</i>	.01	.00							.01	50	.00	100		.00
Bloodwood	<i>Vismia spp.</i>	.01								.01	60		-		
Kumaramara		.01								.01	57		-		
Maburilli	<i>Maburea trinervis</i>	.01								.01	65		-		
Iron Mary	<i>Clathrotropis paradoxa</i>	.01								.01	67		-		
Charcoal		.00	.01	.00						.01	51	.01	60	.00	.01
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>	.01								.01	57		-		
Yarri yarri	<i>Duguetia spp.</i>	.01	.00							.01	42	.00	100	.00	
Sweetheart	<i>Talisia spp.</i>	.01								.01	65		-		
Okokonshi	<i>Lacunaria spp.; Quiina spp.</i>	.01								.01	34		-		
Awati	<i>Maprounea guianensis</i>	.01								.01	59		-		
Kakotaro	<i>Ilex martiniana</i>	.01								.01	68		-		
Silverballi boradia		.01								.01	71		-		
Himoradan		.00					.01			.01	89	.01	100	.01	
Silverballi pear leaf	<i>Ocotea acutangula</i>	.01								.01	60		-		
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>	.00	.00		.00					.01	61	.01	75		.01
Yakoro							.01			.01	100	.01	100		.01
Curry tree	<i>Pogonophona schomburgkiana</i>	.01								.01	86		-		
Halchiballi	<i>Ipomoea phillomega</i>		.00	.00						.01	77	.01	77	.00	.00
Hatti	<i>Hevea spp.</i>	.01								.01	100		-		
Fern Tree	<i>Touroulia guianensis</i>	.01								.01	100		-		
Taparau	<i>Myrciaria vismeifolia</i>	.01								.01	73		-		
Mababalli	<i>Aparisthium cordatum; Conceveiba guianensis</i>	.01								.01	59		-		
Bokotokon	<i>Hirtella spp.</i>	.01								.01	72		-		
Hurehi		.01								.01	100		-		
Kakirio	<i>Calycolpus goetheanus; C. revolutus; Myrcia rufipila; Myrciaria floribunda; Plinia pinnata</i>	.01								.01	89		-		
Koraro						.01				.01	100	.01	100	.01	
Corkwood	<i>Pterocarpus officinalis</i>	.00								.00	100		-		
Hurihi	<i>Humriastrum obovata</i>	.00	.00							.00	60	.00	70	.00	.00
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>	.00								.00	87		-		
Karampai	<i>Annona haematantha</i>	.00								.00	71		-		
Arrow Palm		.00								.00	100		-		
Ite Palm	<i>Mauritia flexuosa</i>	.00								.00	100		-		
Kawakaia		.00								.00	76		-		

Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Akarako	<i>Marlierea schomburgkiana</i>	.00								.00	78		-		
Merechiballi		.00								.00	100		-		
Corkwood hill	<i>Pterocarpus rohrii</i>		.00							.00	100	.00	100		.00
Johnbacai				.00						.00	100	.00	100		.00
Muneridan	<i>Siparuna spp.</i>	.00	.00							.00	75	.00	100	.00	
Kanoaballi	<i>Byrsonima stipulacea</i>	.00	.00							.00	75	.00	100	.00	
Baririkuti	<i>Mabea piriri</i>	.00								.00	59		-		
Mamudan	<i>Guapira spp.; Neea spp.</i>	.00								.00	63		-		
Koyechiballi	<i>Lueheopsis rugosa</i>			.00						.00	100	.00	100		.00
Monkey mollases	<i>Cassia spp.</i>		.00							.00	100	.00	100		.00
Wild Guava	<i>Calycolpus goetheanus</i>	.00								.00	58		-		
Blackheart	<i>Acosmium praeclara</i>		.00							.00	100	.00	100		.00
Bauwaua	<i>Astronium ulei</i>	.00								.00	79		-		
Bakupur	<i>Pouteria spp.</i>		.00							.00	100	.00	100	.00	
Kufiballi	<i>Guarea pubescens</i>	.00								.00	100		-		
Yaki	<i>Guettarda acreana</i>	.00								.00	100		-		
Wild Cherry	<i>Eugenia patrisii</i>	.00								.00	70		-		
Mabwa	<i>Himatanthus spp.</i>	.00								.00	100		-		
Waraia	<i>Miconia punctata</i>	.00								.00	70		-		
Warishi			.00							.00	100	.00	100		.00
Maho black	<i>Rollinia exsucca</i>	.00								.00	100		-		
Carambi		.00								.00	100		-		
Komaramaraballi	<i>Amaioua guianensis</i>	.00								.00	72		-		
Ibibanaro		.00								.00	70		-		
Banyaballi	<i>Eugenia spp.</i>	.00								.00	100		-		
Ishirodan		.00								.00	100		-		
Karababalli	<i>Guarea guidonia</i>	.00								.00	100		-		
Quaku		.00								.00	70		-		
Manaka		.00								.00	100		-		
Shirada	<i>Inga laterifolia</i>	.00								.00	100		-		
Bukabukatokon		.00								.00	100		-		
Takariwa		.00								.00	100		-		
Wakau	<i>Sapium jenmanii</i>	.00								.00	100		-		
Rokoroko	<i>Macoubea guianensis</i>	.00								.00	100		-		
Barataballi	<i>Ecclinusa sanguinolenta</i>	.00								.00	100		-		
Bartaballi	<i>Ecclinusa guianensis</i>	.00								.00	100		-		
Kurihikoyoko		.00								.00	100		-		
Warunana	<i>Hortia regia</i>	.00								.00	100		-		
Cocane tree	<i>Erythroxylum spp.</i>	.00								.00	100		-		
Boba	<i>Iriarteia exorrhiza</i>	.00								.00	100		-		
<b>Sub-total (4)</b>		<b>4.26</b>	<b>.55</b>	<b>.29</b>	<b>.19</b>	<b>.12</b>	<b>.05</b>	<b>.06</b>	<b>.19</b>	<b>5.70</b>	<b>4</b>	<b>1.44</b>	<b>7</b>	<b>.46</b>	<b>.99</b>
<b>TOTAL</b>		<b>13.52</b>	<b>3.94</b>	<b>3.55</b>	<b>2.50</b>	<b>1.69</b>	<b>1.11</b>	<b>.75</b>	<b>1.21</b>	<b>28.26</b>	<b>2</b>	<b>14.74</b>	<b>3</b>	<b>5.61</b>	<b>9.13</b>

**Appendix IV**

**BA - MGB**



Stand table of Basal area (m2/ha) for MGB (15288 ha, 26 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	.57	.33	.44	.42	.36	.08	.08	.10	2.38	16	1.82	16	.78	1.04
Purpleheart		<i>Peltogyne spp.</i>		.01	.01			.02		.07	.10	53	.10	53	.07	.04
Bulletwood		<i>Manilkara bidentata</i>	.04	.01	.02		.03				.10	46	.06	53	.05	.01
Letterwood		<i>Brosimum guianensis</i>			.01						.01	100	.01	100	.01	
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	.00								.00	100				
<b>Sub-total (0)</b>			<b>.61</b>	<b>.34</b>	<b>.48</b>	<b>.42</b>	<b>.39</b>	<b>.10</b>	<b>.08</b>	<b>.17</b>	<b>2.60</b>	<b>15</b>	<b>1.99</b>	<b>16</b>	<b>.91</b>	<b>1.08</b>
Mora		<i>Mora excelsa</i>	.07	.07	.19	.18	.20	.16	.18	.43	1.48	35	1.41	36	.17	1.24
Wamara		<i>Swartzia leiocalycina</i>	.72	.39	.22	.08		.02			1.44	14	.71	18	.27	.45
Wamaradan		<i>Dicorynia guianensis</i>	.23	.12	.19	.30	.20	.12	.03		1.18	13	.96	14	.33	.63
Crabwood		<i>Carapa spp.</i>	.46	.18	.09	.06	.03				.83	30	.37	34	.20	.17
Yarula		<i>Aspidosperma spp.</i>	.14	.05	.09	.05	.10	.02	.05		.50	23	.36	28	.18	.18
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	.08	.06	.04	.01	.07	.02	.02		.30	22	.22	24	.10	.12
Suya		<i>Pouteria speciosa</i>	.04	.04	.10	.05	.06				.30	34	.26	35	.18	.08
Aromata		<i>Clathrotropis spp.</i>	.19	.05	.05						.28	33	.09	44	.05	.05
Morabukea		<i>Mora gonggrijpii</i>	.02	.05	.03	.04	.01		.02		.18	63	.15	67	.02	.14
Shibadan		<i>Aspidosperma spp.</i>	.06	.01		.03	.01				.12	37	.05	58	.03	.02
Itikiboroballi		<i>Swartzia spp.</i>	.09	.02							.11	31	.02	56	.01	.01
Dalli hill		<i>Virola longata</i>	.04	.01	.01	.01					.07	37	.03	52	.03	
Locust		<i>Hymenaea spp.</i>	.00						.06		.07	66	.06	69	.06	
Dalli		<i>Virola surinamensis &amp; sebifera</i>	.03		.01						.04	64	.01	100	.01	
Simarupa		<i>Quassia simarouba</i>		.01	.01	.01					.03	57	.03	57	.03	
Ulu		<i>Trattinickia spp.</i>	.00	.01	.01						.02	56	.02	71	.02	
Tatabu		<i>Diploptropis purpurea</i>		.00	.01						.01	73	.01	73	.01	
Tauroniro		<i>Humiria balsamifera</i>		.01							.01	100	.01	100	.01	.01
Manniballi		<i>Moronobea coccinea</i>	.01								.01	83				
Dalli swamp		<i>Virola spp.</i>	.00	.01							.01	72	.01	100		.01
Silverballi yellow		<i>Aniba hypoglauca</i>	.00								.00	100				
<b>Sub-total (1)</b>			<b>2.21</b>	<b>1.08</b>	<b>1.05</b>	<b>.82</b>	<b>.69</b>	<b>.34</b>	<b>.31</b>	<b>.50</b>	<b>7.00</b>	<b>10</b>	<b>4.79</b>	<b>13</b>	<b>1.71</b>	<b>3.08</b>
Wallaba soft		<i>Eperua falcata</i>	.66	.29	.37	.15	.17	.06	.05		1.76	22	1.10	20	.25	.85
Baromalli		<i>Catostemma spp.</i>	.49	.08	.06	.01					.65	26	.15	32	.11	.04
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	.30	.05	.06	.01	.02				.45	28	.15	29	.09	.06
Silverballi kereti		<i>Ocotea spp.</i>	.19	.05	.03	.01					.28	31	.09	32	.03	.06
Kurokai		<i>Protium decandrum</i>	.12	.06	.05						.24	25	.12	28	.06	.06
Monkey pot		<i>Lecythis zabucajo</i>	.09	.03	.03	.05					.21	21	.12	29	.05	.07
Maporokon		<i>Inga alba</i>	.03		.05	.04	.02				.13	39	.11	42	.04	.07
Manni		<i>Symphonia globulifera</i>	.04		.02	.01					.07	46	.03	57	.02	.01
Ubudi		<i>Anacardium giganteum</i>	.01	.01					.03		.04	69	.03	81		.03
Karohoro		<i>Schefflera spp.</i>	.02	.01							.03	46	.01	100	.01	
Kirikaua		<i>Iryanthera spp.</i>	.01								.01	100				
Dukalli		<i>Parahancornia fasciculata</i>	.01								.01	100				
<b>Sub-total (2)</b>			<b>1.97</b>	<b>.58</b>	<b>.68</b>	<b>.29</b>	<b>.20</b>	<b>.06</b>	<b>.08</b>		<b>3.87</b>	<b>11</b>	<b>1.90</b>	<b>12</b>	<b>.64</b>	<b>1.26</b>
Kakaralli black		<i>Eschweilera subglandulosa</i>	.94	.32	.23	.04		.05			1.57	17	.64	19	.32	.32
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	.72	.19	.10	.11	.05				1.18	22	.46	30	.35	.11
Kauta		<i>Licania spp.</i>	.38	.04							.42	22	.04	39	.04	.01
Kakaralli others		<i>Eschweilera spp.</i>	.26	.05	.04				.03		.36	34	.11	39	.03	.07
Kakaralli fine leaf		<i>Eschweilera grata</i>	.20	.03	.02						.25	81	.05	54	.02	.03
Trysil		<i>Pentaclethra macroloba</i>	.24								.24	39				
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	.15	.05	.02	.01					.23	36	.08	52	.02	.06
Duka		<i>Tapirira marchandii</i>	.18	.02							.20	26	.02	48		.02
Huruasa		<i>Abarema jupunba</i>	.03	.01	.04	.03	.02	.02	.05		.19	29	.16	31	.06	.10



Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
	Sarebebeballi	<i>Vouacapoua macropetala</i>	.06	.02	.03	.05	.02						.18	61	.12	67	.00	.11	
	Kakaralli wina	<i>Lecythis corrugata</i>	.11	.04	.02								.17	49	.06	57	.04	.02	
	Cedar white	<i>Tabebuia insignis</i> v. <i>monophylla</i>	.10	.02	.01	.03							.16	37	.05	70		.05	
	Futui	<i>Jacaranda copaia</i>	.13	.01									.14	37	.01	70	.01	.01	
	Buruma	<i>Pourouma</i> spp.	.12	.01									.13	31	.01	100	.01	.01	
	Watapa	<i>Eperua rubiginosa</i>	.09	.01	.02								.12	100	.03	100	.02	.01	
	Maho	<i>Sterculia</i> spp.	.08	.01	.01	.01							.11	26	.02	58	.01	.01	
	Korokororo	<i>Ormosia coutinhoi</i>	.03	.02	.02	.02							.10	51	.06	53	.03	.03	
	Wallaba ituri	<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.	.03	.01	.04								.08	100	.06	100		.06	
	Asepoko	<i>Pouteria guianensis</i>	.07	.01									.08	34	.01	69		.01	
	Wadara	<i>Couratari</i> spp.	.02	.01	.02	.01	.01						.08	40	.06	53	.02	.04	
	Kokoritiballi	<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	.02	.03		.01							.07	45	.04	48	.04	.00	
	Asepokoballi	<i>Pouteria jenmanii</i>	.06	.01									.07	55	.01	100	.01	.01	
	Barakaro	<i>Ormosia</i> spp.	.00	.01	.02		.02	.02					.07	42	.06	44	.02	.05	
	Sawari	<i>Caryocar nuciferum</i>		.01	.01								.05	.07	87	.07	87	.01	.06
	Burada	<i>Parinari campestris</i>	.01						.02				.03	.06	.05	70	.02	.03	
	Hairariballi	<i>Alexa</i> spp.	.01	.02	.03								.06	84	.04	79		.04	
	Marishiballi	<i>Licania</i> spp.	.03	.02	.01								.05	46	.03	49	.03	.03	
	Fukadi	<i>Buchenavia</i> spp.	.02										.03	.05	.03	100	.03	.03	
	Maho smooth leaf	<i>Sterculia pruriens</i>	.04										.04	66		-			
	Cow wood	<i>Bagassa guianensis</i>	.01	.01	.02								.03	47	.02	55	.02	.02	
	Suradan	<i>Hieronyma alchorneoides</i>				.01	.01						.03	70	.03	70		.03	
	Iteballi	<i>Vochysia</i> spp.	.01				.02						.03	72	.02	100	.02	.02	
	Dukuria	<i>Sacoglottis guianensis</i>	.01				.02						.02	100	.02	100	.02	.02	
	Inyek	<i>Antonia ovata</i>	.02										.02	56		-			
	Tonka bean	<i>Dipteryx odorata</i>							.02				.02	100	.02	100		.02	
	Wadara broad leaf	<i>Couratari</i> spp.					.01						.01	100	.01	100	.01	.01	
	Koraroballi	<i>Hymenolobium</i> spp.	.01										.01	100		-			
	Devil's ear	<i>Enterolobium cyclocarpum</i>				.01							.01	100	.01	100	.01	.01	
	Hachiballi	<i>Pera</i> spp.	.01										.01	100		-			
	Kakaralli guava skin	<i>Eschweilera alata</i>	.01										.01	100		-			
	Hipanai	<i>Parkia pendula</i>			.01								.01	100	.01	100	.01	.01	
	Darina	<i>Hymenolobium flavum</i>			.01								.01	100	.01	100		.01	
	Kamahora	<i>Pouteria</i> spp.		.01									.01	100	.01	100	.01	.01	
	Haiawaballi	<i>Protium tenuifolium</i>	.01										.01	70		-			
	Wadara fine leaf	<i>Couratari multiflora</i>		.01									.01	100	.01	100	.01	.01	
	Asepokoballi fine leaf	<i>Pouteria caimito</i>		.01									.01	100	.01	100	.01	.01	
	Haiawa	<i>Protium</i> spp.	.00										.00	69		-			
	Kauta fine leaf	<i>Licania</i> spp.	.00										.00	100		-			
	<b>Sub-total (3)</b>		<b>4.21</b>	<b>.99</b>	<b>.73</b>	<b>.35</b>	<b>.18</b>	<b>.13</b>	<b>.08</b>	<b>.11</b>	<b>6.77</b>	<b>6</b>	<b>2.57</b>	<b>10</b>		<b>1.25</b>	<b>1.31</b>		
	Unknown		.66	.08	.09	.04	.03						.90	26	.24	26	.11	.13	
	Kautaballi	<i>Licania</i> spp.	.66	.11	.04	.01							.82	19	.17	27	.09	.07	
	Maburia		.39										.39	25		-			
	Kuyama	<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	.31	.03									.34	19	.03	41	.02	.01	
	Moraballi	<i>Pouteria minutiflora</i>	.17	.05	.05	.04	.02						.33	24	.16	26	.06	.10	
	Waiaballi	<i>Tapura guianensis</i>	.29										.29	25		-			
	Warakosa	<i>Inga</i> spp.	.21	.03	.03								.28	21	.06	38	.01	.05	
	Silverballi sawari skin	<i>Ocotea canaliculata</i>	.03	.04	.03	.04	.03						.08	.25	.37	.21	42	.02	.19
	Aruadan	<i>Sloania/Couepia</i> spp.	.15	.03	.01								.19	35	.03	52	.01	.03	
	Apoukito	<i>Chamaecrista apoucouita</i>	.11	.01	.03								.15	70	.04	87	.01	.03	

Species Common name	Botanical name	Diameter class (cm)											Quality (40cm+)					
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect			
Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	.13											.13	45				
Imirimiaballi	<i>Chamaecrista adaintifolia</i>	.12											.12	53				
Ruri red skin		.07	.02	.02									.11	48	.04	46	.02	.02
Manariballi	<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	.02	.01	.01	.05	.02							.11	40	.09	45	.02	.07
Shiballidan	<i>Hebepetalum humiriifolium</i>	.10											.10	33				
Kaditiri	<i>Sclerolobium guianensis</i>	.03	.02	.01	.03	.01							.10	37	.07	41	.04	.03
Mora sand	<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>	.03	.03	.03	.01								.10	100	.07	100	.01	.06
Table tree	<i>Cordia exaltata</i>	.09											.09	34				
Kudibiushi	<i>Micropholis venulosa</i>	.07		.01									.08	36	.01	100		.01
Manobodin	<i>Emmotum</i> spp.	.07											.07	54				
Arara fine leaf	<i>Guatteria schomburgkiana</i>	.07											.07	39				
Aiomorakushi	<i>Pouteria cladantha</i>	.05	.00	.02									.07	43	.02	57	.01	.01
Awasokule	<i>Tovomita</i> spp.	.07											.07	41				
Barabara	<i>Diospyros</i> spp.	.07											.07	44				
Buruburuli	<i>Licania</i> spp.	.06											.06	62				
Congo pump	<i>Cecropia</i> spp.	.06											.06	48				
Duru	<i>Apeiba</i> spp.	.03		.01		.02							.05	49	.02	73	.02	
Turu	<i>Jessenia bataua</i>	.04											.04	48				
Greenheart gale	<i>Aniba excelsa</i>	.04											.04	58				
Maburilli	<i>Maburea trinervis</i>	.04											.04	72				
Korowaroballi				.01						.03			.04	100	.04	100	.01	.03
Asashi	<i>Rheedia</i> spp.	.03											.03	53				
Silverballi Almond Gale	<i>Aniba citrifolia</i>	.03											.03	74				
Devildoer tree	<i>Strychnos</i> spp.			.01						.02			.03	75	.03	75	.01	.02
Kokorite	<i>Attalea regia</i>	.03											.03	72				
Silverballi Gingergale	<i>Aniba</i> spp.	.03											.03	57				
Corkwood hill	<i>Pterocarpus rohrii</i>	.01	.01	.01									.03	49	.02	57		.02
Taparaballi	<i>Myrciaria</i> spp.	.03											.03	65				
Maho rough leaf	<i>Xylosterculia rugosa</i>	.02			.01								.03	62	.01	100		.01
Itara		.03											.03	74				
Okokonshi	<i>Lacunaria</i> spp.; <i>Quiina</i> spp.	.03											.03	46				
Manicole	<i>Euterpe oleracea</i>	.02											.02	55				
Yawaredan	<i>Sclerolobium</i> spp.	.02											.02	60				
Kamakuti	<i>Bombax</i> spp.	.01	.01										.02	56	.01	100	.01	
Monkey mollases	<i>Cassia</i> spp.	.02											.02	100				
Mamudan	<i>Guapira</i> spp.; <i>Neea</i> spp.	.02											.02	100				
Kulishiri white		.02											.02	59				
Arara smooth skin	<i>Guatteria atra</i>	.02											.02	48				
Lu Palm	<i>Oenocarpus bacaba</i>	.02											.02	57				
Banyaballi	<i>Eugenia</i> spp.	.02											.02	57				
Wild Guava	<i>Calycolpus goetheanus</i>	.02											.02	71				
Kanoaballi	<i>Byrsonima stipulacea</i>	.01	.00										.02	55	.00	100	.00	
Ruri	<i>Chaetocarpus</i> spp.	.01		.01									.02	60	.01	100		.01
Jack-in-the-box	<i>Hernandia guianensis</i>					.01							.01	100	.01	100		.01
Wakaradan	<i>Miconia</i> spp.	.01											.01	100				
Silverballi	<i>Ocotea</i> spp.	.01		.01									.01	69	.01	100		.01
Hicha	<i>Byrsonima spicata</i>	.01	.01										.01	70	.01	100		.01
Konoko	<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	.01	.01										.01	100	.01	100	.01	
Aimoradan					.01								.01	100	.01	100		.01
Karishiri	<i>Ephedranthus guianensis</i> ; <i>Oxandra asbeckii</i>	.01											.01	71				
Komaramara	<i>Duroia eriopila</i>	.01											.01	83				



