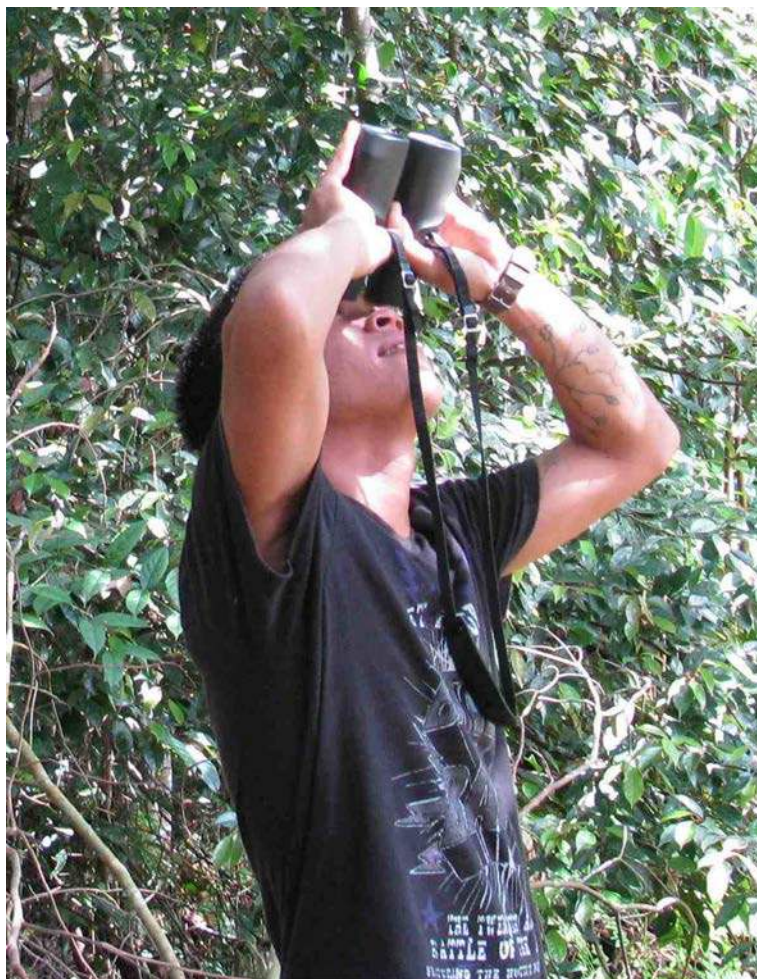


The Fruiting Phenology of Peat-Swamp Forest Tree Species at Sabangau and Tuanan, Central Kalimantan, Indonesia



This report was prepared for
The Kalimantan Forests and Climate Partnership



Australia Indonesia Partnership
Kemitraan Australia Indonesia



This report was prepared in accordance with the guidelines at the time of writing, including the overview of the KFCP project below. This research was carried out in collaboration with the Governments of Australia and Indonesia, but the analysis and findings in this paper represent the views of the author/s and do not necessarily represent the views of those Governments

Australia's International Forest Carbon Initiative is a key part of Australia's international leadership on reducing emissions from deforestation. The Initiative will support international efforts to reduce deforestation through the United Nations Framework Convention on Climate Change (UNFCCC). It aims to demonstrate that reducing emissions from deforestation and forest degradation can be part of an equitable and effective international agreement on climate change. A central element of this is the Initiative's focus on developing practical demonstration activities in our region, particularly in Indonesia and Papua New Guinea.

Indonesia and Australia are working together under the Indonesia- Australia Forest carbon Partnership (The Partnership) to support international efforts on REDD through the UNFCCC. A key focus is on practical demonstration activities to show how REDD can be included in a future global outcome on climate change. Activities under the partnership are funded through Australia's \$200 million International Forest carbon Initiative (IFCI) administered by the Australian Department of Climate Change (DCC) and AusAID.

Australia has committed \$30 million over four years to the Kalimantan Forests and Climate partnership (KFCP). Under the KFCP, Australia and Indonesia are working together to develop and implement a large scale REDD demonstration activity in Central Kalimantan. The KFCP is the first REDD demonstration activity of its kind in Indonesia. It aims to demonstrate a credible, equitable and effective approach to reducing emissions from deforestation and forest degradation, including from the degradation of peatlands, than can inform a future global outcome on climate change. With an overall funding target of \$100 million, the KFCP aims to raise remaining funding through contributions from or coordinated actions with the private sector or other donor countries.

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January 2010

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CONTENTS

EXECUTIVE SUMMARY	i
ACKNOWLEDGEMENTS	ii
ACRONYMS	iii
INTRODUCTION	1
Fruiting Phenology in Tropical Peat-Swamp Forests	1
METHODS	3
Definitions.....	3
Site Locations and Descriptions.....	3
Sabangau	3
Tuanan.....	4
Sampling Methods	4
Sabangau	4
Tuanan.....	4
Sampling Period.....	5
Enumeration.....	5
Species Identification.....	6
Monthly data collection	6
Data Analysis	7
RESULTS	9
Calendar of Species with High Likelihood of Fruiting in Different Months and Fruiting Regularity Categories.....	10
Fruiting Phenology Species Accounts	21
DISCUSSION	276
References.....	278
APPENDICES	280
APPENDIX I - Statistics Showing Likelihood of Fruiting by Species With High Likelihood of Fruiting in Each Month.....	280
APPENDIX II – Tree Species Fruiting Phenology Classifications by Site, Sorted by Regularity of Fruiting	292

EXECUTIVE SUMMARY

In this report, we present the results of a six-year study of the fruiting phenology of Bornean peat-swamp forest trees at two sites: Sabangau and Tuanan. The objective of this research was “to determine the phenology of a broad range of tropical peat-swamp forest tree species found in Central Kalimantan”, in order to facilitate peat-swamp forest restoration activities in Indonesia.

We provide information on the basic fruiting phenology of all tree species located within forest plots monitored each month at the two research sites. In doing so, we provide the first detailed species-by-species accounts of fruiting phenology in Bornean peat-swamp forest. Analyses are presented in the form of species accounts for both sites, including density estimates and identification of the timing of fruiting peaks and the variability surrounding these peaks. From this, each species is categorised as being either a “year-round”, “frequent”, “regular” or “irregular” fruiter, or as never having produced fruit during the study period. A calendar listing the species that can be reliably expected to bear fruit in each month is presented.

In addition to the information presented for each species, we discuss four important points related to the data:

1. Obtaining the fruit of “year-round” and “frequent” fruiting species should be relatively easy, assuming a reasonable stem density at the site in question. Obtaining fruit from those species listed as “never fruited” is likely to be much more difficult, but may not necessarily be impossible.
2. Differences in the fruiting phenology of some species appear to exist between the two sites studied. The reason/s for this remain to be determined, but could be due to a number of potentially interacting variables, including differences in the ecology of the two forests (e.g., nutrient availability, rainfall patterns, hydrology) and/or random differences in the trees (and especially their size) included in the plots at the two sites, due to the inevitable limitations of plot size.
3. It is also evident that some families typically bear fruit more regularly than do others. A clear example of this is Ebenaceae, which produces fruit remarkably consistently, compared to Dipterocarpaceae, for which most species are classed as either “irregular” fruiters or never produced fruit in the study period
4. Complications in interpreting the data herein result from differences in sample sizes between sites, particularly for those species with very low sample size at one site, and from differences in the number and proportion of fruiting stems. More confidence should be placed in the results for fruiting timings for species with a larger sample size at a site.

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Sabangau

- The Centre for the International Cooperation in Management of Tropical Peatlands (CIMTROP), *Lembaga Ilmu Pengetahuan Indonesia* (LIPI) and *Kementerian Negara Riset dan Teknologi Republik Indonesia* (RISTEK) for research permissions.
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Tuanan

- *Director General Departemen Kehutanan* (PHKA), *Departemen Dalam Negri*, BKSDA Palangka Raya, *Lembaga Ilmu Pengetahuan Indonesia* (LIPI) and *Kementerian Negara Riset dan Teknologi Republik Indonesia* (RISTEK) for research permissions.
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ACRONYMS

CIMTROP	Centre for International Cooperation in the Management of Tropical Peatlands
DBH	Diameter (of a tree) at breast height (1.3 m above ground level, or 1.3m above emergent stilts/butresses)
ENSO	El Niño Southern Oscillation
KFCP	Kalimantan Forests and Climate Partnership
MSF	Mixed (peat) swamp forest
NLPSF	Natural Laboratory of Peat-Swamp Forest (Sabangau)
OuTrop	The Orang-utan Tropical Peatland Project
PSF	(Tropical) peat-swamp forest
SA	Sabangau
SAMF	Supra-annual mast fruiting
SD	Standard deviation
TU	Tuanan

INTRODUCTION

In this report, we present the results of a six-year study of the fruiting phenology of Bornean peat-swamp forest trees at two sites: Sabangau and Tuanan. This report was commissioned by the Kalimantan Forests and Climate Partnership under a sub-contract agreement between the Orangutan Tropical Peatland Project (OuTrop) and HK Logistics Pty Ltd. The objective of this project is “to determine the phenology of a broad range of tropical peat-swamp forest (PSF) tree species found in Central Kalimantan”, in order to support KFCP’s forest restoration activities.

In this first progress report, we provide information on the basic fruiting phenology of all tree species included in phenology plots at the two research sites. Analyses are presented for each species at each site and include density estimates, identification of the timing of fruiting peaks, and assessment of the variability surrounding these peaks. From this, each species is categorised as having regular/predictable or irregular/unpredictable fruiting patterns, and a resulting calendar listing the species that can be reliably expected to bear fruit in each month is presented. KFCP will identify a shortlist of potentially suitable tree species for peat-swamp forest restoration activities, for which we will provide more detailed phenological analyses in a second report, including fruiting crop sizes and isolating potential fruiting triggers.

Fruiting Phenology in Tropical Peat-Swamp Forests

While studies of forest phenology (i.e., the study of periodic biological phenomena, in this case fruiting events) have been prevalent throughout many areas of Borneo, few such studies have been conducted in PSF. Dry lowland evergreen forests cover large areas of Borneo and are notable for their high abundance of Dipterocarpaceae, which are associated with supra-annual mast-fruiting (SAMF) events, occurring at irregular intervals every 2-10 years. These SAMF events primarily involve dipterocarps, but also many other tree families (Janzen, 1974; Appanah, 1985; Ashton *et al.*, 1988; Appanah, 1993; Sakai *et al.*, 1999; Sakai, 2002). During SAMF events, 55-60% of tree species may bear fruit, compared to only 20-25% in non-mast years (McClure, 1966; Medway, 1972). These SAMF events lead to huge peaks and troughs in fruit and flower availability in the forest, which has dramatic effects on many species of forest fauna, including important seed dispersers, such as orang-utans and other primates, sun bears, bearded pigs, squirrels, rats and birds (Leighton and Leighton, 1983; Curran and Leighton, 2000; Ostfeld and Keesing, 2000; Frederiksson *et al.*, 2006; Harrison and Chivers, 2007).

In contrast, PSF has a much lower abundance of Dipterocarpaceae (van Schaik, 1996; Shepherd *et al.*, 1997; Page *et al.*, 1999; this study) and, consequently does not participate in SAMF events (Cannon *et al.*, 2007a, b). As a result, fruit production in PSF is relatively consistent and lacks the dramatic peaks and troughs in fruit availability that occur in dipterocarp forests (Cannon *et al.*, 2007a, b). Previous phenology studies in Indonesian PSF have been conducted in the highly-fertile PSF of Suaq Balimbing, Sumatra (van Schaik, 1999; Marshall *et al.*, 2009) and in small patches of PSF in Gunung Palung, West Kalimantan (Knott, 1999; Marshall and Leighton, 2006; Cannon *et al.*, 2007a, b). Phenological data have also been reported from the extensive PSFs of Central Kalimantan, collected at the two sites included in

this report (Marshall *et al.*, 2009; Harrison *et al.*, 2010). With the exception of Cannon *et al.*'s work in Gunung Palung, however, the remaining phenology analyses cited above have been performed from a primate-centric viewpoint, and all have been conducted at a forest-wide level. Thus, detailed species-by-species accounts of fruiting phenology in Bornean PSF, which are potentially of great use to PSF conservation practitioners and restoration ecologists, have yet to be conducted. This gap in knowledge is addressed in the current report.

METHODS

Definitions

Fruiting stem A stem that has produced fruit at least once during the study period and, hence, is known to be capable of fruit production.

Reproductive stem A stem that has produced flowers (and may or may not have produced fruit) at least once during the study period and, hence, is fertile and potentially capable of reproduction.

Stem An individual tree.

Site Locations and Descriptions

The two study sites included in this report – Sabangau and Tuanan – are both located in the extensive belt of peatland that stretches across the lowlands of southern Kalimantan (Figure 1).

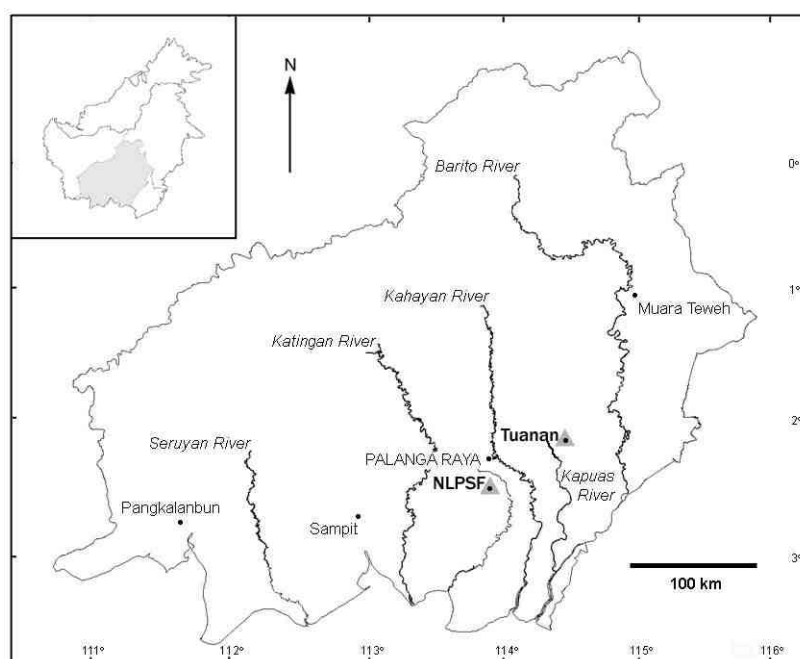


Figure 1. Location of Sabangau (NLPSF) and Tuanan in Central Kalimantan, Indonesia.

Sabangau

The Sabangau study site ($2^{\circ} 19' S$ and $113^{\circ} 54' E$) is within the 500 km^2 Natural Laboratory of Peat-Swamp Forest (NLPSF), located in the north-east of the $6,300 \text{ km}^2$ Sabangau Forest. The phenology plots monitored for this study are located in an area of ombrotrophic mixed mixed-swamp forest towards the edge of the peat dome, where peat depth varies from 1 - 4 m (Page *et al.*, 1999). This is an area of intermediate productivity, compared to the low-productivity low-pole forest further towards the centre of the peat dome, and the unique (to Sabangau) and more highly-productive tall-interior forest on the deepest peat at the centre of the peat dome (Page

et al., 1999; Morrogh-Bernard *et al.*, 2003; Sulistiyanto *et al.*, 2004). The study area was selectively logged from 1991-1997, followed by indiscriminate illegal logging until March 2004 (Husson *et al.*, 2007).

Tuanan

The Tuanan research station (2°09' S and 114°26' E) is located in the 5,010 km² Mawas Reserve, along the Kapuas Murung River. Although ecologically very similar to Sabangau, the peat here is shallower (≤ 2 m deep) and partly alluvial (Wich *et al.*, 2009), and thus should be expected to show higher levels of productivity than the PSF in Sabangau. The site is recovering from selective commercial logging during the early 1990s, followed by opportunistic (illegal) logging until the end of 2002 (van Schaik *et al.*, 2005) and ongoing extraction of 'gemur' (*Alseodaphne coriacea*).

Sampling Methods

Sabangau

Sabangau phenology data was collected from six permanent phenology plots and one phenology circuit (Figure 2). The six plots were located at roughly equi-distant intervals from 1-4 km from the forest edge, which runs parallel to the River Sabangau at a distance of ~1.5 km. Each of these plots was divided into two sub-plots: Sub-Plot A measuring 5 m x 300 m and containing stems ≥ 6 cm DBH, and Sub-Plot B measuring 5 m x 500 m containing stems ≥ 20 cm DBH. This gave a total plot area of 2.4 ha, with 0.9 ha of plot including stems ≥ 6 cm DBH and 1.5 ha of plot including stems ≥ 20 cm DBH. Species density estimates for stems of DBH ≥ 10 cm were thus calculated using only data from Sub-Plots A, whereas density estimates for stems ≥ 20 cm DBH were calculated using data from both Sub-Plots. The phenology circuit was established to include certain important orang-utan and gibbon food species that were relatively rare in the phenology plots (e.g., *Diospyros siamang*, *Parartocarpus venenosus*, *Tetrameristra glabra*). The stems in the phenology circuit were not used to estimate stem density, as they are not within a plot of specified area, but were used to aid in identifying fruiting peaks for each species. Phenology surveys generally started on the 15th of each month and lasted for seven days.

Tuanan

Tuanan phenology data were collected from a single, large phenology plot located along two transects in the centre of the study area. One transect ran parallel, and the other perpendicular, to the Kapuas River. All stems ≥ 10 cm DBH within 5 m of the transects were included, covering a total plot area of 2 ha. Phenology surveys generally began on the 12th of each month (occasionally on the 10th) and lasted for 3-4 days.

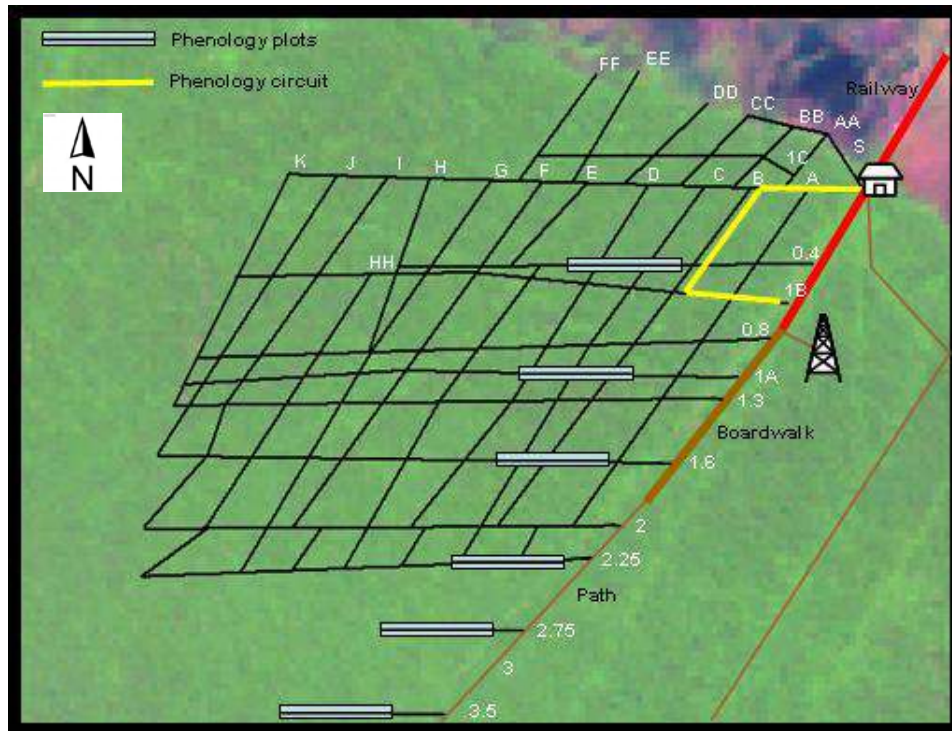


Figure 2. Map of phenology plot and circuit locations in Sabangau. East-west transects start at the railway / boardwalk on the western side of the grid are coded and marked using numbers indicating the approximate distance (in km) of each transect's start point from the field station. The north-south transects, which run parallel to the railway / boardwalk are coded and marked with letters and are separated by 250m intervals.

Sampling Period

Data collection started simultaneously at both sites in September 2003, has continued monthly since and is ongoing. Data for this report cover the period September 2003 to June 2009, representing 70 months for which data are available from both sites, following methods outlined previously (Marshall *et al.*, 2009; Harrison *et al.*, in 2010).

Enumeration

All trees within the plots were enumerated, measured (DBH, height) and identified using both Latin and local names. Measurement of DBH is essential, as small immature stems will be unable to produce fruit and different tree species begin to produce fruit at different sizes (see Results). Stems were re-measured every two (SA) to three (TU) years to account for growth. At these times, any new trees satisfying the minimum size requirements for the plots were added, enumerated, identified, measured and included in phenology surveys thereafter. Trees that died during the surveys (both as a result of natural and, less frequently, anthropogenic causes) were removed from the sample once death was confirmed. Some stems fell over during the study and, unless they died, were still included in the phenology sample as they generally remained reproductive. Stems that snapped and exhibited coppice growth from the snapped stem were removed from the sample, as these stems were no longer

capable of producing fruit from their small immature shoots. Non-tree species (lianas and *Ficus*) were included within the plots, but are excluded from this analysis.

Species Identification

Tree species identification was performed with the assistance of expert local botanists and members of local communities with extensive knowledge of PSF fauna. Collaboration in confirming the consistency of species identifications between the two sites has been extensive and is ongoing. This has involved visits of researchers from both sites to the other, use of the same expert botanists (E. Shinta, Z. Yeen, Arbasinsyah, Ambriansyah and Kade Sidiassa), joint visits to herbariums, and extensive discussions and sharing of photographs. Nevertheless, despite these efforts, there is still uncertainty regarding the shared identity of certain species in our data set. This is often due to high numbers of similar species in certain genera (e.g., *Tristaniopsis*, *Lithocarpus*). Thus, in such cases, we have adopted a cautious approach and presented results under the assumption that species suspected, but unconfirmed to be, the same at the two sites are different. It is therefore possible that a small number of species classified here as different may in fact be the same at the two sites. This has resulted in one or two instances where species given the same Latin name are presented on different sheets for the two sites, as it was certain that these did not represent the same species. Despite this, the Latin nomenclature will be correct for both sites in the large majority of cases.

Because local names frequently differ between the two sites (e.g., “tagula”, which refers to a species of the genera *Xylophia*, Annonaceae in Sabangau, but to species of *Alseodaphne* and *Litsea*, Lauraceae in Tuanan) and can often refer to more than one true species (e.g., “jambu burung” in Sabangau, which refers to a number of species of *Syzygium*), they are problematic for comparisons between sites. Nevertheless, even the best local village tree experts familiar with > 100 different species will have no knowledge of Latin nomenclature. Thus, local names are also presented for each site, but should not be assumed to accurately indicate taxonomy.

Monthly data collection

Each stem in the plots was observed monthly from ground level using binoculars to record reproductive activity. The presence and abundance of fruit, flowers and leaf flush was recorded for each stem. Spotting and identifying reproductive stages and leaf flush in tall PSF trees requires considerable skill, so the same highly-experienced observers were used each month to reduce this variability. Distinguishing ripe and unripe fruit, and immature and mature flowers, in phenology surveys is difficult, even for experienced observers familiar with the different tree species, because (i) the observer is usually viewing the fruit/flowers from afar, making confirmation of the stage of maturity difficult, even with binoculars; (ii) the similarity of ripe and unripe stages for many fruit species; (iii) the observer is frequently looking up at silhouetted shapes of the fruit/flowers against the sun or a green backdrop, making inspection of colour difficult; and (iv) inspection of fruit/flowers that have fallen to the ground, and inference from this, is problematic, as ripe fruits/mature flowers are more likely to fall to the ground – either as a result of being dislodged by a predator (indehiscent) or from being released to fall to the floor by the parent tree once a set stage of ripeness/maturity has been achieved (dehiscent) – than unripe fruits/immature flowers, creating bias. Thus, we have not attempted to distinguish ripe/unripe fruits and immature/mature flowers in any of our analyses.

Data Analysis

The same timeframe (September 2003-June 2009) was used for both sites, in order to avoid potentially skewing fruiting times for one site relative to the other. Thus, our monthly estimates of mean fruit production and variability in fruit for September-June are comprised of six data points, whereas our estimates for July and August are comprised of five data points. This may reduce the precision of our estimates for these latter two months for species that frequently come into fruit at these times.

For each species recorded in the plots, the number of “fruiting” stems was recorded. These are defined as those stems that had produced fruit at least once during the study period and, hence, were capable of fruit production; whereas “non-fruiting” stems were defined as stems that had never produced fruit during the study period. This figure therefore did not vary from month to month, with the exception of stems that were added or died during the course of the study. The number of fruiting stems was the denominator in calculations of “percentage fruiting stems with fruit”. In some cases, a stem may have matured and fruited for the first time in the middle/end of the study period, and been incapable of fruit production before that time, reducing the precision of our estimates. This will be relatively rare, however, and it will be much more common that a stem potentially capable of fruit production that did not produce fruit early on in the study (or at all) did so for reasons unrelated to its age/maturation (e.g., that species’ reproductive cycle results in fruit production only once every three years).