Species	Common name	Botanical name	Diameter class (cm)												Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Kumakaballi		<i>Coussapoa hypochloro</i> ; <i>Ficus mathewsii</i>				.01							.01	100	.01	100		.01
Silverballi pear leaf		<i>Ocotea acutangula</i>	.01										.01	70		-		
Arikadako		<i>Byrsonima</i> spp.	.00	.01									.01	100	.01	100		.01
Wild Cherry		<i>Eugenia patrisii</i>	.01										.01	71		-		
Karababalli		<i>Guarea guidonia</i>	.01										.01	100		-		
Warakaio		<i>Laetia pocera</i>	.00		.01								.01	77	.01	100		.01
Adebero		<i>Paypayrola longifolia</i>	.01										.01	41		-		
Bakupur		<i>Pouteria</i> spp.	.01										.01	100		-		
Kulishiri		<i>Matayba</i> spp.; <i>Vouarana guianensis</i>	.01										.01	80		-		
Yarri yarri		<i>Duguetia</i> spp.	.01										.01	69		-		
Silverballi shirua			.01										.01	100		-		
Maddabori		<i>Clusia</i> spp.	.01										.01	77		-		
Iron Mary		<i>Clathrotropis paradoxa</i>	.00	.01									.01	100	.01	100		.01
Kanakudiballi		<i>Alchornea triplinervia</i> ; <i>Alchorneopsis floribunda</i> ; <i>Cochlospermum orinocense</i> ; <i>C. spp.</i> ; <i>Dichapetalum pedunculatum</i>			.01								.01	100	.01	100		.01
Unikiakia		<i>Licania</i> spp.		.01									.01	100	.01	100		.01
Kakarua		<i>Pradosia schomburgkii</i>	.01										.01	100		-		
Kumaramara			.01										.01	70		-		
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>	.01										.01	100		-		
Kereti High Bush				.01									.01	100	.01	100		.01
Quaku			.00										.00	100		-		
Buradiye		<i>Nectandra grandis</i>	.00										.00	100		-		
Waraia		<i>Miconia punctata</i>	.00										.00	100		-		
Tureli		<i>Inga gracilifolia</i> ; <i>Zygia racemosa</i>	.00										.00	100		-		
Hikuribianda			.00										.00	100		-		
Kakotaro		<i>Ilex martiniana</i>	.00										.00	100		-		
Rokoroko		<i>Macoubea guianensis</i>	.00										.00	100		-		
Arara broad leaf			.00										.00	100		-		
Fern Tree		<i>Touroulia guianensis</i>	.00										.00	100		-		
Serebedan		<i>Swartzia</i> spp.	.00										.00	100		-		
Shirada		<i>Inga laterifolia</i>	.00										.00	100		-		
Kwako		<i>Marierea montana</i>	.00										.00	100		-		
Hishirudan		<i>Dulacia guianensis</i> ; <i>Platymiscium trinitatis</i>	.00										.00	100		-		
Warua		<i>Cassia</i> spp.	.00										.00	100		-		
Yaridan			.00										.00	100		-		
Vitya sand			.00										.00	100		-		
<b>Sub-total (4)</b>			<b>4.94</b>	<b>.52</b>	<b>.44</b>	<b>.25</b>	<b>.14</b>	<b>.02</b>	<b>.03</b>	<b>.08</b>	<b>6.42</b>	<b>6</b>	<b>1.48</b>	<b>12</b>	<b>.50</b>	<b>.99</b>		
<b>TOTAL</b>			<b>13.93</b>	<b>3.51</b>	<b>3.37</b>	<b>2.14</b>	<b>1.61</b>	<b>.66</b>	<b>.58</b>	<b>.86</b>	<b>26.66</b>	<b>3</b>	<b>12.73</b>	<b>5</b>	<b>5.01</b>	<b>7.72</b>		

**Appendix IV**

**BA - MMC**



Stand table of Basal area (m2/ha) for MMC (30363 ha, 40 transects)

Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)		
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	.42	.26	.29	.38	.32	.19	.09		1.95	18	1.53	19	.81	.72
Bulletwood		<i>Manilkara bidentata</i>	.00	.02	.04	.03		.02	.02		.12	40	.11	41	.06	.05
Purpleheart		<i>Peltogyne spp.</i>		.00	.01		.01	.01	.02		.06	44	.06	44	.06	
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	.00	.01							.01	49	.01	56		.01
Letterwood		<i>Brosimum guianensis</i>	.01							.01	100					
Purpleheart saka		<i>Peltogyne venosa</i>	.01							.01	83					
<b>Sub-total (0)</b>			<b>.44</b>	<b>.29</b>	<b>.34</b>	<b>.41</b>	<b>.33</b>	<b>.22</b>	<b>.13</b>		<b>2.16</b>	<b>17</b>	<b>1.71</b>	<b>18</b>	<b>.93</b>	<b>.78</b>
Mora		<i>Mora excelsa</i>	.69	.51	.81	.90	.82	.73	.74	1.17	6.38	13	5.69	13	1.12	4.57
Wamaradan		<i>Dicorynia guianensis</i>	.15	.14	.14	.15	.21	.07	.07	.09	1.02	16	.86	16	.50	.37
Crabwood		<i>Carapa spp.</i>	.58	.15	.12	.10	.02			.03	.99	23	.41	23	.22	.19
Wamara		<i>Swartzia leiocalycina</i>	.44	.18	.15	.05		.01			.83	16	.39	16	.19	.20
Yarula		<i>Aspidosperma spp.</i>	.15	.06	.09	.05	.02	.04	.03		.45	22	.30	22	.11	.19
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	.09	.02	.07	.02	.02	.01	.03		.27	18	.18	19	.05	.12
Itikiboroballi		<i>Swartzia spp.</i>	.20	.03	.02	.01					.26	18	.07	38	.02	.04
Aromata		<i>Clathrotropis spp.</i>	.14	.05	.02		.01			.02	.24	26	.10	42	.05	.05
Morabukea		<i>Mora gonggrijpii</i>	.05	.03	.05	.03	.02		.02		.19	47	.14	50	.02	.12
Dalli		<i>Virola surinamensis &amp; sebifera</i>	.03	.02	.01	.01					.07	53	.04	76	.02	.02
Simarupa		<i>Quassia simarouba</i>	.00			.01		.03	.02		.06	55	.05	59	.03	.02
Dalli swamp		<i>Virola spp.</i>	.03	.00	.02						.05	45	.02	58	.01	.01
Silverballi yellow		<i>Aniba hypoglauca</i>	.03						.02		.05	51	.02	100		.02
Suya		<i>Pouteria speciosa</i>		.01	.03						.04	44	.04	44	.02	.02
Ulu		<i>Trattinickia spp.</i>	.00	.01					.02		.03	66	.03	71	.00	.02
Tauroniro		<i>Humina balsamifera</i>	.01	.01	.00	.01					.03	75	.02	75	.02	.01
Shibadan		<i>Aspidosperma spp.</i>	.01	.00							.02	71	.00	100		.00
Dalli hill		<i>Virola longata</i>	.00	.01							.01	52	.01	70	.01	
Washiba		<i>Tabebuia spp.</i>	.00								.00	100				
<b>Sub-total (1)</b>			<b>2.60</b>	<b>1.25</b>	<b>1.52</b>	<b>1.33</b>	<b>1.13</b>	<b>.89</b>	<b>.95</b>	<b>1.31</b>	<b>10.98</b>	<b>7</b>	<b>8.38</b>	<b>8</b>	<b>2.40</b>	<b>5.98</b>
Wallaba soft		<i>Eperua falcata</i>	1.24	.58	.52	.33	.22	.13	.09	.06	3.16	15	1.92	15	.44	1.48
Baromalli		<i>Catostemma spp.</i>	.82	.09	.04	.02			.02		.99	18	.16	33	.11	.05
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	.39	.04	.03						.45	32	.06	40	.04	.02
Maporokon		<i>Inga alba</i>	.02	.04	.01	.03					.10	33	.08	34	.03	.05
Monkey pot		<i>Lecythis zabucajo</i>	.02	.02	.01	.02			.02		.08	36	.07	42	.03	.03
Silverballi kereti		<i>Ocotea spp.</i>	.04	.04	.01						.08	27	.05	36	.01	.04
Kurokai		<i>Protium decandrum</i>	.03	.01	.01						.05	39	.01	58	.00	.01
Dukalli		<i>Parahancornia fasciculata</i>	.01	.00	.01				.02		.04	55	.03	62	.03	.01
Manni		<i>Symphonia globulifera</i>		.01	.01			.01			.03	53	.03	53	.01	.03
Kurahara		<i>Calophyllum lucidum</i>	.01			.01					.02	72	.01	100	.01	
Ubudi		<i>Anacardium giganteum</i>							.02		.02	100	.02	100	.02	
Kirikaua		<i>Iryanthera spp.</i>	.01								.01	64				
Karohoro		<i>Schefflera spp.</i>		.00	.01						.01	71	.01	71		.01
<b>Sub-total (2)</b>			<b>2.60</b>	<b>.82</b>	<b>.65</b>	<b>.40</b>	<b>.22</b>	<b>.14</b>	<b>.12</b>	<b>.11</b>	<b>5.05</b>	<b>12</b>	<b>2.46</b>	<b>13</b>	<b>.73</b>	<b>1.73</b>
Kakaralli black		<i>Eschweilera subglandulosa</i>	.54	.18	.08	.08	.01	.03			.92	19	.38	22	.14	.24
Trysil		<i>Pentaclethra macroloba</i>	.76	.01	.01						.78	18	.01	77		.01
Kakaralli others		<i>Eschweilera spp.</i>	.49	.06	.06	.01	.02				.64	23	.15	29	.08	.07
Kauta		<i>Licania spp.</i>	.47	.03	.01						.52	21	.04	39	.03	.01
Korokororo		<i>Ormosia coutinhoi</i>	.13	.07	.08	.03	.06				.38	26	.25	25	.07	.18
Sarebebeballi		<i>Vouacapoua macropetala</i>	.12	.05	.04	.01			.02		.24	71	.12	75	.01	.11
Watapa		<i>Eperua rubiginosa</i>	.14	.03	.02	.01					.21	65	.07	51	.00	.07
Kakaralli wina		<i>Lecythis corrugata</i>	.09	.02	.05	.01					.17	66	.08	70	.06	.02
Wadara		<i>Couratari spp.</i>	.05	.02	.02	.01	.01	.03	.03		.16	36	.11	42	.09	.03

Species		Diameter class (cm)												Quality (40cm+)	
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Burada	<i>Parinari campestris</i>	.05	.00	.03	.02	.01	.01	.02		.14	25	.09	32	.07	.03
Maho	<i>Sterculia spp.</i>	.09	.02			.02				.13	34	.04	44	.03	.01
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	.07	.02	.02	.02					.12	30	.05	44	.02	.04
Marishiballi	<i>Licania spp.</i>	.11	.01							.12	38	.01	100		.01
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	.06	.02	.02		.01				.11	56	.05	75	.02	.02
Cedar white	<i>Tabebuia insignis v. monophylla</i>	.07	.03	.01						.10	52	.04	57	.01	.03
Kokoritiballi	<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	.04	.01	.02						.07	33	.03	43	.01	.02
Hairariballi	<i>Alexa spp.</i>	.02	.00	.01					.04	.07	76	.05	92		.05
Duka	<i>Tapirira marchandii</i>	.04	.02	.01						.07	32	.03	40		.03
Futui	<i>Jacaranda copaia</i>	.04	.01	.01						.06	41	.02	49	.00	.01
Huruasa	<i>Abarema jupunba</i>	.00	.01	.02		.01				.05	37	.05	38	.01	.04
Darina	<i>Hymenolobium flavum</i>					.01	.01		.02	.05	74	.05	74	.01	.04
Asepoko	<i>Pouteria guianensis</i>	.02	.00			.01				.04	37	.01	79		.01
Asepokoballi	<i>Pouteria jenmanii</i>	.03	.00	.01						.04	38	.01	72		.01
Haudan	<i>Lecythis spp.</i>	.00	.00	.01	.02					.03	46	.03	51	.01	.02
Barakaro	<i>Ormosia spp.</i>	.00	.01		.01	.01				.03	73	.03	78	.01	.02
Bat seed	<i>Andira spp.</i>	.01					.01			.03	70	.01	100		.01
Wallaba ituri	<i>Campsandra comosa; Eperua spp.</i>	.01	.01	.01						.03	55	.01	74		.01
Iteballi	<i>Vochysia spp.</i>	.01	.01	.01						.03	61	.02	79	.01	.01
Hachiballi	<i>Pera spp.</i>	.01					.02			.03	73	.02	100		.02
Uya	<i>Parkia ulei</i>					.01	.01			.03	70	.03	70	.01	.01
Sawari	<i>Caryocar nuciferum</i>								.03	.03	100	.03	100	.03	.03
Dukuria	<i>Sacoglottis guianensis</i>	.00		.02						.02	49	.02	56	.01	.01
Inyek	<i>Antonia ovata</i>	.02								.02	53		-		
Kakaralli guava skin	<i>Eschweilera alata</i>	.01	.00							.02	50	.00	100	.00	
Kakaralli fine leaf	<i>Eschweilera grata</i>	.01	.01							.02	47	.01	70		.01
Buruma	<i>Pourouma spp.</i>	.01		.01						.02	74	.01	100	.01	
Fukadi	<i>Buchenavia spp.</i>	.01		.01						.02	71	.01	100		.01
Kamahora	<i>Pouteria spp.</i>	.01	.00							.02	50	.00	100	.00	
Koraroballi	<i>Hymenolobium spp.</i>	.01	.00							.01	72	.00	100	.00	
Kauta fine leaf	<i>Licania spp.</i>	.01								.01	100		-		
Cow wood	<i>Bagassa guianensis</i>	.01	.00							.01	100	.00	100	.00	
Wadara broad leaf	<i>Couratari spp.</i>	.01								.01	100		-		
Fukadi swamp	<i>Terminalia spp.</i>	.01								.01	100		-		
Haiawaballi	<i>Protium tenuifolium</i>			.01						.01	100	.01	100		.01
Suradan	<i>Hieronyma alchorneoides</i>			.01						.01	100	.01	100	.01	
Asepokoballi fine leaf	<i>Pouteria caimito</i>	.01								.01	100		-		
Maho smooth leaf	<i>Sterculia pruriens</i>	.00								.00	80		-		
Haiawa	<i>Protium spp.</i>	.00								.00	71		-		
Wadara fine leaf	<i>Couratari multiflora</i>		.00							.00	100	.00	100	.00	
<b>Sub-total (3)</b>		<b>3.63</b>	<b>.71</b>	<b>.57</b>	<b>.22</b>	<b>.20</b>	<b>.13</b>	<b>.11</b>	<b>.05</b>	<b>5.60</b>	<b>7</b>	<b>1.97</b>	<b>11</b>	<b>.76</b>	<b>1.21</b>
Unknown		.67	.05	.06	.01	.03	.04			.87	22	.20	29	.04	.15
Kautaballi	<i>Licania spp.</i>	.36	.06	.03						.44	19	.09	27	.05	.03
Taparaballi	<i>Myrciaria spp.</i>	.41								.41	25		-		
Kuyama	<i>Licania heteromorpha; Xylopi nitida; X. spp.</i>	.22	.04							.26	25	.04	54	.03	.00
Kaditiri	<i>Sclerolobium guianensis</i>	.21	.00							.22	48	.00	100		.00
Warakosa	<i>Inga spp.</i>	.17	.01	.01	.01		.01			.21	17	.04	50		.04
Waiaballi	<i>Tapura guianensis</i>	.20								.20	25		-		
Moraballi	<i>Pouteria minutiflora</i>	.13	.03	.02						.18	56	.05	38	.01	.05
Manicole	<i>Euterpe oleracea</i>	.15								.15	31		-		
Maburia		.12			.01					.13	60	.01	100		.01



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)			
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect	
Arara		<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>	.10		.01							.11	35	.01	70		.01
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	.09							.02		.11	40	.02	100		.02
Manariballi		<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	.02	.01	.01	.03				.01		.09	34	.07	43	.02	.04
Table tree		<i>Cordia exaltata</i>	.09									.09	37		-		
Turu		<i>Jessenia bataua</i>	.08									.08	41		-		
Silverballi Gingergale		<i>Aniba</i> spp.	.06	.01	.01							.08	54	.02	56	.00	.02
Arara fine leaf		<i>Guatteria schomburgkiana</i>	.06	.00								.07	35	.00	100		.00
Awasokule		<i>Tovomita</i> spp.	.06									.06	39		-		
Duru		<i>Apeiba</i> spp.	.04	.02	.01							.06	59	.02	50	.01	.01
Silverballi		<i>Ocotea</i> spp.	.04			.01			.01			.06	46	.02	72	.02	
Barabara		<i>Diospyros</i> spp.	.04	.00	.01							.05	47	.01	71	.01	.00
Iron Mary		<i>Clathrotropis paradoxa</i>	.05									.05	68		-		
Aruadan		<i>Sloania/Couepia</i> spp.	.05		.01							.05	49	.01	100		.01
Kakarua		<i>Pradosia schomburgkii</i>	.05	.00								.05	90	.00	100		.00
Arara smooth skin		<i>Guatteria atra</i>	.05									.05	39		-		
Parakusan		<i>Swartzia jenmanii</i>	.00	.01	.01			.02				.05	46	.04	50	.02	.03
Corkwood		<i>Pterocarpus officinalis</i>	.04									.04	67		-		
Maddabori		<i>Clusia</i> spp.	.04	.00								.04	73	.00	100	.00	
Warakaoro		<i>Laetia pocera</i>	.02		.01	.01						.04	50	.02	76	.02	
Shiballidan		<i>Hebepetalum humiriifolium</i>	.03	.00								.04	40	.00	100		.00
Buruburuli		<i>Licania</i> spp.	.02	.01				.01				.04	41	.02	60	.02	
Maho rough leaf		<i>Xylosterculia rugosa</i>	.02	.01	.01							.04	42	.02	49	.02	
Silverballi sawari skin		<i>Ocotea canaliculata</i>	.03	.00								.04	78	.00	100	.00	
Serebedan		<i>Swartzia</i> spp.	.04									.04	57		-		
Komaramara		<i>Duroia eriopila</i>	.01								.02	.03	69	.02	100		.02
Taparau		<i>Myrciaria vismeifolia</i>	.03									.03	94		-		
Asashi		<i>Rheedia</i> spp.	.03									.03	52		-		
Ruri red skin			.03									.03	78		-		
Manobodin		<i>Emmotum</i> spp.	.03									.03	65		-		
Johnbacai			.00	.01	.01	.01						.03	80	.03	87	.00	.02
Apoukito		<i>Chamaecrista apoucouita</i>	.01	.00	.01							.03	78	.02	72		.02
Ite Palm		<i>Mauritia flexuosa</i>	.02									.02	100		-		
Kulishiri		<i>Matayba</i> spp.; <i>Vouarana guianensis</i>	.02									.02	51		-		
Maburilli		<i>Maburea trinervis</i>	.02									.02	61		-		
Congo pump		<i>Cecropia</i> spp.	.01	.01								.02	50	.01	100		.01
Maniquiniballi		<i>Geissospermum</i> spp.	.01	.01								.02	100	.01	100		.01
Mora sand		<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>			.01	.01						.02	57	.02	57	.01	.01
Greenheart gale		<i>Aniba excelsa</i>	.02									.02	49		-		
Yarri yarri		<i>Duguetia</i> spp.	.02									.02	40		-		
Kakotaro		<i>Ilex martiniana</i>	.01	.00	.00							.02	52	.01	70	.00	.00
Kumakaballi		<i>Coussapoa hypochloro</i> ; <i>Ficus mathewsii</i>								.01		.01	100	.01	100		.01
Waruwai			.01									.01	100		-		
Matamba		<i>Cedrela</i> spp.							.01			.01	100	.01	100	.01	
Kudibiushi		<i>Micropholis venulosa</i>	.01									.01	52		-		
Kulishiri white			.01									.01	45		-		
Silverballi Almond Gale		<i>Aniba citrifolia</i>	.01									.01	78		-		
Kamakuti		<i>Bombax</i> spp.	.01									.01	58		-		
Wild Guava		<i>Calycolpus goetheanus</i>	.01									.01	58		-		
Himoradan					.01							.01	70	.01	70	.01	.00
Adebero		<i>Paypayrola longifolia</i>	.01									.01	42		-		
Corkwood hill		<i>Pterocarpus rohrii</i>		.01								.01	73	.01	73	.01	.00

Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Kaierima	<i>Maytenus</i> spp.	.00		.01						.01	71	.01	100		.01
Kumaramara		.01								.01	54		-		
Okokonshi	<i>Lacunaria</i> spp.; <i>Quiina</i> spp.	.01								.01	88		-		
Arara broad leaf		.01								.01	74		-		
Aiomorakushi	<i>Pouteria cladantha</i>	.00		.01						.01	86	.01	100	.01	
Akarako	<i>Marlierea schomburgkiana</i>	.01								.01	62		-		
Koraro		.00		.01						.01	87	.01	100	.01	
Buradiye	<i>Nectandra grandis</i>	.01								.01	81		-		
Awati	<i>Maprounea guianensis</i>	.01								.01	75		-		
Baburia		.01								.01	100		-		
Hishirudan	<i>Dulacia guianensis</i> ; <i>Platymiscium trinitatis</i>	.01								.01	100		-		
Silverballi boradia		.01								.01	100		-		
Barataballi	<i>Ecclinusa sanguinolenta</i>	.00	.00							.01	77	.00	100		.00
Kulishiri hairy black	<i>Cupania</i> spp.	.01								.01	70		-		
Karamatakan				.01						.01	100	.01	100		.01
Shirada	<i>Inga laterifolia</i>	.01								.01	58		-		
Lu Palm	<i>Oenocarpus bacaba</i>	.01								.01	71		-		
Hakiaballi	<i>Vitex</i> spp.	.01								.01	100		-		
Yaridan		.01								.01	100		-		
Almond	<i>Prunus dulcis</i>	.00								.00	100		-		
Wild Cherry	<i>Eugenia patrisii</i>	.00								.00	100		-		
Mabwa	<i>Himatanthus</i> spp.	.00								.00	76		-		
Kwako	<i>Marlierea montana</i>	.00								.00	100		-		
Pasture tree	<i>Trymatococcus paraensis</i>	.00								.00	100		-		
Antswood	<i>Cordia nodosa</i>	.00								.00	75		-		
Koyechi		.00								.00	100		-		
Rokoroko	<i>Macoubea guianensis</i>	.00								.00	70		-		
Kokorite	<i>Attalea regia</i>	.00								.00	100		-		
Banyaballi	<i>Eugenia</i> spp.	.00								.00	100		-		
Komaramaraballi	<i>Amaioua guianensis</i>	.00								.00	70		-		
Bokotokon	<i>Hirtella</i> spp.		.00							.00	100	.00	100	.00	
Arrow Palm		.00								.00	100		-		
Baririkuti	<i>Mabea piriri</i>	.00								.00	100		-		
Laukididan		.00								.00	100		-		
Kanakudiballi	<i>Alchornea triplinervia</i> ; <i>Alchorneopsis floribunda</i> ; <i>Cochlospermum orinocense</i> ; <i>C. spp.</i> ; <i>Dichapetalum pedunculatum</i>	.00								.00	100		-		
Huruasaballi			.00							.00	100	.00	100		.00
Kanoaballi	<i>Byrsonima stipulacea</i>		.00							.00	100	.00	100	.00	
Yawaredan	<i>Sclerobium</i> spp.	.00								.00	100		-		
Waraia	<i>Miconia punctata</i>	.00								.00	70		-		
Karapai	<i>Annona haematantha</i>	.00								.00	100		-		
Karishiri	<i>Ephedranthus guianensis</i> ; <i>Oxandra asbeckii</i>	.00								.00	71		-		
Konoko	<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	.00								.00	71		-		
Ishuradan		.00								.00	100		-		
Maho black	<i>Rollinia exsucca</i>	.00								.00	100		-		
Karapai		.00								.00	100		-		
Curry tree	<i>Pogonophora schomburgkiana</i>	.00								.00	100		-		
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>	.00								.00	100		-		
Birdhead		.00								.00	100		-		
Lapani		.00								.00	100		-		
Kurahya		.00								.00	100		-		