Similarly, for each month, each stem was recorded as either bearing fruit or not, which formed the numerator in calculations of “percentage fruiting stems with fruit”. Thus, the figure for percentage fruiting stems with fruit was calculated as:

Percentage of fruiting stems with fruit = (Number of stems of species x with fruit in month y / number of fruiting stems of species x) $\times$ 100

This was determined to be the most suitable figure for this analysis because (i) stem densities vary between the two sites (and will also differ in KFCP’s site); (ii) percentages are more comparable between species that occur at different densities within the respective sites; and (iii) species that do not produce fruit add nothing to efforts to identify the timing of fruiting peaks and can potentially skew percentages if they die/are added to the plots mid-way through the study period.

All stems were considered for this analysis, regardless of DBH, as different tree species begin to produce fruit at different sizes (see Results). Thus, for one species, a minimum DBH of, for example, 15 cm may include a number of stems that will never produce fruit (as fruit is not produced in this species until over *ca.* 20 cm DBH), and exclude a number of stems that are capable of producing fruit for another species (as fruit production begins at *ca.* 10 cm DBH for this species). Thus, we included all stems for each species that produced fruit to produce our estimates, and state the minimum DBH that produced fruit in the species results sheets. Although the minimum size limit for inclusion in Sabangau plots was 6 cm DBH, comparisons of stem densities were performed for stems $\geq$ 10 and 20 cm DBH, to ensure comparability with the minimum DBH of trees included in the Tuanan plots (10 cm DBH).

In some instances, where different species within the same genera (a) had nearly identical fruiting patterns; and (b) were very difficult to distinguish in the field, results are presented with the different species in the genera merged, rather than broken down into species. These species/genera are noted. Furthermore, for some genera containing many similar species (e.g., *Xylopi*a, *Litsea*), the species in a genera have been merged for one site (in these cases Tuanan), but not the other, reflecting differences in the confidence with which these species have been distinguished in the plots at each site. In such cases, stem densities are recorded as “NA” for a site in the species accounts that do not apply to that site.

The minimum sample size for inclusion in the analysis was one fruiting stem. Four considerations regarding sample size should be taken into account when interpreting our results: (i) the larger the sample size of stems monitored, the more confidence can be placed in the results for a particular species; (ii) variability in figures for percentage fruiting stems with fruit will be higher for species with very low sample size; (iii) fruiting events for a species generally do not involve all stems of that species producing fruit at the same time (see Results), so some fruiting events may be missed if the small number of stems included in the sample do not participate in a particular fruiting event, resulting in an impression of less regular fruiting for species with smaller sample size; and (iv) the larger the sample size, the higher the probability of small trees producing fruit, because production of fruit by very small stems is uncommon.

Based on the species accounts created via the above methods, we list those species/genera that have a high probability of fruiting in each month (arbitrarily defined as $\geq 1\%$ or $\geq 10\%$ of fruiting stems bearing fruit, Appendix I). We incorporate both the mean level of fruit production in that month and the variability surrounding this mean (expressed as the SD). The properties of the standard deviation statistic are such that, for data with a normal distribution, 68% of cases lie within one SD either side of the mean and, consequently, 32% of cases lie outside of one SD of the mean. As we are interested in identifying the likelihood that there will be at least a minimum amount of fruit available, the “high” half of this 32% of cases lying outside one SD of the mean are irrelevant here (larger fruit abundance than predicted is a bonus). Thus, by subtracting one SD from the mean for each species at each site, a figure is produced suggesting that on 84% of occasions the percentage of fruiting stems bearing fruit will be as high or higher than that figure. Many of the data will not be normally distributed, but nevertheless, this still provides a rough measure with which to make an objective assessment to compare between species.

Based on this calendar, we also provide a summary table (Appendix II and Results), in which we list all the species at both sites and categorise them according to the regularity and consistency of their fruiting. Each species/genus for which we have fruiting data has been classified in one of the following fruiting categories for each site:

1. Year-round - high likelihood of fruit in 9 or more months of the year;
2. Frequent - high likelihood of fruit in 4-8 months of the year;
3. Regular - high likelihood of fruit in 1-3 identified months of the year;
4. Irregular - no high likelihood of fruit in any particular month of the year; and
5. Never fruiting - never fruited during the study period.

RESULTS

Results have been presented in a different order to that described in the Methods section, to provide the simpler summaries first, followed by the detailed species accounts (on which these summaries are based).

Calendar of Species with High Likelihood of Fruiting in Different Months and Fruiting Regularity Categories

In this table, we indicate the months in which a high likelihood of fruiting exists for both sites, plus fruiting regularity classifications for both sites. The calendar of timing of high-likelihood fruiting events and the fruiting regularity classification table on which this is based are provided in Appendices I and II, respectively.

Key

Abbreviations for monthly fruiting events: s = Sabangau, high likelihood of $\geq 1\%$ fruiting stems bearing fruit; S = Sabangau, high likelihood of $\geq 10\%$ fruiting stems bearing fruit; t = Tuanan, high likelihood of $\geq 1\%$ fruiting stems bearing fruit; T = Tuanan, high likelihood of $\geq 10\%$ fruiting stems bearing fruit.

Abbreviations for fruiting categories: - = no date; 0 = never fruited; F = frequent; I = irregular; R = regular; YR = year round.

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Anacardiaceae														
<i>Bouea oppositifolia</i>	0	-												
<i>Buchanania sp.</i>	-	I												
<i>Campnosperma coriaceum</i>	F	R	s		t		s		s					S
<i>Campnosperma squamatum</i>	I	-												
Anisophyllaceae														
<i>Combretocarpus rotundatus</i>	F	-			S	s	s	s	s			s		S
Annonaceae														
<i>Cyathocalyx biovulatus</i>	I	-												
<i>Mezzetia leptopoda / parviflora</i>	F	F	t				t	t	s t	s	s	s		T
<i>Mezzetia umbellata</i>	R	I						s					s	

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Polyalthia glauca</i>	I	-												
<i>Polyalthia hypoleuca</i>	F	F	T	T	t						s	S T	S T	s T
<i>Xylopi cf. malayana</i>	I	-												
<i>Xylopi coriifolia</i>	I	-												
<i>Xylopi fusca</i>	F	R			s			t	t	S T	S	S		
<i>Xylopi spp (exc. fusca)</i>	-	I												
Apocynaceae														
<i>Dyera lowii</i>	F	R	s t	s								s	s	S t
Aquifoliaceae														
<i>Ilex hypoglauca</i>	I	-												
<i>Ilex spp.</i>	-	I												
Burseraceae														
<i>Canarium sp. 1</i>	I	-												
<i>Santiria spp.</i>	F	R	s								s		S	s t
Celesteraceae														
<i>Lophopetalum sp. 1</i>	0	-												
Chrysobalanaceae														
<i>Licania splendens</i>	-	R												t

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Clusiaceae / Guttiferae														
<i>Calophyllum hosei</i>	R	-		s	s									
<i>Calophyllum inophyllum</i>	-	0												
<i>Calophyllum nodosum</i>	-	I												
<i>Calophyllum sclerophyllum</i> (SA)	R	-		s										
<i>Calophyllum sclerophyllum</i> (TU)	-	0												
<i>Calophyllum soulattri</i>	I	-												
<i>Calophyllum</i> sp.	I	-												
<i>Garcinia cf. parvifolia</i>	-	I												
<i>Garcinia</i> sp. 1	I	-												
<i>Garcinia</i> spp. (exc. <i>cf. parvifolia</i> , SA sp. 1 and TU sp 1)	R	Y	S T	T	t	t	t	t	t	t	t	T	s T	S T
<i>Gardenia leiocarpum</i>	-	R				T		T	t					
<i>Mesua</i> sp. 1	I	-												
Crypteroniaceae														
<i>Dactylocladus stenostachys</i>	I	I												
Dipterocarpaceae														
<i>cf. Anisoptera</i> sp. 1	0	-												
<i>Cotylelobium melanoxydon</i>	-	I												
<i>Cotylelobium cf. lanceolatum</i>	0	-												
<i>Dipterocarpus borneensis</i>	I	-												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Dipterocarpus fagineus</i>	-	I												
<i>Shorea balangeran</i>	I	-												
<i>Shorea crassa</i>	0	-												
<i>Shorea parvifolia</i>	-	I												
<i>Shorea parvistipulata</i>	-	0												
<i>Shorea teysmanniana</i>	I	-												
<i>Shorea uliginosa</i>	0	-												
<i>Vatica mangachopai</i>	I	-												
Ebenaceae														
<i>Diospyros bantamensis / pseudo-malabarica</i>	F	Y	s T	t				s t	s t	s t	s t	s T	s T	s T
<i>Diospyros cf. evena</i>	I	-												
<i>Diospyros confertiflora</i>	I	-												
<i>Diospyros siamang</i>	Y	R	S	S	S	S	S	S	S	S	s	S	S	S t
<i>Diospyros spp. (exc. bantamensis / pseudo-malabarica and siamang)</i>	-	I												
Elaeocarpaceae														
<i>Elaeocarpus cf. griffithi</i>	I	-												
<i>Elaeocarpus marginatus</i>	0	-												
<i>Elaeocarpus mastersii</i>	I	I												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Euphorbiaceae														
<i>Baccaurea bracteata</i>	F	R							S	S T	S T	s T	T	
<i>Baccaurea stipulata</i>	I	-												
<i>Blumeodendron elateriospermum / tokbrai</i>	F	I		s				s	s	s				
<i>Cephalomappa sp. 1</i>	I	-												
<i>Neoscortechinia kingii</i>	I	R	t										t	t
<i>Pimelodendron griffithi</i>	0	-												
Fabaceae / Leguminosae														
<i>Adenanthera malayana</i>	-	0												
<i>Adenanthera pavonina</i>	0	-												
<i>Archidendron borneensis</i>	R	-												
<i>Dialium indum</i>	-	0												
<i>Koompassia malaccensis</i>	I	I												
Fagaceae														
<i>Castanopsis foxworthyii / jaherii</i>	I	0												
<i>Lithocarpus spp.</i>	R	R		s		t								
Hypericaceae														
<i>Cratoxylon arborescens</i>	R	0										S		
<i>Cratoxylon glaucum</i>	I	I												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Icacinaceae														
<i>Platea excelsa</i>	I	-												
<i>Platea sp.</i>	-	I												
<i>Platea sp. 2</i>	I	-												
<i>Stemonurus scorpiodes</i>	R	I	s											
Lauraceae														
<i>Alseodaphne coriacea</i>	0	0												
<i>Alseodaphne sp.1</i>	-	I												
<i>Alseodaphne sp.2</i>	-	R	t										t	t
<i>Cryptoaria sp.1</i>	-	I												
<i>Cryptoaria sp.2</i>	-	I												
<i>Litsea cf. elliptica</i>	I	-												
<i>Litsea cf. rufo-fusca</i>	R	-	s									s		
<i>Litsea sp. 1 cf. resinosa</i>	R	-										s		
<i>Litsea spp.</i>	R	I												
<i>Notaphoebe sp. 1</i>	0	-												
<i>Notaphoebe umbeliflora</i>	-	0												
<i>Phoebe cf. grandis</i>	0	-												
Linaceae														
<i>Ctenolophon parvifolius</i>	F	-	S					s		S	S	S	S	S

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Magnoliaceae														
<i>Magnolia bintuluensis</i>	I	-												
<i>Magnolia sp.</i>	-	0												
Melastomataceae														
<i>Memecylon sp. 1</i>	R	-								S	s			
<i>Memecylon sp. 3</i>	I	-												
<i>Pternandra cf. coerulescens / galeata</i>	I	-												
Meliaceae														
<i>Aglaia rubiginosa</i>	Y	I	S	s	s			s	S	S	S	S	S	S
<i>Sandoricum beccanarium</i>	I	I												
Moraceae														
<i>Parartocarpus venenosus</i>	R	R	S t									S	S	
Myristicaceae														
<i>Gymnacranthera cf. farquhariana</i>	I	F	t		t		t	t		t	t	t		t
<i>Horsfieldia crassifolia</i>	I	I												
<i>Knema intermedia</i>	I	-												
<i>Myristica lowiana</i>	I	-												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Myrsinaceae														
<i>cf. Rapanea borneensis</i>	I	-												
Myrtaceae														
<i>Eugenia cf. spicata</i>	0	-												
<i>Rhodamnia cinerea</i>	-	I												
<i>Syzygium garcinifolia</i>	F	I					s	S	S	S	s	S	s	s
<i>Syzygium havilandii</i>	R	F							s	t		t	t	t
<i>Syzygium sp. 5</i>	R	-					s	s	s					
<i>Syzygium spp. (exc. garcinifolia, havilandii and SA sp. 5)</i>	F	R	s			t	s t	s t	s	s		s	s	s
<i>Tristaniopsis spp.</i>	I	I												
Oxalidaceae														
<i>Sarcotheca spp</i>	-	I												
Pittosporaceae														
<i>Pittosporum sp. 1</i>	0	-												
Rhizophoraceae														
<i>Carallia sp. 1</i>	-	R										t		
<i>Carallia sp.2</i>	-	0												
<i>Gynotroches sp. 1</i>	0	-												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Rubiaceae														
<i>Canthium dydimum</i>	I	-												
<i>Gardenia tubifera</i>	0	-												
<i>Mussaendopsis beccariana</i>	-	I												
Rutaceae														
<i>Acronychia pedunculata</i>	-	I												
<i>Tetractomia tetrandra</i>	R	-		s				s						
Sapindaceae														
<i>cf. Cubilia cubili</i>	0	-												
<i>Nephelium maingayi</i>	0	-												
<i>Nephelium maingayi</i>	-	I												
<i>Nephellium lappaceum</i>	I	-												
<i>Nephellium sp. 1</i>	0	-												
<i>Pornetia pinnata</i>	-	0												
<i>Xerospermum laevigatum / noronhianum</i>	I	I												
Sapotaceae														
<i>Isonandra lanceolata</i>	I	-												
<i>Isonandra sp. 1</i>	R	-							s	s				
<i>Madhuca mottleyana</i>	F	R	S	s t							s	s	S	S
<i>Palaquium cochlearifolium</i>	I	I												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Palaquium leiocarpum</i>	F	F	s T	T				s	S	S t	S t	S T	S T	s T
<i>Palaquium pseudorostratum</i>	F	F	s T	s T							t	s T	s T	s T
<i>Palaquium ridleyi</i> / <i>cf. xanthochymum</i>	R	I	s		s	s								
<i>Payena leerii</i>	-	I												
<i>Pouteria malaccensis</i>	-	I												
Simaroubaceae														
<i>Quassia borneensis</i>	0	-												
Sterculiaceae														
<i>Sterculia rheidifolia</i>	0	-												
<i>Sterculia sp.</i>	-	I												
<i>Sterculia sp. 1</i>	-	0												
Tetrameristaceae														
<i>Tetramerista glabra</i>	F	R	s				s	s	S	s	s	s	S	s
Theaceae														
<i>Ploiarium alternifolium</i>	-	I												
<i>Ternstroemia hosei</i>	I	-												
<i>Ternstroemia magnifica</i>	0	-												

Species	Category		Month											
	SA	TU	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Thymelaeaceae														
<i>Gonystylus bancanus</i>	I	I												
Tiliaceae														
<i>Microcos (Grewia) sp. 1</i>	I	-												
<i>Microcos sp.</i>	-	R											t	t

Fruiting Phenology Species Accounts

These accounts are presented alphabetically by Latin name, ordered by family, then genus and species. The following notes should be considered when interpreting these accounts:

1. The definitions listed above for “fruiting stems”, etc., are adhered to in the accounts.
2. “NA” indicates that there are no available data for that species at that site (i.e., that there were no fruiting stems in the plots, or species within a genera were lumped at one site, but not the other).
3. A stem density of “0 / ha” indicates that the species is not present at a site and has never been recorded, either inside or outside of the phenology plots.
4. A stem density of “< 1 / ha” indicates that either (a) the species is present in the phenology plots, but is at a very low density (indicated by a total number of stems sampled ≥ 1); or (b) that the species (or DBH class) is found in the site, but is either very rare or not present in the phenology plots (indicated by a total number of stems sampled equal to zero).
5. Fruiting frequency categories match those described in the methods above.
6. On graphs, the death of the only stem of a species at a site is marked by a solid arrow (black for Sabangau, red for Tuanan) and the addition of the only stem of species is marked by a hollow arrow (black for Sabangau, red for Tuanan).

Family: Anacardiaceae
Latin Name: *Bouea oppositifolia*
 Local name: Tamehas (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

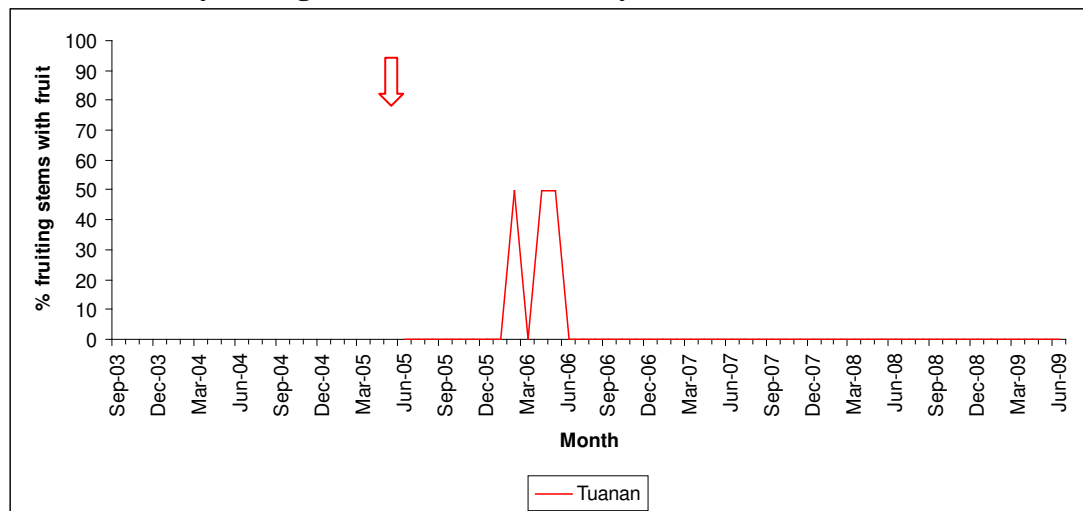
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

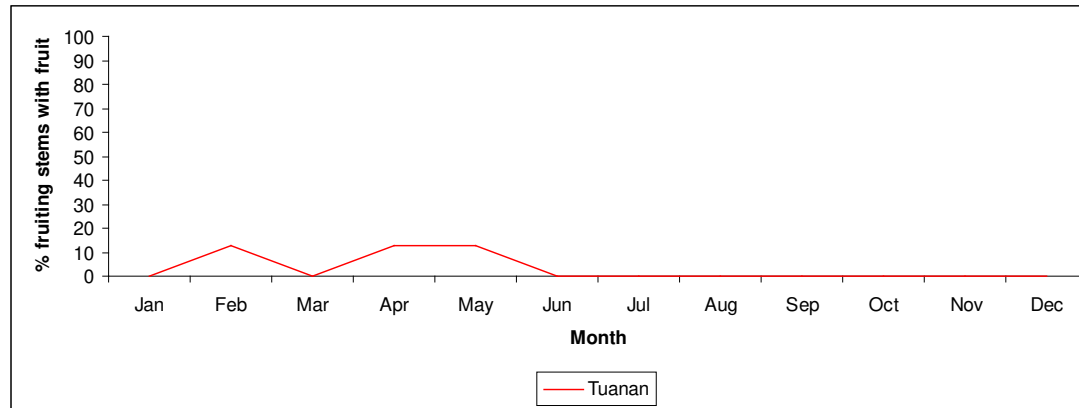
Family: Anacardiaceae
Latin Name: *Buchanania sp.*
 Local name: Rengas parei (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	2
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	11
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	1.28	1.28	0.00	2.80	10.72	26.11	41.54	40.00	20.51	15.38	2.56	0.00
SD TU	3.14	3.14	0.00	4.36	15.36	22.42	38.31	28.47	30.25	20.64	3.97	0.00

Family: Anacardiaceae

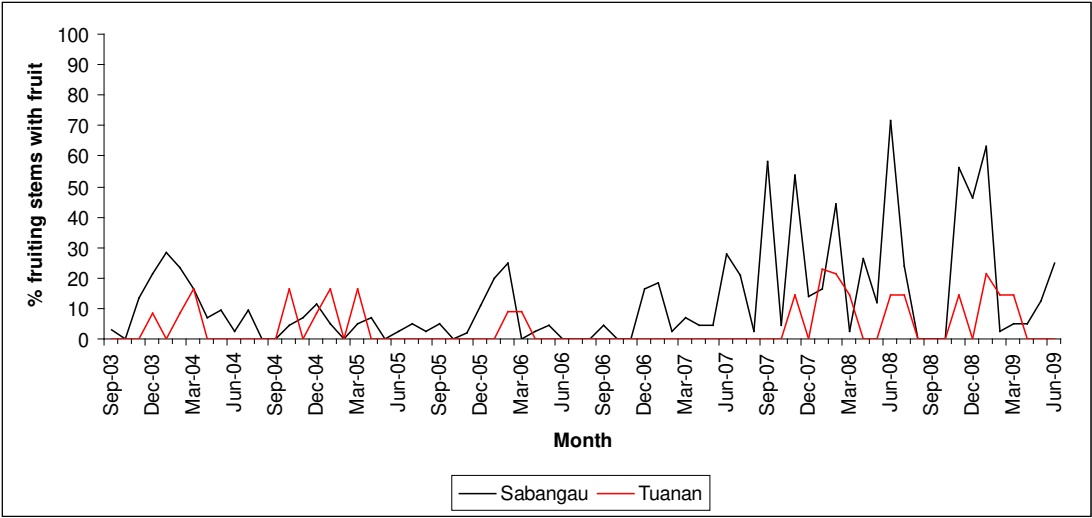
Latin Name: *Camposperma coriaceum*

Local name: Terontang (SA), tarantang (TU)

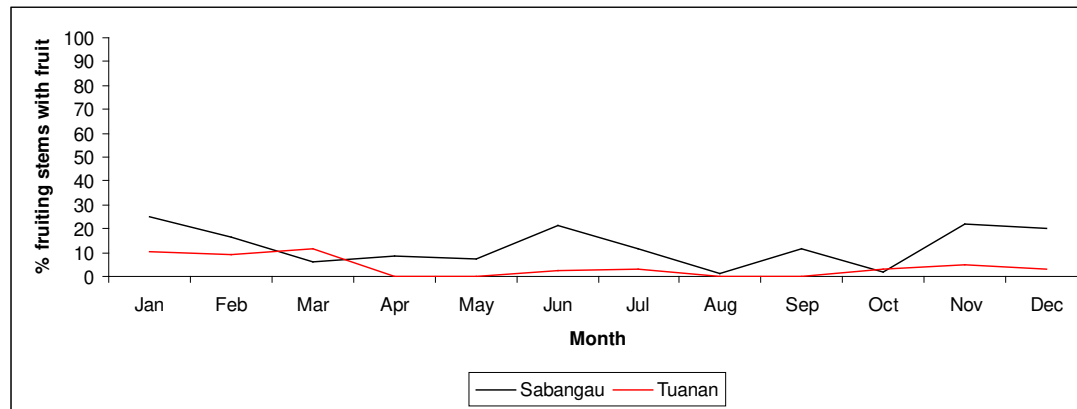
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	40	17
Stem density > 20 cm DBH/ha	13	2
Total number stems sampled	69	33
Total number fruiting stems	45	14
Percentage of fruiting stems	65	42
Minimum / maximum percentage fruiting stems	40 / 76	8 / 57

bearing fruit/year		
Minimum DBH bearing fruit (cm)	9	10
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



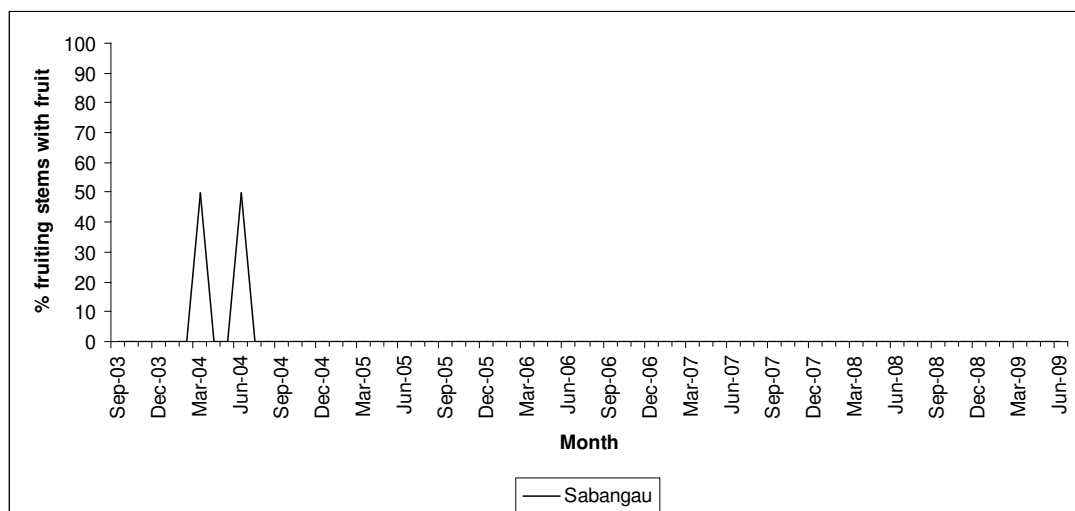
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	25.27	16.20	5.88	8.69	7.12	21.51	11.76	0.94	11.72	1.55	22.05	20.16
SD SA	20.20	17.63	5.63	8.75	4.82	27.36	10.28	1.29	22.84	2.40	25.80	13.39
Mean TU	10.20	8.86	11.83	0	0	2.38	2.86	0	0	2.78	4.76	2.78
SD TU	11.37	8.30	6.42	0	0	5.83	6.39	0	0	6.80	7.38	4.30

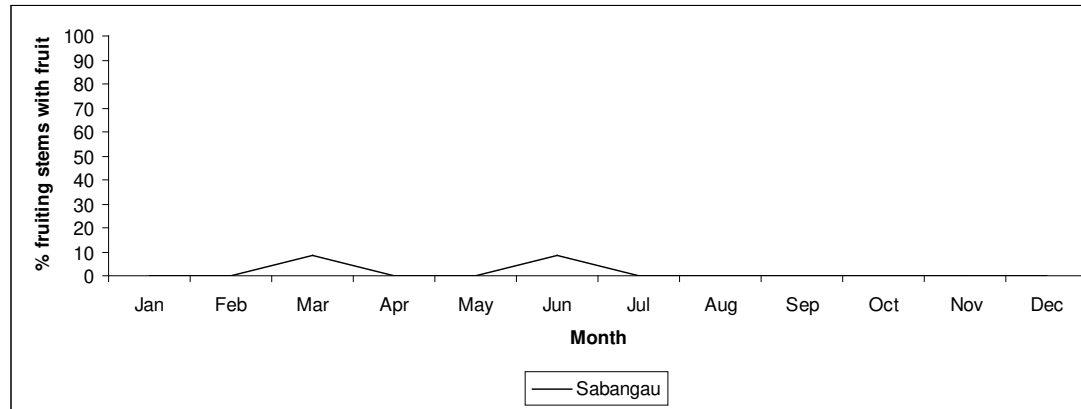
Family: Anacardiaceae
Latin Name: *Camposperma squamatum*
 Local name: Teras nyating (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	3	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	11	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	18	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	8	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	8.33	0	0	8.33	0	0	0	0	0	0
SD SA	0	0	20.41	0	0	20.41	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Anisophyllaceae

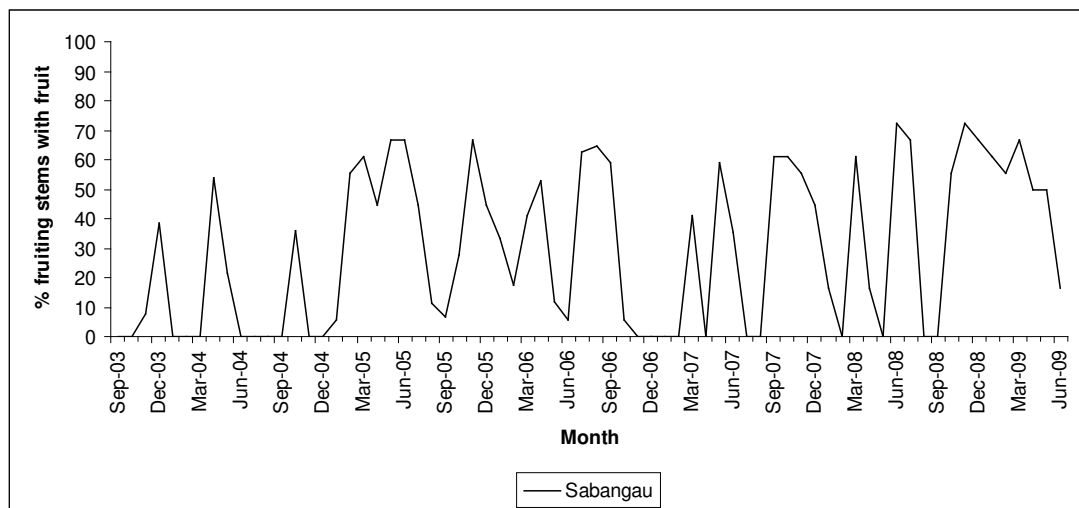
Latin Name: *Combretocarpus rotundatus*

Local name: Tumih (SA)

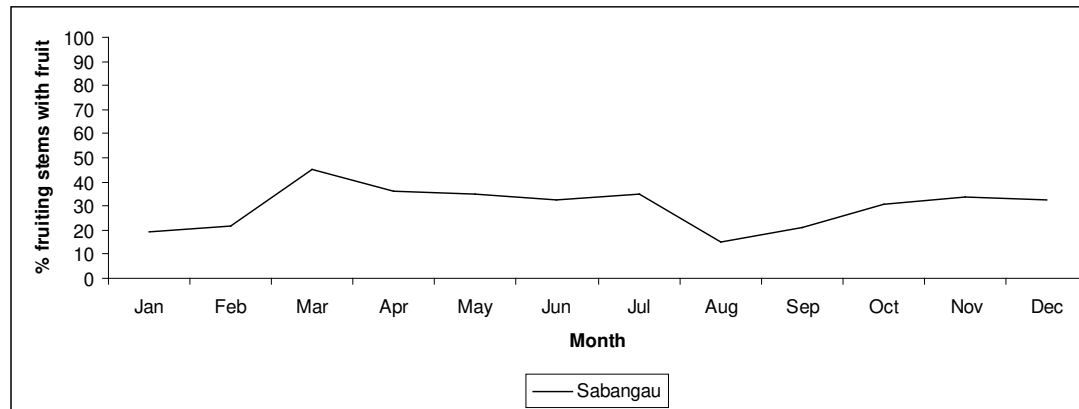
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	11	0
Stem density > 20 cm DBH/ha	5	0
Total number stems sampled	22	0
Total number fruiting stems	18	NA
Percentage of fruiting stems	82	NA

Minimum / maximum percentage fruiting stems bearing fruit/year	57 / 83	NA
Minimum DBH bearing fruit (cm)	6 / 21*	NA
Fruiting regularity category	Frequent	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	19.44	21.46	45.21	36.32	34.78	32.79	34.72	15.16	21.10	31.01	33.69	32.34
SD SA	24.02	27.28	24.67	22.55	27.36	30.88	32.78	28.11	30.23	25.04	34.63	26.83
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Annonaceae

Latin Name: *Cyathocalyx biovulatus*

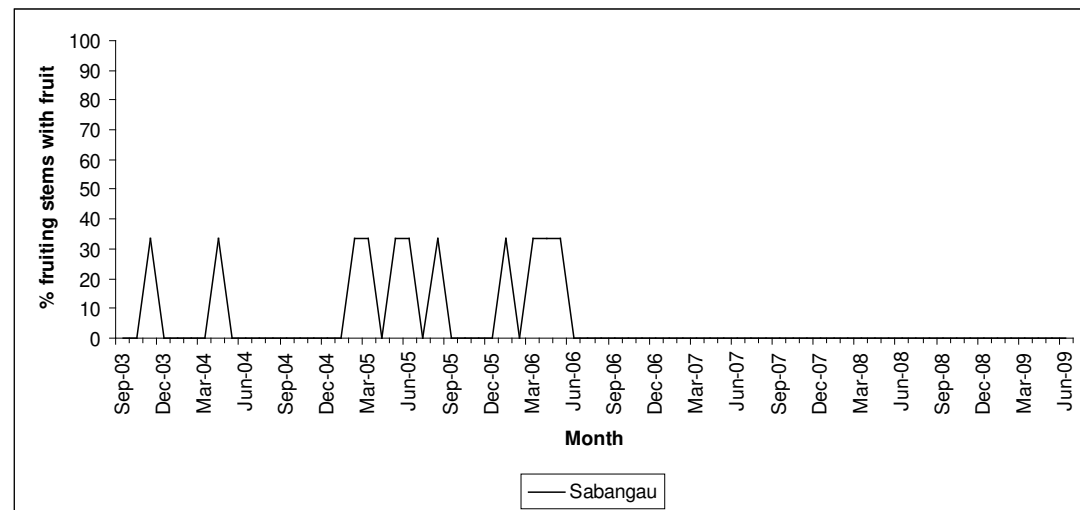
Local name: Kerandau (SA)

* Minimum DBH producing fruit 6 cm, but on 369 observations of fruiting in this species, 366 (99%) were in trees over 21 cm DBH

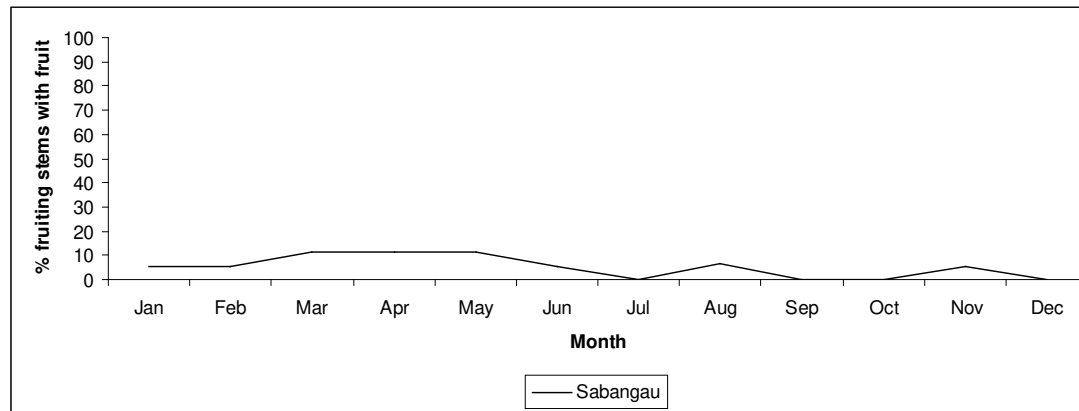
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	8	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	14	0
Total number fruiting stems	3	NA
Percentage of fruiting stems	21	NA

Minimum / maximum percentage fruiting stems bearing fruit/year	33 / 67	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	5.56	5.56	11.11	11.11	11.11	5.56	0	6.67	0	0	5.56	0
SD SA	13.61	13.61	17.21	17.21	17.21	13.61	0	14.91	0	0	13.61	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Annonaceae

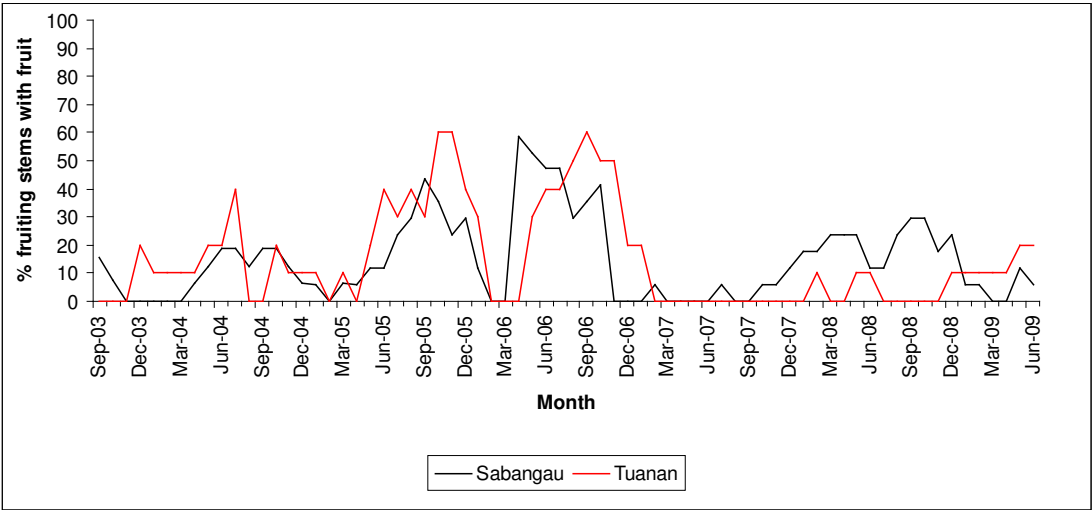
Latin Name: *Mezzetia leptopoda* / *parviflora*

Local name: Keripak / pisang-pisang besar (SA), mahawai umb (TU)

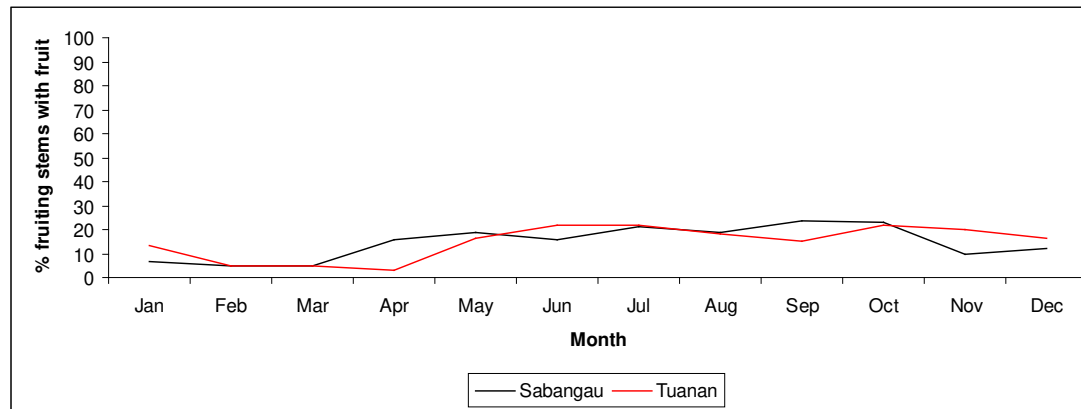
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	22	10
Stem density > 20 cm DBH/ha	5	2
Total number stems sampled	58	19
Total number fruiting stems	17	10
Percentage of fruiting stems	29	53
Minimum / maximum percentage fruiting stems bearing fruit/year	38 / 82	10 / 80

Minimum DBH bearing fruit (cm)	7	13
Fruiting regularity category	Frequent	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



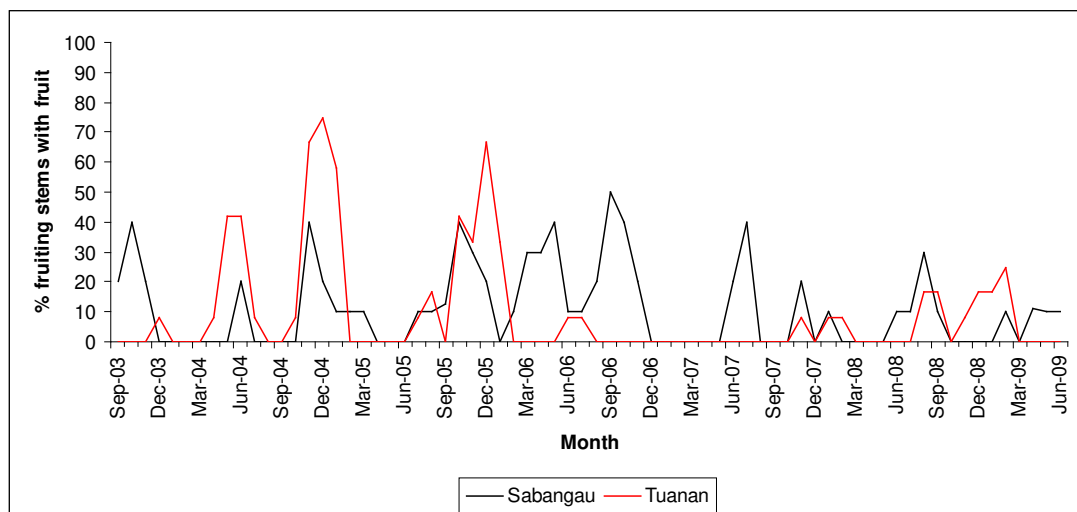
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	6.86	4.90	4.96	15.75	18.75	15.87	21.40	18.97	23.77	23.03	9.93	11.83
SD SA	6.88	6.88	9.43	22.80	18.33	16.53	15.84	12.65	15.65	14.62	9.64	12.30
Mean TU	13.33	5.00	5.00	3.33	16.67	21.67	22.00	18.00	15.00	21.67	20.00	16.67
SD TU	10.33	5.48	5.48	5.16	10.33	16.02	20.49	24.90	25.10	27.14	27.57	13.66

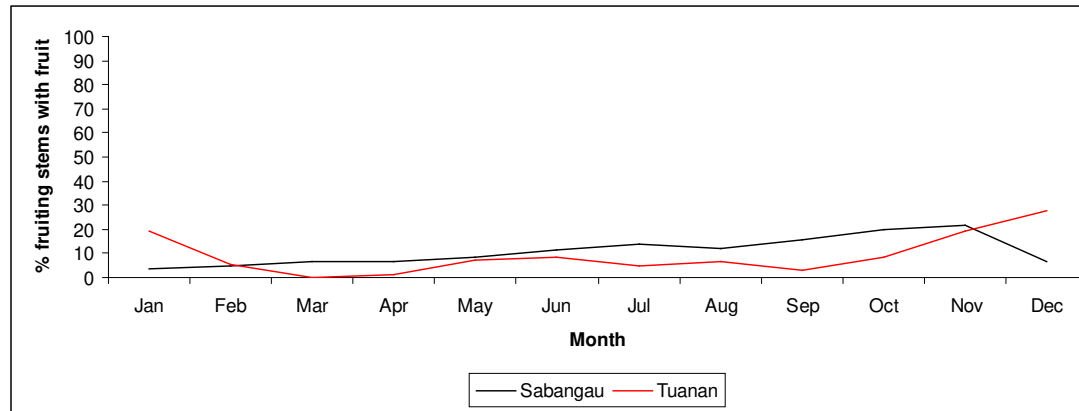
Family: Annonaceae
Latin Name: *Mezzetia umbellata*
 Local name: Kambalitan hitam / pisang-pisang kecil (SA), Kambalitan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	7	8
Stem density > 20 cm DBH/ha	1	3
Total number stems sampled	14	15
Total number fruiting stems	10	12
Percentage of fruiting stems	71	80
Minimum / maximum percentage fruiting stems bearing fruit/year	20 / 80	8 / 92
Minimum DBH bearing fruit (cm)	14	10
Fruiting regularity category	Regular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

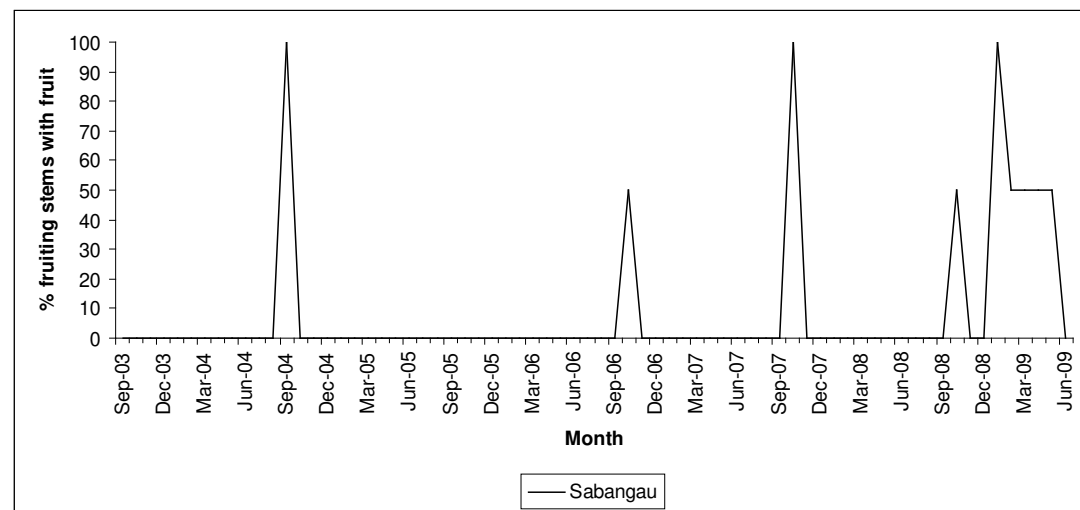
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	3.33	5.00	6.67	6.85	8.33	11.67	14.00	12.00	15.42	20.00	21.67	6.67
SD SA	5.16	5.48	12.11	12.18	16.02	7.53	15.17	13.04	18.60	21.91	13.29	10.33
Mean TU	19.44	5.56	0	1.39	6.94	8.33	5.00	6.67	2.78	8.33	19.44	27.78
SD TU	22.77	10.09	0	3.40	17.01	16.67	4.56	9.13	6.80	16.67	26.18	34.02

Family: Annonaceae
Latin Name: *Polyalthia glauca*
 Local name: Kayu bulan (SA)

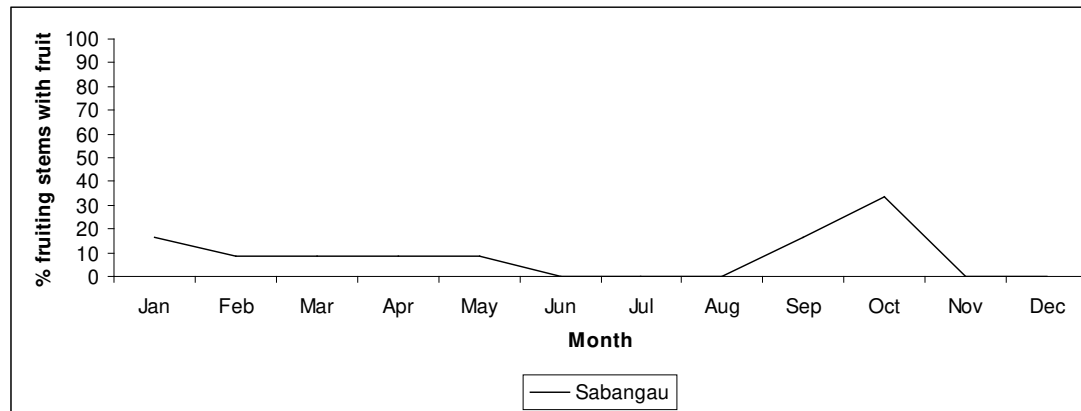
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	5	0
Total number fruiting stems	2	NA

Percentage of fruiting stems	40	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	20	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	8.33	8.33	8.33	8.33	0	0	0	16.67	33.33	0	0
SD SA	40.82	20.41	20.41	20.41	20.41	0	0	0	40.82	40.82	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Annonaceae

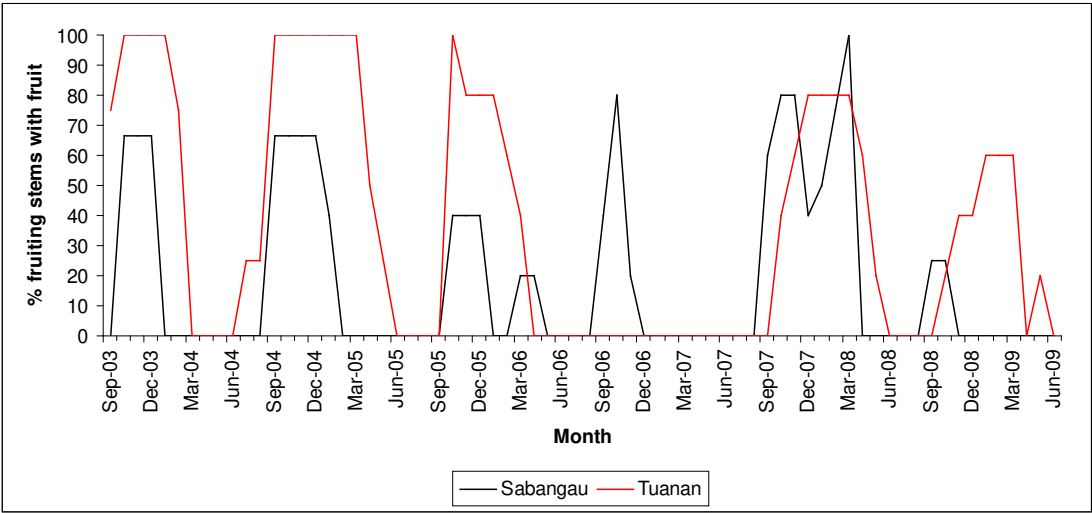
Latin Name: *Polyalthia hypoleuca*

Local name: Rewoi / alulup (SA), Mahawai (TU)