Species		Diameter class (cm)											Quality (40cm+)		
Common name	Botanical name	10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Sandpaper tree	<i>Curatella americana</i>	.00								.00	100		-		
Wakau	<i>Sapium jenmanii</i>	.00								.00	100		-		
Karababali	<i>Guarea guidonia</i>	.00								.00	100		-		
Hikuribianda		.00								.00	100		-		
<b>Sub-total (4)</b>		<b>4.32</b>	<b>.35</b>	<b>.27</b>	<b>.09</b>	<b>.06</b>	<b>.12</b>		<b>.02</b>	<b>5.24</b>	<b>7</b>	<b>.92</b>	<b>11</b>	<b>.34</b>	<b>.58</b>
<b>TOTAL</b>		<b>13.58</b>	<b>3.42</b>	<b>3.34</b>	<b>2.45</b>	<b>1.94</b>	<b>1.50</b>	<b>1.30</b>	<b>1.49</b>	<b>29.03</b>	<b>3</b>	<b>15.45</b>	<b>5</b>	<b>5.17</b>	<b>10.28</b>

**Appendix IV**

**BA - WF**

Stand table of Basal area (m2/ha) for WF (5726 ha, 10 transects)

Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)			
		10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodiei</i>	.36	.27	.21	.22	.13	.12	.07	.13	1.39	29	1.03	31	.47	.56
Bulleiwood	<i>Manilkara bidentata</i>	.06	.02	.03					.13	.23	100	.17	100	.03	.15
Silverballi brown	<i>Cordia alliodora; Licaria canella</i>	.16								.16	91				
Cedar red	<i>Cedrela odorata</i>	.03								.03	100				
Letterwood	<i>Brosimum guianensis</i>	.01								.01	100				
Purpleheart	<i>Peltogyne spp.</i>	.01								.01	100				
<b>Sub-total (0)</b>		<b>.63</b>	<b>.28</b>	<b>.24</b>	<b>.22</b>	<b>.13</b>	<b>.12</b>	<b>.07</b>	<b>.13</b>	<b>1.83</b>	<b>30</b>	<b>1.20</b>	<b>32</b>	<b>.49</b>	<b>.70</b>
Wamara	<i>Swartzia leiocalycina</i>	.39	.06	.09						.54	46	.15	47	.10	.05
Yarula	<i>Aspidosperma spp.</i>	.06	.09	.14	.03	.08				.40	42	.34	41	.18	.16
Wamaradan	<i>Dicorynia guianensis</i>	.09	.02	.05	.07					.22	64	.13	47	.07	.07
Silverballi yellow	<i>Aniba hypoglauca</i>	.10							.08	.18	46	.08	100	.08	.08
Ulu	<i>Trattinnickia spp.</i>	.10			.07					.17	38	.07	67	.07	.07
Suya	<i>Pouteria speciosa</i>	.06		.03	.03	.04				.17	100	.10	100	.07	.03
Itikiboroballi	<i>Swartzia spp.</i>	.10	.02	.02						.15	36	.04	67	.02	.02
Shibadan	<i>Aspidosperma spp.</i>	.10		.02	.02				.12	47	.02	100	.02	.02	.02
Simarupa	<i>Quassia simarouba</i>	.01	.01		.04	.06				.11	71	.11	71	.11	.11
Tauronito	<i>Humiria balsamifera</i>	.01		.03		.05				.08	65	.07	70	.07	.07
Crabwood	<i>Carapa spp.</i>	.01	.05							.06	53	.05	51	.05	.05
Tatabu	<i>Diptotropis purpurea</i>	.02		.02	.03					.05	100	.05	100	.02	.03
Aromata	<i>Ciatotropis spp.</i>	.02			.03					.05	80	.03	100	.03	.03
Dalli	<i>Virola surinamensis &amp; sebifera</i>	.03								.03	100	.03	100	.02	.02
Mora	<i>Mora excelsa</i>	.00	.02							.02	80	.02	100	.02	.02
Dalli hill	<i>Virola longata</i>			.02						.02	100	.02	100	.02	.02
Kabukalli	<i>Ampelocera edentula; Goupia glabra</i>									.02	100	.02	100	.02	.02
Morabukeya	<i>Mora gonggriplii</i>	.01								.01	100				
<b>Sub-total (1)</b>		<b>1.06</b>	<b>.31</b>	<b>.42</b>	<b>.30</b>	<b>.17</b>	<b>.06</b>	<b>.17</b>	<b>.08</b>	<b>2.40</b>	<b>30</b>	<b>1.34</b>	<b>32</b>	<b>.85</b>	<b>.49</b>
Wallaba soft	<i>Eperua falcata</i>	1.83	.87	.57	.56	.04	.17		.08	4.12	22	2.29	28	.90	1.39
Baromalli sand	<i>Catostemma allisonii; C. fragrans</i>	1.16	.13	.02	.03					1.34	35	.18	37	.14	.04
Baromalli	<i>Catostemma spp.</i>	1.02	.08	.02						1.12	33	.10	35	.06	.04
Silverballi wabima	<i>Licaria cayennensis</i>	.13								.16	67				
Silverballi kereti	<i>Ocotea spp.</i>	.13		.02						.15	46	.02	100	.02	.02
Maporokon	<i>Inga alba</i>	.06			.03					.10	70	.03	100	.03	.03
Dukalli	<i>Parahancornia fasciculata</i>	.07		.02		.05				.07	71	.07	71	.07	.07
Baromalli common	<i>Catostemma commune</i>	.04		.02						.06	53	.02	100	.02	.02
Kurokai	<i>Protium decandrum</i>	.01	.02	.04						.06	67	.06	74	.04	.02
Manni	<i>Symphonia globulifera</i>			.03						.03	100	.03	100	.03	.03
Karohoro	<i>Schefflera spp.</i>			.02						.02	100	.02	100	.02	.02
Monkey pot	<i>Lecythis zabucajo</i>			.02						.02	100	.02	100	.02	.02
Pakuri	<i>Platonia insignis</i>	.02								.02	73				
<b>Sub-total (2)</b>		<b>4.48</b>	<b>1.10</b>	<b>.76</b>	<b>.62</b>	<b>.09</b>	<b>.17</b>	<b>.17</b>	<b>.29</b>	<b>7.31</b>	<b>14</b>	<b>2.83</b>	<b>25</b>	<b>1.27</b>	<b>1.55</b>
Dakama	<i>Dimorphandra conjugata</i>	1.86	.33	.37	.22	.17			.29	3.24	82	1.38	85	.07	1.31
Kauta	<i>Licania spp.</i>	.65	.01							.67	39	.01	100	.01	.01
Kakaralli wina	<i>Lecythis corrugata</i>	.31	.06	.02						.39	73	.09	82	.07	.02
Marishballi	<i>Licania spp.</i>	.38								.38	34				
Cedar white	<i>Tabebuia insignis v. monophylla</i>	.23	.08	.02					.08	.33	59	.10	52	.04	.07
Korokoro	<i>Ormosia coultinohi</i>	.02	.06	.07	.03					.26	49	.24	46	.10	.14
Kakaralli black	<i>Eschweillera subglauca</i>	.19		.03						.21	57	.03	100	.03	.03
Asepoko	<i>Pouteria guianensis</i>	.14	.01	.02						.18	78	.04	100	.04	.04
Limonaballi	<i>Chrysophyllum pomiferum</i>	.12	.02	.02						.16	100	.04	100	.04	.04
Barakaro	<i>Ormosia spp.</i>	.15								.15	51				



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Kakaralli others		<i>Eschweilera</i> spp.	.10		.03								.12	73	.03	100		.03
Huruasa		<i>Abarema jupunba</i>		.01	.02	.07							.11	65	.11	65		.11
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	.06	.01									.07	75	.01	100	.01	
Koraroballi		<i>Hymenolobium</i> spp.	.01						.05				.06	81	.05	100	.05	
Inyek		<i>Antonia ovata</i>	.02	.02	.02								.05	72	.04	100	.02	.02
Cow wood		<i>Bagassa guianensis</i>	.01			.03							.04	100	.03	100		.03
Wadara		<i>Couratari</i> spp.				.04							.04	100	.04	100		.04
Duka		<i>Tapirira marchandii</i>	.02	.01									.03	68	.01	100		.01
Haiawa		<i>Protium</i> spp.				.03							.03	100	.03	100		.03
Dukaliballi		<i>Brosimum rubescens</i>	.02										.02	100				
Wallaba ituri		<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.		.01									.01	100	.01	100		
Burada		<i>Parinari campestris</i>	.01										.01	100				
Kakaralli fine leaf		<i>Eschweilera grata</i>	.01										.01	100				
Futui		<i>Jacaranda copaia</i>	.00										.00	100				
<b>Sub-total (3)</b>			<b>4.29</b>	<b>.66</b>	<b>.62</b>	<b>.41</b>	<b>.17</b>	<b>.05</b>	<b>.08</b>	<b>.29</b>	<b>6.57</b>	<b>38</b>	<b>2.28</b>	<b>51</b>			<b>.39</b>	<b>1.89</b>
Moraballi		<i>Pouteria minutiflora</i>	1.02	.32	.15	.03							1.52	29	.50	30	.15	.35
Mora sand		<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>	.66	.24	.23	.06	.05	.06					1.30	66	.64	53	.21	.43
Kakarua		<i>Pradosia schomburgkii</i>	.92	.22	.04								1.18	38	.26	59	.03	.23
Kautaballi		<i>Licania</i> spp.	.55	.08	.02								.65	41	.10	55	.10	
Kamakuti		<i>Bombax</i> spp.	.55										.55	43				
Unknown			.42		.02		.04						.48	49	.06	72	.04	.02
Manobodin		<i>Emmotum</i> spp.	.28		.02								.30	92	.02	100		.02
Konoko		<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	.28										.28	59				
Awasokule		<i>Tovomita</i> spp.	.23										.23	46				
Waiballi		<i>Tapura guianensis</i>	.23										.23	39				
Ite Palm		<i>Mauritia flexuosa</i>	.22										.22	100				
Arara smooth skin		<i>Guatteria atra</i>	.19										.19	58				
Buruburuli		<i>Licania</i> spp.	.10	.05									.15	73	.05	100		.05
Manariballi		<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	.12			.03							.15	55	.03	100		.03
Imiriaballi		<i>Chamaecrista adaintifolia</i>	.11	.02	.02								.14	78	.04	100		.04
Silverballi Almond Gale		<i>Aniba citrifolia</i>	.00		.05		.08						.13	97	.13	100	.02	.11
Maddabori		<i>Clusia</i> spp.	.13										.13	39				
Parakusan		<i>Swartzia jenmanii</i>	.06	.03	.02								.11	68	.05	67	.01	.03
Unikiakia		<i>Licania</i> spp.	.10										.10	100				
Silverballi		<i>Ocotea</i> spp.	.08	.02									.09	57	.02	100		.02
Imirimia			.08										.08	100				
Yekoro		<i>Endlicheria punctulata</i> ; <i>Licania vernicosa</i> ; <i>Ocotea</i> spp.	.07										.07	77				
Rokoroko		<i>Macoubea guianensis</i>	.07										.07	100				
Kuyama		<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	.06										.06	64				
Kulishiri		<i>Matayba</i> spp.; <i>Vouarana guianensis</i>	.06										.06	61				
Yakoro			.02			.04							.06	68	.04	100		.04
Asashi		<i>Rheedia</i> spp.	.04	.01									.05	55	.01	100		.01
Arara fine leaf		<i>Guatteria schomburgkiana</i>	.05										.05	100				
Wakarua			.04										.04	100				
Warakosa		<i>Inga</i> spp.		.02	.03								.04	68	.04	68	.02	.03
Blackheart		<i>Acosmium praeclara</i>		.01	.02								.04	100	.04	100	.04	
Congo pump		<i>Cecropia</i> spp.	.01			.03							.04	78	.03	100		.03
Silverballi Gingergale		<i>Aniba</i> spp.	.02	.01									.04	80	.01	100		.01
Komaramara		<i>Duroia eriopila</i>	.03										.03	70				
Table tree		<i>Cordia exaltata</i>	.03										.03	100				
Hikuribianda			.02										.02	54				
Silverballi sawari skin		<i>Ocotea canaliculata</i>			.02								.02	100	.02	100		.02



Species	Common name	Botanical name	Diameter class (cm)											Quality (40cm+)				
			10-40	40-50	50-60	60-70	70-80	80-90	90-100	100+	10+	SE%	40+	SE%	Perfect	Defect		
Bartaballi		<i>Ecclinusa guianensis</i>	.02										.02	76	-			
Koyechiballi		<i>Lueheopsis rugosa</i>		.02									.02	100	.02	100	.02	
Kaditiri		<i>Sclerolobium guianensis</i>	.02										.02	71	-			
Maburia			.02										.02	100	-			
Lu Palm		<i>Oenocarpus bacaba</i>	.02										.02	100	-			
Kudibiushi		<i>Micropholis venulosa</i>	.01										.01	100	-			
Wild Cherry		<i>Eugenia patrisii</i>	.01										.01	100	-			
Hicha		<i>Byrsonima spicata</i>	.01										.01	100	-			
Ruri		<i>Chaetocarpus spp.</i>		.01									.01	100	.01	100	.01	
Bokotokon		<i>Hirtella spp.</i>	.01										.01	100	-			
Halchiballi		<i>Ipomoea phillomega</i>	.01										.01	100	-			
Warunana		<i>Hortia regia</i>	.01										.01	100	-			
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>	.01										.01	67	-			
Shirada		<i>Inga laterifolia</i>	.01										.01	100	-			
Hurihi		<i>Humiriastrum obovata</i>	.01										.01	100	-			
Barabara		<i>Diospyros spp.</i>	.01										.01	100	-			
Barata			.01										.01	100	-			
Shiballidan		<i>Hebepetalum humirifolium</i>	.01										.01	100	-			
Kaiairima		<i>Maytenus spp.</i>	.01										.01	100	-			
Karababalli		<i>Guarea guidonia</i>	.01										.01	100	-			
Maho rough leaf		<i>Xylosterculia rugosa</i>	.01										.01	100	-			
Adebero		<i>Paypayrola longifolia</i>	.01										.01	100	-			
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	.01										.01	100	-			
Kumaramara			.01										.01	100	-			
Kulishiri hairy black		<i>Cupania spp.</i>	.00										.00	100	-			
Barataballi		<i>Ecclinusa sanguinolenta</i>	.00										.00	100	-			
Mahikaballi			.00										.00	100	-			
Manicole		<i>Euterpe oleracea</i>	.00										.00	100	-			
<b>Sub-total (4)</b>			<b>7.16</b>	<b>1.06</b>	<b>.64</b>	<b>.18</b>	<b>.17</b>	<b>.06</b>					<b>9.28</b>	<b>11</b>	<b>2.12</b>	<b>18</b>	<b>.65</b>	<b>1.47</b>
<b>TOTAL</b>			<b>17.63</b>	<b>3.41</b>	<b>2.68</b>	<b>1.74</b>	<b>.73</b>	<b>.46</b>	<b>.15</b>	<b>.58</b>	<b>27.38</b>	<b>5</b>	<b>9.75</b>	<b>13</b>	<b>3.65</b>	<b>6.10</b>		

**Appendix IV**

**V - MGK**

Stand table of Volume (m3/ha) for MGK (56373 ha, 74 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)		
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	2.59	3.09	2.50	1.70	1.10	.46	.27	11.71	12	7.51	4.20
Bulletwood		<i>Manilkara bidentata</i>	.21	.25	.13	.06	.19		.26	1.10	31	.79	.31
Purpleheart		<i>Peltogyne spp.</i>	.07	.02		.12	.21	.13	.30	.86	35	.52	.34
Purpleheart saka		<i>Peltogyne venosa</i>	.05	.05						.10	62	.07	.02
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	.01	.02		.05				.08	69	.05	.03
Letterwood		<i>Brosimum guianensis</i>	.01	.03						.04	73	.04	
Cedar red		<i>Cedrela odorata</i>									-		
<b>Sub-total (0)</b>			<b>2.94</b>	<b>3.45</b>	<b>2.64</b>	<b>1.93</b>	<b>1.51</b>	<b>.58</b>	<b>.83</b>	<b>13.88</b>	<b>11</b>	<b>8.99</b>	<b>4.89</b>
Wamaradan		<i>Dicorynia guianensis</i>	.87	1.57	1.33	1.09	1.17	.70	.38	7.10	11	5.20	1.90
Mora		<i>Mora excelsa</i>	.91	1.06	.74	.85	.43	.31	.67	4.97	19	2.96	2.01
Wamara		<i>Swartzia leiocalycina</i>	1.83	1.17	.38	.09	.12		.09	3.69	11	2.17	1.52
Crabwood		<i>Carapa spp.</i>	1.01	.86	.37	.05	.06	.05		2.40	17	1.89	.51
Suya		<i>Pouteria speciosa</i>	.45	.66	.43	.28	.20			2.01	30	1.66	.35
Yarula		<i>Aspidosperma spp.</i>	.20	.38	.17	.54	.29			1.59	21	1.27	.32
Morabukea		<i>Mora gonggrijpii</i>	.31	.42	.23	.03	.24			1.23	47	.86	.37
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	.07	.19	.17		.37			.79	33	.36	.43
Aromata		<i>Clathrotropis spp.</i>	.46	.12	.14					.72	19	.45	.27
Simarupa		<i>Quassia simarouba</i>	.07	.13		.09	.11			.40	48	.30	.10
Ulu		<i>Trattinickia spp.</i>	.00	.03			.07	.08	.12	.30	53	.15	.15
Silverballi yellow		<i>Aniba hypoglauca</i>	.02	.02	.04	.04			.08	.20	51	.15	.05
Locust		<i>Hymenaea spp.</i>	.03		.06		.08			.18	59	.16	.02
Dalli hill		<i>Virola longata</i>	.04						.13	.16	78	.16	
Tauroniro		<i>Humiria balsamifera</i>	.08	.03	.02					.13	82	.12	.01
Dalli		<i>Virola surinamensis &amp; sebifera</i>	.02				.10			.12	85	.12	
Itikiboroballi		<i>Swartzia spp.</i>	.08	.03						.11	40	.07	.04
Shibadan		<i>Aspidosperma spp.</i>	.01	.04	.06					.11	88	.10	.01
Dalli swamp		<i>Virola spp.</i>	.02		.03					.05	71	.05	
Hububalli		<i>Loxopterygium sagotii</i>		.04						.04	92	.00	.04
Tatabu		<i>Diplotropis purpurea</i>	.03							.03	100	.03	
Hakia		<i>Tabebuia spp.</i>									-		
Manniballi		<i>Moronobea coccinea</i>									-		
Washiba		<i>Tabebuia spp.</i>									-		
<b>Sub-total (1)</b>			<b>6.53</b>	<b>6.77</b>	<b>4.16</b>	<b>3.06</b>	<b>3.24</b>	<b>1.14</b>	<b>1.47</b>	<b>26.37</b>	<b>7</b>	<b>18.26</b>	<b>8.11</b>
Wallaba soft		<i>Eperua falcata</i>	2.56	2.38	1.66	.31	.50	.05		7.46	13	4.60	2.86
Baromalli		<i>Catostemma spp.</i>	.86	.73	.39	.16	.07			2.21	21	1.73	.48
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	.47	.36	.38					1.21	23	.77	.44
Dukalli		<i>Parahancornia fasciculata</i>	.06	.14	.11		.05			.36	39	.23	.12
Maporokon		<i>Inga alba</i>	.12	.10	.09	.02				.33	32	.28	.05
Kurokai		<i>Protium decandrum</i>	.20	.07						.27	29	.15	.12
Monkey pot		<i>Lecythis zabucajo</i>	.09	.04	.10			.01		.23	56	.16	.07
Silverballi kereti		<i>Ocotea spp.</i>	.13	.01	.04					.18	34	.09	.10
Manni		<i>Symphonia globulifera</i>	.01	.05	.02					.09	52	.09	
Karohoro		<i>Schefflera spp.</i>	.02		.07					.09	61	.02	.07
Kurahara		<i>Calophyllum lucidum</i>	.01	.03						.04	80	.04	
Ubudi		<i>Anacardium giganteum</i>			.03					.03	100		.03
Pakuri		<i>Platonia insignis</i>		.02						.02	100	.02	
Baromalli common		<i>Catostemma commune</i>									-		
Kirikaua		<i>Iryanthera spp.</i>									-		
Silverballi wabima		<i>Licaria cayennensis</i>									-		
<b>Sub-total (2)</b>			<b>4.52</b>	<b>3.95</b>	<b>2.88</b>	<b>.49</b>	<b>.63</b>	<b>.06</b>		<b>12.53</b>	<b>9</b>	<b>8.19</b>	<b>4.34</b>



Species Common name	Botanical name	Diameter class (cm)							40- SE%	Quality (40cm+)		
		40-50	50-60	60-70	70-80	80-90	90-100	100+		Perfect	Defect	
Kakaralli black	<i>Eschweilera suruglandulosa</i>	1.25	.78	.22	.07				2.32	18	1.52	.80
Kakaralli others	<i>Eschweilera spp.</i>	.37	.21	.33	.13			.07	1.11	35	.67	.44
Kakaralli wirintri	<i>Lecythis conteriiflora</i>	.63	.18	.04					.85	20	.77	.08
Burada	<i>Parrinari campensis</i>	.14	.26	.13	.15	.09			.78	37	.69	.10
Kakaralli smooth leaf	<i>Eschweilera spp.</i>	.41	.16	.15					.73	22	.68	.05
Sarebebballi	<i>Voacacoupa macroperata</i>	.21	.22	.08	.06	.08	.03		.67	61	.04	.63
Marshballi	<i>Licania spp.</i>	.17	.09	.06				.18	.49	54	.43	.06
Fului	<i>Jacaranda copaia</i>	.07	.09	.17	.10				.44	47	.23	.20
Korokoro	<i>Ormosia coulinhoi</i>	.16	.13	.10	.03				.43	34	.26	.16
Sawari	<i>Caryocar nuciferum</i>	.02	.10	.07				.09	.34	45	.21	.12
Kakaralli wina	<i>Lecythis corrugata</i>	.13	.14	.02	.04	.03	.04		.30	35	.23	.08
Hururasa	<i>Abarema lupunba</i>	.04	.09	.02		.07	.08		.30	41	.20	.11
Cedar white	<i>Tabebuia insignis v. monophylla</i>	.05	.10	.04			.07		.27	38	.16	.11
Wadara	<i>Couratari spp.</i>	.05	.06	.10	.03				.24	37	.16	.07
Haudan	<i>Lecythis spp.</i>	.03	.05				.15		.22	67	.22	
Kautia	<i>Licania spp.</i>	.10	.03	.04					.17	41	.08	.09
Uya	<i>Parkia uliei</i>			.09				.08	.17	60	.17	
Asepoko	<i>Pouteria guianensis</i>	.01	.02	.02			.10		.14	72	.03	.11
Cow wood	<i>Bagassa guianensis</i>	.02	.07		.05				.14	52	.07	.07
Buruma	<i>Pourouma spp.</i>	.08	.04						.12	44	.09	.03
Kokoriballi	<i>Ichthyophora elegans; Oxlythece spp.; Planchonella elegans; Pouteria spp.</i>	.05	.03		.03				.11	42	.05	.06
Suradan	<i>Hieronyma alchornoides</i>	.04	.04	.03					.11	47	.02	.09
Maho	<i>Sterculia spp.</i>	.01	.08					.10	.09	54	.08	.01
Duka	<i>Tapiria marchandii</i>	.07	.02					.09	.08	43	.04	.05
Maho smooth leaf	<i>Sterculia pruriens</i>	.03	.04				.06		.08	54	.03	.05
Bat seed	<i>Andira spp.</i>		.02						.08	77	.08	
Kamahora	<i>Pouteria spp.</i>	.04		.04					.07	78	.02	.05
Walapa	<i>Eperua rubiginosa</i>	.06	.01						.07	70	.03	.04
Dukalballi	<i>Brosimum rubescens</i>	.01		.04		.05		.05	.05	80	.01	.04
Inyek	<i>Antonia ovata</i>				.05			.05	.05	100	.05	
Hipanal	<i>Parkia pendula</i>	.01		.03				.05	.05	76	.03	.01
Wadara broad leaf	<i>Couratari spp.</i>			.05				.05	.05	100	.03	.05
Hachballi	<i>Pera spp.</i>		.04					.04	.04	100	.03	.02
Ieballi	<i>Vochysia spp.</i>			.04				.04	.04	100	.04	
Barakaro	<i>Ormosia spp.</i>	.01		.02				.04	.04	74	.01	.02
Dukura	<i>Sacoglottis guianensis</i>	.04						.04	.04	71	.01	.04
Limonaballi	<i>Chrysophyllum pomiferum</i>	.02						.02	.02	100	.02	
Kakaralli fine leaf	<i>Eschweilera grata</i>	.02						.02	.02	100	.02	.02
Fukadi	<i>Buchenavia spp.</i>	.01						.01	.01	100	.01	
Fukadi hill	<i>Terminalia amazonia</i>	.01						.01	.01	100	.01	.01
Asepokoballi	<i>Pouteria jenmanii</i>	.01						.01	.01	100	.01	.01
Asepokoballi fine leaf	<i>Pouteria caimito</i>	.01						.01	.01	100	.01	.01
Halawa	<i>Protium spp.</i>											
Halawaballi	<i>Protium tenuifolium</i>											
Kakaralli guava skin	<i>Eschweilera alata</i>											
Kautia fine leaf	<i>Licania spp.</i>											
Manaballi black	<i>Parkia nitida</i>											
Trysil	<i>Pentaclethra macroloba</i>											
Wadara fine leaf	<i>Couratari multiflora</i>											
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>											
Dakama	<i>Dimorphandra conjugata</i>											
Davna	<i>Hymenobium flavum</i>											



Species Common name	Botanical name	Diameter class (cm)										40+	SE%	Quality (40cm+)					
		40-50	50-60	60-70	70-80	80-90	90-100	100+	Perfect	Defect									
Kororaballi	<i>Hymenobium</i> spp.																		
<b>Sub-total (3)</b>		<b>4.40</b>	<b>3.11</b>	<b>1.91</b>	<b>.75</b>	<b>.27</b>	<b>.28</b>	<b>.66</b>	<b>11.37</b>	<b>8</b>	<b>7.48</b>	<b>3.89</b>							
Kautaballi	<i>Licania</i> spp.	.84	.33	.11	.03				1.31	17	.70	.61							
Unknown		.16	.12	.18	.11				.58	28	.18	.40							
Moraballi	<i>Pouteria minutiflora</i>	.24	.15	.04	.11				.54	33	.20	.34							
Parakusan	<i>Swartzia jennani</i>	.02	.09	.09				.07	.23	41	.62	.41							
Congo pump	<i>Cacropia</i> spp.	.23	.07	.03					.33	51	.31	.02							
Manariballi	<i>Elizabetia princeps</i> ; <i>Phitecellobium</i> spp.	.03	.03	.10	.06	.12			.33	53	.22	.11							
Silverballi sawari skin	<i>Ocotea canaliculata</i>	.03	.11		.18				.31	68	.27	.05							
Matamba	<i>Cedrela</i> spp.							.20	20	100	.20								
Barabara	<i>Diospyros</i> spp.	.12	.06	.06					.18	41	.13	.05							
Warakosa	<i>Inga</i> spp.	.06	.05	.03	.03				.17	40	.03	.14							
Hakaballi	<i>Virex</i> spp.	.01	.02						.17	83	.17								
Maho rough leaf	<i>Xylocarpus rugosa</i>	.07	.06					.14	.13	56	.07	.06							
Mora sand	<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>	.05	.06						.11	51	.05	.06							
Apoukito	<i>Chamaecrista apoucouita</i>	.05	.04	.03					.11	55		.11							
Kanakudballi	<i>Alchornea triplineria</i> ; <i>Alchorneopsis floribunda</i> ; <i>Cochlospermum ornicoense</i> ; <i>C. spp.</i> ;	.01	.08						.09	63	.08	.01							
Komaramara	<i>Duroia eriopila</i>							.09	.09	100		.09							
Kadiri	<i>Sclerobium guianensis</i>	.02	.01						.09	63		.09							
Kuyama	<i>Licania heteromopha</i> ; <i>Xylocopa nitida</i> ; <i>X. spp.</i>	.03	.04	.06					.08	71	.06	.02							
Buruburuli	<i>Licania</i> spp.	.05	.04		.08				.08	61	.07	.01							
Koraro						.08			.08	100	.08								
Himoradan									.08	100	.08								
Devildoer tree	<i>Strychnos</i> spp.	.07		.08					.07	77	.07	.08							
Warakatoro	<i>Laetia pocera</i>	.02	.04						.06	73	.02	.04							
Aimoradan		.01	.05						.06	59	.06								
Ruri red skin	<i>Bombax</i> spp.			.05					.05	100	.05								
Kamakuli	<i>Iponoea phillomega</i>	.02	.02						.05	52	.01	.04							
Halchballi	<i>Apelba</i> spp.	.03		.02					.04	100	.01	.03							
Duru	<i>Aniba</i> spp.	.01			.03				.04	100	.01	.04							
Silverballi Gingergate	<i>Ocotea</i> spp.	.04							.04	72	.02	.04							
Silverballi	<i>Humiriastrium obovata</i>	.04							.04	72	.01	.03							
Hurhi	<i>Chaetocarpus</i> spp.	.03							.03	66	.01	.03							
Ruri	<i>Pradosia schomburgkii</i>	.01		.02					.03	72	.03								
Kakarua	<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	.02			.01				.03	60	.03	.03							
Konoko	<i>Siparuna</i> spp.	.03				.01			.03	76	.02	.01							
Charcoal	<i>Sloanea</i> / <i>Couepia</i> spp.	.03		.02					.03	100	.03	.00							
Munerdan	<i>Licania</i> spp.	.01		.02					.03	76	.03	.00							
Arudan	<i>Mayenus</i> spp.	.03							.03	100	.03	.03							
Unikakia		.01		.02					.02	74	.02	.02							
Kalarua	<i>Tapura guianensis</i>	.02							.02	100	.02								
Azara broad leaf	<i>Rheedia</i> spp.	.02							.02	100	.02								
Wataballi	<i>Acosmium graecolara</i>	.02							.02	100	.02								
Asashi	<i>Cordia exaltata</i>	.02							.02	100	.02								
Blackheart		.02							.02	100	.02								
Table tree	<i>Inga gracilifolia</i> ; <i>Zygia racemosa</i>	.02		.02					.02	100	.02	.02							
Tureli	<i>Chamaecrista adainitilolia</i>	.02							.02	59		.02							
Imirimaballi	<i>Pouteria cladantha</i>	.02							.02	100	.01	.02							
Alomorakushi	<i>Tovornia</i> spp.	.01							.01	100	.01	.02							
Awasokue		.01							.01	100	.01	.01							
Azara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetalia</i>	.01							.01	100	.01								

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)		
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Kulishiri white			.01								.01	100	.01
Maburia			.01								.01	100	.01
Yarri yarri		<i>Duguetia spp.</i>	.01								.01	100	.01
Arara smooth skin		<i>Guatteria atra</i>	.01								.01	100	.01
Kanoaballi		<i>Byrsonima stipulacea</i>	.01								.01	100	.01
Manobodin		<i>Emmotum spp.</i>	.01								.01	100	.01
Bakupur		<i>Pouteria spp.</i>	.01								.01	100	.01
Silverballi Almond Gale		<i>Aniba citrifolia</i>	.00								.00	100	.00
Adebero		<i>Paypayrola longifolia</i>											
Akarako		<i>Marlierea schomburgkiana</i>											
Arara fine leaf		<i>Guatteria schomburgkiana</i>											
Arrow Palm													
Awati		<i>Maprounea guianensis</i>											
Banyaballi		<i>Eugenia spp.</i>											
Barataballi		<i>Ecclinusa sanguinolenta</i>											
Baririkuti		<i>Mabea piriri</i>											
Bartaballi		<i>Ecclinusa guianensis</i>											
Bauwaua		<i>Astronium ulei</i>											
Bloodwood		<i>Vismia spp.</i>											
Boba		<i>Iriartea exorrhiza</i>											
Bokotokon		<i>Hirtella spp.</i>											
Bukabukatokon													
Carambi													
Cocane tree		<i>Erythroxylum spp.</i>											
Corkwood		<i>Pterocarpus officinalis</i>											
Curry tree		<i>Pogonophora schomburgkiana</i>											
Fern Tree		<i>Touroulia guianensis</i>											
Greenheart gale		<i>Aniba excelsa</i>											
Hatti		<i>Hevea spp.</i>											
Hikuriabianda													
Hurehi													
Ibibanaro													
Imirimia													
Iron Mary		<i>Clathrotropis paradoxa</i>											
Ishirodan													
Ite Palm		<i>Mauritia flexuosa</i>											
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>											
Kakirio		<i>Calycolpus goetheanus; C. revolutus; Myrcia rufipila; Myrciaria floribunda; Plinia pinnata</i>											
Kakotaro		<i>Ilex martiniana</i>											
Karababalli		<i>Guarea guidonia</i>											
Karampai		<i>Annona haematantha</i>											
Karishiri		<i>Ephedranthus guianensis; Oxandra asbeckii</i>											
Kawakaia													
Kokorite		<i>Attalea regia</i>											
Komaramaraballi		<i>Amaioua guianensis</i>											
Kudibiushi		<i>Micropholis venulosa</i>											
Kufiballi		<i>Guarea pubescens</i>											
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>											
Kumakaballi		<i>Coussapoa hypochloro; Ficus mathewsii</i>											
Kumaramara													
Kurihikoyoko													



Species Common name	Botanical name	Diameter class (cm)							Quality (40cm+)				
		40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Lu Palm	<i>Onocarpus bacaba</i>												
Mababali	<i>Aparisthium cordatum; Conceveiba guianensis</i>												
Maburilli	<i>Mabourea trinervis</i>												
Mabwa	<i>Himantanthus spp.</i>												
Maddabori	<i>Clusia spp.</i>												
Maho black	<i>Rollinia exsuca</i>												
Mamudan	<i>Guapira spp.; Neea spp.</i>												
Manaka													
Manicole	<i>Euterpe oleracea</i>												
Merchibali													
Okokonshi	<i>Lacunaria spp.; Quirina spp.</i>												
Quaku													
Rokoroko	<i>Macoubea guianensis</i>												
Serebedan	<i>Swarzia spp.</i>												
Sihballidan	<i>Hebepetalum humrifolium</i>												
Shirada	<i>Inga laterifolia</i>												
Silverballi boradia													
Silverballi pear leaf	<i>Ocotea acutangula</i>												
Sweetheart	<i>Talisia spp.</i>												
Takarwa													
Taparau	<i>Myrciaria visnelifolia</i>												
Taparaballi	<i>Myrciaria spp.</i>												
Turu	<i>Jessenia bataua</i>												
Wakaradan	<i>Miconia spp.</i>												
Wakau	<i>Sapum jernmani</i>												
Warala	<i>Miconia punctata</i>												
Warunana	<i>Hortia regia</i>												
Wild Cherry	<i>Eugenia patrisii</i>												
Wild Guava	<i>Calycopus goetheanus</i>												
Yaki	<i>Guettarda acireana</i>												
Yawaredan	<i>Sclerobium spp.</i>												
Corkwood hill	<i>Pterocarpus rohrii</i>												
Jonhacai													
Koyechibali	<i>Lueheopsis rugosa</i>												
Monkey molasses	<i>Cassia spp.</i>												
Marishi													
Yakoro													
<b>Sub-total (4)</b>		2.67	1.37	.85	.63	.25	.29	.43	6.49	10	3.50	3.00	
<b>TOTAL</b>		21.06	18.65	12.44	6.86	5.89	2.35	3.38	70.63	5	46.40	24.23	

**Appendix IV**

**V - MGB**



Stand table of Volume (m3/ha) for MGB (15288 ha, 26 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	2.27	2.69	1.96	1.08	.38	.08			8.46	21	5.81	2.65
Purpleheart		<i>Peltogyne</i> spp.	.04	.08			.11			.20	.44	62	.44	
Bulletwood		<i>Manilkara bidentata</i>		.18		.12					.30	61	.30	
Letterwood		<i>Brosimum guianensis</i>		.07							.07	100	.07	
Silverballi brown		<i>Cordia alliodora</i> ; <i>Licaria canella</i>												
<b>Sub-total (0)</b>			<b>2.31</b>	<b>3.02</b>	<b>1.96</b>	<b>1.20</b>	<b>.49</b>	<b>.08</b>	<b>.20</b>	<b>9.26</b>	<b>20</b>	<b>6.62</b>	<b>2.65</b>	
Wamaradan		<i>Dicorynia guianensis</i>	.95	1.00	1.71	1.07	.29				5.03	18	2.76	2.26
Wamara		<i>Swartzia leiocalycina</i>	1.84	.96	.61						3.41	23	1.77	1.64
Mora		<i>Mora excelsa</i>	.28	.44	.42	.46	.13	.48	.33		2.55	38	1.01	1.54
Yarula		<i>Aspidosperma</i> spp.	.33	.75	.32	.73	.13	.20			2.46	38	1.29	1.17
Crabwood		<i>Carapa</i> spp.	.81	.47	.19	.23					1.70	30	1.21	.49
Suya		<i>Pouteria speciosa</i>	.22	.84	.17	.42					1.64	39	1.41	.23
Kabukalli		<i>Ampelocera edentula</i> ; <i>Goupia glabra</i>	.30	.21	.14	.32					.97	25	.62	.35
Locust		<i>Hymenaea</i> spp.							.77		.77	71	.77	
Aromata		<i>Clathrotropis</i> spp.	.33	.14							.46	54	.39	.07
Dalli hill		<i>Virola longata</i>	.06	.14	.19						.39	60	.39	
Shibadan		<i>Aspidosperma</i> spp.	.06		.10	.20					.35	61	.32	.03
Simarupa		<i>Quassia simarouba</i>	.06	.04	.10						.21	59	.21	
Morabukea		<i>Mora gonggrijpii</i>	.09		.08						.17	73	.12	.04
Tatabu		<i>Diploptropis purpurea</i>	.03	.12							.15	83	.15	
Tauroniro		<i>Humiria balsamifera</i>	.10								.10	100	.04	.06
Dalli		<i>Virola surinamensis</i> & <i>sebifera</i>		.10							.10	100	.10	
Itikiboroballi		<i>Swartzia</i> spp.	.09								.09	56	.05	.03
Ulu		<i>Trattinickia</i> spp.	.03	.05							.08	71	.08	
Dalli swamp		<i>Virola</i> spp.	.01								.01	100		.01
Manniballi		<i>Moronobea coccinea</i>												
Silverballi yellow		<i>Aniba hypoglauca</i>												
<b>Sub-total (1)</b>			<b>5.57</b>	<b>5.26</b>	<b>4.02</b>	<b>3.43</b>	<b>.56</b>	<b>.68</b>	<b>1.10</b>	<b>20.62</b>	<b>11</b>	<b>12.70</b>	<b>7.92</b>	
Wallaba soft		<i>Eperua falcata</i>	.97	1.00	.47	.22	.09				2.75	29	1.65	1.10
Baromalli		<i>Catostemma</i> spp.	.63	.49	.12						1.25	32	1.00	.25
Baromalli sand		<i>Catostemma altsonii</i> ; <i>C. fragrans</i>	.31	.54	.15	.21					1.21	31	.76	.45
Maporokon		<i>Inga alba</i>		.23	.27						.50	44	.30	.20
Kurokai		<i>Protium decandrum</i>	.28	.09							.37	40	.31	.06
Silverballi kereti		<i>Ocotea</i> spp.	.20		.07						.27	44	.20	.07
Monkey pot		<i>Lecythis zabucajo</i>	.05	.11	.05						.21	44	.21	
Manni		<i>Symphonia globulifera</i>		.06	.07						.13	62	.06	.07
Ubudi		<i>Anacardium giganteum</i>	.04								.04	100		.04
Karohoro		<i>Schefflera</i> spp.	.02								.02	100	.02	
Dukalli		<i>Parahancornia fasciculata</i>												
Kirikaua		<i>Iryanthera</i> spp.												
<b>Sub-total (2)</b>			<b>2.51</b>	<b>2.53</b>	<b>1.21</b>	<b>.43</b>	<b>.09</b>			<b>6.76</b>	<b>16</b>	<b>4.51</b>	<b>2.26</b>	
Kakaralli black		<i>Eschweilera subglandulosa</i>	1.88	1.14	.18						3.20	23	2.29	.91
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	1.05	.85	.46	.35					2.71	36	2.66	.05
Huruasa		<i>Abarema jupunba</i>		.19	.08	.07	.12	.20			.67	41	.38	.29
Kakaralli others		<i>Eschweilera</i> spp.	.16	.20				.21			.57	51	.25	.32
Korokororo		<i>Ormosia coutinhoi</i>	.18	.12	.20						.50	55	.27	.23
Kakaralli wina		<i>Lecythis corrugata</i>	.27	.10							.37	48	.30	.07
Sarebebeballi		<i>Vouacapoua macropetala</i>	.04	.11	.21						.36	90	.04	.32
Burada		<i>Parinari campestris</i>					.34				.34	100	.34	
Wadara		<i>Couratari</i> spp.	.05	.18		.07					.31	50	.12	.18

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
	Kakaralli smooth leaf	<i>Eschweilera</i> spp.	.22	.06	.03						.30	55	.17	.13
	Kokoritiballi	<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	.15		.12						.27	62	.27	
	Marishiballi	<i>Licania</i> spp.	.13	.08							.22	51	.22	
	Cow wood	<i>Bagassa guianensis</i>	.07	.14							.21	55	.21	
	Barakaro	<i>Ormosia</i> spp.	.07	.14							.21	59	.12	.10
	Hairariballi	<i>Alexa</i> spp.	.08	.14							.21	79		.21
	Kauta	<i>Licania</i> spp.	.19								.19	43	.19	
	Dukuria	<i>Sacoglottis guianensis</i>				.18					.18	100	.18	
	Kakaralli fine leaf	<i>Eschweilera grata</i>	.07	.10							.17	56	.14	.03
	Wadara broad leaf	<i>Couratari</i> spp.				.14					.14	100	.14	
	Maho	<i>Sterculia</i> spp.	.04	.05	.05						.14	56	.05	.09
	Futui	<i>Jacaranda copaia</i>	.10								.10	70	.06	.04
	Buruma	<i>Pourouma</i> spp.	.10								.10	100	.10	
	Fukadi	<i>Buchenavia</i> spp.								.10	.10	100	.10	
	Watapa	<i>Eperua rubiginosa</i>	.03	.07							.09	100	.09	
	Cedar white	<i>Tabebuia insignis</i> v. <i>monophylla</i>	.06		.03						.09	67		.09
	Sawari	<i>Caryocar nuciferum</i>	.02	.07							.09	83	.07	.02
	Hipanai	<i>Parkia pendula</i>		.08							.08	100	.08	
	Iteballi	<i>Vochysia</i> spp.				.08					.08	100	.08	
	Devil's ear	<i>Enterolobium cyclocarpum</i>			.07						.07	100	.07	
	Kamahora	<i>Pouteria</i> spp.	.06								.06	100	.06	
	Wadara fine leaf	<i>Couratari multiflora</i>	.06								.06	100	.06	
	Asepokoballi fine leaf	<i>Pouteria caimito</i>	.05								.05	100	.05	
	Asepoko	<i>Pouteria guianensis</i>	.04								.04	100		.04
	Asepokoballi	<i>Pouteria jenmanii</i>	.03								.03	100	.03	
	Suradan	<i>Hieronyma alchorneoides</i>				.03					.03	100		.03
	Duka	<i>Tapirira marchandii</i>	.02								.02	100		.02
	Hachiballi	<i>Pera</i> spp.									-			
	Haiawa	<i>Protium</i> spp.									-			
	Haiawaballi	<i>Protium tenuifolium</i>									-			
	Inyek	<i>Antonia ovata</i>									-			
	Kakaralli guava skin	<i>Eschweilera alata</i>									-			
	Kauta fine leaf	<i>Licania</i> spp.									-			
	Koraroballi	<i>Hymenolobium</i> spp.									-			
	Maho smooth leaf	<i>Sterculia pruriens</i>									-			
	Trysil	<i>Pentaclethra macroloba</i>									-			
	Wallaba ituri	<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.									-			
	Darina	<i>Hymenolobium flavum</i>									-			
	Tonka bean	<i>Dipteryx odorata</i>									-			
	<b>Sub-total (3)</b>		<b>5.22</b>	<b>3.82</b>	<b>1.43</b>	<b>.91</b>	<b>.46</b>	<b>.41</b>	<b>.10</b>	<b>12.35</b>	<b>13</b>	<b>9.17</b>	<b>3.18</b>	
	Unknown		.27	.28	.23	.30					1.07	40	.81	.26
	Kautaballi	<i>Licania</i> spp.	.45	.35	.02						.82	35	.69	.13
	Moraballi	<i>Pouteria minutiflora</i>	.27	.30	.16						.73	30	.41	.31
	Kaditiri	<i>Sclerolobium guianensis</i>	.08	.09	.13	.07					.37	47	.25	.12
	Mora sand	<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>	.17	.15	.04						.36	100	.05	.30
	Silverballi sawari skin	<i>Ocotea canaliculata</i>	.09	.05	.11						.24	54	.10	.14
	Warakosa	<i>Inga</i> spp.	.11	.10							.21	51	.05	.15
	Maho rough leaf	<i>Xylosterculia rugosa</i>			.19						.19	100		.19
	Kuyama	<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	.18								.18	49	.14	.04
	Manariballi	<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	.04		.14						.17	57	.10	.07
	Aiomorakushi	<i>Pouteria cladantha</i>	.03	.14							.17	60	.08	.09
	Ruri red skin		.06	.06							.13	53	.10	.03