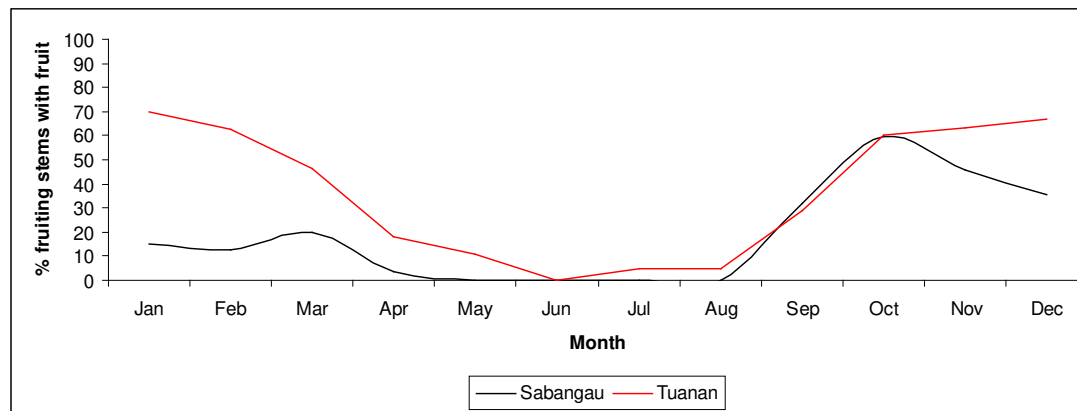
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	3
Stem density > 20 cm DBH/ha	< 1	1
Total number stems sampled	8	6
Total number fruiting stems	5	5
Percentage of fruiting stems	63	83
Minimum / maximum percentage fruiting stems bearing fruit/year	40 / 100	80 / 100

Minimum DBH bearing fruit (cm)	8	11
	Frequent	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



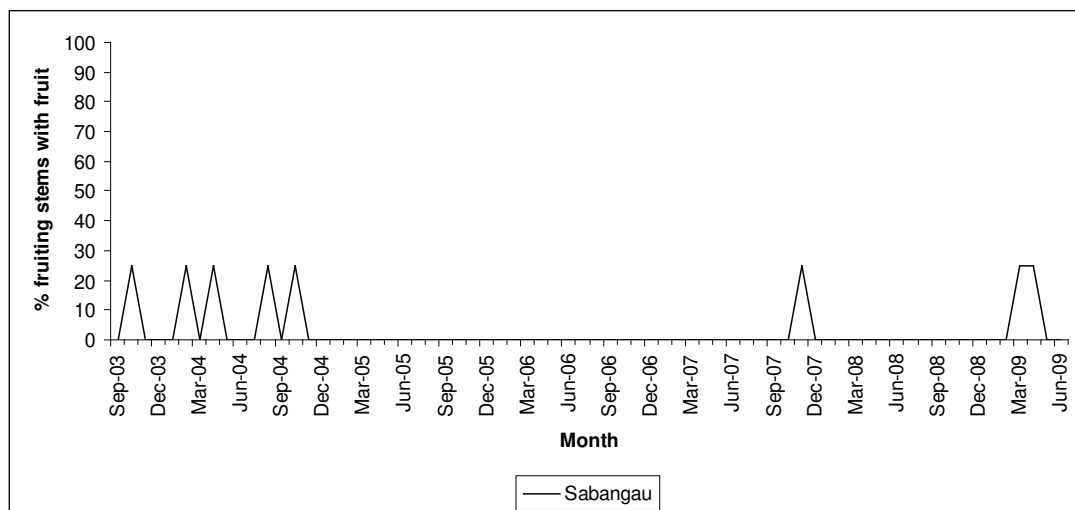
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	15.00	12.50	20.00	3.33	0	0	0	0	31.94	59.72	45.56	35.56
SD SA	23.45	30.62	40.00	8.16	0	0	0	0	28.80	22.42	31.10	30.01
Mean TU	70.00	62.50	46.67	18.33	10.83	0	5.00	5.00	29.17	60.00	63.33	66.67
SD TU	37.42	34.02	41.31	28.58	12.01	0	11.18	11.18	45.87	45.61	38.82	39.33

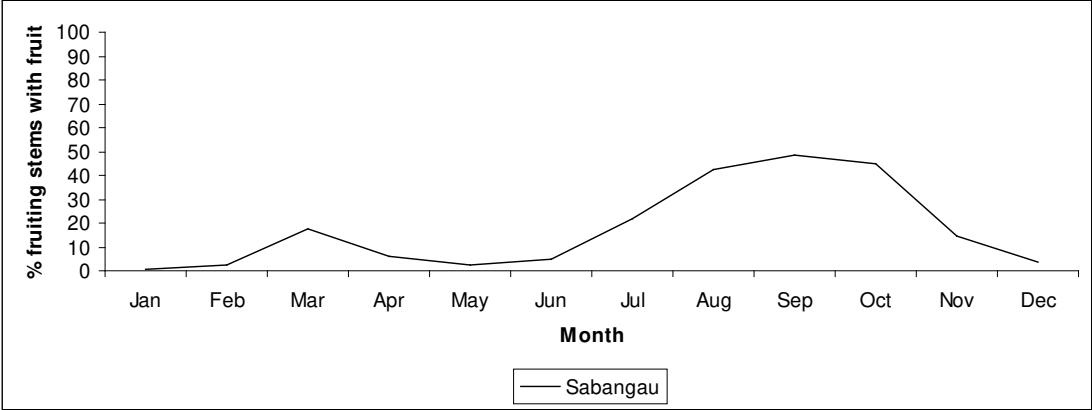
Family: Annonaceae
Latin Name: *Xylopia coriifolia*
 Local name: Nonang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	NA
Stem density > 20 cm DBH/ha	1	NA
Total number stems sampled	11	NA
Total number fruiting stems	4	NA
Percentage of fruiting stems	36	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	9	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



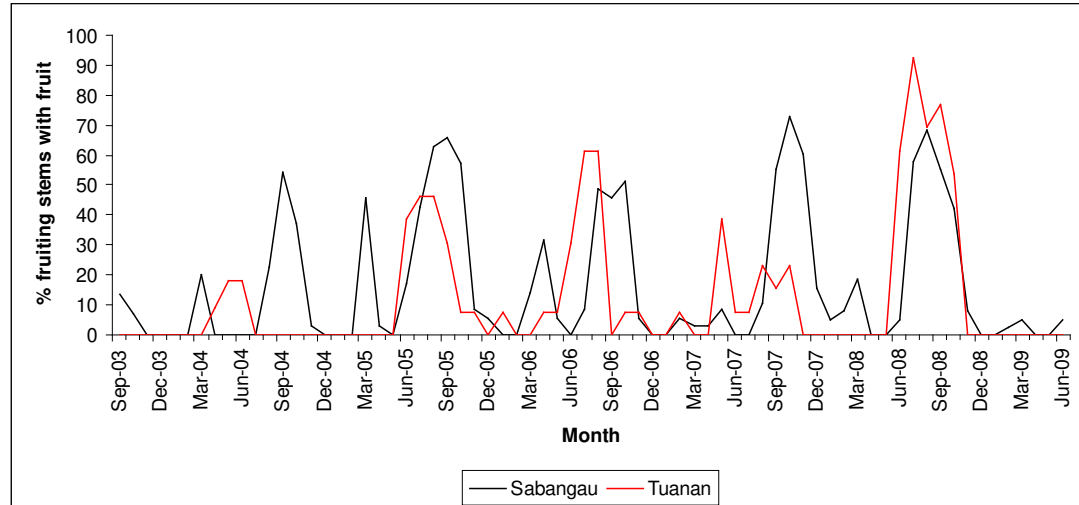
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	4.17	4.17	8.33	0	0	0	5.00	0	8.33	4.17	0
SD SA	0	10.21	10.21	12.91	0	0	0	11.18	0	12.91	10.21	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

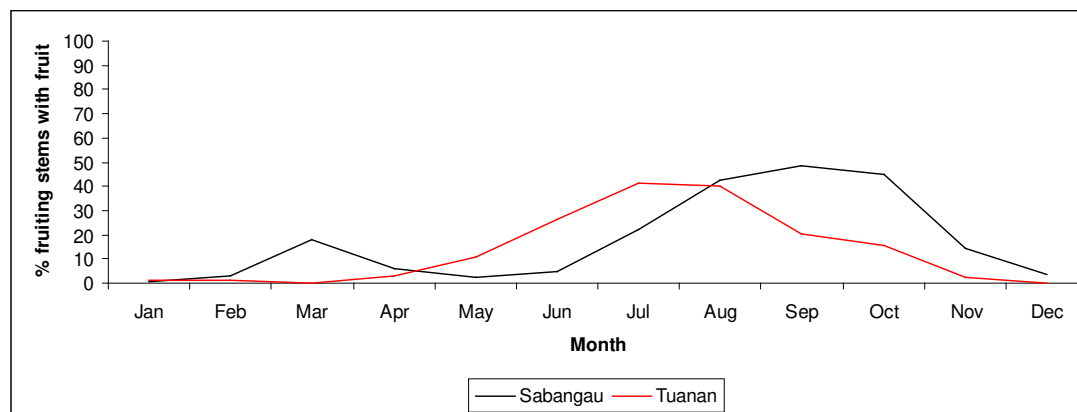
Family: Annonaceae
Latin Name: *Xylopia fusca*
 Local name: Rahanjang / jangkang kuning (SA), rahanjang bawi (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	32	10
Stem density > 20 cm DBH/ha	13	1
Total number stems sampled	59	19
Total number fruiting stems	35	13
Percentage of fruiting stems	59	68
Minimum / maximum percentage fruiting stems bearing fruit/year	43 / 92	0 / 100
Minimum DBH bearing fruit (cm)	8	10
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



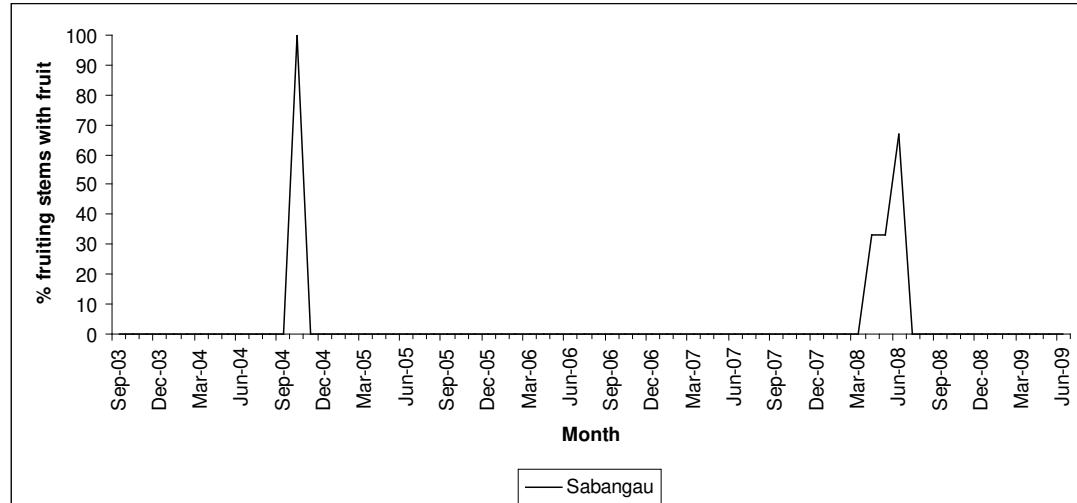
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0.88	2.71	17.76	6.19	2.38	4.61	21.86	42.65	48.34	44.61	14.26	3.58
SD SA	2.15	3.40	15.34	12.44	3.80	6.66	26.79	25.16	18.07	22.33	22.89	6.40
Mean TU	1.28	1.28	0	2.80	10.72	26.11	41.54	40.00	20.51	15.38	2.56	0
SD TU	3.14	3.14	0	4.36	15.36	22.42	38.31	28.47	30.25	20.64	3.97	0

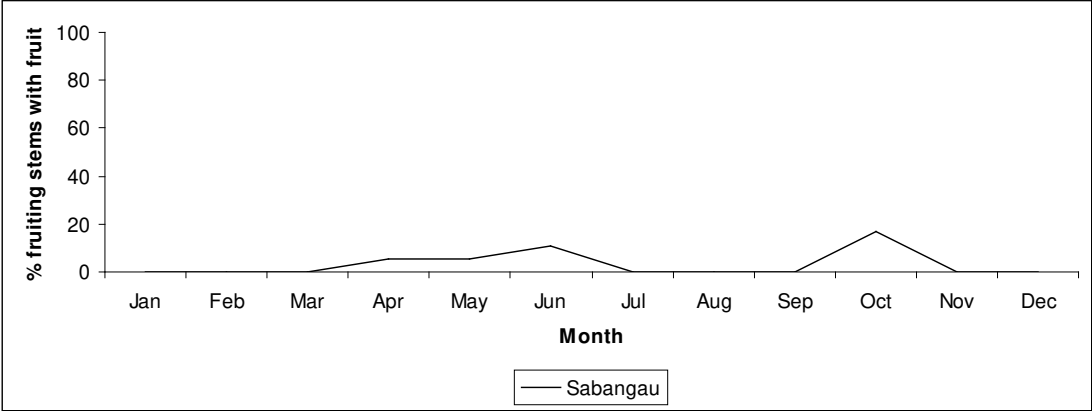
Family: Annonaceae
Latin Name: *Xylopia cf. malayana*
 Local name: Tagula (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	NA
Stem density > 20 cm DBH/ha	< 1	NA
Total number stems sampled	10	NA
Total number fruiting stems	3	NA
Percentage of fruiting stems	30	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



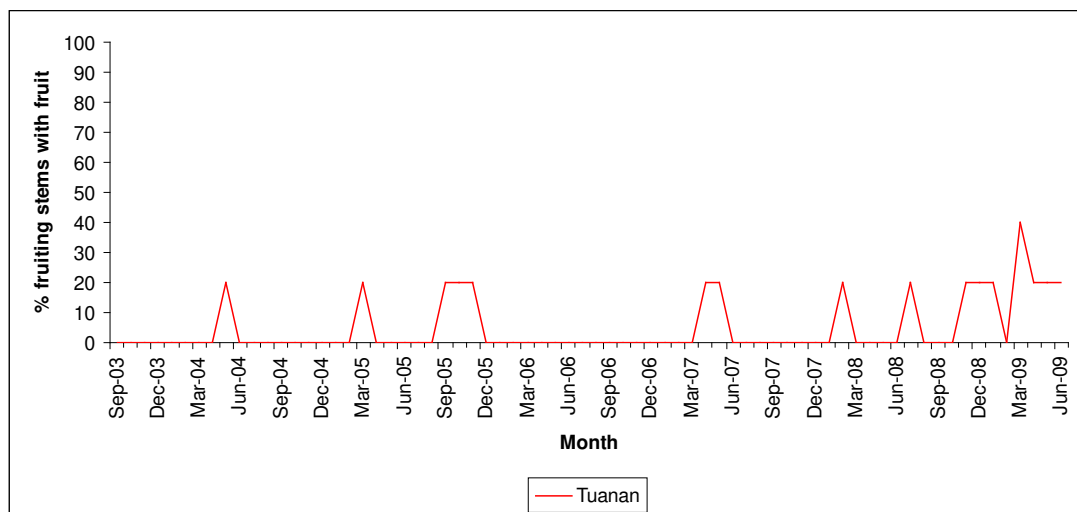
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	5.56	5.56	11.11	0	0	0	16.67	0	0
SD SA	0	0	0	13.61	13.61	27.22	0	0	0	40.82	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

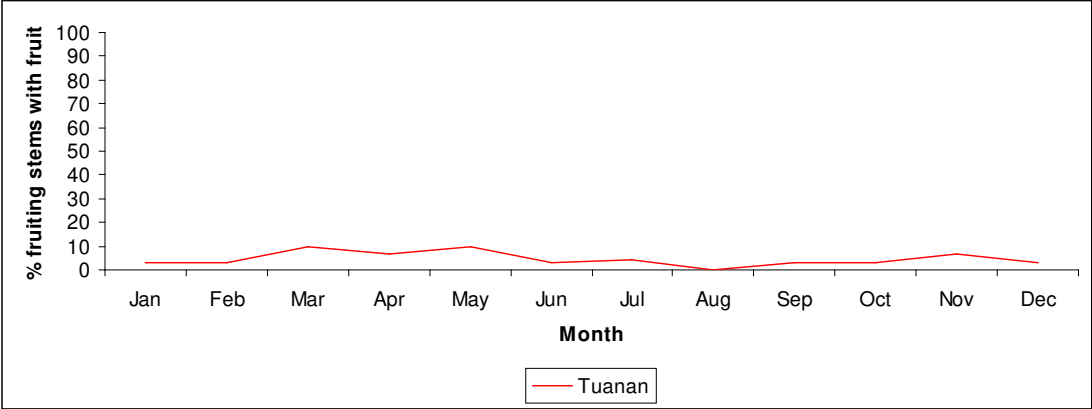
Family: Annonaceae
Latin Name: *Xylopia spp. (exc. fusca)*
 Local name: Rahanjang batu / hatue (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	NA	5
Stem density > 20 cm DBH/ha	NA	< 1
Total number stems sampled	NA	9
Total number fruiting stems	NA	5
Percentage of fruiting stems	NA	56
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 40
Minimum DBH bearing fruit (cm)	NA	13
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



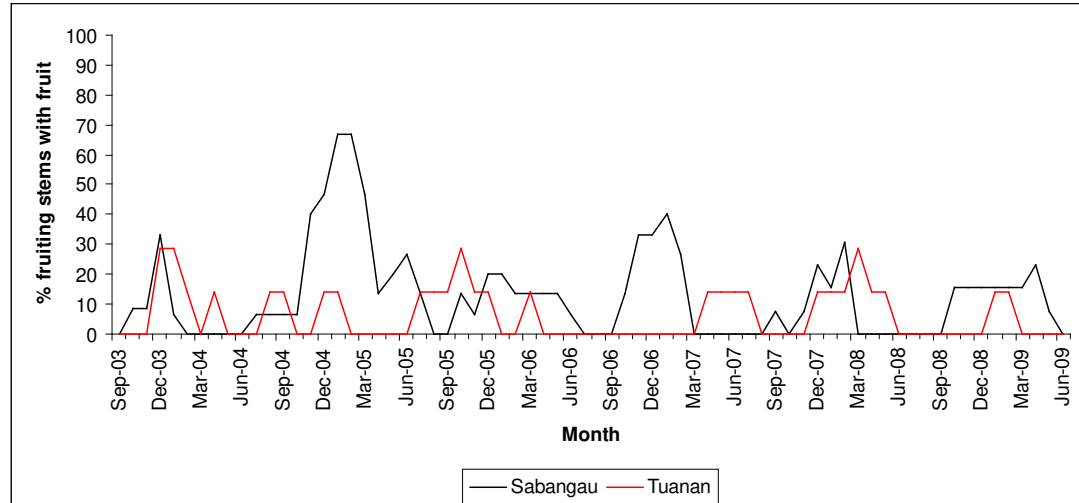
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	3.33	3.33	10.00	6.67	10.00	3.33	4.00	0	3.33	3.33	6.67	3.33
SD TU	8.16	8.16	16.73	10.33	10.95	8.16	8.94	0	8.16	8.16	10.33	8.16

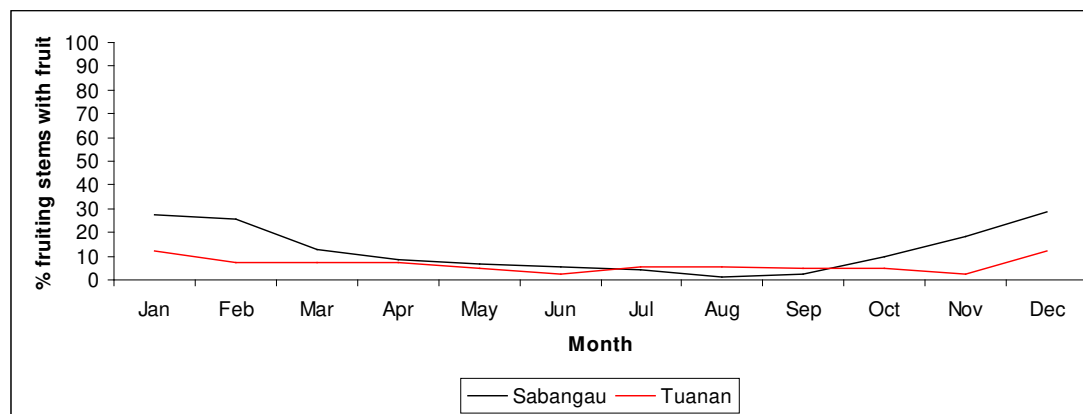
Family: Apocynaceae
Latin Name: *Dyera lowii*
 Local name: Jelutong (SA), pantung (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	16	12
Stem density > 20 cm DBH/ha	11	6
Total number stems sampled	43	23
Total number fruiting stems	15	7
Percentage of fruiting stems	35	30
Minimum / maximum percentage fruiting stems bearing fruit/year	23 / 80	14 / 43
Minimum DBH bearing fruit (cm)	6 / 23* Frequent	15 Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	27.35	25.47	12.56	8.29	6.84	5.56	4.00	1.33	2.39	9.51	18.57	28.63
SD SA	22.24	22.91	18.14	9.75	8.44	10.68	5.96	2.98	3.72	5.72	14.51	11.40
Mean TU	11.90	7.14	7.14	7.14	4.76	2.38	5.71	5.71	4.76	4.76	2.38	11.90
SD TU	10.75	7.82	11.95	7.82	7.38	5.83	7.82	7.82	7.38	11.66	5.83	10.75

Family: Aquifoliaceae

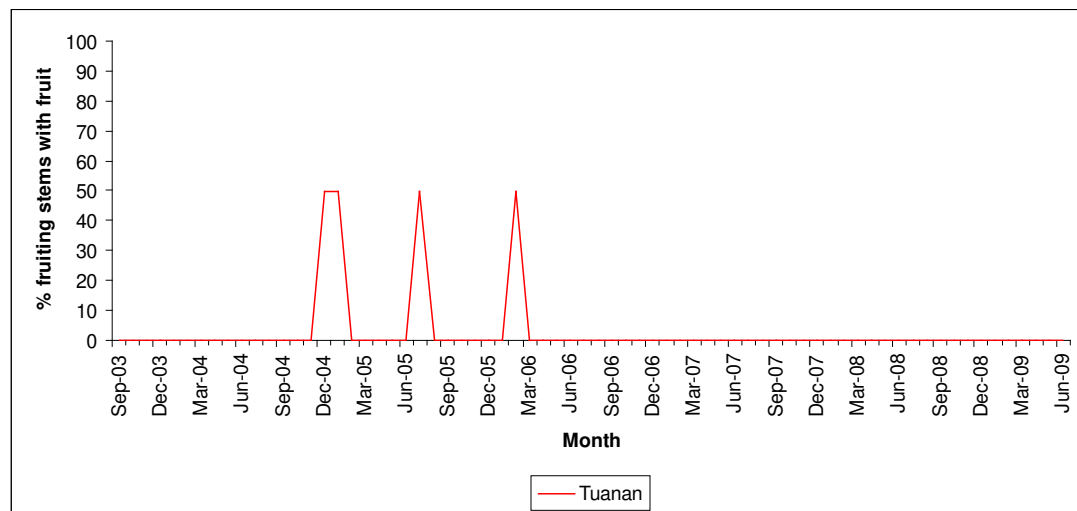
Latin Name: *Ilex cymosa* / sp. 1

Local name: No local name (SA), kambasira hatue / kambasira bawi (TU)

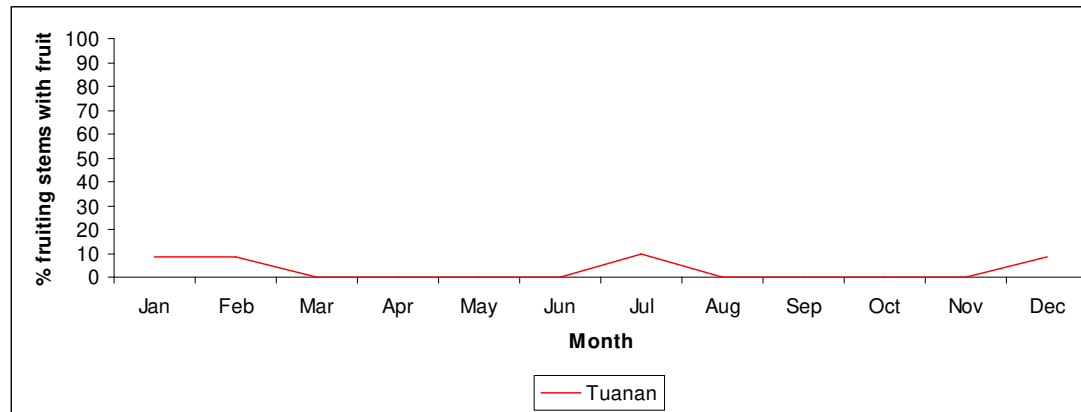
* Minimum DBH producing fruit 6 cm, but on 123 observations of fruiting in this species, 120 (97%) were in trees over 23 cm DBH

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	7
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	0	13
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	15
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	14
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



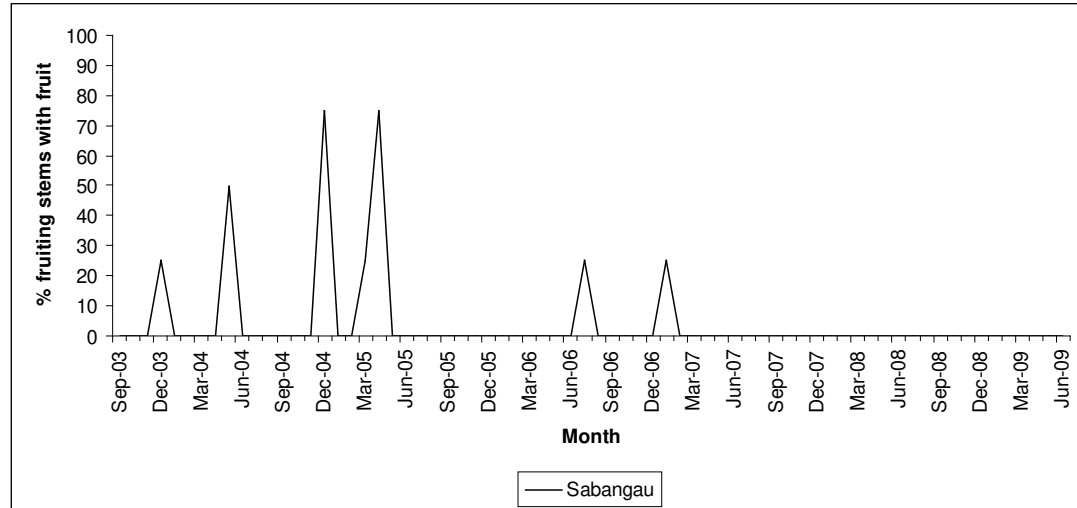
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	8.33	8.33	0	0	0	0	10.00	0	0	0	0	8.33
SD TU	20.41	20.41	0	0	0	0	22.36	0	0	0	0	20.41

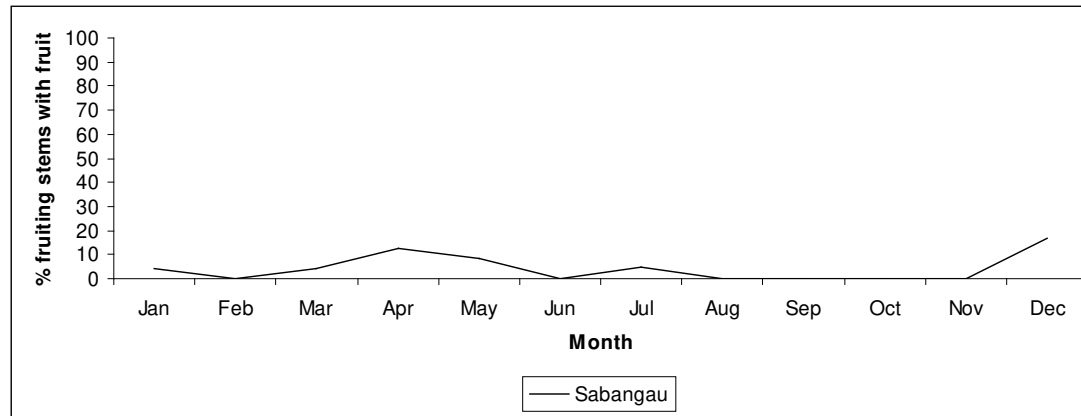
Family: Aquifoliaceae
Latin Name: *Ilex hypoglauca*
 Local name: Sumpung (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	9	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	26	0
Total number fruiting stems	4	NA
Percentage of fruiting stems	15	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 75	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



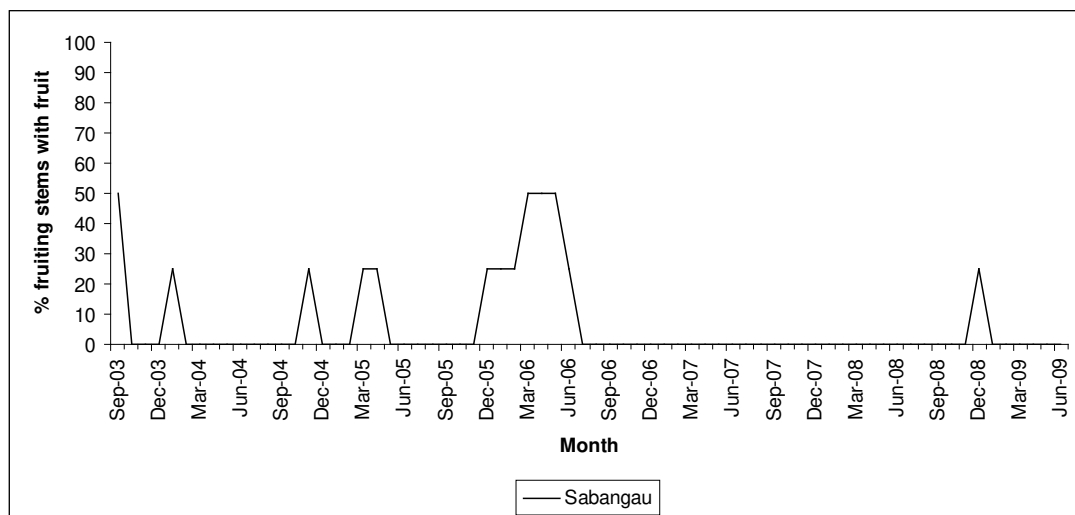
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	4.17	0	4.17	12.50	8.33	0	5.00	0	0	0	0	16.67
SD SA	10.21	0	10.21	30.62	20.41	0	11.18	0	0	0	0	30.28
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

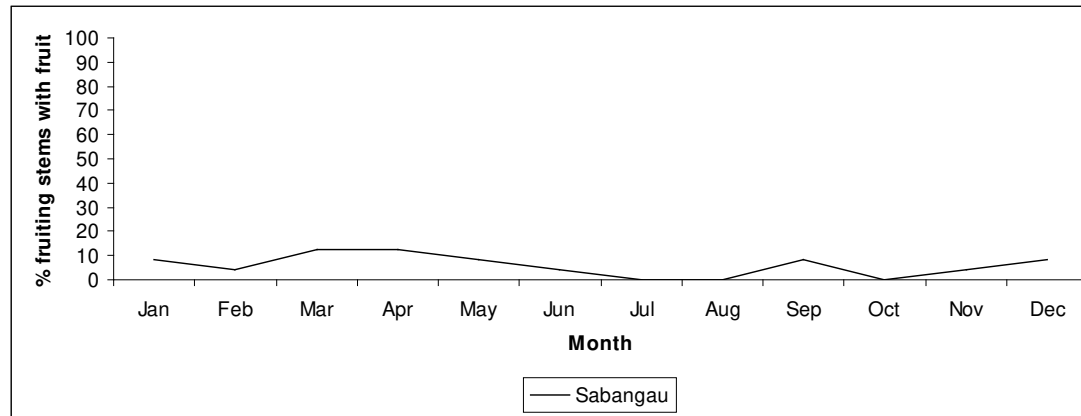
Family: Burseraceae
Latin Name: *Canarium sp. 1*
 Local name: Geronggang putih (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	9	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	12	0
Total number fruiting stems	4	NA
Percentage of fruiting stems	33	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 75	NA
Minimum DBH bearing fruit (cm)	15	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	4.17	12.50	12.50	8.33	4.17	0	0	8.33	0	4.17	8.33
SD SA	12.91	10.21	20.92	20.92	20.41	10.21	0	0	20.41	0	10.21	12.91
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Burseraceae

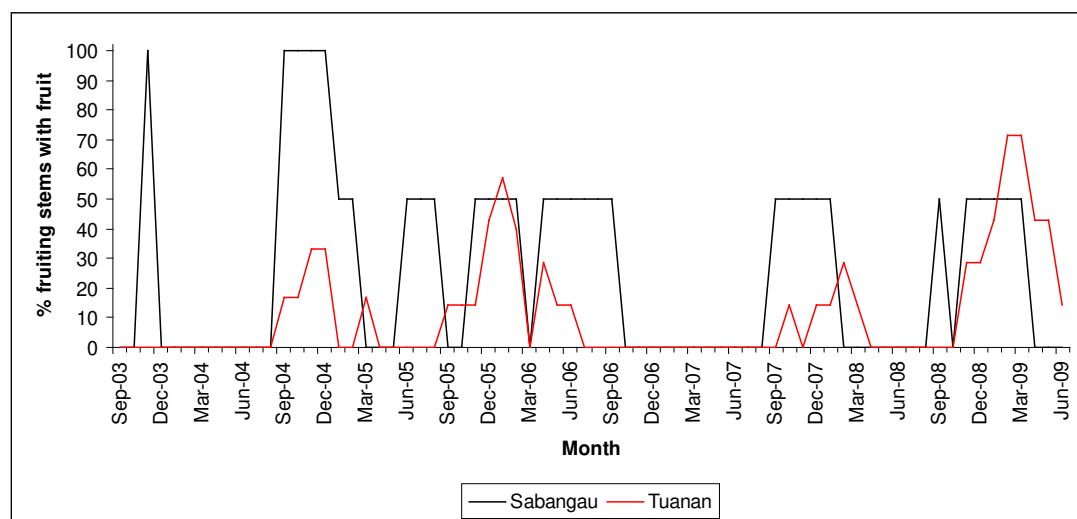
Latin Name: *Santiria spp.*

Local name: Geronggang spp./teras bambang/irat (SA), galagah parupuk/kayu sapat (TU)

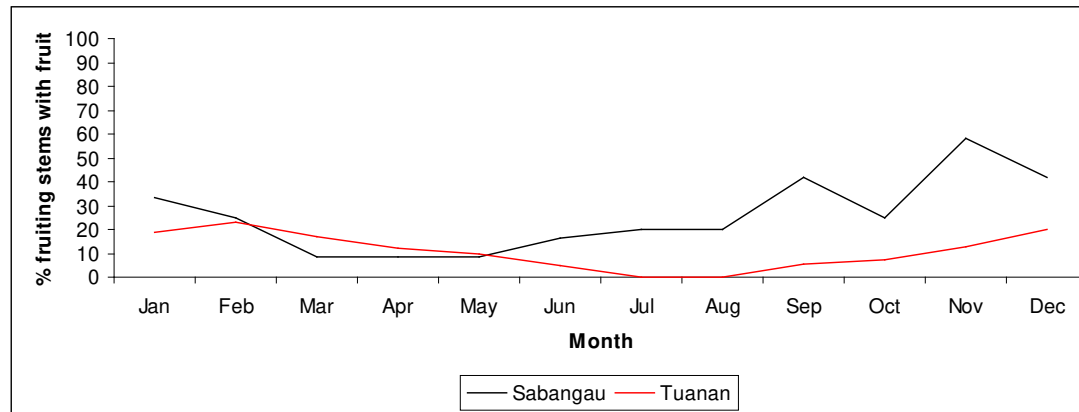
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	6
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	20	11
Total number fruiting stems	2	7

Percentage of fruiting stems	10	64
Minimum / maximum percentage fruiting stems bearing fruit/year	50 / 100	0 / 71
Minimum DBH bearing fruit (cm)	29	10
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	33.33	25.00	8.33	8.33	8.33	16.67	20.00	20.00	41.67	25.00	58.33	41.67
SD SA	25.82	27.39	20.41	20.41	20.41	25.82	27.39	27.39	37.64	41.83	37.64	37.64
Mean TU	19.05	23.33	17.06	11.90	9.52	4.76	0	0	5.16	7.54	12.70	19.84
SD TU	25.02	29.16	27.70	18.99	17.30	7.38	0	0	8.03	8.30	15.26	17.92

Family: Celesteraceae

Latin Name: *Lophopetalum sp. 1*

Local name: Mahuwi (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA

Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

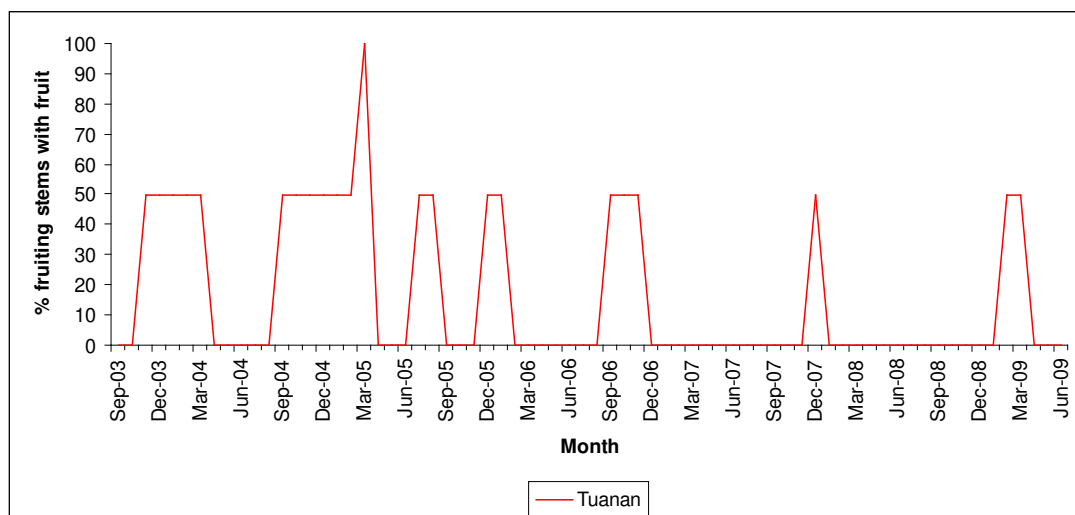
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

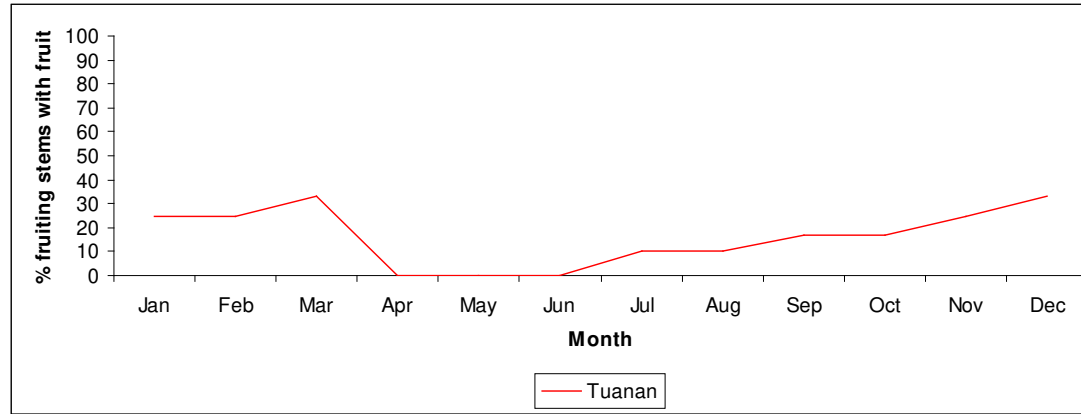
Family: Chrysobalanaceae
Latin Name: *Liciana splendens*
 Local name: Bintan (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	2
Stem density > 20 cm DBH/ha	< 1	2
Total number stems sampled	0	3
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	67
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	23
Fruiting regularity category	NA	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



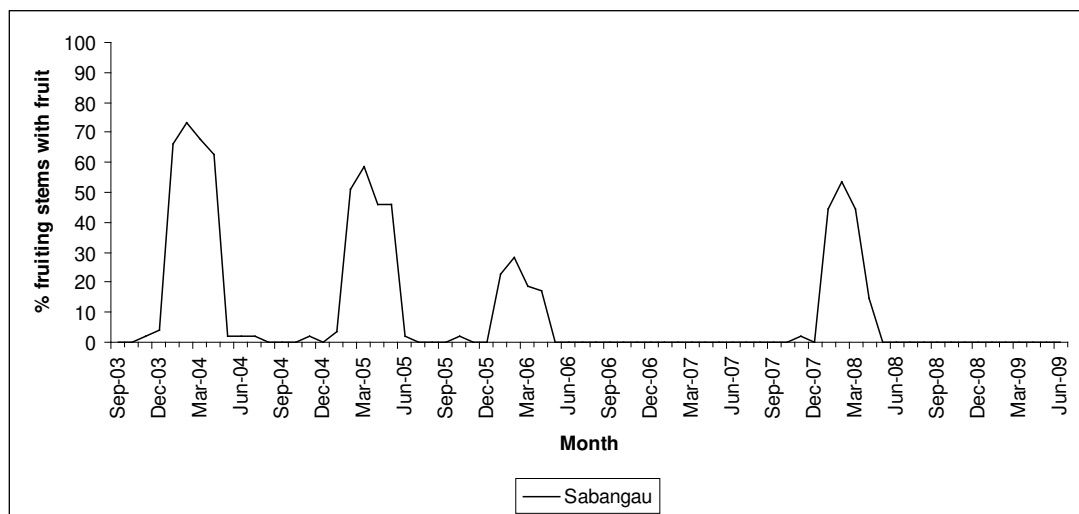
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	25.00	25.00	33.33	0	0	0	10.00	10.00	16.67	16.67	25.00	33.33
SD TU	27.39	27.39	40.82	0	0	0	22.36	22.36	25.82	25.82	27.39	25.82

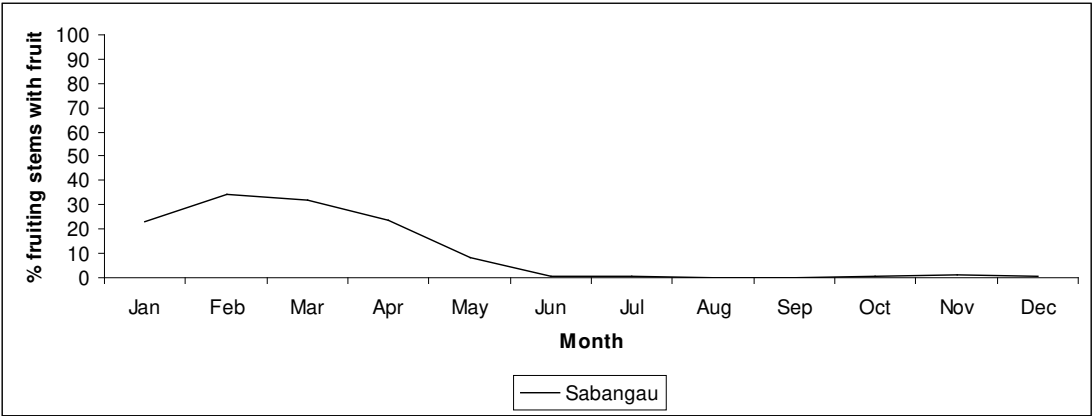
Family: Clusiaceae / Gutterifae
Latin Name: *Calophyllum hosei*
 Local name: Jinjit / bintangor (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	71	0
Stem density > 20 cm DBH/ha	11	0
Total number stems sampled	118	0
Total number fruiting stems	54	NA
Percentage of fruiting stems	46	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 56	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	22.81	34.36	31.67	23.41	7.99	0.62	0.36	0	0	0.31	0.96	0.69
SD SA	27.37	30.19	29.60	25.52	18.71	0.96	0.80	0	0	0.77	1.06	1.70
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Clusiaceae / Gutterifae
Latin Name: *Calophyllum inophyllum*
 Local name: Kapurnaga jangkar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

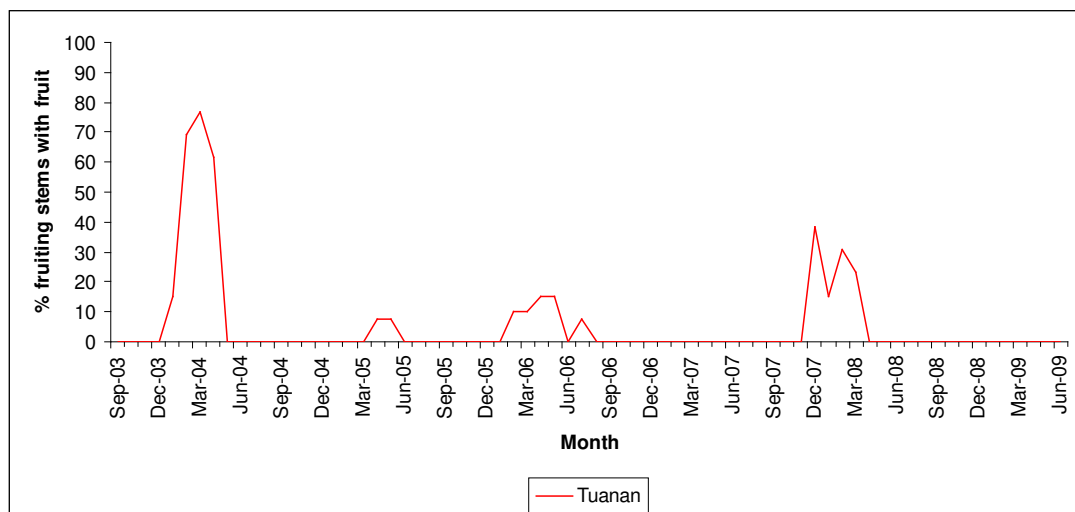
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

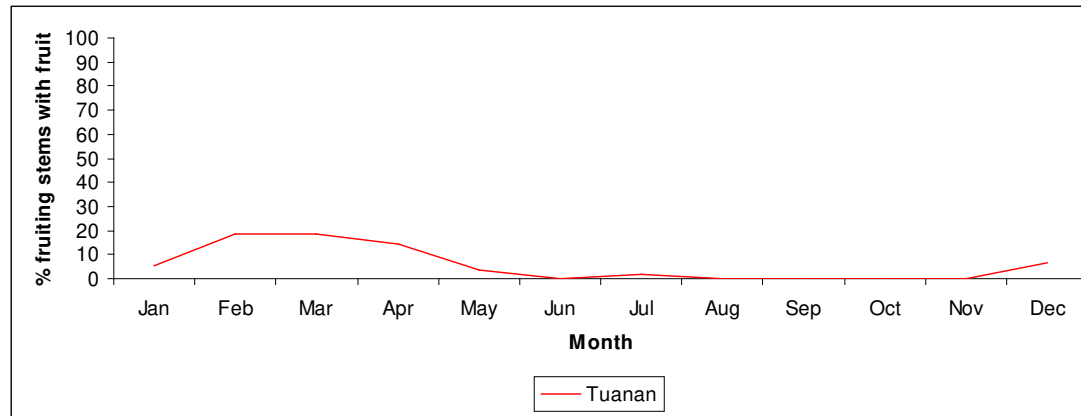
Family: Clusiaceae / Guttiferae
Latin Name: *Calophyllum nodosum*
 Local name: Mahadingan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	11
Stem density > 20 cm DBH/ha	0	3
Total number stems sampled	0	21
Total number fruiting stems	NA	13
Percentage of fruiting stems	NA	62
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 77
Minimum DBH bearing fruit (cm)	NA	13
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



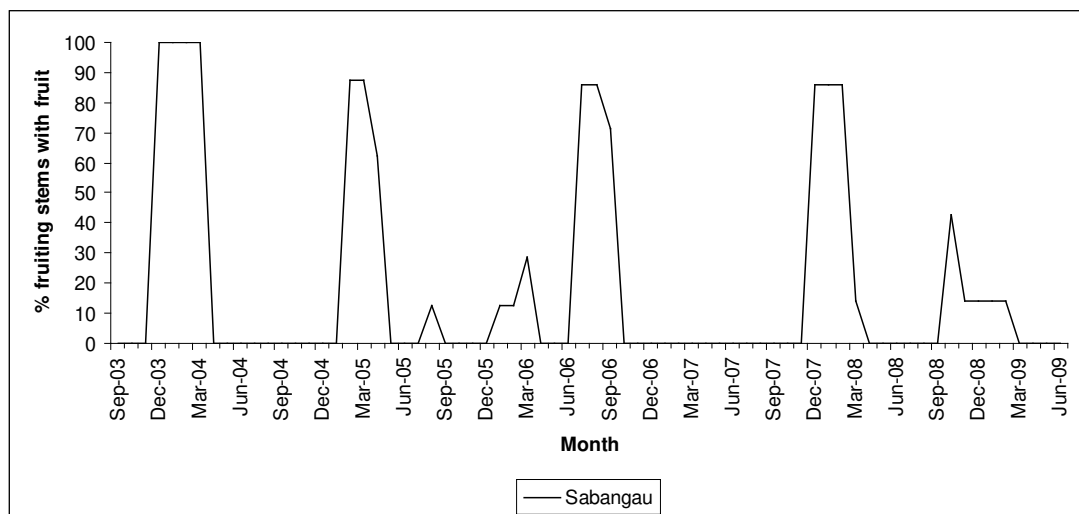
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	5.13	18.33	18.33	14.10	3.85	0	1.54	0	0	0	0	6.41
SD TU	7.94	27.65	30.11	24.04	6.44	0	3.44	0	0	0	0	15.70