Species		Diameter class (cm)								Quality (40cm+)		
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Duru	<i>Apeiba spp.</i>		.05		.06				.11	70	.11	
Korowaroballi			.10						.10	100	.10	
Apoukito	<i>Chamaecrista apoucouita</i>		.09						.09	100	.09	
Devildoer tree	<i>Strychnos spp.</i>		.07						.07	100	.07	
Kamakuti	<i>Bombax spp.</i>	.06							.06	100	.06	
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>			.05					.05	100		.05
Aimoradan				.05					.05	100		.05
Arikadako	<i>Byrsonima spp.</i>	.03							.03	100		.03
Corkwood hill	<i>Pterocarpus rohrii</i>	.03							.03	100		.03
Konoko	<i>Licania cuprea; Pouteria engleri</i>	.02							.02	100	.02	
Aruadan	<i>Sloania/Couepia spp.</i>		.02						.02	100	.02	
Warakaoro	<i>Laetia pocera</i>		.02						.02	100		.02
Kanoaballi	<i>Byrsonima stipulacea</i>	.01							.01	100	.01	
Hicha	<i>Byrsonima spicata</i>	.01							.01	100		.01
Adebero	<i>Paypayrola longifolia</i>								-			
Arara	<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>								-			
Arara broad leaf									-			
Arara fine leaf	<i>Guatteria schomburgkiana</i>								-			
Arara smooth skin	<i>Guatteria atra</i>								-			
Asashi	<i>Rheedia spp.</i>								-			
Awasokule	<i>Tovomita spp.</i>								-			
Bakupur	<i>Pouteria spp.</i>								-			
Banyaballi	<i>Eugenia spp.</i>								-			
Barabara	<i>Diospyros spp.</i>								-			
Buradiye	<i>Nectandra grandis</i>								-			
Buruburuli	<i>Licania spp.</i>								-			
Congo pump	<i>Cecropia spp.</i>								-			
Fern Tree	<i>Touroulia guianensis</i>								-			
Greenheart gale	<i>Aniba excelsa</i>								-			
Hikuribianda									-			
Hishirudan	<i>Dulacia guianensis; Platymiscium trinitatis</i>								-			
Imirimiaballi	<i>Chamaecrista adaintifolia</i>								-			
Iron Mary	<i>Clathrotropis paradoxa</i>								-			
Itara									-			
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>								-			
Kakarua	<i>Pradosia schomburgkii</i>								-			
Kakotaro	<i>Ilex martiniana</i>								-			
Karababalli	<i>Guarea guidonia</i>								-			
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>								-			
Kokorite	<i>Attalea regia</i>								-			
Komaramara	<i>Duroia eriopila</i>								-			
Kudibiushi	<i>Micropholis venulosa</i>								-			
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>								-			
Kulishiri white									-			
Kumaramara									-			
Kwako	<i>Marierea montana</i>								-			
Lu Palm	<i>Oenocarpus bacaba</i>								-			
Maburia									-			
Maburilli	<i>Maburea trinervis</i>								-			
Maddabori	<i>Clusia spp.</i>								-			
Mamudan	<i>Guapira spp.; Neea spp.</i>								-			
Manicole	<i>Euterpe oleracea</i>								-			

Species	Common name	Botanical name	Diameter class (cm)								SE%	Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+		Perfect	Defect		
Manobodin		<i>Emmotum spp.</i>													
Monkey mollases		<i>Cassia spp.</i>													
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>													
Quaku															
Rokoroko		<i>Macoubea guianensis</i>													
Ruri		<i>Chaetocarpus spp.</i>													
Serebedan		<i>Swartzia spp.</i>													
Shiballidan		<i>Hebepetalum humiriifolium</i>													
Shirada		<i>Inga laterifolia</i>													
Silverballi		<i>Ocotea spp.</i>													
Silverballi Almond Gale		<i>Aniba citrifolia</i>													
Silverballi Gingergale		<i>Aniba spp.</i>													
Silverballi pear leaf		<i>Ocotea acutangula</i>													
Silverballi shirua															
Table tree		<i>Cordia exaltata</i>													
Taparaballi		<i>Myrciaria spp.</i>													
Tureli		<i>Inga gracilifolia; Zygia racemosa</i>													
Turu		<i>Jessenia bataua</i>													
Vitya sand															
Waiaballi		<i>Tapura guianensis</i>													
Wakaradan		<i>Miconia spp.</i>													
Waraia		<i>Miconia punctata</i>													
Warua		<i>Cassia spp.</i>													
Wild Cherry		<i>Eugenia patrisii</i>													
Wild Guava		<i>Calycolpus goetheanus</i>													
Yaridan															
Yarri yarri		<i>Duguetia spp.</i>													
Yawaredan		<i>Sclerobium spp.</i>													
Jack-in-the-box		<i>Hernandia guianensis</i>													
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>													
Kereti High Bush															
Unikiakia		<i>Licania spp.</i>													
<b>Sub-total (4)</b>			<b>1.90</b>	<b>1.84</b>	<b>1.12</b>	<b>.43</b>						<b>5.28</b>	<b>17</b>	<b>3.26</b>	<b>2.03</b>
<b>TOTAL</b>			<b>17.51</b>	<b>16.47</b>	<b>9.74</b>	<b>6.40</b>	<b>1.59</b>	<b>1.17</b>	<b>1.40</b>	<b>54.28</b>	<b>8</b>	<b>36.25</b>	<b>18.03</b>		



**Appendix IV**

**V - MMC**

Stand table of Volume (m3/ha) for MMC (30363 ha, 40 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	1.81	1.85	2.64	2.00	.52	.02			8.85	20	7.25	1.60
Bulletwood		<i>Manilkara bidentata</i>	.11	.23	.13		.12	.08			.67	41	.54	.13
Purpleheart		<i>Peltogyne spp.</i>	.02	.05		.16	.09	.16			.49	49	.49	
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	.04								.04	70		.04
Letterwood		<i>Brosimum guianensis</i>									-			
Purpleheart saka		<i>Peltogyne venosa</i>									-			
<b>Sub-total (0)</b>			<b>1.99</b>	<b>2.13</b>	<b>2.77</b>	<b>2.16</b>	<b>.73</b>	<b>.27</b>			<b>10.04</b>	<b>18</b>	<b>8.28</b>	<b>1.77</b>
Mora		<i>Mora excelsa</i>	2.34	3.44	2.73	2.10	.60	1.16	1.55	13.92	15	8.69	5.23	
Wamaradan		<i>Dicorynia guianensis</i>	.87	.87	1.14	1.57	.37	.57	.52	5.91	16	4.20	1.71	
Crabwood		<i>Carapa spp.</i>	.76	.53	.52	.13			.23	2.18	26	1.54	.64	
Wamara		<i>Swartzia leiocalycina</i>	.96	.86	.26					2.08	20	1.41	.67	
Yarula		<i>Aspidosperma spp.</i>	.14	.32	.21	.11	.29	.10		1.18	44	.93	.25	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	.12	.29	.08	.18	.09	.25		1.02	23	.31	.72	
Dalli		<i>Virola surinamensis &amp; sebifera</i>	.19	.11	.18					.48	80	.25	.23	
Aromata		<i>Clathrotropis spp.</i>	.28	.12						.40	45	.31	.09	
Simarupa		<i>Quassia simarouba</i>			.07		.17	.13		.36	62	.17	.19	
Suya		<i>Pouteria speciosa</i>	.06	.29						.36	45	.24	.11	
Morabukea		<i>Mora gonggrijpii</i>	.09		.05	.10				.24	55	.12	.12	
Itikiboroballi		<i>Swartzia spp.</i>	.09	.07	.06					.23	41	.15	.08	
Tauroniro		<i>Humiria balsamifera</i>	.10	.03	.06					.19	73	.12	.06	
Dalli swamp		<i>Virola spp.</i>	.04	.13						.17	60	.09	.08	
Dalli hill		<i>Virola longata</i>	.06							.06	77	.06		
Ulu		<i>Trattinickia spp.</i>	.06							.06	100	.06		
Shibadan		<i>Aspidosperma spp.</i>	.03							.03	100		.03	
Silverballi yellow		<i>Aniba hypoglaucia</i>								-				
Washiba		<i>Tabebuia spp.</i>								-				
<b>Sub-total (1)</b>			<b>6.20</b>	<b>7.06</b>	<b>5.38</b>	<b>4.19</b>	<b>1.52</b>	<b>2.21</b>	<b>2.30</b>	<b>28.86</b>	<b>9</b>	<b>18.65</b>	<b>10.21</b>	
Wallaba soft		<i>Eperua falcata</i>	2.12	1.27	1.12	.60	.11	.12	.28	5.61	17	3.52	2.09	
Baromalli		<i>Catostemma spp.</i>	.75	.28	.19			.28		1.51	43	1.16	.35	
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	.29	.20						.49	42	.34	.15	
Monkey pot		<i>Lecythis zabucajo</i>	.13	.04	.06				.13	.36	47	.21	.14	
Dukalli		<i>Parahancornia fasciculata</i>	.04	.10					.18	.31	62	.25	.06	
Maporokon		<i>Inga alba</i>	.11	.02	.13					.26	47	.18	.08	
Silverballi kereti		<i>Ocotea spp.</i>	.21							.21	43	.10	.11	
Manni		<i>Symphonia globulifera</i>	.04	.11						.15	61	.06	.09	
Ubudi		<i>Anacardium giganteum</i>						.12		.12	100	.12		
Karohoro		<i>Schefflera spp.</i>	.05	.06						.11	70		.11	
Kurahara		<i>Calophyllum lucidum</i>			.07					.07	100	.07		
Kurokai		<i>Protium decandrum</i>	.01	.04						.06	80	.01	.04	
Kirikaua		<i>Iryanthera spp.</i>								-				
<b>Sub-total (2)</b>			<b>3.75</b>	<b>2.11</b>	<b>1.59</b>	<b>.60</b>	<b>.11</b>	<b>.52</b>	<b>.58</b>	<b>9.26</b>	<b>14</b>	<b>6.04</b>	<b>3.21</b>	
Kakaralli black		<i>Eschweilera subglandulosa</i>	.98	.41	.09		.07			1.55	23	.88	.67	
Kakaralli others		<i>Eschweilera spp.</i>	.41	.42	.05	.11				.98	30	.60	.38	
Korokororo		<i>Ormosia coutinhoi</i>	.31	.14	.15	.11				.71	31	.42	.29	
Burada		<i>Parinari campestris</i>		.21	.06	.15	.09	.17		.68	37	.59	.09	
Wadara		<i>Couratari spp.</i>	.14	.12	.05	.04	.12	.11		.58	32	.50	.09	
Kakaralli wina		<i>Lecythis corrugata</i>	.11	.19	.07					.38	68	.38		
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	.13	.12		.07				.33	74	.17	.16	
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	.11	.11	.09					.31	45	.11	.20	
Maho		<i>Sterculia spp.</i>	.15			.16				.30	45	.24	.06	

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Kauta		<i>Licania spp.</i>	.16	.08							.24	42	.19	.05
Huruasa		<i>Abarema jupunba</i>	.04	.10		.09					.22	46	.04	.18
Uya		<i>Parkia ulei</i>				.13	.07				.20	74	.13	.07
Hachiballi		<i>Pera spp.</i>					.19				.19	100		.19
Darina		<i>Hymenolobium flavum</i>				.07	.11				.18	72	.07	.11
Sarebebeballi		<i>Vouacapoua macropetala</i>	.08	.09							.17	70	.06	.11
Cedar white		<i>Tabebuia insignis v. monophylla</i>	.12								.12	77	.09	.02
Watapa		<i>Eperua rubiginosa</i>	.08	.02	.02						.11	61	.02	.10
Asepoko		<i>Pouteria guianensis</i>				.11					.11	100		.11
Futui		<i>Jacaranda copaia</i>	.04	.06							.11	66	.03	.08
Kokoritiballi		<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	.02	.09							.10	86	.09	.02
Iteballi		<i>Vochysia spp.</i>	.05	.04							.10	80	.04	.05
Sawari		<i>Caryocar nuciferum</i>								.10	.10	100	.10	
Barakaro		<i>Ormosia spp.</i>	.03		.07						.09	76	.07	.03
Haudan		<i>Lecythis spp.</i>	.02	.05	.02						.09	62	.04	.05
Buruma		<i>Pourouma spp.</i>		.06							.06	100	.06	
Bat seed		<i>Andira spp.</i>					.05				.05	100		.05
Kamahora		<i>Pouteria spp.</i>	.05								.05	100	.05	
Dukuria		<i>Sacoglottis guianensis</i>		.05							.05	100	.05	
Duka		<i>Tapirira marchandii</i>	.02	.03							.05	69		.05
Trysil		<i>Pentaclethra macroloba</i>	.03	.01							.04	70		.04
Koraroballi		<i>Hymenolobium spp.</i>	.04								.04	100	.04	
Cow wood		<i>Bagassa guianensis</i>	.03								.03	100	.03	
Fukadi		<i>Buchenavia spp.</i>		.03							.03	100		.03
Hairariballi		<i>Alexa spp.</i>	.03								.03	100		.03
Kakaralli guava skin		<i>Eschweilera alata</i>	.03								.03	100	.03	
Suradan		<i>Hieronyma alchorneoides</i>		.02							.02	100	.02	
Kakaralli fine leaf		<i>Eschweilera grata</i>	.02								.02	100		.02
Wadara fine leaf		<i>Couratari multiflora</i>	.01								.01	100	.01	
Asepokoballi		<i>Pouteria jenmanii</i>									-			
Asepokoballi fine leaf		<i>Pouteria caimito</i>									-			
Fukadi swamp		<i>Terminalia spp.</i>									-			
Haiawa		<i>Protium spp.</i>									-			
Inyek		<i>Antonia ovata</i>									-			
Kauta fine leaf		<i>Licania spp.</i>									-			
Maho smooth leaf		<i>Sterculia pruriens</i>									-			
Marishiballi		<i>Licania spp.</i>									-			
Wadara broad leaf		<i>Couratari spp.</i>									-			
Wallaba ituri		<i>Campsiandra comosa; Eperua spp.</i>									-			
Haiawaballi		<i>Protium tenuifolium</i>									-			
<b>Sub-total (3)</b>			<b>3.22</b>	<b>2.45</b>	<b>.67</b>	<b>1.04</b>	<b>.70</b>	<b>.28</b>	<b>.10</b>	<b>8.45</b>	<b>11</b>	<b>5.15</b>	<b>3.30</b>	
Unknown			.17	.37	.08	.17	.07				.86	33	.24	.62
Kautaballi		<i>Licania spp.</i>	.33	.18							.50	29	.36	.14
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	.07		.21						.28	41	.19	.10
Moraballi		<i>Pouteria minutiflora</i>	.18	.07							.26	54	.06	.19
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>	.23								.23	57	.19	.04
Silverballi		<i>Ocotea spp.</i>			.08		.12				.20	72	.20	
Maho rough leaf		<i>Xylosterculia rugosa</i>	.13	.04							.18	52	.18	
Buruburuli		<i>Licania spp.</i>	.10			.07					.18	60	.18	
Warakaio		<i>Laetia pocera</i>		.11	.06						.17	81	.17	
Warakosa		<i>Inga spp.</i>	.04				.10				.15	88		.15
Apoukito		<i>Chamaecrista apoucouita</i>	.03	.08							.10	71		.10



Species Common name	Botanical name	Diameter class (cm)										Quality (40cm+)				
		40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect				
Mora sand	<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>		.01	.09									.10	90	.09	.01
Himoradan			.09										.09	72	.06	.03
Barabara	<i>Diospyros</i> spp.	.01	.08										.09	89	.08	.01
Duru	<i>Apeiba</i> spp.	.05	.02										.07	57	.05	.02
Matamba	<i>Cedrela</i> spp.							.07					.07	100	.07	
Parakusan	<i>Swartzia jennmanii</i>	.01				.05							.06	100	.06	
Koraro			.06										.06	100	.06	
Kakotaro	<i>Ilex martiniana</i>	.02	.04										.05	75	.02	.04
Silverballi sawari skin	<i>Ocotea canaliculata</i>	.04											.04	100	.04	
Congo pump	<i>Cecropia</i> spp.	.04											.04	100	.04	
Silverballi Ginger gale	<i>Ariba</i> spp.	.03											.03	71	.02	.01
Alomorakushi	<i>Pouteria cladantha</i>		.03										.03	100	.03	
Corkwood hill	<i>Pterocarpus rohrii</i>	.03											.03	100	.03	
Arara fine leaf	<i>Guatteria schomburgkiana</i>	.02											.02	100	.02	
Maddabori	<i>Clusia</i> spp.	.02											.02	100	.02	
Johnbacai			.02										.02	100	.02	
Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>												.01	100	.01	
Bokotokan	<i>Hirella</i> spp.	.01											.01	100	.01	
Shiballidan	<i>Hebepetalum humirifolium</i>	.01											.01	100	.01	
Karamatakan			.01										.01	100	.01	
Huruasaballi													.01	100	.01	
Kanoaballi	<i>Byrsonima stipulacea</i>	.01											.01	100	.01	
Adebero	<i>Paypayrola longifolia</i>															
Akarako	<i>Marlierea schomburgkiana</i>															
Almond	<i>Prunus dulcis</i>															
Aniswood	<i>Cordia nodosa</i>															
Arara broad leaf																
Arara smooth skin	<i>Guatteria atra</i>															
Arrow Palm																
Aruadan	<i>Sloania/Coepia</i> spp.															
Asashi	<i>Rheedia</i> spp.															
Awasokule	<i>Tovornita</i> spp.															
Awati	<i>Maprounea guianensis</i>															
Baburia																
Banyaballi	<i>Eugenia</i> spp.															
Barataballi	<i>Ecclinusa sanguinolenta</i>															
Baririkuit	<i>Mabea piriri</i>															
Birdhead																
Buradiye	<i>Nectandra grandis</i>															
Corkwood	<i>Pterocarpus officinalis</i>															
Curry tree	<i>Pogonophora schomburgkiana</i>															
Greenheart gale	<i>Aniba excelsa</i>															
Hakiaballi	<i>Vitex</i> spp.															
Hikuriandi																
Hishirudan	<i>Dulacia guianensis</i> ; <i>Platymiscium trinitatis</i>															
Imiriaballi	<i>Chamaecrista adainifolia</i>															
Iron Mary	<i>Clathrotropis paradoxa</i>															
Ishuradan																
Ite Palm	<i>Mauritia flexuosa</i>															
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>															
Kaditiri	<i>Sclerobium guianensis</i>															
Kaiarima	<i>Maytenus</i> spp.															



Species		Diameter class (cm)										Quality (40cm+)	
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Kakarua	<i>Pradosia schomburgkii</i>												
Kamakuti	<i>Bombax spp.</i>												
Kanakudiballi	<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>												
Karababalli	<i>Guarea guidonia</i>												
Karampai	<i>Annona haematantha</i>												
Karapai													
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>												
Kokorite	<i>Attalea regia</i>												
Komaramara	<i>Duroia eriopila</i>												
Komaramaraballi	<i>Amaioua guianensis</i>												
Konoko	<i>Licania cuprea; Pouteria engleri</i>												
Koyechi													
Kudibiushi	<i>Micropholis venulosa</i>												
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>												
Kulishiri hairy black	<i>Cupania spp.</i>												
Kulishiri white													
Kumaramara													
Kurahya													
Kwako	<i>Marlierea montana</i>												
Lapani													
Laukididan													
Lu Palm	<i>Oenocarpus bacaba</i>												
Maburia													
Maburilli	<i>Maburea trinervis</i>												
Mabwa	<i>Himatanthus spp.</i>												
Maho black	<i>Rollinia exsucca</i>												
Manicole	<i>Euterpe oleracea</i>												
Maniquiniballi	<i>Geissospermum spp.</i>												
Manobodin	<i>Emmotum spp.</i>												
Okokonshi	<i>Lacunaria spp.; Quiina spp.</i>												
Pasture tree	<i>Trymatococcus paraensis</i>												
Rokoroko	<i>Macoubea guianensis</i>												
Ruri red skin													
Sandpaper tree	<i>Curatella americana</i>												
Serebedan	<i>Swartzia spp.</i>												
Shirada	<i>Inga laterifolia</i>												
Silverballi Almond Gale	<i>Aniba citrifolia</i>												
Silverballi boradia													
Table tree	<i>Cordia exaltata</i>												
Taparau	<i>Myrciaria vismeifolia</i>												
Taparauballi	<i>Myrciaria spp.</i>												
Turu	<i>Jessenia bataua</i>												
Waiaballi	<i>Tapura guianensis</i>												
Wakau	<i>Sapium jenmanii</i>												
Waraia	<i>Miconia punctata</i>												
Waruwai													
Wild Cherry	<i>Eugenia patrisii</i>												
Wild Guava	<i>Calycolpus goetheanus</i>												
Yaridan													
Yarri yarri	<i>Duguetia spp.</i>												
Yawaredan	<i>Sclerolobium spp.</i>												

Species		Diameter class (cm)									Quality (40cm+)	
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Kumakaballi	<i>Coussapoa hypochloro</i> ; <i>Ficus mathewsii</i>											
Sub-total (4)		1.62	1.20	.52	.29	.37			4.00	12	2.42	1.58
<b>TOTAL</b>		16.79	14.95	10.93	8.28	3.42	3.27	2.98	60.61	7	40.53	20.07

**Appendix IV**

**V - WF**

Stand table of Volume (m3/ha) for WF (5726 ha, 10 transects)												
Species		Diameter class (cm)								Quality (40cm+)		
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Greenheart	<i>Chlorocardium rodlei</i>	1.59	.86	.98	.98	1.04	.87		6.32	46	2.84	3.49
Bulletwood	<i>Manilkara bidentata</i>		.24						.24	100	.24	
Cedar red	<i>Cedrela odorata</i>									-		
Letterwood	<i>Brosimum guianensis</i>									-		
Purpleheart	<i>Peltogyne</i> spp.									-		
Silverballi brown	<i>Cordia alliodora</i> ; <i>Licaria canella</i>									-		
<b>Sub-total (0)</b>		<b>1.59</b>	<b>1.10</b>	<b>.98</b>	<b>.98</b>	<b>1.04</b>	<b>.87</b>		<b>6.56</b>	<b>44</b>	<b>3.07</b>	<b>3.49</b>
Yarula	<i>Aspidosperma</i> spp.	.34	1.21	.21	.53				2.29	51	1.55	.74
Simarupa	<i>Quassia simarouba</i>	.15		.24		.91			1.30	82	1.30	
Wamaradan	<i>Dicorynia guianensis</i>	.08	.22	.57					.87	51	.57	.30
Wamara	<i>Swartzia leiocalycina</i>	.35	.44						.79	43	.59	.20
Tatabu	<i>Diplotropis purpurea</i>		.33	.32					.65	100	.33	.32
Ulu	<i>Trattinickia</i> spp.			.63					.63	72	.63	
Suya	<i>Pouteria speciosa</i>		.17	.15	.23				.55	100	.40	.15
Tauroniro	<i>Humiria balsamifera</i>		.16		.24				.40	68	.40	
Silverballi yellow	<i>Aniba hypoglauca</i>							.35	.35	100		.35
Crabwood	<i>Carapa</i> spp.	.28							.28	55	.28	
Aromata	<i>Clathrotropis</i> spp.			.20					.20	100	.20	
Itikiboroballi	<i>Swartzia</i> spp.	.08	.12						.20	68	.12	.08
Shibadan	<i>Aspidosperma</i> spp.		.19						.19	100	.19	
Dalli	<i>Virola surinamensis</i> & <i>sebifera</i>	.16							.16	100	.16	
Dalli hill	<i>Virola longata</i>		.15						.15	100	.15	
Kabukalli	<i>Ampelocera edentula</i> ; <i>Goupia glabra</i>	.11							.11	100		.11
Mora	<i>Mora excelsa</i>									-		
Morabukeya	<i>Mora gonggrijpii</i>									-		
<b>Sub-total (1)</b>		<b>1.56</b>	<b>2.99</b>	<b>2.32</b>	<b>1.01</b>	<b>.91</b>		<b>.35</b>	<b>9.13</b>	<b>36</b>	<b>6.87</b>	<b>2.26</b>
Wallaba soft	<i>Eperua falcata</i>	3.57	2.14	1.61					7.32	28	5.81	1.51
Baromalli sand	<i>Catostemma altsonii</i> ; <i>C. fragrans</i>	1.11	.22	.19					1.51	38	1.17	.35
Baromalli	<i>Catostemma</i> spp.	.57	.11						.68	36	.42	.26
Dukalli	<i>Parahancornia fasciculata</i>		.23		.35				.59	68	.59	
Manni	<i>Symphonia globulifera</i>	.06	.18						.24	76	.18	.06
Maporokon	<i>Inga alba</i>			.22					.22	100	.22	
Karohoro	<i>Schefflera</i> spp.		.19						.19	100	.19	
Monkey pot	<i>Lecythis zabucajo</i>		.10						.10	100		.10
Baromalli common	<i>Catostemma commune</i>									-		
Kurokai	<i>Protium decandrum</i>									-		
Pakuri	<i>Platonia insignis</i>									-		
Silverballi kereti	<i>Ocotea</i> spp.									-		
Silverballi wabima	<i>Licaria cayennensis</i>									-		
<b>Sub-total (2)</b>		<b>5.32</b>	<b>3.16</b>	<b>2.02</b>	<b>.35</b>				<b>10.85</b>	<b>19</b>	<b>8.57</b>	<b>2.28</b>
Korokororo	<i>Ormosia coutinhoi</i>	.13	.32	.15			.48		1.08	60	.79	.28
Huruasa	<i>Abarema jupunba</i>	.09	.13	.38					.60	64	.60	
Kakaralli wina	<i>Lecythis corrugata</i>	.33	.08						.41	68	.41	
Dakama	<i>Dimorphandra conjugata</i>	.08	.08	.18					.34	88	.30	.04
Koraroballi	<i>Hymenolobium</i> spp.					.32			.32	100	.32	
Wadara	<i>Couratari</i> spp.			.27					.27	100	.27	
Cedar white	<i>Tabebuia insignis</i> v. <i>monophylla</i>	.26							.26	100	.26	
Asepoko	<i>Pouteria guianensis</i>	.04	.17						.21	100		.21
Kakaralli black	<i>Eschweilera subglandulosa</i>		.15						.15	100	.15	
Kakaralli wirimiri	<i>Lecythis confertiflora</i>	.10							.10	100	.10	