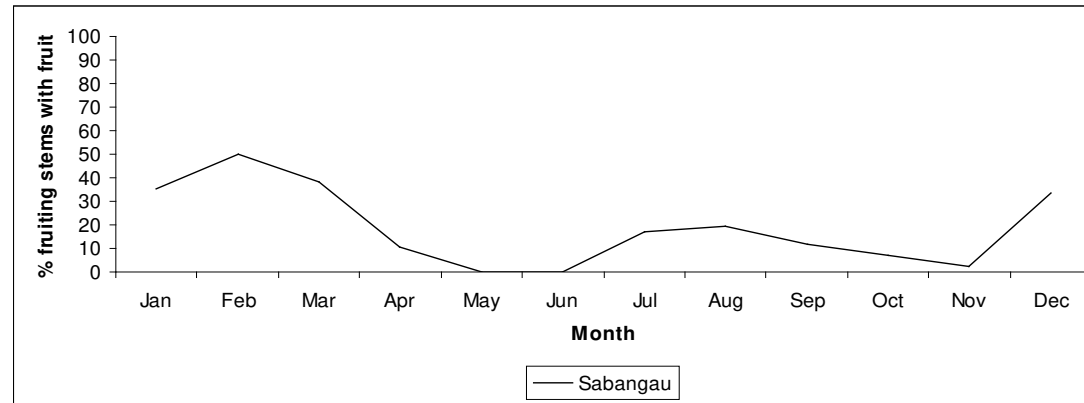
Family: Clusiaceae / Gutterifae
Latin Name: *Calophyllum schlerophyllum* (SA)
 Local name: Kapurnaga (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	7	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	19	0
Total number fruiting stems	8	NA
Percentage of fruiting stems	42	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	43 / 100	NA
Minimum DBH bearing fruit (cm)	30	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	35.42	50.00	38.39	10.42	0	0	17.14	19.64	11.90	7.14	2.38	33.33
SD SA	45.12	45.53	44.35	25.52	0	0	38.33	37.33	29.16	17.50	5.83	46.66
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Clusiaceae / Guttérifae
Latin Name: *Calophyllum sclerophyllum* (TU)
 Local name: Kapurnaga kakal (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

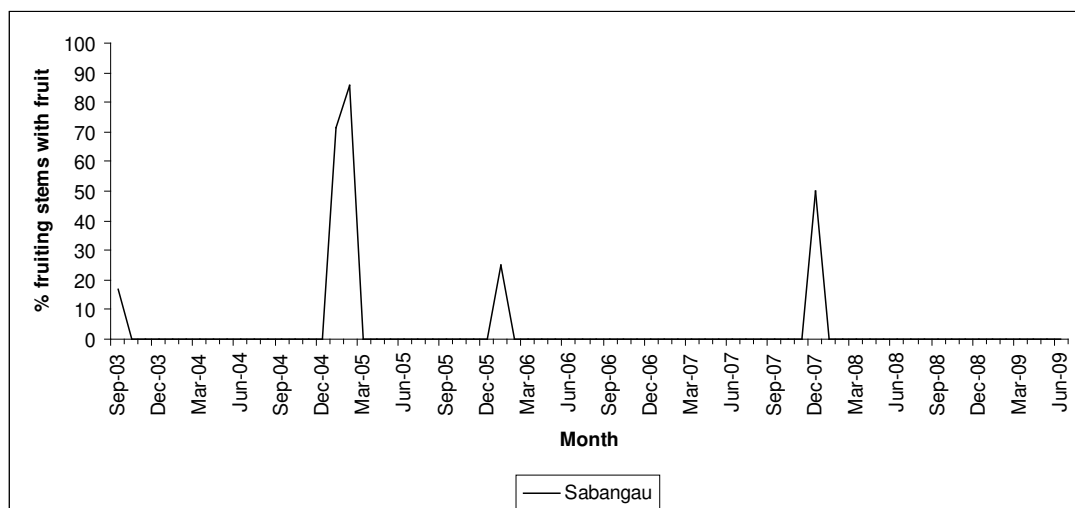
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

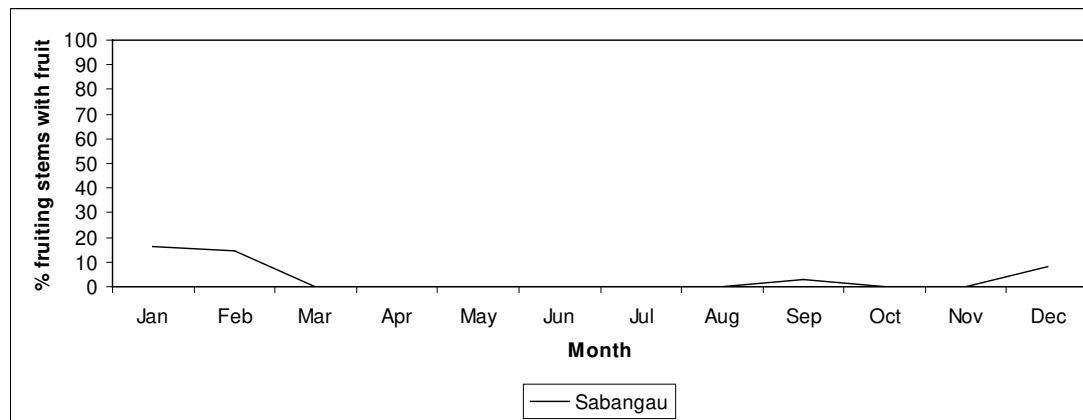
Family: Clusiaceae / Gutterifae
Latin Name: *Calophyllum soulattri*
 Local name: Takal (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	26	0
Stem density > 20 cm DBH/ha	3	0
Total number stems sampled	37	0
Total number fruiting stems	8	NA
Percentage of fruiting stems	22	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 85	NA
Minimum DBH bearing fruit (cm)	15	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



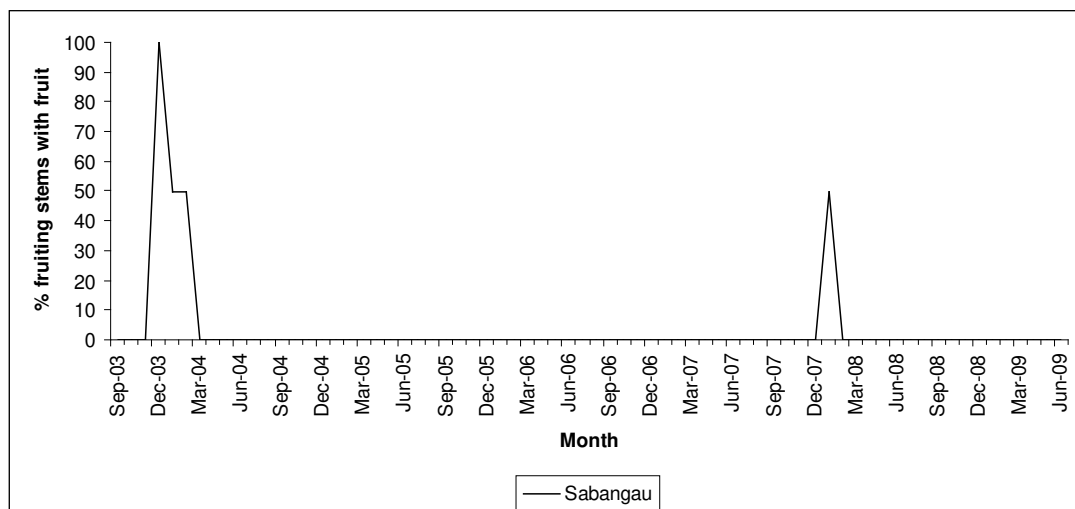
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.07	14.29	0	0	0	0	0	0	2.78	0	0	8.33
SD SA	28.90	34.99	0	0	0	0	0	0	6.80	0	0	20.41
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

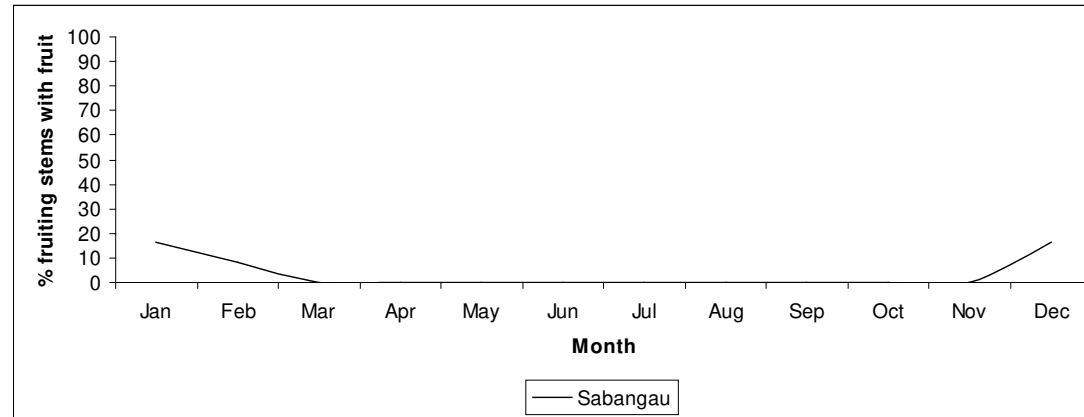
Family: Clusiaceae / Guttiferaceae
Latin Name: *Calophyllum sp.*
 Local name: Kapurnaga laut (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	12	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	17	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	12	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



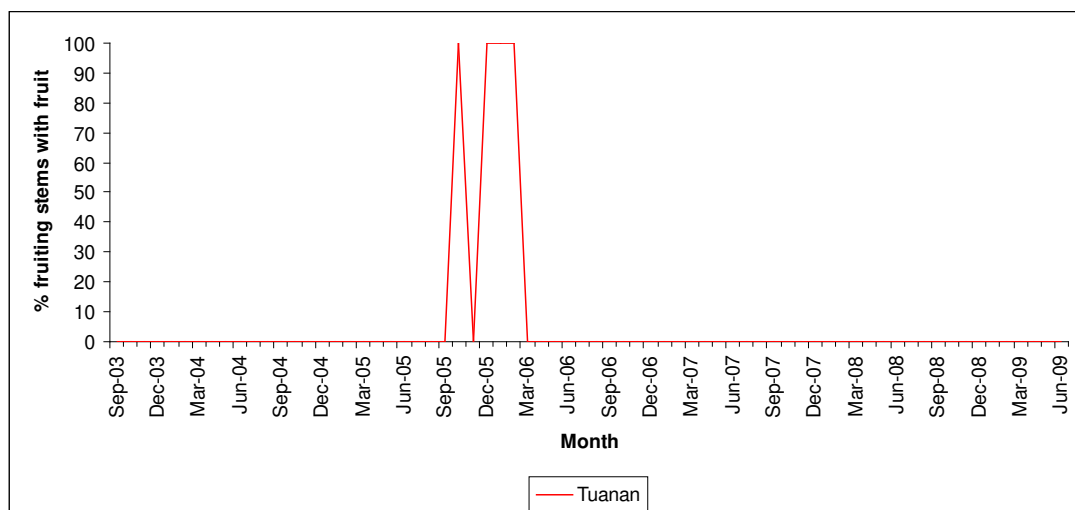
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	8.33	0	0	0	0	0	0	0	0	0	16.67
SD SA	25.82	20.41	0	0	0	0	0	0	0	0	0	40.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

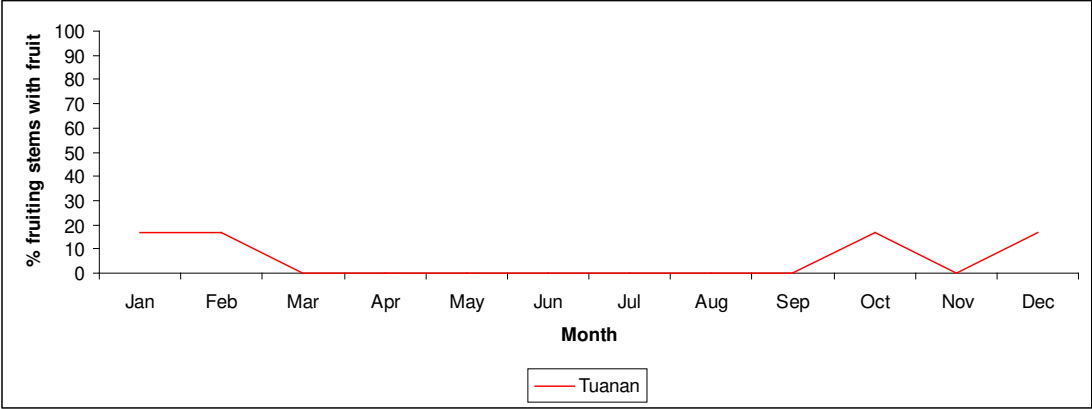
Family: Clusiaceae / Guttiferaceae
Latin Name: *Garcinia cf. parvifolia*
 Local name: Gandis (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	1
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	0	2
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	50
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	11
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



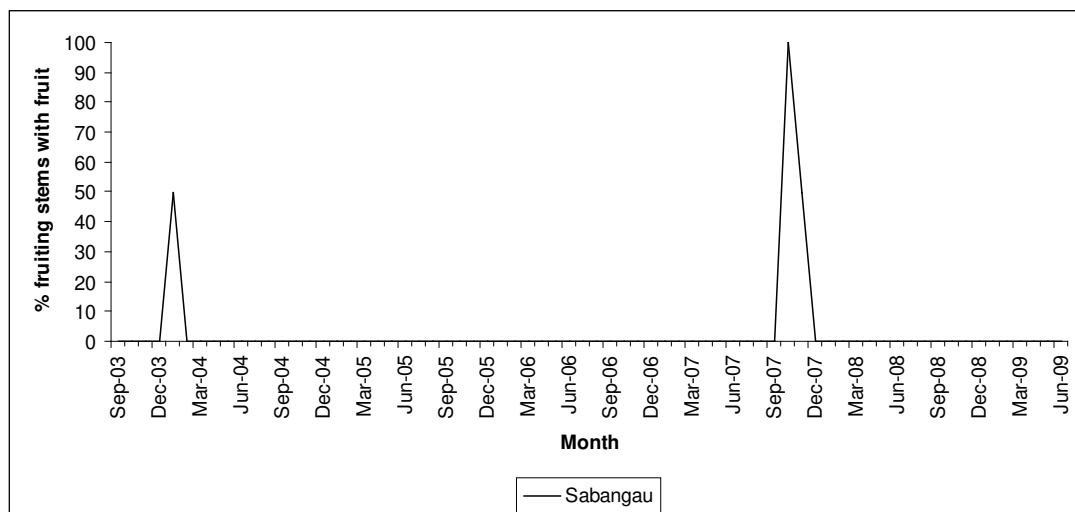
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	16.67	16.67	0	0	0	0	0	0	0	16.67	0	16.67
SD TU	40.82	40.82	0	0	0	0	0	0	0	40.82	0	40.82

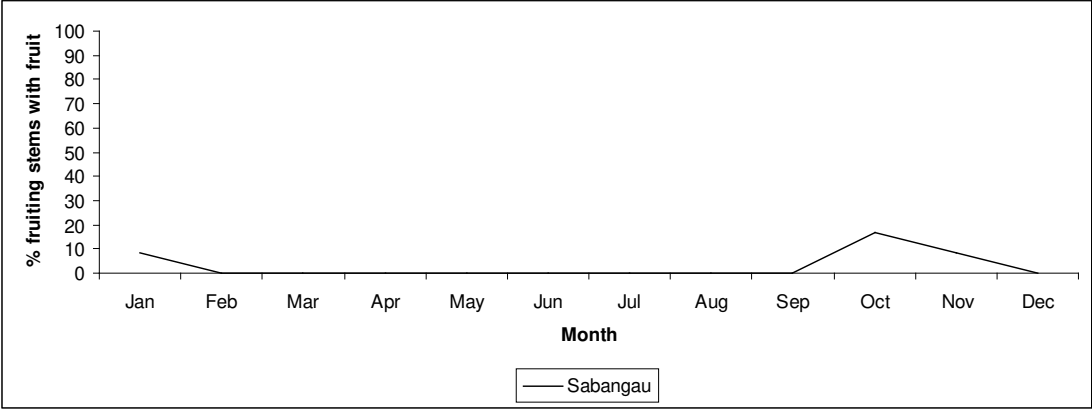
Family: Clusiaceae / Gutterifae
Latin Name: *Garcinia sp. 1*
 Local name: Aci (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	13	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	18	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	11	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	15	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



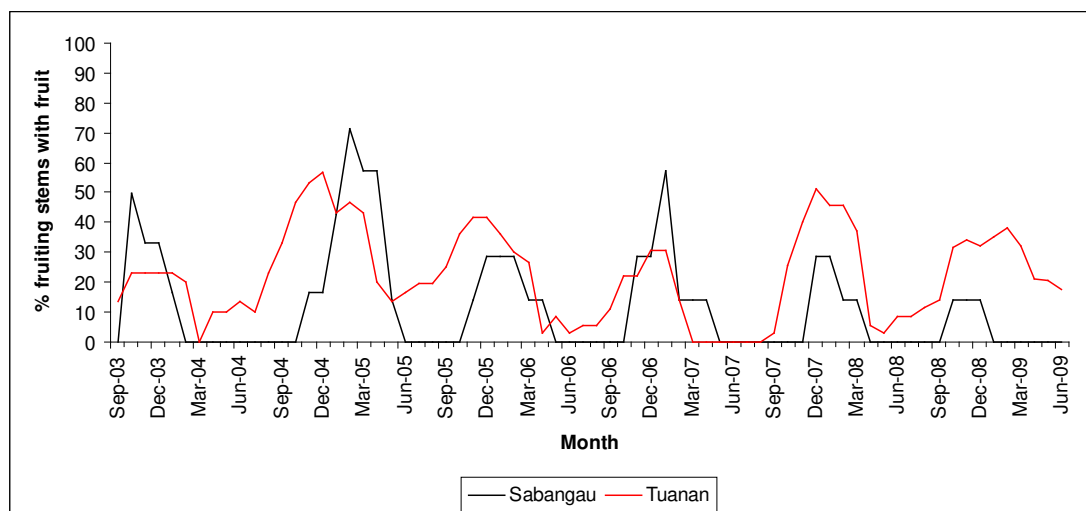
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	0	0	0	0	0	0	0	0	16.67	8.33	0
SD SA	20.41	0	0	0	0	0	0	0	0	40.82	20.41	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

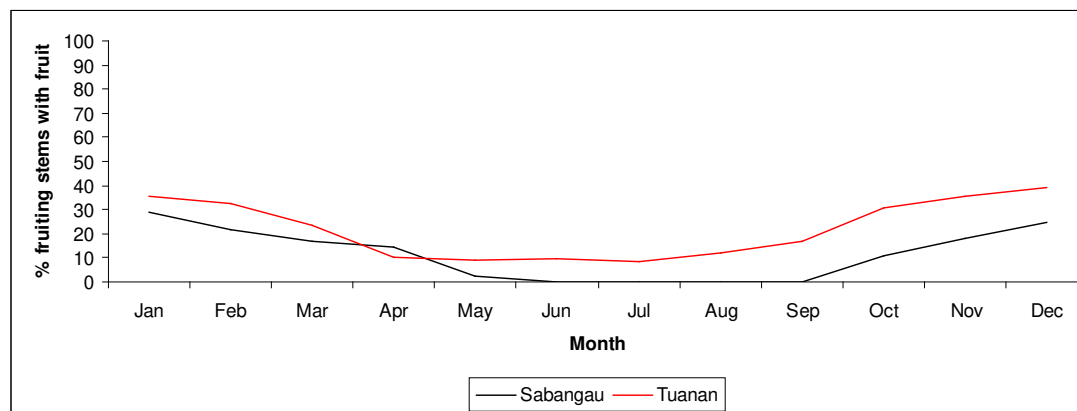
Family: Clusiaceae / Gutterifae
Latin Name: *Garcinia spp (exc. cf. parvifolia, SA sp. 1 and TU sp 1).*
Local name: Manggis spp. (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	12	33
Stem density > 20 cm DBH/ha	< 1	2.5
Total number stems sampled	30	66
Total number fruiting stems	8	36
Percentage of fruiting stems	27	55
Minimum / maximum percentage fruiting stems bearing fruit/year	13 / 67	36 / 67
Minimum DBH bearing fruit (cm)	7	10
Fruiting regularity category	Regular	Year-round

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



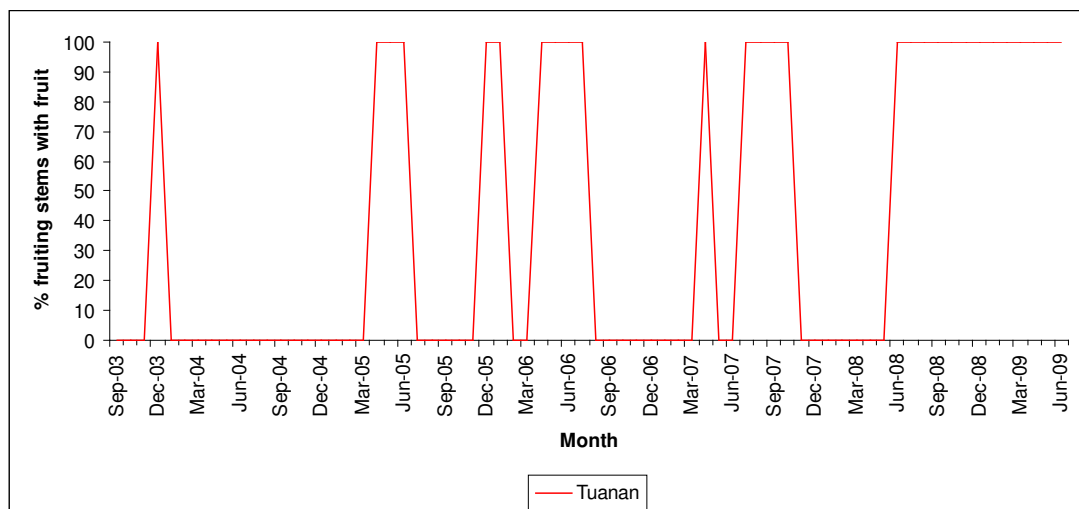
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	25.30	18.75	14.58	12.50	2.08	0	0	0	0	9.23	15.48	24.11
SD SA	17.44	23.39	18.40	19.36	5.10	0	0	0	0	17.22	10.21	10.82
Mean TU	35.72	32.42	23.25	9.95	9.19	9.83	8.71	11.95	16.65	30.91	35.81	39.33
SD TU	8.23	13.54	18.83	8.90	7.39	7.32	7.12	9.61	10.82	9.33	11.85	12.91

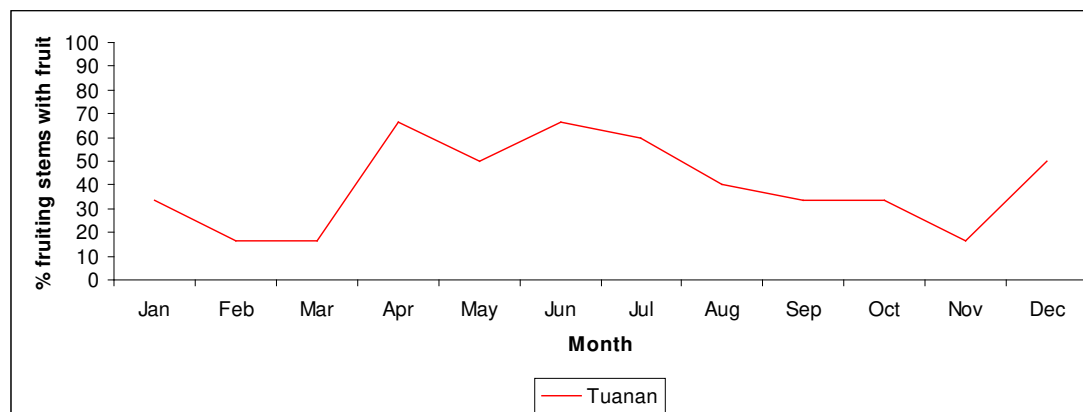
Family: Clusiaceae / Gutterifae
Latin Name: *Gardenia leiocarpum*
 Local name: Hantangan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	100 / 100
Minimum DBH bearing fruit (cm)	NA	12
Fruiting regularity category	NA	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



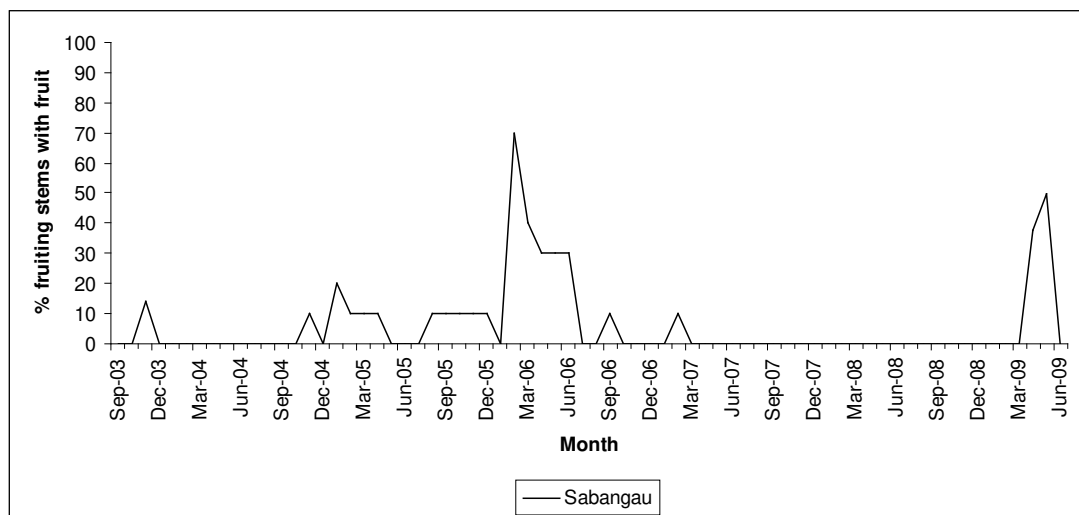
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	33.33	16.67	16.67	66.67	50.00	66.67	60.00	40.00	33.33	33.33	16.67	50.00
SD TU	51.64	40.82	40.82	51.64	54.77	51.64	54.77	54.77	51.64	51.64	40.82	54.77

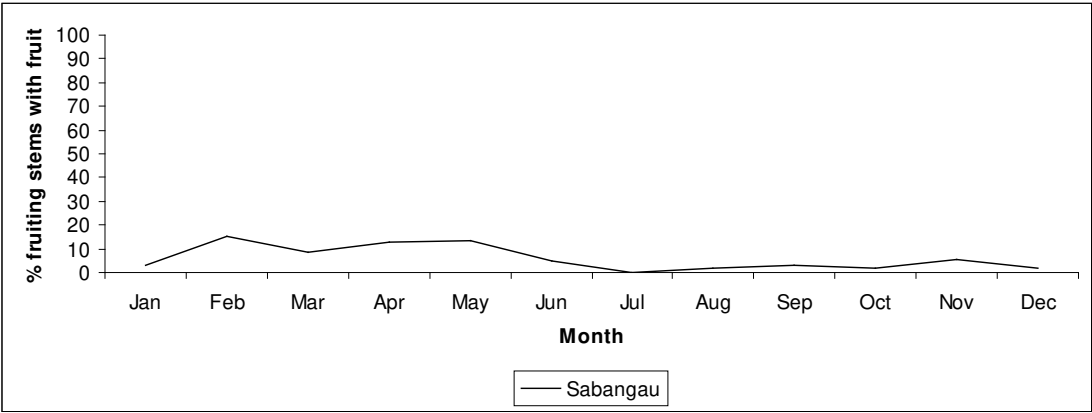
Family: Clusiaceae / Gutterifae
Latin Name: *Mesua sp. 1*
 Local name: Tabaras akar tinggi (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	19	0
Stem density > 20 cm DBH/ha	3	0
Total number stems sampled	51	0
Total number fruiting stems	10	NA
Percentage of fruiting stems	20	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	10 / 80	NA
Minimum DBH bearing fruit (cm)	9	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



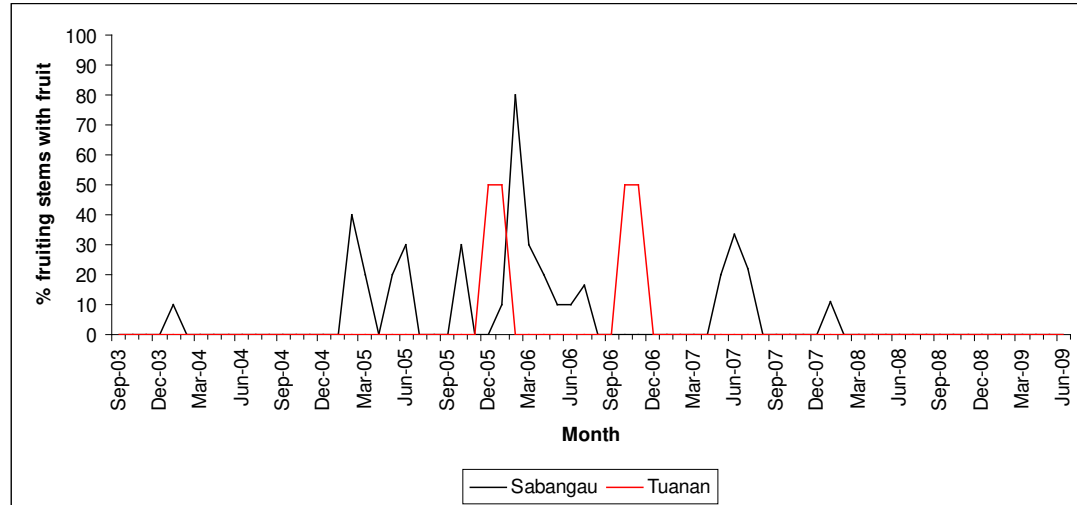
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	3.33	15.00	8.33	12.92	13.33	5.00	0	2.00	3.33	1.67	5.71	1.67
SD SA	8.16	27.39	16.02	16.76	21.60	12.25	0	4.47	5.16	4.08	6.45	4.08
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

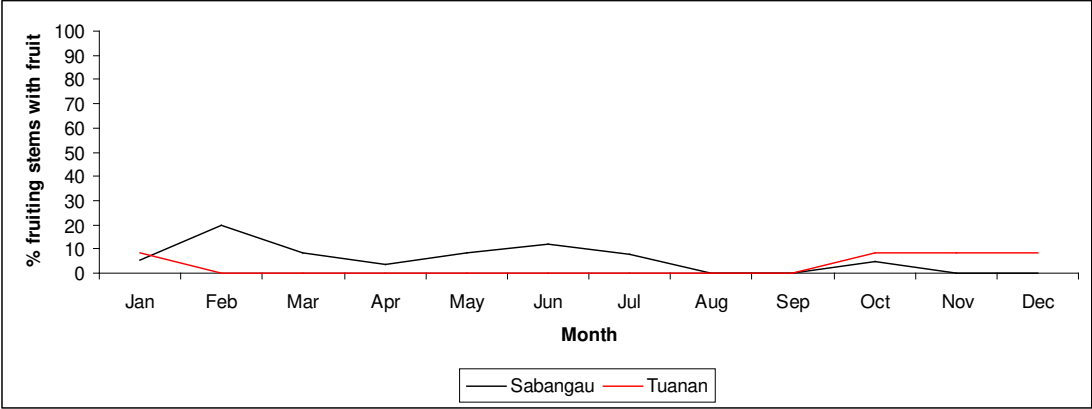
Family: Crypteroniaceae
Latin Name: *Dactylocladus stenostachys*
 Local name: Mertibu (SA), martibu (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	10	11
Stem density > 20 cm DBH/ha	6	3
Total number stems sampled	26	21
Total number fruiting stems	10	2
Percentage of fruiting stems	38	10
Minimum / maximum percentage fruiting stems bearing fruit/year	10 / 80	0 / 100
Minimum DBH bearing fruit (cm)	25	11
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	5.19	20.00	8.33	3.33	8.33	12.22	7.78	0	0	5.00	0	0
SD SA	5.69	33.47	13.29	8.16	9.83	15.59	10.83	0	0	12.25	0	0
Mean TU	8.33	0	0	0	0	0	0	0	0	8.33	8.33	8.33
SD TU	20.41	0	0	0	0	0	0	0	0	20.41	20.41	20.41

Family: Dipterocarpaceae
Latin Name: *cf. Anisoptera sp. 1*
 Local name: Keruing sabun (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Dipterocarpaceae
Latin Name: *Cotyolebium cf. lanceolatum*
 Local name: Rasak galaget (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	7	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

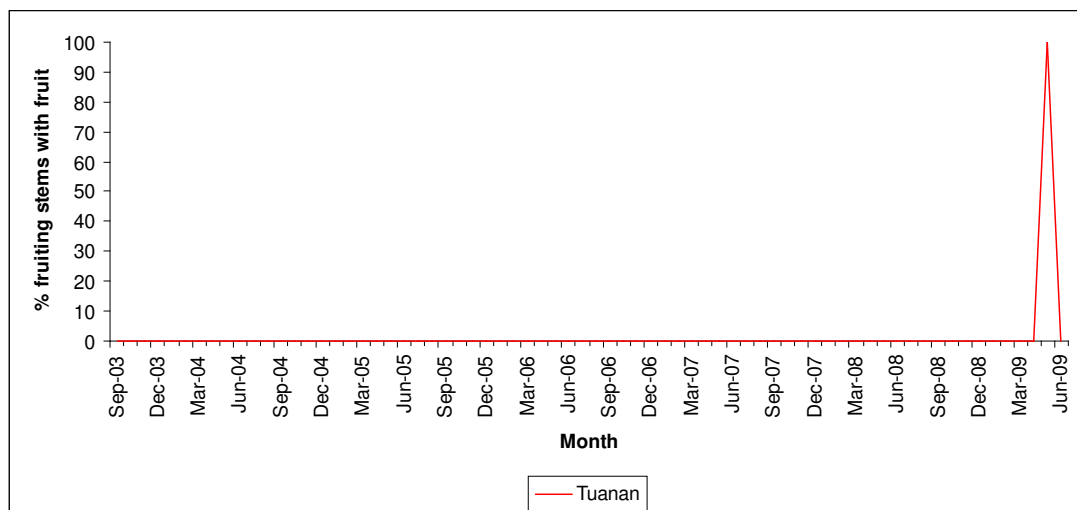
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

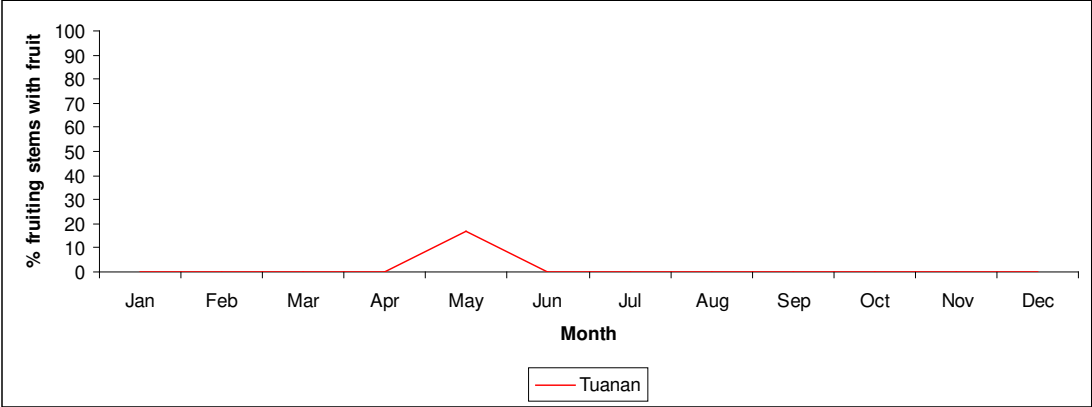
Family: Dipterocarpaceae
Latin Name: *Cotylelobium melanoxylon*
 Local name: No local name (SA), rasak bukit (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	< 1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	43
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



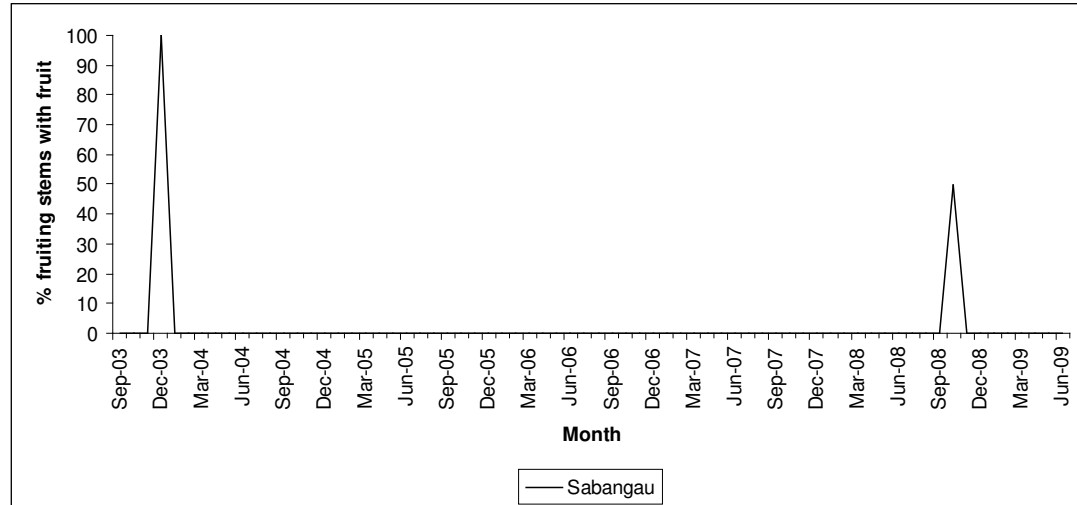
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	0	0	16.67	0	0	0	0	0	0	0
SD TU	0	0	0	0	40.82	0	0	0	0	0	0	0

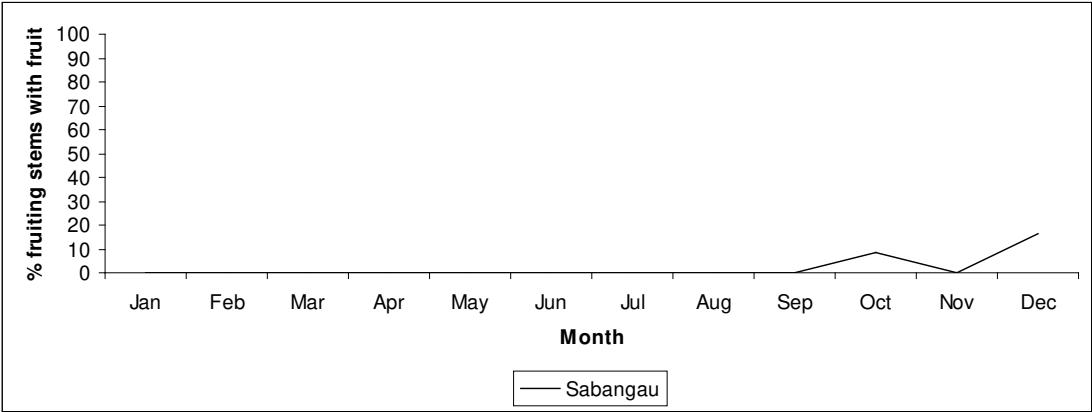
Family: Dipterocarpaceae
Latin Name: *Dipterocarpus borneensis*
 Local name: Keruing (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	10	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	20	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 50	NA
Minimum DBH bearing fruit (cm)	16	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



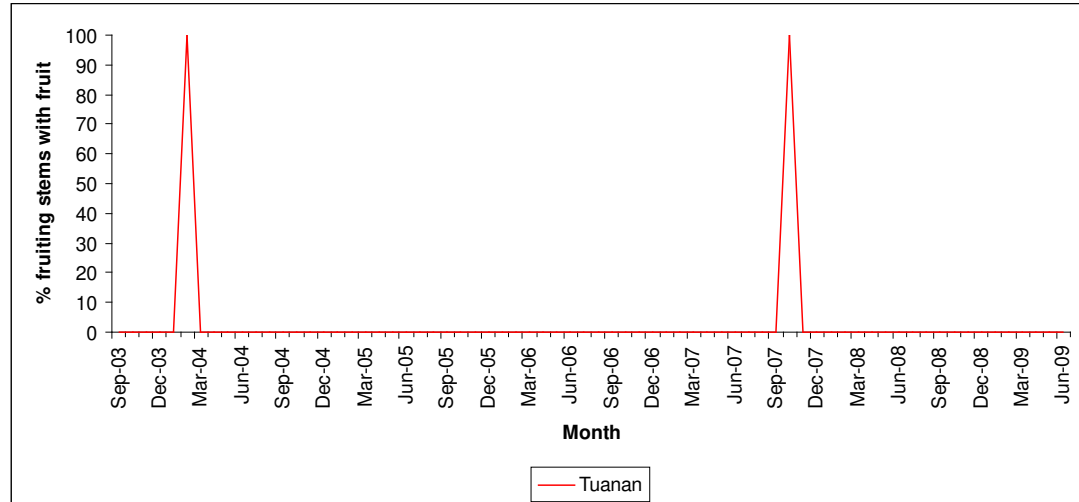
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	0	0	0	0	0	0	8.33	0	16.67
SD SA	0	0	0	0	0	0	0	0	0	20.41	0	40.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

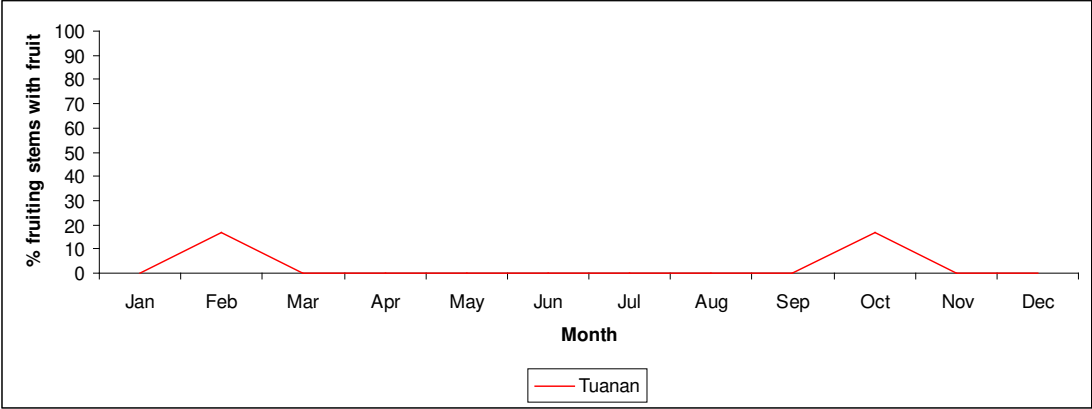
Family: Dipterocarpaceae
Latin Name: *Dipterocarpus fagineus*
 Local name: Karuing (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	1
Stem density > 20 cm DBH/ha	0	1
Total number stems sampled	0	2
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	50
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	31
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



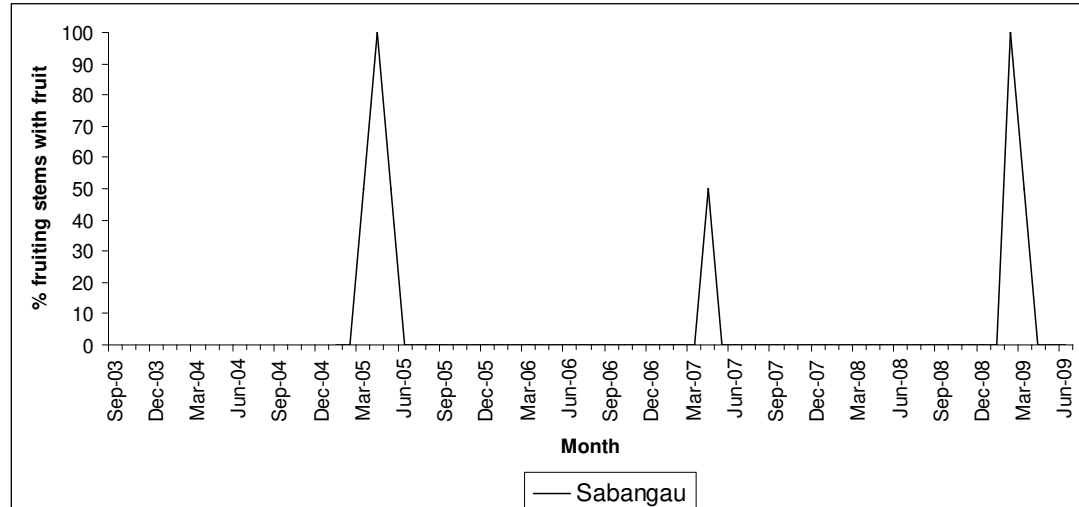
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	16.67	0	0	0	0	0	0	0	16.67	0	0
SD TU	0	40.82	0	0	0	0	0	0	0	40.82	0	0

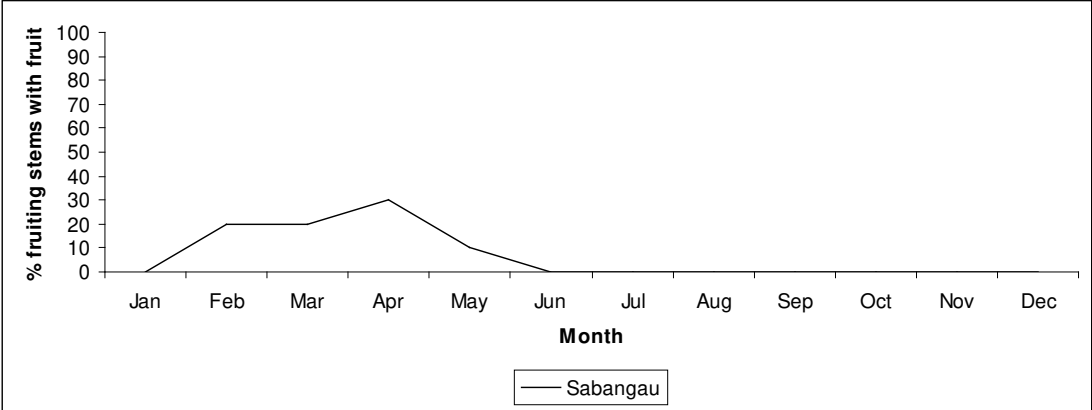
Family: Dipterocarpaceae
Latin Name: *Shorea balangeran*
 Local name: Kahui / balangeran (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	2	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	100	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	22	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	20.00	20.00	30.00	10.00	0	0	0	0	0	0	0
SD SA	0	44.72	27.39	44.72	22.36	0	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Dipterocarpaceae
Latin Name: *Shorea crassa*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

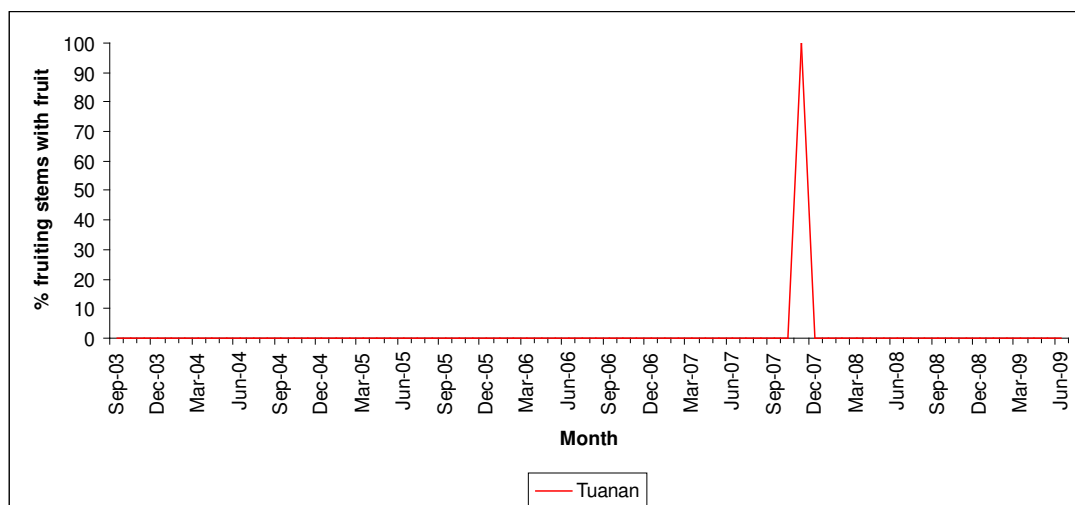
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

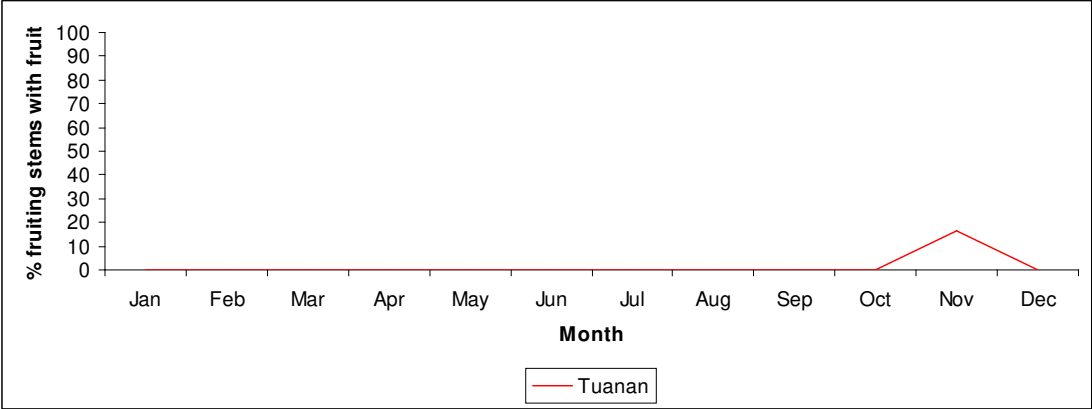
Family: Dipterocarpaceae
Latin Name: *Shorea parvifolia*
 Local name: Meranti daun kecil (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	36
Stem density > 20 cm DBH/ha	0	9
Total number stems sampled	0	72
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	1
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	11
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	0	0	0	0	0	0	0	0	16.67	0
SD TU	0	0	0	0	0	0	0	0	0	0	40.82	0

Family: Dipterocarpaceae
Latin Name: *Shorea parvistipulata*
 Local name: Meranti daun besar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	3
Stem density > 20 cm DBH/ha	0	1
Total number stems sampled	0	5
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