Species		Diameter class (cm)									Quality (40cm+)	
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Haiawa	<i>Protium spp.</i>			.09					.09	100		.09
Kauta	<i>Licania spp.</i>	.08							.08	100	.08	
Inyek	<i>Antonia ovata</i>	.08							.08	100	.08	
Limonaballi	<i>Chrysophyllum pomiferum</i>	.03							.03	100		.03
Barakaro	<i>Ormosia spp.</i>								-			
Burada	<i>Parinari campestris</i>								-			
Cow wood	<i>Bagassa guianensis</i>								-			
Duka	<i>Tapirira marchandii</i>								-			
Dukaliballi	<i>Brosimum rubescens</i>								-			
Futui	<i>Jacaranda copaia</i>								-			
Kakaralli fine leaf	<i>Eschweilera grata</i>								-			
Kakaralli others	<i>Eschweilera spp.</i>								-			
Marishiballi	<i>Licania spp.</i>								-			
Wallaba ituri	<i>Campsiandra comosa; Eperua spp.</i>								-			
<b>Sub-total (3)</b>		<b>1.23</b>	<b>.93</b>	<b>1.06</b>		<b>.32</b>	<b>.48</b>		<b>4.01</b>	<b>29</b>	<b>2.49</b>	<b>1.52</b>
Mora sand	<i>Dicymbe corymbosa; Talisia squarrosa</i>	1.37	1.07	.18					2.62	66	1.40	1.22
Moraballi	<i>Pouteria minutiflora</i>	1.51							1.51	38	1.10	.41
Kautaballi	<i>Licania spp.</i>	.48	.12						.60	54	.60	
Kakarua	<i>Pradosia schomburgkii</i>	.33	.18						.51	73	.18	.33
Unknown			.08		.41				.49	84	.41	.08
Silverballi Almond Gale	<i>Aniba citrifolia</i>		.13		.29				.42	100	.13	.29
Buruburuli	<i>Licania spp.</i>	.24							.24	100		.24
Blackheart	<i>Acosmium praeclara</i>	.06	.14						.21	100	.21	
Manariballi	<i>Elizabetha princeps; Pithecellobium spp.</i>			.21					.21	100		.21
Warakosa	<i>Inga spp.</i>	.19							.19	100	.19	
Asashi	<i>Rheedia spp.</i>	.13							.13	100		.13
Silverballi	<i>Ocotea spp.</i>	.08							.08	100		.08
Silverballi Gingergale	<i>Aniba spp.</i>	.06							.06	100		.06
Koyechiballi	<i>Lueheopsis rugosa</i>	.06							.06	100	.06	
Parakusan	<i>Swartzia jenmanii</i>	.04							.04	100	.04	
Ruri	<i>Chaetocarpus spp.</i>	.04							.04	100		.04
Adebero	<i>Paypayrola longifolia</i>								-			
Arara	<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>								-			
Arara fine leaf	<i>Guatteria schomburgkiana</i>								-			
Arara smooth skin	<i>Guatteria atra</i>								-			
Awasukule	<i>Tovomita spp.</i>								-			
Barabara	<i>Diospyros spp.</i>								-			
Barata									-			
Barataballi	<i>Ecclinusa sanguinolenta</i>								-			
Bartaballi	<i>Ecclinusa guianensis</i>								-			
Bokotokon	<i>Hirtella spp.</i>								-			
Congo pump	<i>Cecropia spp.</i>								-			
Halchiballi	<i>Ipomoea phillomega</i>								-			
Hicha	<i>Byrsonima spicata</i>								-			
Hikuribianda									-			
Hurihi	<i>Humiriastrum obovata</i>								-			
Imirimia									-			
Imirimiaballi	<i>Chamaecrista adaintifolia</i>								-			
Ite Palm	<i>Mauritia flexuosa</i>								-			
Kaditiri	<i>Sclerolobium guianensis</i>								-			
Kaiarima	<i>Maytenus spp.</i>								-			
Kamakuti	<i>Bombax spp.</i>								-			

Species Common name	Botanical name	Diameter class (cm)							Quality (40cm+)				
		40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Karababali	<i>Guarea guidonia</i>												
Konamamara	<i>Duroia eriopila</i>												
Konoko	<i>Licania cuprea, Pouteria engleri</i>												
Kudibushi	<i>Micropholis venulosa</i>												
Kulishiri	<i>Matayba spp., Vouatara guianensis</i>												
Kulishiri hairy black	<i>Cupania spp.</i>												
Kumamamara													
Kuyama	<i>Licania heteromorpha, Xylopia nitida, X. spp.</i>												
Lu Palm	<i>Oenocarpus bacaba</i>												
Maburia													
Maddabori	<i>Clusia spp.</i>												
Mahikabali													
Maho rough leaf	<i>Xylocarpus rugosa</i>												
Manicole	<i>Euterpe oleracea</i>												
Manobodin	<i>Emmonium spp.</i>												
Okokonshi	<i>Lacunaria spp., Quina spp.</i>												
Rokoroko	<i>Macoubea guianensis</i>												
Shibalidan	<i>Hebepealum hummiliolum</i>												
Shirada	<i>Inga laterifolia</i>												
Table tree	<i>Cordia exaltata</i>												
Unikiakia	<i>Licania spp.</i>												
Waiabali	<i>Tapura guianensis</i>												
Wakarua													
Warunana	<i>Hortia regia</i>												
Wild Cherry	<i>Eugenia patrisii</i>												
Yakoro													
Yekoro	<i>Endlicheria punctulata, Licania verrucosa, Ocotea spp.</i>												
Silverballi sawari skin	<i>Ocotea canaliculata</i>												
<b>Sub-total (4)</b>		4.59	1.72	.39	.71					7.40	24	4.31	3.09
<b>TOTAL</b>		14.28	9.90	6.77	3.04	2.27	1.35	.35	37.95	14	25.32	12.64	

**Appendix IV**

**VT - MGK**



Stand table of Total volume (m3) for MGK (56373 ha, 74 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)		
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	145,797	174,129	141,156	95,969	62,040	25,661	15,188	659,940	12	423,420	236,520
Bulletwood		<i>Manilkara bidentata</i>	11,667	13,902	7,581	3,490	10,795		14,430	61,865	31	44,543	17,322
Purpleheart		<i>Peltogyne spp.</i>	4,204	1,049		6,700	12,096	7,315	17,004	48,368	35	29,305	19,062
Purpleheart saka		<i>Peltogyne venosa</i>	2,588	2,986						5,574	62	4,194	1,380
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	556	983		2,861				4,400	69	2,861	1,539
Letterwood		<i>Brosimum guianensis</i>	822	1,418						2,240	73	2,240	
Cedar red		<i>Cedrela odorata</i>									-		
<b>Sub-total (0)</b>			<b>165,635</b>	<b>194,467</b>	<b>148,737</b>	<b>109,020</b>	<b>84,932</b>	<b>32,975</b>	<b>46,621</b>	<b>782,387</b>	<b>11</b>	<b>506,563</b>	<b>275,824</b>
Wamaradan		<i>Dicorynia guianensis</i>	48,777	88,426	74,833	61,324	66,083	39,728	21,329	400,501	11	293,404	107,097
Mora		<i>Mora excelsa</i>	51,495	59,920	41,593	47,944	24,354	17,335	37,812	280,452	19	167,000	113,453
Wamara		<i>Swartzia leiocalycina</i>	103,239	65,981	21,581	5,105	6,856		5,311	208,073	11	122,441	85,631
Crabwood		<i>Carapa spp.</i>	57,124	48,687	20,682	2,913	3,445	2,704		135,556	17	106,697	28,859
Suya		<i>Pouteria speciosa</i>	25,435	37,483	23,972	15,508	11,008			113,405	30	93,728	19,677
Yarula		<i>Aspidosperma spp.</i>	11,424	21,665	9,793	30,391	16,572			89,845	21	71,837	18,007
Morabukeya		<i>Mora gonggripii</i>	17,548	23,854	12,895	1,710	13,405			69,412	47	48,304	21,108
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	4,023	10,656	9,483		20,605			44,767	33	20,461	24,306
Aromata		<i>Clathrotropis spp.</i>	25,779	6,939	8,058					40,776	19	25,572	15,204
Simarupa		<i>Quassia simarouba</i>	4,020	7,383		5,015	6,050			22,469	48	16,653	5,816
Ulu		<i>Trattinickia spp.</i>	190	1,696			3,968	4,425	6,507	16,786	53	8,393	8,393
Silverballi yellow		<i>Aniba hypoglauca</i>	971	1,023	2,262	2,395			4,703	11,355	51	8,572	2,783
Locust		<i>Hymenaea spp.</i>	1,834		3,456		4,663			9,953	59	9,063	890
Dalli hill		<i>Virola longata</i>	2,184						7,068	9,252	78	9,252	
Tauroniro		<i>Humiria balsamifera</i>	4,621	1,666	991					7,279	82	6,945	333
Dalli		<i>Virola surinamensis &amp; sebifera</i>	1,138				5,838			6,976	85	6,976	
Itikiboroballi		<i>Swartzia spp.</i>	4,711	1,733						6,444	40	3,972	2,472
Shibadan		<i>Aspidosperma spp.</i>	831	2,390	3,146					6,368	88	5,536	831
Dalli swamp		<i>Virola spp.</i>	1,197		1,544					2,741	71	2,741	
Hububalli		<i>Loxopterygium sagotii</i>		2,416						2,416	92	212	2,204
Tatabu		<i>Diplotropis purpurea</i>	1,504							1,504	100	1,504	
Hakia		<i>Tabebuia spp.</i>									-		
Manniballi		<i>Moronobea coccinea</i>									-		
Washiba		<i>Tabebuia spp.</i>									-		
<b>Sub-total (1)</b>			<b>368,046</b>	<b>381,919</b>	<b>234,290</b>	<b>172,306</b>	<b>182,846</b>	<b>64,192</b>	<b>82,729</b>	<b>1,486,329</b>	<b>7</b>	<b>1,029,263</b>	<b>457,066</b>
Wallaba soft		<i>Eperua falcata</i>	144,202	134,417	93,320	17,541	28,290	2,867		420,636	13	259,497	161,139
Baromalli		<i>Catostemma spp.</i>	48,659	40,939	21,776	9,167	4,161			124,702	21	97,387	27,315
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	26,500	20,395	21,481					68,377	23	43,582	24,794
Dukalli		<i>Parahancornia fasciculata</i>	3,317	7,775	6,245		2,815			20,152	39	13,222	6,931
Maporokon		<i>Inga alba</i>	6,595	5,751	5,287	857				18,490	32	15,749	2,741
Kurokai		<i>Protium decandrum</i>	11,491	3,977						15,467	29	8,610	6,858
Monkey pot		<i>Lecythis zabucajo</i>	4,885	2,494	5,473			355		13,207	56	9,054	4,153
Silverballi kereti		<i>Ocotea spp.</i>	7,323	659	2,301					10,282	34	4,853	5,430
Manni		<i>Symphonia globulifera</i>	559	3,099	1,398					5,056	52	5,056	
Karohoro		<i>Schefflera spp.</i>	1,012		3,881					4,893	61	1,012	3,881
Kurahara		<i>Calophyllum lucidum</i>	511	1,669						2,180	80	2,180	
Ubudi		<i>Anacardium giganteum</i>			1,416					1,416	100		1,416
Pakuri		<i>Platonia insignis</i>		1,300						1,300	100	1,300	
Baromalli common		<i>Catostemma commune</i>									-		
Kirikaua		<i>Iryanthera spp.</i>									-		
Silverballi wabima		<i>Licaria cayennensis</i>									-		
<b>Sub-total (2)</b>			<b>255,053</b>	<b>222,476</b>	<b>162,578</b>	<b>27,565</b>	<b>35,266</b>	<b>3,221</b>		<b>706,159</b>	<b>9</b>	<b>461,501</b>	<b>244,657</b>



Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Kakaralli black		<i>Eschweilera subglandulosa</i>	70,589	44,160	12,430	3,799					130,978	18	85,638	45,339
Kakaralli others		<i>Eschweilera spp.</i>	20,664	11,722	18,709	7,333				3,922	62,349	35	37,723	24,626
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	35,597	10,274	2,052						47,923	20	43,598	4,325
Burada		<i>Parinari campestris</i>	7,995	14,640	7,601	8,579	5,265				44,081	37	38,631	5,449
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	23,116	9,252	8,612						40,980	22	38,216	2,764
Sarebebeballi		<i>Vouacapoua macropetala</i>	11,944	12,359	4,274	3,273	4,260	1,561			37,671	61	2,285	35,386
Marishiballi		<i>Licania spp.</i>	9,585	5,151	3,152					9,970	27,858	54	24,445	3,413
Futui		<i>Jacaranda copaia</i>	4,067	5,229	9,699	5,579					24,574	47	13,100	11,474
Korokororo		<i>Ormosia coutinhoi</i>	9,083	7,450	5,795	1,868					24,196	34	14,917	9,279
Sawari		<i>Caryocar nuciferum</i>	985	5,653	3,870		1,484	2,282	4,861		19,135	45	12,113	7,022
Kakaralli wina		<i>Lecythis corrugata</i>	7,160	7,671		2,347					17,178	35	12,848	4,330
Huruasa		<i>Abarema jupunba</i>	2,192	5,276	1,043		3,976	4,590			17,077	41	11,069	6,008
Cedar white		<i>Tabebuia insignis v. monophylla</i>	2,893	5,384	2,506				4,220		15,003	38	9,272	5,731
Wadara		<i>Couratari spp.</i>	2,610	3,134	5,731	1,810					13,284	37	9,100	4,184
Haudan		<i>Lecythis spp.</i>	1,706	2,648						8,211	12,565	67	12,565	
Kauta		<i>Licania spp.</i>	5,830	1,450	2,401						9,681	41	4,381	5,300
Uya		<i>Parkia ulei</i>			5,116					4,511	9,627	60	9,627	
Asepoko		<i>Pouteria guianensis</i>	733	872	847					5,708	8,160	72	1,719	6,441
Cow wood		<i>Bagassa guianensis</i>	1,303	3,970		2,812					8,085	52	4,115	3,970
Buruma		<i>Pourouma spp.</i>	4,485	2,229							6,713	44	4,933	1,780
Kokoritiballi		<i>Ichthyophora elegans; Oxythece spp.; Planchonella elegans; Pouteria spp.</i>	2,745	1,865		1,847					6,457	42	2,978	3,479
Suradan		<i>Hieronyma alchorneoides</i>	2,500	2,357	1,449						6,306	47	1,258	5,048
Maho		<i>Sterculia spp.</i>	736	4,749							5,485	54	4,749	736
Duka		<i>Tapirira marchandii</i>	4,184	942							5,127	43	2,210	2,916
Maho smooth leaf		<i>Sterculia pruriens</i>	1,936	2,501							4,437	54	1,563	2,874
Bat seed		<i>Andira spp.</i>		1,246					3,126		4,373	77	4,373	
Kamahora		<i>Pouteria spp.</i>	2,023		2,171						4,194	78	1,118	3,076
Watapa		<i>Eperua rubiginosa</i>	3,284	576							3,861	70	1,487	2,374
Dukaliballi		<i>Brosimum rubescens</i>	703		2,348						3,051	80	703	2,348
Inyek		<i>Antonia ovata</i>				2,812					2,812	100	2,812	
Hipanai		<i>Parkia pendula</i>	805		1,911						2,716	76	1,911	805
Wadara broad leaf		<i>Couratari spp.</i>			2,635						2,635	100		2,635
Hachiballi		<i>Pera spp.</i>		2,489							2,489	100	1,472	1,018
Iteballi		<i>Vochysia spp.</i>			2,244						2,244	100	2,244	
Barakaro		<i>Ormosia spp.</i>	665		1,357						2,022	74	665	1,357
Dukuria		<i>Sacoglottis guianensis</i>	1,997								1,997	71		1,997
Limonaballi		<i>Chrysophyllum pomiferum</i>	1,023								1,023	100	1,023	
Kakaralli fine leaf		<i>Eschweilera grata</i>	916								916	100		916
Fukadi		<i>Buchenavia spp.</i>	690								690	100	690	
Fukadi hill		<i>Terminalia amazonia</i>	570								570	100		570
Asepokoballi		<i>Pouteria jenmanii</i>	479								479	100		479
Asepokoballi fine leaf		<i>Pouteria caimito</i>									-	-		
Haiawa		<i>Protium spp.</i>									-	-		
Haiawaballi		<i>Protium tenuifolium</i>									-	-		
Kakaralli guava skin		<i>Eschweilera alata</i>									-	-		
Kauta fine leaf		<i>Licania spp.</i>									-	-		
Manariballi black		<i>Parkia nitida</i>									-	-		
Trysil		<i>Pentaclethra macroloba</i>									-	-		
Wadara fine leaf		<i>Couratari multiflora</i>									-	-		
Wallaba ituri		<i>Campsiandra comosa; Eperua spp.</i>									-	-		
Dakama		<i>Dimorphandra conjugata</i>									-	-		

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)				
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect		
Darina		<i>Hymenolobium flavum</i>													
Koraball		<i>Hymenolobium spp.</i>													
<b>Sub-total (3)</b>			<b>247,793</b>	<b>175,251</b>	<b>107,951</b>	<b>42,059</b>	<b>14,985</b>	<b>15,779</b>	<b>37,183</b>	<b>641,000</b>	<b>8</b>	<b>421,552</b>	<b>219,448</b>		
Kautaballi		<i>Licania spp.</i>	47,134	18,554	6,053	1,835					73,576	17	39,315	34,261	
Unknown			9,149	6,902	10,424	6,008					32,483	28	10,202	22,281	
Moraballi		<i>Pouteria minutiflora</i>	13,445	8,350	2,439	5,969					30,203	33	11,172	19,030	
Parakusan		<i>Swartzia jenmanii</i>	996		5,255				3,862	12,981	23,094	62		23,094	
Congo pump		<i>Cecropia spp.</i>	12,996	3,744	1,933						18,672	51	17,596	1,076	
Manariballi		<i>Elizabetha princeps; Pithecellobium spp.</i>	1,892	1,468	5,492	3,179	6,506				18,536	53	12,306	6,230	
Silverballi sawari skin		<i>Ocotea canaliculata</i>	1,513	6,181		9,932					17,626	68	14,953	2,673	
Matamba		<i>Cedrela spp.</i>								11,292	11,292	100	11,292		
Barabara		<i>Diospyros spp.</i>	6,604	3,528						10,131	41	7,287	2,844		
Warakosa		<i>Inga spp.</i>	3,571	2,693	1,528	1,668					9,459	40	1,668	7,792	
Hakiaballi		<i>Vitex spp.</i>	753	953					7,693		9,399	83	9,399		
Maho rough leaf		<i>Xylosterculia rugosa</i>	3,946	3,524							7,470	56	3,946	3,524	
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>	2,667	3,524							6,192	51	2,951	3,240	
Apoukito		<i>Chamaecrista apoucouita</i>	2,698	1,973	1,496						6,167	55		6,167	
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>	645	4,628							5,274	63	4,628	645	
Komaramara		<i>Duroia eriopila</i>							4,894		4,894	100		4,894	
Kaditiri		<i>Sclerolobium guianensis</i>	1,199	775				2,853			4,827	63		4,827	
Kuyama		<i>Licania heteromorpha; Xylopi nitida; X. spp.</i>	1,590		3,121						4,711	71	3,602	1,109	
Buruburuli		<i>Licania spp.</i>	2,582	2,118							4,699	61	3,953	746	
Koraro						4,684					4,684	100	4,684		
Himoradan									4,479		4,479	100	4,479		
Devildoer tree		<i>Strychnos spp.</i>			4,295						4,295	100		4,295	
Warakaoro		<i>Laetia pocera</i>	3,886								3,886	77	3,886		
Aimoradan			1,270	2,240							3,510	73	1,270	2,240	
Ruri red skin			568	2,667							3,236	59	3,236		
Kamakuti		<i>Bombax spp.</i>			2,714						2,714	100	2,714		
Halchiballi		<i>Ipomoea phillomega</i>	1,343	1,294							2,637	100	1,343	1,294	
Duru		<i>Apeiba spp.</i>	1,661		941						2,602	52	439	2,163	
Silverballi Gingergale		<i>Aniba spp.</i>	634			1,900					2,534	100	634	1,900	
Silverballi		<i>Ocotea spp.</i>	2,416								2,416	100		2,416	
Hurihi		<i>Humiriastrum obovata</i>	2,130								2,130	72	1,321	809	
Ruri		<i>Chaetocarpus spp.</i>	1,955								1,955	66	365	1,590	
Kakarua		<i>Pradosia schomburgkii</i>	767	1,158							1,925	72	1,925		
Konoko		<i>Licania cuprea; Pouteria engleri</i>	1,199			614					1,814	60	1,814		
Charcoal			1,635								1,635	76	1,147	488	
Muneridan		<i>Siparuna spp.</i>	1,627								1,627	100	1,627		
Aruadan		<i>Sloania/Couepia spp.</i>	422		1,104						1,526	76	1,466	60	
Unikiakia		<i>Licania spp.</i>	1,429								1,429	100		1,429	
Kaiarima		<i>Maytenus spp.</i>	454		906						1,360	74		1,360	
Arara broad leaf			1,345								1,345	100	1,345		
Waiaballi		<i>Tapura guianensis</i>	1,232								1,232	100	1,232		
Asashi		<i>Rheedia spp.</i>	1,226								1,226	100	1,226		
Blackheart		<i>Acosmium praeclara</i>	1,176								1,176	100		1,176	
Table tree		<i>Cordia exaltata</i>	1,111								1,111	100		1,111	
Tureli		<i>Inga gracilifolia; Zygia racemosa</i>		1,075							1,075	100	1,075		
Imirimiaballi		<i>Chamaecrista adaintifolia</i>	1,063								1,063	59		1,063	
Aiomorakushi		<i>Pouteria cladantha</i>	905								905	100		905	



Species		Diameter class (cm)								Quality (40cm+)		
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Awasokule	<i>Tovomita spp.</i>	836							836	100	836	
Arara	<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>	808							808	100	808	
Kulishiri white		751							751	100	751	
Maburia		673							673	100	673	
Yarri yarri	<i>Duguetia spp.</i>	642							642	100	642	
Arara smooth skin	<i>Guatteria atra</i>	507							507	100	507	
Kanoaballi	<i>Byrsonima stipulacea</i>	495							495	100	495	
Manobodin	<i>Emmotum spp.</i>	495							495	100	495	
Bakupur	<i>Pouteria spp.</i>	340							340	100	340	
Silverballi Almond Gale	<i>Aniba citrifolia</i>	214							214	100		214
Adebero	<i>Paypayrola longifolia</i>											
Akarako	<i>Marlierea schomburgkiana</i>											
Arara fine leaf	<i>Guatteria schomburgkiana</i>											
Arrow Palm												
Awati	<i>Maprounea guianensis</i>											
Banyaballi	<i>Eugenia spp.</i>											
Barataballi	<i>Ecclinusa sanguinolenta</i>											
Baririkuti	<i>Mabea piriri</i>											
Bartaballi	<i>Ecclinusa guianensis</i>											
Bauwaua	<i>Astronium ulei</i>											
Bloodwood	<i>Vismia spp.</i>											
Boba	<i>Iriarteia exorrhiza</i>											
Bokotokon	<i>Hirtella spp.</i>											
Bukabukatokon												
Carambi												
Cocane tree	<i>Erythroxylum spp.</i>											
Corkwood	<i>Pterocarpus officinalis</i>											
Curry tree	<i>Pogonophora schomburgkiana</i>											
Fern Tree	<i>Touroulia guianensis</i>											
Greenheart gale	<i>Aniba excelsa</i>											
Hatti	<i>Hevea spp.</i>											
Hikuribianda												
Hurehi												
Ibibanaro												
Imirimia												
Iron Mary	<i>Clathrotropis paradoxa</i>											
Ishirodan												
Ite Palm	<i>Mauritia flexuosa</i>											
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>											
Kakirio	<i>Calycolpus goetheanus; C. revolutus; Myrcia rufipila; Myrciaria floribunda; Plinia pinnata</i>											
Kakotaro	<i>Ilex martiniana</i>											
Karababalli	<i>Guarea guidonia</i>											
Karapai	<i>Annona haematantha</i>											
Karishiri	<i>Ephedranthus guianensis; Oxandra asbeckii</i>											
Kawakaia												
Kokorite	<i>Attalea regia</i>											
Komaramaraballi	<i>Amaioua guianensis</i>											
Kudibushi	<i>Micropholis venulosa</i>											
Kufiballi	<i>Guarea pubescens</i>											
Kulishiri	<i>Matayba spp.; Vouarana guianensis</i>											

Species	Common name	Botanical name	Diameter class (cm)								SE%	Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+		Perfect	Defect		
Kumakaballi		<i>Coussapoa hypochloro; Ficus mathewsii</i>													
Kumaramara															
Kurihikoyoko															
Lu Palm		<i>Oenocarpus bacaba</i>													
Mababalli		<i>Aparisthium cordatum; Conceveiba guianensis</i>													
Maburilli		<i>Maburea trinervis</i>													
Mabwa		<i>Himatanthus spp.</i>													
Maddabori		<i>Clusia spp.</i>													
Maho black		<i>Rollinia exsucca</i>													
Mamudan		<i>Guapira spp.; Neea spp.</i>													
Manaka															
Manicole		<i>Euterpe oleracea</i>													
Merechiballi															
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>													
Quaku															
Rokoroko		<i>Macoubea guianensis</i>													
Serebedan		<i>Swartzia spp.</i>													
Shiballidan		<i>Hebepetalum humiriifolium</i>													
Shirada		<i>Inga laterifolia</i>													
Silverballi boradia															
Silverballi pear leaf		<i>Ocotea acutangula</i>													
Sweetheart		<i>Talisia spp.</i>													
Takariwa															
Taparau		<i>Myrciaria vismeifolia</i>													
Taparaballi		<i>Myrciaria spp.</i>													
Turu		<i>Jessenia bataua</i>													
Wakaradan		<i>Miconia spp.</i>													
Wakau		<i>Sapium jenmanii</i>													
Waraia		<i>Miconia punctata</i>													
Warunana		<i>Hortia regia</i>													
Wild Cherry		<i>Eugenia patrisii</i>													
Wild Guava		<i>Calycolpus goetheanus</i>													
Yaki		<i>Guettarda acreana</i>													
Yawaredan		<i>Sclerolobium spp.</i>													
Corkwood hill		<i>Pterocarpus rohrii</i>													
Johnbacai															
Koyechiballi		<i>Lueheopsis rugosa</i>													
Monkey mollases		<i>Cassia spp.</i>													
Warishi															
Yakoro															
<b>Sub-total (4)</b>			150,594	77,350	47,699	35,789	13,838	16,449	24,273	365,991	10	197,043	168,948		
<b>TOTAL</b>			1,187,121	1,051,462	701,255	386,738	331,867	132,617	190,807	3,981,867	5	2,615,923	1,365,943		



**Appendix IV**

**VT - MGB**

Stand table of Total volume (m3) for MGB (15288 ha, 26 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)		
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Greenheart		<i>Chlorocardium rodiei</i>	34,746	41,067	29,924	16,540	5,746	1,253		129,275	21	88,837	40,438
Purpleheart		<i>Peltogyne spp.</i>	629	1,231			1,710		3,087	6,656	62	6,656	
Bulletwood		<i>Manilkara bidentata</i>		2,778		1,825				4,603	61	4,603	
Letterwood		<i>Brosimum guianensis</i>		1,099						1,099	100		1,099
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>								-			
<b>Sub-total (0)</b>			<b>35,375</b>	<b>46,174</b>	<b>29,924</b>	<b>18,365</b>	<b>7,455</b>	<b>1,253</b>	<b>3,087</b>	<b>141,633</b>	<b>20</b>	<b>101,195</b>	<b>40,438</b>
Wamaradan		<i>Dicorynia guianensis</i>	14,519	15,274	26,115	16,427	4,490			76,825	18	42,221	34,604
Wamara		<i>Swartzia leiocalycina</i>	28,142	14,646	9,350					52,138	23	27,103	25,036
Mora		<i>Mora excelsa</i>	4,248	6,794	6,374	7,068	2,053	7,370	5,028	38,935	38	15,428	23,507
Yarula		<i>Aspidosperma spp.</i>	5,044	11,519	4,825	11,153	2,005	3,009		37,556	38	19,744	17,812
Crabwood		<i>Carapa spp.</i>	12,407	7,226	2,876	3,507				26,016	30	18,567	7,448
Suya		<i>Pouteria speciosa</i>	3,290	12,799	2,553	6,412				25,054	39	21,513	3,540
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	4,574	3,259	2,122	4,846				14,801	25	9,419	5,381
Locust		<i>Hymenaea spp.</i>							11,821	11,821	71	11,821	
Aromata		<i>Clathrotropis spp.</i>	4,972	2,121						7,093	54	6,038	1,056
Dalli hill		<i>Virola longata</i>	913	2,092	2,926					5,930	60	5,930	
Shibadan		<i>Aspidosperma spp.</i>	891		1,516	2,994				5,400	61	4,909	491
Simarupa		<i>Quassia simarouba</i>	970	650	1,567					3,187	59	3,187	
Morabukea		<i>Mora gonggrijpii</i>	1,305		1,257					2,562	73	1,893	669
Tatabu		<i>Diplotropis purpurea</i>	419	1,832						2,251	83	2,251	
Tauroniro		<i>Humiria balsamifera</i>	1,491							1,491	100	629	862
Dalli		<i>Virola surinamensis &amp; sebifera</i>		1,468						1,468	100	1,468	
Itikiboroballi		<i>Swartzia spp.</i>	1,335							1,335	56	832	503
Ulu		<i>Trattinickia spp.</i>	456	695						1,150	71	1,150	
Dalli swamp		<i>Virola spp.</i>	205							205	100		205
Manniballi		<i>Moronobea coccinea</i>								-			
Silverballi yellow		<i>Aniba hypoglauca</i>								-			
<b>Sub-total (1)</b>			<b>85,183</b>	<b>80,374</b>	<b>61,480</b>	<b>52,406</b>	<b>8,548</b>	<b>10,380</b>	<b>16,849</b>	<b>315,220</b>	<b>11</b>	<b>194,104</b>	<b>121,116</b>
Wallaba soft		<i>Eperua falcata</i>	14,862	15,278	7,251	3,369	1,333			42,093	29	25,270	16,824
Baromalli		<i>Catostemma spp.</i>	9,673	7,557	1,889					19,119	32	15,243	3,875
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	4,753	8,249	2,296	3,161				18,458	31	11,552	6,906
Maporokon		<i>Inga alba</i>		3,586	4,064					7,650	44	4,580	3,071
Kurokai		<i>Protium decandrum</i>	4,256	1,426						5,682	40	4,700	982
Silverballi kereti		<i>Ocotea spp.</i>	3,031		1,083					4,113	44	3,034	1,079
Monkey pot		<i>Lecythis zabucajo</i>	826	1,606	838					3,270	44	3,270	
Manni		<i>Symphonia globulifera</i>		923	1,136					2,059	62	923	1,136
Ubudi		<i>Anacardium giganteum</i>	608							608	100		608
Karohoro		<i>Schefflera spp.</i>	357							357	100	357	
Dukalli		<i>Parahancornia fasciculata</i>								-			
Kirikaua		<i>Iryanthera spp.</i>								-			
<b>Sub-total (2)</b>			<b>38,366</b>	<b>38,624</b>	<b>18,556</b>	<b>6,530</b>	<b>1,333</b>			<b>103,410</b>	<b>16</b>	<b>68,929</b>	<b>34,481</b>
Kakaralli black		<i>Eschweilera subgladulosa</i>	28,789	17,353	2,764					48,906	23	34,963	13,943
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	16,114	13,048	6,982	5,275				41,420	36	40,687	732
Huruasa		<i>Abarema jupunba</i>		2,935	1,218	1,035	1,862	3,131		10,181	41	5,748	4,433
Kakaralli others		<i>Eschweilera spp.</i>	2,490	3,054				3,158		8,702	51	3,778	4,924
Korokororo		<i>Ormosia coutinhoi</i>	2,771	1,798	3,129					7,698	55	4,179	3,519
Kakaralli wina		<i>Lecythis corrugata</i>	4,119	1,562						5,680	48	4,570	1,110
Sarebebeballi		<i>Vouacapoua macropetala</i>	575	1,663	3,257					5,495	90	575	4,919
Burada		<i>Parinari campestris</i>					5,129			5,129	100	5,129	
Wadara		<i>Couratari spp.</i>	766	2,798		1,140				4,705	50	1,906	2,798

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Kakaralli smooth leaf		<i>Eschweilera</i> spp.	3,321	880	406						4,607	55	2,621	1,986
Kokoritiballi		<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	2,296		1,816						4,111	62	4,111	
Marishiballi		<i>Licania</i> spp.	2,032	1,281							3,313	51	3,313	
Cow wood		<i>Bagassa guianensis</i>	1,052	2,214							3,266	55	3,266	
Barakaro		<i>Ormosia</i> spp.	1,132	2,130							3,263	59	1,762	1,501
Hairariballi		<i>Alexa</i> spp.	1,173	2,089							3,261	79		3,261
Kauta		<i>Licania</i> spp.	2,909								2,909	43	2,909	
Dukuria		<i>Sacoglottis guianensis</i>				2,677					2,677	100	2,677	
Kakaralli fine leaf		<i>Eschweilera grata</i>	1,116	1,508							2,624	56	2,161	463
Wadara broad leaf		<i>Couratari</i> spp.				2,138					2,138	100	2,138	
Maho		<i>Sterculia</i> spp.	558	763	748						2,069	56	748	1,321
Futui		<i>Jacaranda copaia</i>	1,539								1,539	70	869	670
Buruma		<i>Pourouma</i> spp.	1,471								1,471	100	1,471	
Fukadi		<i>Buchenavia</i> spp.							1,455		1,455	100	1,455	
Watapa		<i>Eperua rubiginosa</i>	405	1,023							1,428	100	1,428	
Cedar white		<i>Tabebuia insignis</i> v. <i>monophylla</i>	913		477						1,390	67		1,390
Sawari		<i>Caryocar nuciferum</i>	251	1,083							1,334	83	1,083	251
Hipanai		<i>Parkia pendula</i>		1,267							1,267	100	1,267	
Iteballi		<i>Vochysia</i> spp.				1,234					1,234	100	1,234	
Devil's ear		<i>Enterolobium cyclocarpum</i>			1,029						1,029	100	1,029	
Kamahora		<i>Pouteria</i> spp.	877								877	100	877	
Wadara fine leaf		<i>Couratari multiflora</i>	861								861	100	861	
Asepokoballi fine leaf		<i>Pouteria caimito</i>	821								821	100	821	
Asepoko		<i>Pouteria guianensis</i>	589								589	100		589
Asepokoballi		<i>Pouteria jenmanii</i>	489								489	100	489	
Suradan		<i>Hieronyma alchorneoides</i>				428					428	100		428
Duka		<i>Tapirira marchandii</i>	372								372	100		372
Hachiballi		<i>Pera</i> spp.									-			
Haiawa		<i>Protium</i> spp.									-			
Haiawaballi		<i>Protium tenuifolium</i>									-			
Inyek		<i>Antonia ovata</i>									-			
Kakaralli guava skin		<i>Eschweilera alata</i>									-			
Kauta fine leaf		<i>Licania</i> spp.									-			
Koraroballi		<i>Hymenolobium</i> spp.									-			
Maho smooth leaf		<i>Sterculia pruriens</i>									-			
Trysil		<i>Pentaclethra macroloba</i>									-			
Wallaba ituri		<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.									-			
Darina		<i>Hymenolobium flavum</i>									-			
Tonka bean		<i>Dipteryx odorata</i>									-			
<b>Sub-total (3)</b>			<b>79,802</b>	<b>58,450</b>	<b>21,826</b>	<b>13,928</b>	<b>6,991</b>	<b>6,289</b>	<b>1,455</b>	<b>188,740</b>	<b>13</b>	<b>140,129</b>	<b>48,610</b>	
Unknown			4,098	4,219	3,494	4,522					16,332	40	12,318	4,014
Kautaballi		<i>Licania</i> spp.	6,887	5,351	336						12,574	35	10,511	2,063
Moraballi		<i>Pouteria minutiflora</i>	4,142	4,556	2,422						11,120	30	6,336	4,783
Kaditiri		<i>Sclerolobium guianensis</i>	1,232	1,327	1,957	1,140					5,656	47	3,858	1,798
Mora sand		<i>Dicymbe corymbosa</i> ; <i>Talisia squarrosa</i>	2,544	2,220	671						5,435	100	787	4,648
Silverballi sawari skin		<i>Ocotea canaliculata</i>	1,350	698	1,617						3,665	54	1,522	2,142
Warakosa		<i>Inga</i> spp.	1,695	1,470							3,165	51	815	2,350
Maho rough leaf		<i>Xylosterculia rugosa</i>			2,958						2,958	100		2,958
Kuyama		<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	2,678								2,678	49	2,130	548
Manariballi		<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	574		2,076						2,650	57	1,527	1,123
Aiomorakushi		<i>Pouteria cladantha</i>	466	2,096							2,561	60	1,252	1,309



Species		Diameter class (cm)								Quality (40cm+)		
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Ruri red skin		950	982						1,932	53	1,473	460
Duru	<i>Apeiba</i> spp.				910				1,667	70	1,667	
Korowaroballi			1,584						1,584	100	1,584	
Apoukito	<i>Chamaecrista apoucouita</i>		1,319						1,319	100	1,319	
Devildoer tree	<i>Strychnos</i> spp.		1,007						1,007	100	1,007	
Kamakuti	<i>Bombax</i> spp.	850							850	100	850	
Kumakaballi	<i>Coussapoa hypochloro</i> ; <i>Ficus mathewsii</i>			808					808	100		808
Aimoradan				770					770	100		770
Arikadako	<i>Byrsonima</i> spp.	410							410	100		410
Corkwood hill	<i>Pterocarpus rohrii</i>	403							403	100		403
Konoko	<i>Licania cuprea</i> ; <i>Pouteria engleri</i>	344							344	100	344	
Aruadan	<i>Sloania/Couepia</i> spp.		292						292	100	292	
Warakaioero	<i>Laetia pocera</i>		231						231	100		231
Kanoaballi	<i>Byrsonima stipulacea</i>	186							186	100	186	
Hicha	<i>Byrsonima spicata</i>	170							170	100		170
Adebero	<i>Paypayrola longifolia</i>											
Arara	<i>Bocageopsis multiflora</i> ; <i>Guatteria</i> spp.; <i>Unonopsis glaucopetala</i>											
Arara broad leaf												
Arara fine leaf	<i>Guatteria schomburgkiana</i>											
Arara smooth skin	<i>Guatteria atra</i>											
Asashi	<i>Rheedia</i> spp.											
Awasokule	<i>Tovomita</i> spp.											
Bakupur	<i>Pouteria</i> spp.											
Banyaballi	<i>Eugenia</i> spp.											
Barabara	<i>Diospyros</i> spp.											
Buradiye	<i>Nectandra grandis</i>											
Buruburuli	<i>Licania</i> spp.											
Congo pump	<i>Cecropia</i> spp.											
Fern Tree	<i>Touroulia guianensis</i>											
Greenheart gale	<i>Aniba excelsa</i>											
Hikuribianda												
Hishirudan	<i>Dulacia guianensis</i> ; <i>Platymiscium trinitatis</i>											
Imirimiaballi	<i>Chamaecrista adaintifolia</i>											
Iron Mary	<i>Clathrotropis paradoxa</i>											
Itara												
Ituri-ishi-lokodo	<i>Helicostylis tomentosa</i>											
Kakarua	<i>Pradosia schomburgkii</i>											
Kakotaro	<i>Ilex martiniana</i>											
Karababalli	<i>Guarea guidonia</i>											
Karishiri	<i>Ephedranthus guianensis</i> ; <i>Oxandra asbeckii</i>											
Kokorite	<i>Attalea regia</i>											
Komaramara	<i>Duroia eriopila</i>											
Kudibiushi	<i>Micropholis venulosa</i>											
Kulishiri	<i>Matayba</i> spp.; <i>Vouarana guianensis</i>											
Kulishiri white												
Kumaramara												
Kwako	<i>Marlierea montana</i>											
Lu Palm	<i>Oenocarpus bacaba</i>											
Maburia												
Maburilli	<i>Maburea trinervis</i>											
Maddabori	<i>Clusia</i> spp.											
Mamudan	<i>Guapira</i> spp.; <i>Neea</i> spp.											



Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Manicole		<i>Euterpe oleracea</i>												
Manobodin		<i>Emmotum spp.</i>												
Monkey mollases		<i>Cassia spp.</i>												
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>												
Quaku														
Rokoroko		<i>Macoubea guianensis</i>												
Ruri		<i>Chaetocarpus spp.</i>												
Serebedan		<i>Swartzia spp.</i>												
Shiballidan		<i>Hebepetalum humiriifolium</i>												
Shirada		<i>Inga laterifolia</i>												
Silverballi		<i>Ocotea spp.</i>												
Silverballi Almond Gale		<i>Aniba citrifolia</i>												
Silverballi Gingergale		<i>Aniba spp.</i>												
Silverballi pear leaf		<i>Ocotea acutangula</i>												
Silverballi shirua														
Table tree		<i>Cordia exaltata</i>												
Taparaballi		<i>Myrciaria spp.</i>												
Tureli		<i>Inga gracilifolia; Zygia racemosa</i>												
Turu		<i>Jessenia bataua</i>												
Vitya sand														
Waiaballi		<i>Tapura guianensis</i>												
Wakaradan		<i>Miconia spp.</i>												
Waraia		<i>Miconia punctata</i>												
Warua		<i>Cassia spp.</i>												
Wild Cherry		<i>Eugenia patrisii</i>												
Wild Guava		<i>Calycolpus goetheanus</i>												
Yaridan														
Yarri yarri		<i>Duguetia spp.</i>												
Yawaredan		<i>Sclerobium spp.</i>												
Jack-in-the-box		<i>Hernandia guianensis</i>												
Kanakudiballi		<i>Alchornea triplinervia; Alchorneopsis floribunda; Cochlospermum orinocense; C. spp.; Dichapetalum pedunculatum</i>												
Kereti High Bush														
Unikiakia		<i>Licania spp.</i>												
<b>Sub-total (4)</b>			<b>28,979</b>	<b>28,109</b>	<b>17,108</b>	<b>6,572</b>					<b>80,768</b>	<b>17</b>	<b>49,778</b>	<b>30,989</b>
<b>TOTAL</b>			<b>267,704</b>	<b>251,731</b>	<b>148,894</b>	<b>97,801</b>	<b>24,328</b>	<b>17,921</b>	<b>21,390</b>	<b>829,770</b>	<b>8</b>	<b>554,135</b>	<b>275,635</b>	

**Appendix IV**

**VT - MMC**

Stand table of Total volume (m3) for MMC (30363 ha, 40 transects)

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	55,081	56,081	80,132	60,874	15,741	747			268,655	20	220,153	48,502
Bulletwood		<i>Manilkara bidentata</i>	3,289	6,896	3,985		3,635	2,448			20,253	41	16,389	3,864
Purpleheart		<i>Peltogyne spp.</i>	716	1,658		4,733	2,714	4,948			14,768	49	14,768	
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>	1,284								1,284	70		1,284
Letterwood		<i>Brosimum guianensis</i>									-	-		
Purpleheart saka		<i>Peltogyne venosa</i>									-	-		
<b>Sub-total (0)</b>			<b>60,370</b>	<b>64,634</b>	<b>84,117</b>	<b>65,607</b>	<b>22,089</b>	<b>8,143</b>		<b>304,959</b>	<b>18</b>	<b>251,309</b>	<b>53,650</b>	
Mora		<i>Mora excelsa</i>	71,063	104,305	83,035	63,858	18,365	35,104	46,981	422,712	15	263,814	158,898	
Wamaradan		<i>Dicorynia guianensis</i>	26,533	26,399	34,652	47,558	11,147	17,396	15,763	179,448	16	127,621	51,828	
Crabwood		<i>Carapa spp.</i>	23,118	16,186	15,907	4,030			6,990	66,231	26	46,768	19,463	
Wamara		<i>Swartzia leiocalycina</i>	29,100	26,183	7,950					63,233	20	42,948	20,285	
Yarula		<i>Aspidosperma spp.</i>	4,391	9,781	6,448	3,340	8,775	3,063		35,798	44	28,180	7,618	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	3,634	8,813	2,526	5,493	2,826	7,706		30,998	23	9,269	21,729	
Dalli		<i>Virola surinamensis &amp; sebifera</i>	5,915	3,380	5,409					14,704	80	7,644	7,060	
Aromata		<i>Clathrotropis spp.</i>	8,385	3,689						12,074	45	9,265	2,809	
Simarupa		<i>Quassia simarouba</i>			1,994		5,103	3,831		10,928	62	5,103	5,825	
Suya		<i>Pouteria speciosa</i>	1,964	8,824						10,787	45	7,410	3,378	
Morabukea		<i>Mora gonggrijpii</i>	2,822		1,431	2,981				7,234	55	3,684	3,550	
Itikiboroballi		<i>Swartzia spp.</i>	2,780	2,190	1,957					6,927	41	4,455	2,473	
Tauroniro		<i>Humiria balsamifera</i>	3,004	764	1,957					5,724	73	3,767	1,957	
Dalli swamp		<i>Virola spp.</i>	1,111	3,948						5,060	60	2,776	2,283	
Dalli hill		<i>Virola longata</i>	1,790							1,790	77	1,790		
Ulu		<i>Trattinickia spp.</i>	1,714							1,714	100	1,714		
Shibadan		<i>Aspidosperma spp.</i>	901							901	100		901	
Silverballi yellow		<i>Aniba hypoglauca</i>								-	-			
Washiba		<i>Tabebuia spp.</i>								-	-			
<b>Sub-total (1)</b>			<b>188,222</b>	<b>214,462</b>	<b>163,266</b>	<b>127,261</b>	<b>46,215</b>	<b>67,100</b>	<b>69,734</b>	<b>876,261</b>	<b>9</b>	<b>566,206</b>	<b>310,056</b>	
Wallaba soft		<i>Eperua falcata</i>	64,271	38,441	34,079	18,171	3,272	3,534	8,435	170,203	17	106,771	63,432	
Baromalli		<i>Catostemma spp.</i>	22,914	8,410	5,872			8,650		45,846	43	35,250	10,596	
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	8,896	6,052						14,948	42	10,466	4,482	
Monkey pot		<i>Lecythis zabucajo</i>	4,002	1,107	1,923				3,870	10,903	47	6,518	4,385	
Dukalli		<i>Parahancornia fasciculata</i>	1,080	2,983					5,417	9,480	62	7,690	1,791	
Maporokon		<i>Inga alba</i>	3,372	577	4,086					8,035	47	5,571	2,464	
Silverballi kereti		<i>Ocotea spp.</i>	6,398							6,398	43	3,166	3,232	
Manni		<i>Symphonia globulifera</i>	1,143	3,407						4,550	61	1,922	2,628	
Ubudi		<i>Anacardium giganteum</i>						3,534		3,534	100	3,534		
Karohoro		<i>Schefflera spp.</i>	1,443	1,787						3,230	70		3,230	
Kurahara		<i>Calophyllum lucidum</i>			2,173					2,173	100	2,173		
Kurokai		<i>Protium decandrum</i>	399	1,342						1,742	80	399	1,342	
Kirikaua		<i>Iryanthera spp.</i>								-	-			
<b>Sub-total (2)</b>			<b>113,918</b>	<b>64,108</b>	<b>48,132</b>	<b>18,171</b>	<b>3,272</b>	<b>15,718</b>	<b>17,722</b>	<b>281,042</b>	<b>14</b>	<b>183,461</b>	<b>97,580</b>	
Kakaralli black		<i>Eschweilera subglandulosa</i>	29,608	12,515	2,854		2,055			47,032	23	26,792	20,240	
Kakaralli others		<i>Eschweilera spp.</i>	12,318	12,602	1,491	3,313				29,723	30	18,235	11,489	
Korokororo		<i>Ormosia coutinhoi</i>	9,521	4,156	4,430	3,347				21,454	31	12,647	8,806	
Burada		<i>Parinari campestris</i>		6,499	1,893	4,488	2,644	5,122		20,647	37	18,002	2,644	
Wadara		<i>Couratari spp.</i>	4,263	3,519	1,623	1,288	3,729	3,248		17,671	32	15,087	2,584	
Kakaralli wina		<i>Lecythis corrugata</i>	3,367	5,882	2,203					11,453	68	11,453		
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	4,029	3,765		2,135				9,930	74	5,179	4,751	
Kakaralli smooth leaf		<i>Eschweilera spp.</i>	3,427	3,266	2,653					9,346	45	3,291	6,055	
Maho		<i>Sterculia spp.</i>	4,410			4,836				9,246	45	7,432	1,814	



Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Kauta		<i>Licania</i> spp.	4,763	2,493							7,256	42	5,756	1,500
Huruasa		<i>Abarema jupunba</i>	1,071	2,908		2,672					6,652	46	1,265	5,387
Uya		<i>Parkia ulei</i>				4,025	2,020				6,046	74	4,025	2,020
Hachiballi		<i>Pera</i> spp.						5,716			5,716	100		5,716
Darina		<i>Hymenolobium flavum</i>				2,057	3,411				5,468	72	2,057	3,411
Sarebebeballi		<i>Vouacapoua macropetala</i>	2,571	2,683							5,254	70	1,911	3,343
Cedar white		<i>Tabebuia insignis</i> v. <i>monophylla</i>	3,611								3,611	77	2,881	731
Watapa		<i>Eperua rubiginosa</i>	2,440	469	572						3,481	61	585	2,896
Asepoko		<i>Pouteria guianensis</i>				3,313					3,313	100		3,313
Futui		<i>Jacaranda copaia</i>	1,266	1,952							3,218	66	830	2,389
Kokoritiballi		<i>Ichthyophora elegans</i> ; <i>Oxythece</i> spp.; <i>Planchonella elegans</i> ; <i>Pouteria</i> spp.	475	2,659							3,134	86	2,659	475
Iteballi		<i>Vochysia</i> spp.	1,667	1,254							2,921	80	1,254	1,667
Sawari		<i>Caryocar nuciferum</i>							2,903		2,903	100	2,903	
Barakaro		<i>Ormosia</i> spp.	851		2,028						2,879	76	2,028	851
Haudan		<i>Lecythis</i> spp.	493	1,424	732						2,648	62	1,225	1,424
Buruma		<i>Pourouma</i> spp.		1,811							1,811	100	1,811	
Bat seed		<i>Andira</i> spp.						1,552			1,552	100		1,552
Kamahora		<i>Pouteria</i> spp.	1,506								1,506	100	1,506	
Dukuria		<i>Sacoglottis guianensis</i>		1,443							1,443	100	1,443	
Duka		<i>Tapirira marchandii</i>	469	912							1,381	69		1,381
Trysil		<i>Pentaclethra macroloba</i>	766	383							1,149	70		1,149
Koraroballi		<i>Hymenolobium</i> spp.	1,141								1,141	100	1,141	
Cow wood		<i>Bagassa guianensis</i>	1,051								1,051	100	1,051	
Fukadi		<i>Buchenavia</i> spp.		1,046							1,046	100		1,046
Hairariballi		<i>Alexa</i> spp.	1,025								1,025	100		1,025
Kakaralli guava skin		<i>Eschweilera alata</i>	999								999	100	999	
Suradan		<i>Hieronyma alchorneoides</i>		630							630	100	630	
Kakaralli fine leaf		<i>Eschweilera grata</i>	571								571	100		571
Wadara fine leaf		<i>Couratari multiflora</i>	240								240	100	240	
Asepokoballi		<i>Pouteria jenmanii</i>									-			
Asepokoballi fine leaf		<i>Pouteria caimito</i>									-			
Fukadi swamp		<i>Terminalia</i> spp.									-			
Haiawa		<i>Protium</i> spp.									-			
Inyek		<i>Antonia ovata</i>									-			
Kauta fine leaf		<i>Licania</i> spp.									-			
Maho smooth leaf		<i>Sterculia pruriens</i>									-			
Marishiballi		<i>Licania</i> spp.									-			
Wadara broad leaf		<i>Couratari</i> spp.									-			
Wallaba ituri		<i>Campsiandra comosa</i> ; <i>Eperua</i> spp.									-			
Haiawaballi		<i>Protium tenuifolium</i>									-			
<b>Sub-total (3)</b>			<b>97,920</b>	<b>74,272</b>	<b>20,479</b>	<b>31,474</b>	<b>21,129</b>	<b>8,371</b>	<b>2,903</b>	<b>256,548</b>	<b>11</b>	<b>156,318</b>	<b>100,230</b>	
Unknown			5,027	11,364	2,569	5,089	2,163				26,213	33	7,277	18,935
Kautaballi		<i>Licania</i> spp.	9,949	5,339							15,288	29	10,937	4,351
Manariballi		<i>Elizabetha princeps</i> ; <i>Pithecellobium</i> spp.	2,197		6,402						8,599	41	5,659	2,940
Moraballi		<i>Pouteria minutiflora</i>	5,564	2,189							7,753	54	1,892	5,860
Kuyama		<i>Licania heteromorpha</i> ; <i>Xylopia nitida</i> ; <i>X.</i> spp.	7,041								7,041	57	5,880	1,162
Silverballi		<i>Ocotea</i> spp.			2,340		3,751				6,091	72	6,091	
Maho rough leaf		<i>Xylosterculia rugosa</i>	4,094	1,320							5,415	52	5,415	
Buruburuli		<i>Licania</i> spp.	3,122			2,247					5,368	60	5,368	
Warakaioero		<i>Laetia pocera</i>		3,247	1,834						5,081	81	5,081	
Warakosa		<i>Inga</i> spp.	1,292				3,173				4,465	88		4,465



Species	Common name	Botanical name	Diameter class (cm)							Quality (40cm+)				
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect	
Apoukito		<i>Chamaecrista apoucouita</i>	891	2,280							3,171	71		3,171
Mora sand		<i>Dicymbe corymbosa; Talisia squarrosa</i>		290	2,615						2,905	90	2,615	290
Himoradan				2,839							2,839	72	1,798	1,041
Barabara		<i>Diospyros spp.</i>	303	2,354							2,657	89	2,354	303
Duru		<i>Apeiba spp.</i>	1,652	471							2,123	57	1,406	717
Matamba		<i>Cedrela spp.</i>						2,085			2,085	100	2,085	
Parakusan		<i>Swartzia jenmanii</i>	433			1,479					1,912	100	1,912	
Koraro				1,850							1,850	100	1,850	
Kakotaro		<i>Ilex martiniana</i>	514	1,136							1,649	75	514	1,136
Silverballi sawari skin		<i>Ocotea canaliculata</i>	1,263								1,263	100	1,263	
Congo pump		<i>Cecropia spp.</i>	1,111								1,111	100		1,111
Silverballi Gingergale		<i>Aniba spp.</i>	953								953	71	556	397
Aiomorakushi		<i>Pouteria cladantha</i>		915							915	100	915	
Corkwood hill		<i>Pterocarpus rohrii</i>	795								795	100	795	
Arara fine leaf		<i>Guatteria schomburgkiana</i>	708								708	100		708
Maddabori		<i>Clusia spp.</i>	614								614	100	614	
Johnbacai			483								483	100	483	
Arara		<i>Bocageopsis multiflora; Guatteria spp.; Unonopsis glaucopetala</i>		469							469	100		469
Bokotokon		<i>Hirtella spp.</i>	390								390	100	390	
Shiballidan		<i>Hebepetalum humiriifolium</i>	374								374	100		374
Karamatakan				332							332	100		332
Huruasaballi			249								249	100		249
Kanoaballi		<i>Byrsonima stipulacea</i>	246								246	100	246	
Adebero		<i>Paypayrola longifolia</i>									-			
Akarako		<i>Marlierea schomburgkiana</i>									-			
Almond		<i>Prunus dulcis</i>									-			
Antswood		<i>Cordia nodosa</i>									-			
Arara broad leaf											-			
Arara smooth skin		<i>Guatteria atra</i>									-			
Arrow Palm											-			
Aruadan		<i>Sloania/Couepia spp.</i>									-			
Asashi		<i>Rheedia spp.</i>									-			
Awatokule		<i>Tovomita spp.</i>									-			
Awati		<i>Maprounea guianensis</i>									-			
Baburia											-			
Banyaballi		<i>Eugenia spp.</i>									-			
Barataballi		<i>Ecclinusa sanguinolenta</i>									-			
Baririkuti		<i>Mabea piriri</i>									-			
Birdhead											-			
Buradiye		<i>Nectandra grandis</i>									-			
Corkwood		<i>Pterocarpus officinalis</i>									-			
Curry tree		<i>Pogonophona schomburgkiana</i>									-			
Greenheart gale		<i>Aniba excelsa</i>									-			
Hakiaballi		<i>Vitex spp.</i>									-			
Hikuribianda											-			
Hishirudan		<i>Dulacia guianensis; Platymiscium trinitatis</i>									-			
Imirimiaballi		<i>Chamaecrista adaintifolia</i>									-			
Iron Mary		<i>Clathrotropis paradoxa</i>									-			
Ishuradan											-			
Ite Palm		<i>Mauritia flexuosa</i>									-			
Ituri-ishi-lokodo		<i>Helicostylis tomentosa</i>									-			
Kaditiri		<i>Sclerobium guianensis</i>									-			

Species		Diameter class (cm)									Quality (40cm+)	
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Kaiarima	<i>Maytenus</i> spp.										-	
Kakarua	<i>Pradosia schomburgkii</i>										-	
Kamakuti	<i>Bombax</i> spp.										-	
Kanakudiballi	<i>Alchornea triplinervia</i> ; <i>Alchorneopsis floribunda</i> ; <i>Cochlospermum orinocense</i> ; <i>C. spp.</i> ; <i>Dichapetalum pedunculatum</i>										-	
Karababalli	<i>Guarea guidonia</i>										-	
Karapai	<i>Annona haematantha</i>										-	
Karapai											-	
Karishiri	<i>Ephedranthus guianensis</i> ; <i>Oxandra asbeckii</i>										-	
Kokorite	<i>Attalea regia</i>										-	
Komaramara	<i>Duroia eriopila</i>										-	
Komaramaraballi	<i>Amaioua guianensis</i>										-	
Konoko	<i>Licania cuprea</i> ; <i>Pouteria engleri</i>										-	
Koyechi											-	
Kudibiushi	<i>Micropholis venulosa</i>										-	
Kulishiri	<i>Matayba</i> spp.; <i>Vouarana guianensis</i>										-	
Kulishiri hairy black	<i>Cupania</i> spp.										-	
Kulishiri white											-	
Kumaramara											-	
Kurahya											-	
Kwako	<i>Marierea montana</i>										-	
Lapani											-	
Laukididan											-	
Lu Palm	<i>Oenocarpus bacaba</i>										-	
Maburia											-	
Maburilli	<i>Maburea trinervis</i>										-	
Mabwa	<i>Himatanthus</i> spp.										-	
Maho black	<i>Rollinia exsucca</i>										-	
Manicole	<i>Euterpe oleracea</i>										-	
Maniquiniballi	<i>Geissospermum</i> spp.										-	
Manobodin	<i>Emmotum</i> spp.										-	
Okokonshi	<i>Lacunaria</i> spp.; <i>Quiina</i> spp.										-	
Pasture tree	<i>Trymatococcus paraensis</i>										-	
Rokoroko	<i>Macoubea guianensis</i>										-	
Ruri red skin											-	
Sandpaper tree	<i>Curatella americana</i>										-	
Serebedan	<i>Swartzia</i> spp.										-	
Shirada	<i>Inga laterifolia</i>										-	
Silverballi Almond Gale	<i>Aniba citrifolia</i>										-	
Silverballi boradia											-	
Table tree	<i>Cordia exaltata</i>										-	
Taparau	<i>Myrciaria vismeifolia</i>										-	
Taparauballi	<i>Myrciaria</i> spp.										-	
Turu	<i>Jessenia bataua</i>										-	
Waiaballi	<i>Tapura guianensis</i>										-	
Wakau	<i>Sapium jenmanii</i>										-	
Waraia	<i>Miconia punctata</i>										-	
Waruwai											-	
Wild Cherry	<i>Eugenia patrisii</i>										-	
Wild Guava	<i>Calycolpus goetheanus</i>										-	
Yaridan											-	
Yarri yarri	<i>Duquetia</i> spp.										-	

Species		Diameter class (cm)									Quality (40cm+)	
Common name	Botanical name	40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect
Yawaredan	<i>Sclerolobium spp.</i>									-		
Kumakaballi	<i>Coussapoa hypochloro; Ficus mathewsii</i>									-		
<b>Sub-total (4)</b>		<b>49,262</b>	<b>36,396</b>	<b>15,761</b>	<b>8,814</b>	<b>11,172</b>			<b>121,406</b>	<b>12</b>	<b>73,396</b>	<b>48,010</b>
<b>TOTAL</b>		<b>509,692</b>	<b>453,873</b>	<b>331,755</b>	<b>251,328</b>	<b>103,877</b>	<b>99,332</b>	<b>90,360</b>	<b>1,840,216</b>	<b>7</b>	<b>1,230,690</b>	<b>609,526</b>

**Appendix IV**

**VT - WF**



Stand table of Total volume (m3) for WF (5726 ha, 10 transects)														
Species	Common name	Botanical name	Diameter class (cm)							SE%	Quality (40cm+)			
			40-50	50-60	60-70	70-80	80-90	90-100	100+		40+	Perfect	Defect	
Greenheart		<i>Chlorocardium rodiei</i>	9,091	4,931	5,616	5,594	5,968	5,008			36,208	46	16,249	19,959
Bulletwood		<i>Manilkara bidentata</i>		1,357							1,357	100	1,357	
Cedar red		<i>Cedrela odorata</i>										-		
Letterwood		<i>Brosimum guianensis</i>										-		
Purpleheart		<i>Peltogyne spp.</i>										-		
Silverballi brown		<i>Cordia alliodora; Licaria canella</i>										-		
<b>Sub-total (0)</b>			<b>9,091</b>	<b>6,288</b>	<b>5,616</b>	<b>5,594</b>	<b>5,968</b>	<b>5,008</b>			<b>37,565</b>	<b>44</b>	<b>17,607</b>	<b>19,959</b>
Yarula		<i>Aspidosperma spp.</i>	1,967	6,914	1,197	3,058					13,136	51	8,881	4,255
Simarupa		<i>Quassia simarouba</i>	865		1,349		5,228				7,442	82	7,442	
Wamaradan		<i>Dicorynia guianensis</i>	459	1,273	3,265						4,997	51	3,265	1,732
Wamara		<i>Swartzia leiocalycina</i>	1,991	2,540							4,531	43	3,363	1,168
Tatabu		<i>Diptotropis purpurea</i>		1,887	1,856						3,743	100	1,887	1,856
Ulu		<i>Trattinickia spp.</i>			3,602						3,602	72	3,602	
Suya		<i>Pouteria speciosa</i>		947	856	1,329					3,132	100	2,276	856
Tauroniro		<i>Humiria balsamifera</i>		917		1,379					2,296	68	2,296	
Silverballi yellow		<i>Aniba hypoglauca</i>							1,983		1,983	100		1,983
Crabwood		<i>Carapa spp.</i>	1,612								1,612	55	1,612	
Aromata		<i>Clathrotropis spp.</i>			1,153						1,153	100	1,153	
Itikiboroballi		<i>Swartzia spp.</i>	476	666							1,142	68	666	476
Shibadan		<i>Aspidosperma spp.</i>		1,080							1,080	100	1,080	
Dalli		<i>Virola surinamensis &amp; sebifera</i>	936								936	100	936	
Dalli hill		<i>Virola longata</i>		884							884	100	884	
Kabukalli		<i>Ampelocera edentula; Goupia glabra</i>	610								610	100		610
Mora		<i>Mora excelsa</i>										-		
Morabukea		<i>Mora gonggripii</i>										-		
<b>Sub-total (1)</b>			<b>8,916</b>	<b>17,108</b>	<b>13,279</b>	<b>5,766</b>	<b>5,228</b>		<b>1,983</b>		<b>52,279</b>	<b>36</b>	<b>39,342</b>	<b>12,937</b>
Wallaba soft		<i>Eperua falcata</i>	20,463	12,228	9,220						41,911	28	33,288	8,623
Baromalli sand		<i>Catostemma altsonii; C. fragrans</i>	6,339	1,243	1,089						8,671	38	6,691	1,981
Baromalli		<i>Catostemma spp.</i>	3,284	603							3,887	36	2,385	1,502
Dukalli		<i>Parahancornia fasciculata</i>		1,326		2,032					3,358	68	3,358	
Manni		<i>Symphonia globulifera</i>	356	1,028							1,384	76	1,028	356
Maporokon		<i>Inga alba</i>			1,253						1,253	100	1,253	
Karohoro		<i>Schefflera spp.</i>		1,081							1,081	100	1,081	
Monkey pot		<i>Lecythis zabucajo</i>		590							590	100		590
Baromalli common		<i>Catostemma commune</i>										-		
Kurokai		<i>Protium decandrum</i>										-		
Pakuri		<i>Platonia insignis</i>										-		
Silverballi kereti		<i>Ocotea spp.</i>										-		
Silverballi wabima		<i>Licaria cayennensis</i>										-		
<b>Sub-total (2)</b>			<b>30,442</b>	<b>18,099</b>	<b>11,562</b>	<b>2,032</b>					<b>62,135</b>	<b>19</b>	<b>49,084</b>	<b>13,051</b>
Korokororo		<i>Ormosia coutinhoi</i>	752	1,826	867			2,721			6,165	60	4,547	1,619
Huruasa		<i>Abarema jupunba</i>	536	738	2,160						3,435	64		3,435
Kakaralli wina		<i>Lecythis corrugata</i>	1,895	474							2,369	68	2,369	
Dakama		<i>Dimorphandra conjugata</i>	478	454	1,005						1,937	88	1,711	227
Koraroballi		<i>Hymenolobium spp.</i>					1,813				1,813	100	1,813	
Wadara		<i>Couratari spp.</i>			1,526						1,526	100		1,526
Cedar white		<i>Tabebuia insignis v. monophylla</i>	1,498								1,498	100	1,498	
Asepoko		<i>Pouteria guianensis</i>	250	951							1,201	100		1,201
Kakaralli black		<i>Eschweilera subglandulosa</i>		858							858	100	858	
Kakaralli wirimiri		<i>Lecythis confertiflora</i>	552								552	100	552	

Species	Common name	Botanical name	Diameter class (cm)								Quality (40cm+)					
			40-50	50-60	60-70	70-80	80-90	90-100	100+	40+	SE%	Perfect	Defect			
Karababalli		<i>Guarea guidonia</i>												-		
Komaramara		<i>Duroia eriopila</i>														
Konoko		<i>Licania cuprea; Pouteria engleri</i>														
Kudibiushi		<i>Micropholis venulosa</i>														
Kulishiri		<i>Matayba spp.; Vouarana guianensis</i>														
Kulishiri hairy black		<i>Cupania spp.</i>														
Kumaramara																
Kuyama		<i>Licania heteromorpha; Xylopia nitida; X. spp.</i>														
Lu Palm		<i>Oenocarpus bacaba</i>														
Maburia																
Maddabori		<i>Clusia spp.</i>														
Mahikaballi																
Maho rough leaf		<i>Xylosterculia rugosa</i>														
Manicole		<i>Euterpe oleracea</i>														
Manobodin		<i>Emmotum spp.</i>														
Okokonshi		<i>Lacunaria spp.; Quiina spp.</i>														
Rokoroko		<i>Macoubea guianensis</i>														
Shiballidan		<i>Hebepetalum humiriifolium</i>														
Shirada		<i>Inga laterifolia</i>														
Table tree		<i>Cordia exaltata</i>														
Unikiakia		<i>Licania spp.</i>														
Waiaballi		<i>Tapura guianensis</i>														
Wakarua																
Warunana		<i>Hortia regia</i>														
Wild Cherry		<i>Eugenia patrisii</i>														
Yakoro																
Yekoro		<i>Endlicheria punctulata; Licaria vernicosa; Ocotea spp.</i>														
Silverballi sawari skin		<i>Ocotea canaliculata</i>														
<b>Sub-total (4)</b>			26,266	9,877	2,214	4,037					42,395	24	24,677	17,718		
<b>TOTAL</b>			81,759	56,674	38,743	17,429	13,009	7,729	1,983	217,326	14	144,969	72,357			