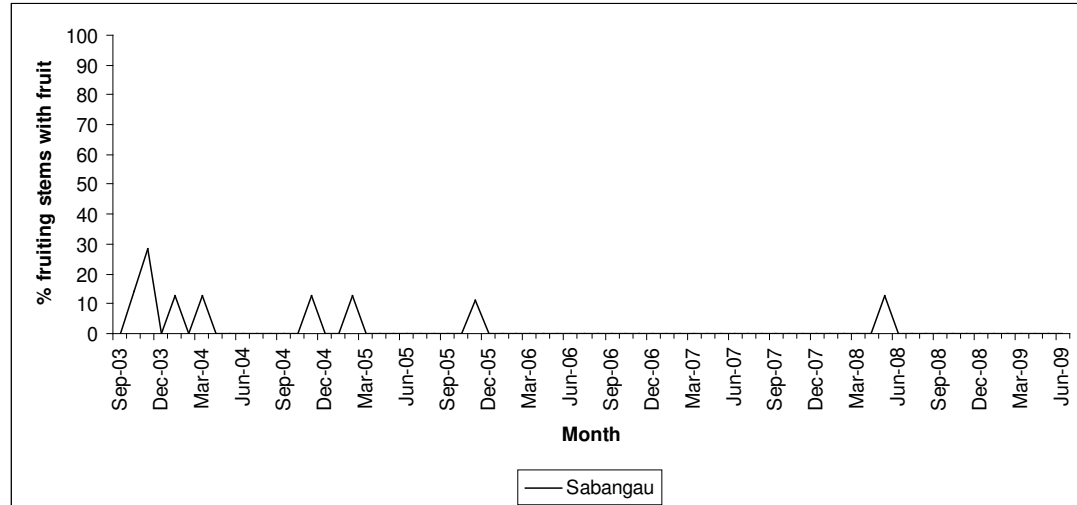
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

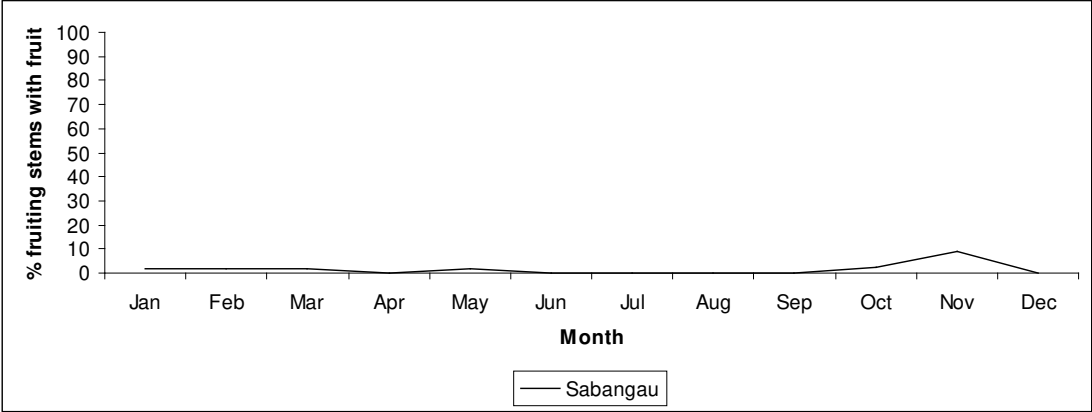
Family: Dipterocarpaceae
Latin Name: *Shorea teysmanniana*
 Local name: Meranti semut (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	57	0
Stem density > 20 cm DBH/ha	11	0
Total number stems sampled	149	0
Total number fruiting stems	9	NA
Percentage of fruiting stems	6	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 63	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	2.08	2.08	2.08	0	2.08	0	0	0	0	2.38	8.70	0
SD SA	5.10	5.10	5.10	0	5.10	0	0	0	0	5.83	11.33	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Dipterocarpaceae
Latin Name: *Shorea uliginosa*
 Local name: Meranti batu (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

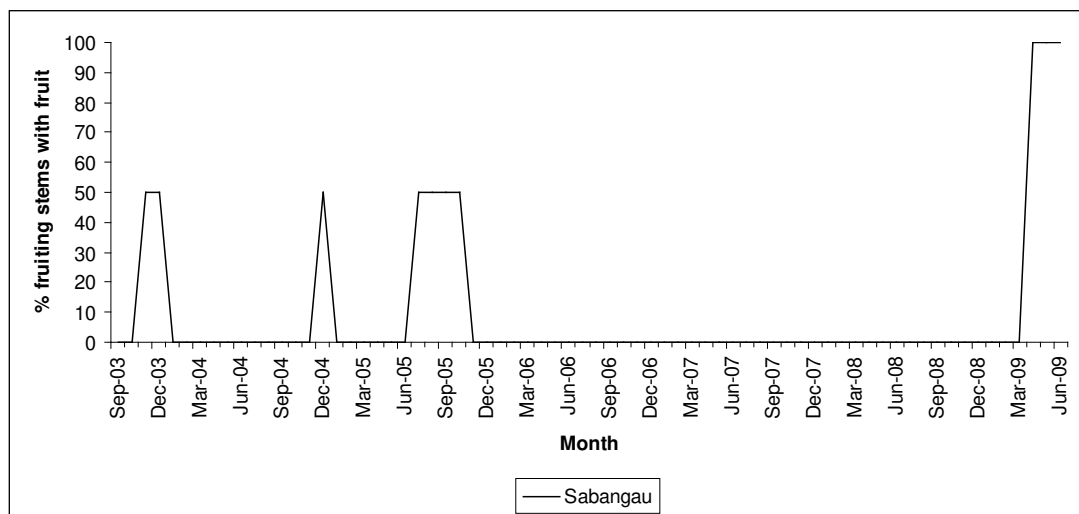
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

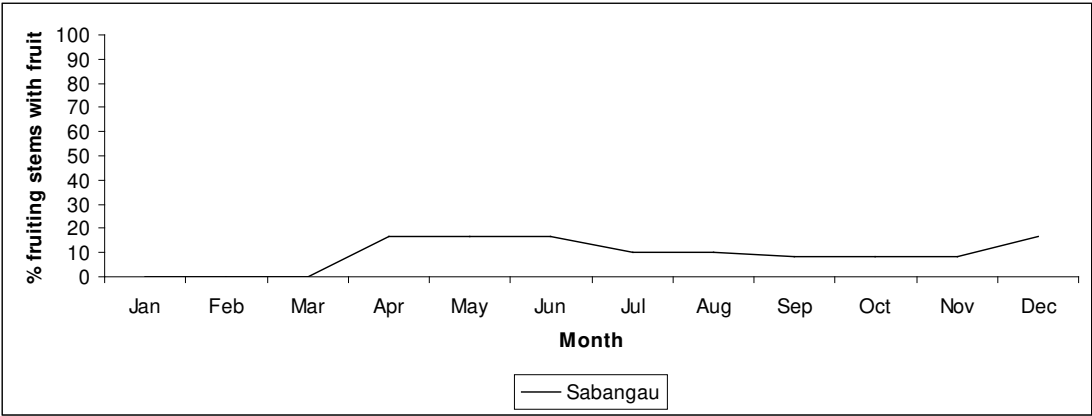
Family: Dipterocarpaceae
Latin Name: *Vatica mengachopai*
 Local name: Rasak napu (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	50	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	19	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



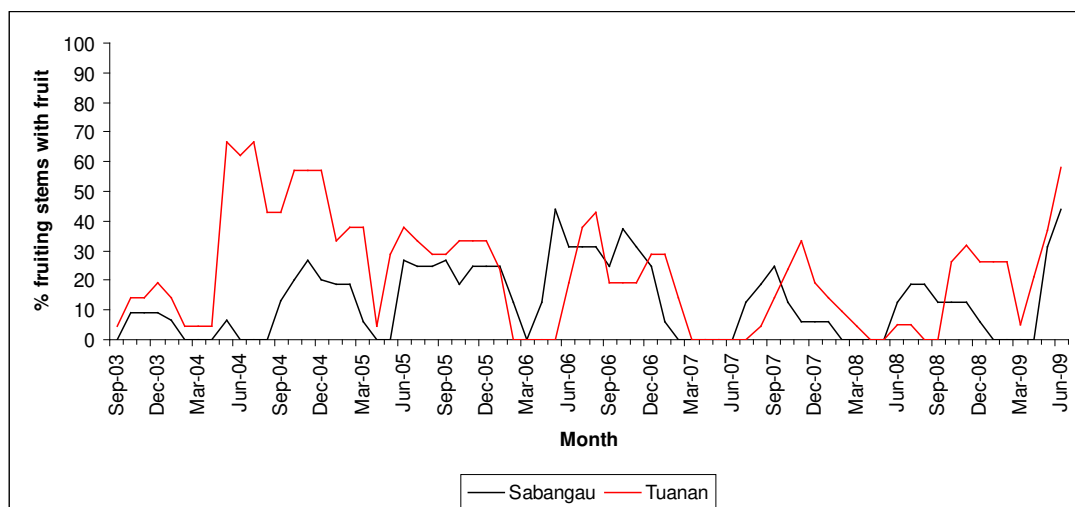
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	16.67	16.67	16.67	10.00	10.00	8.33	8.33	8.33	16.67
SD SA	0	0	0	40.82	40.82	40.82	22.36	22.36	20.41	20.41	20.41	25.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

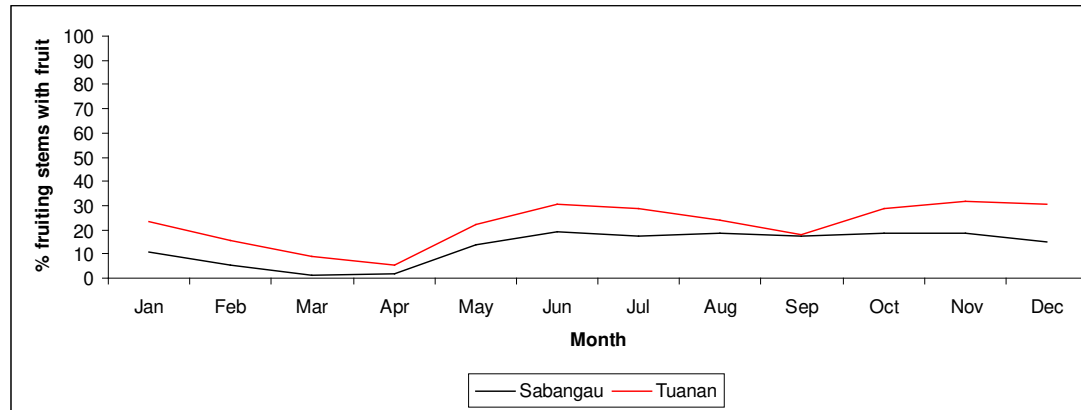
Family: Ebenaceae
Latin Name: *Diospyros bantamensis* / *pseudo-malabarica*
 Local name: Malam-malam / aring pahe (SA), tutup kabali (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	23	13
Stem density > 20 cm DBH/ha	8	10
Total number stems sampled	61	26
Total number fruiting stems	16	21
Percentage of fruiting stems	26	81
Minimum / maximum percentage fruiting stems bearing fruit/year	20 / 81	40 / 85
Minimum DBH bearing fruit (cm)	14	13
Fruiting regularity category	Frequent	Year-round

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



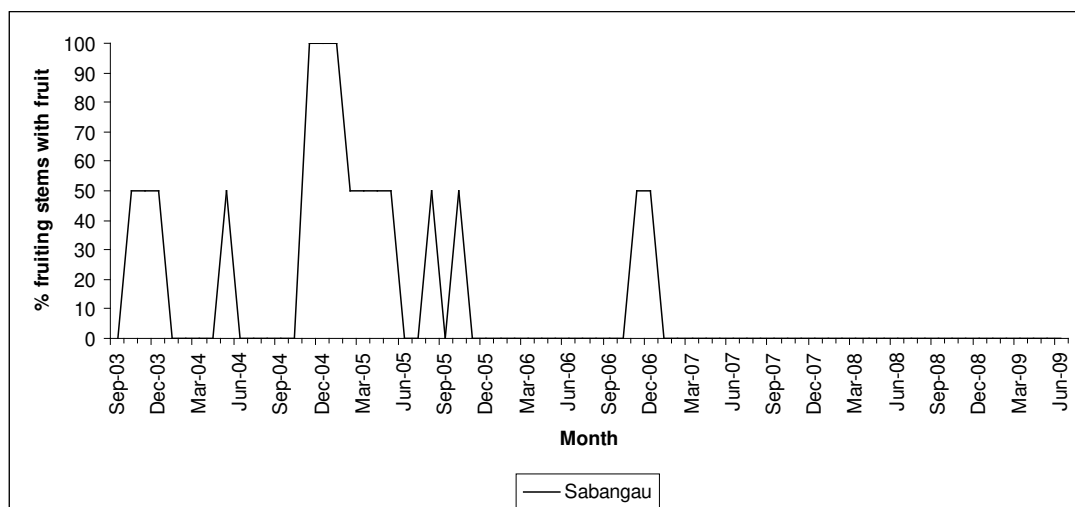
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	10.49	5.21	1.04	2.08	13.61	19.03	17.50	18.75	17.08	18.39	18.46	15.27
SD SA	9.37	8.31	2.55	5.10	19.10	17.81	12.02	11.69	10.43	10.23	10.45	9.08
Mean TU	23.43	15.50	8.81	5.10	22.01	30.32	28.67	23.81	18.25	28.99	31.45	30.58
SD TU	7.75	14.28	14.55	8.16	27.24	26.48	27.04	20.48	15.77	15.23	14.94	14.15

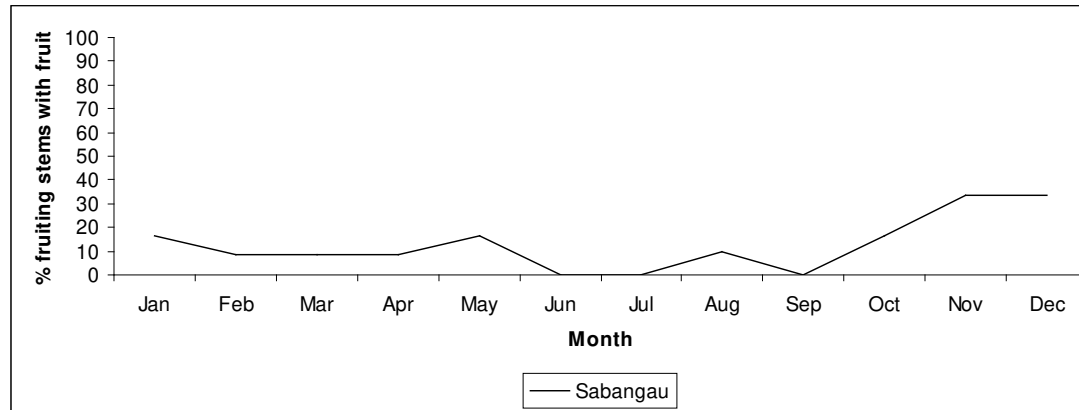
Family: Ebenaceae
Latin Name: *Diospyros confertiflora*
 Local name: Arang (SA), kayu tulang (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	NA
Stem density > 20 cm DBH/ha	< 1	NA
Total number stems sampled	7	NA
Total number fruiting stems	1	NA
Percentage of fruiting stems	14	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	18	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

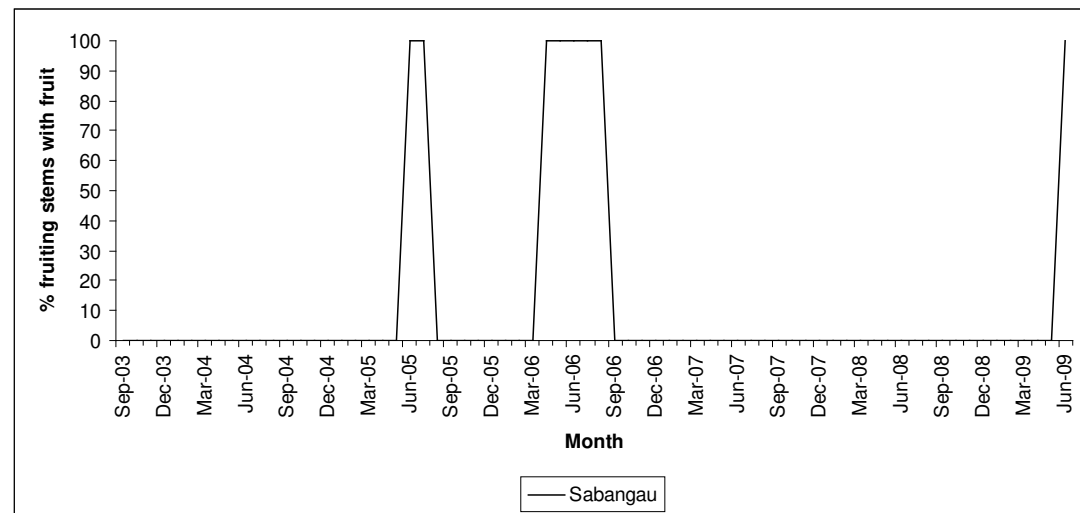
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	8.33	8.33	8.33	16.67	0	0	10.00	0	16.67	33.33	33.33
SD SA	40.82	20.41	20.41	20.41	25.82	0	0	22.36	0	25.82	40.82	40.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Ebenaceae
Latin Name: *Diospyros cf. evena*
 Local name: Gulung haduk (SA)

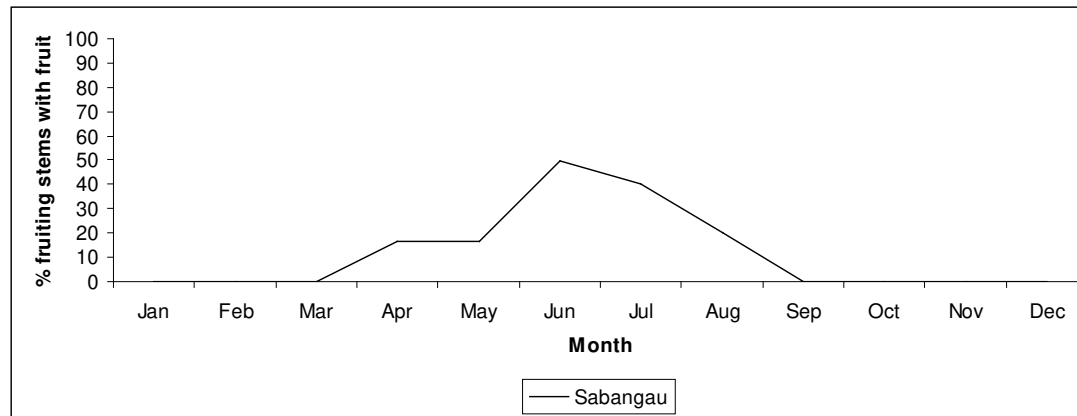
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	NA
Stem density > 20 cm DBH/ha	< 1	NA
Total number stems sampled	8	NA
Total number fruiting stems	1	NA
Percentage of fruiting stems	13	NA

Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	37	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



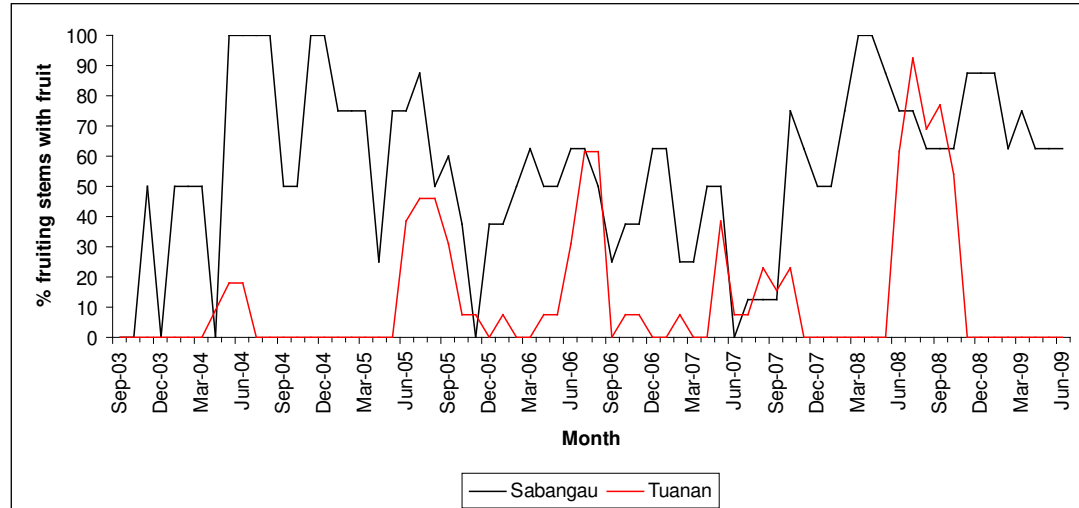
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	16.67	16.67	50.00	40.00	20.00	0	0	0	0
SD SA	0	0	0	40.82	40.82	54.77	54.77	44.72	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

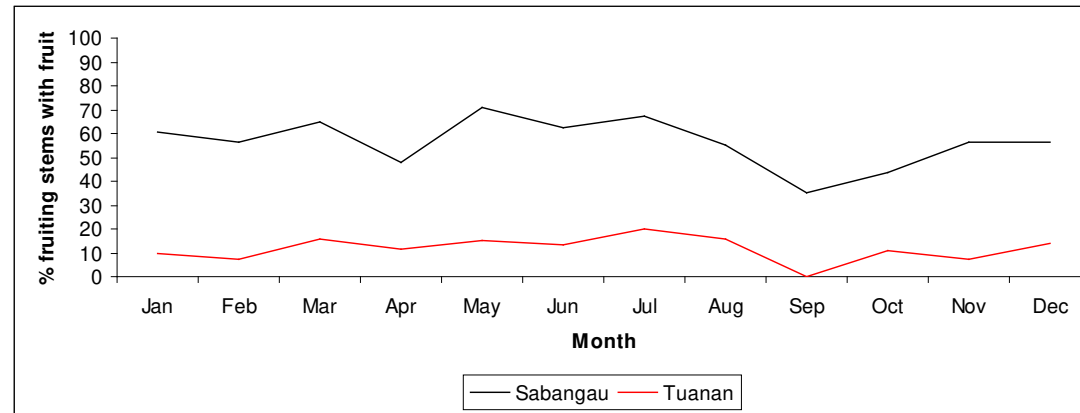
Family: Ebenaceae
Latin Name: *Diospyros siamang*
 Local name: Ehang (SA), pinding pandan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	3	3
Stem density > 20 cm DBH/ha	< 1	1
Total number stems sampled	16	7
Total number fruiting stems	8	5
Percentage of fruiting stems	50	71
Minimum / maximum percentage fruiting stems bearing fruit/year	63 / 100	0 / 67
Minimum DBH bearing fruit (cm)	21	10
Fruiting regularity category	Year-round	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



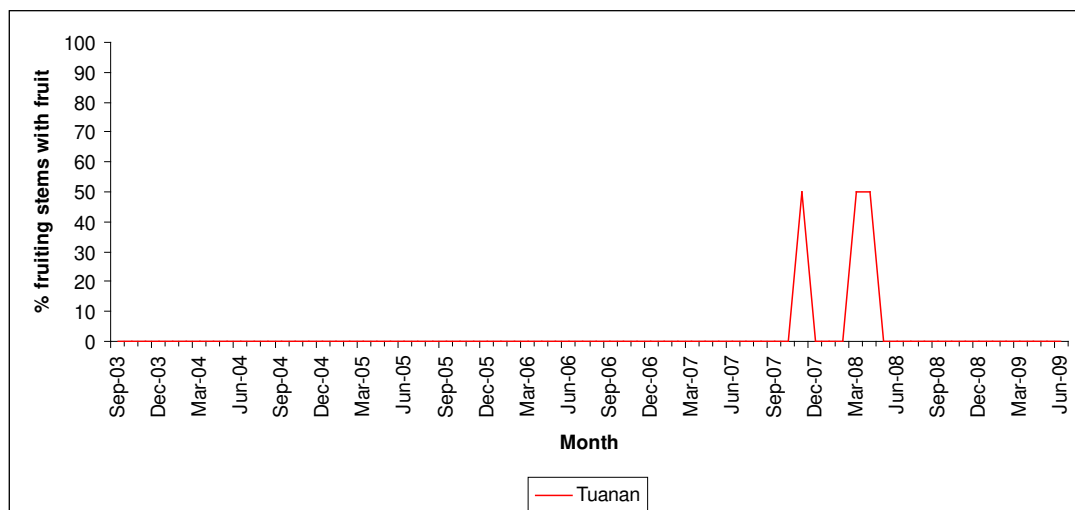
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	60.42	56.25	64.58	47.92	70.83	62.50	67.50	55.00	35.00	43.75	56.25	56.25
SD SA	18.40	18.96	25.52	33.93	20.41	33.54	33.77	31.37	26.22	25.92	36.01	36.01
Mean TU	10.00	7.50	15.83	11.67	15.00	13.33	20.00	16.00	0	10.83	7.50	14.17
SD TU	10.95	11.73	30.07	20.41	23.45	24.22	24.49	26.08	0	12.01	11.73	11.14

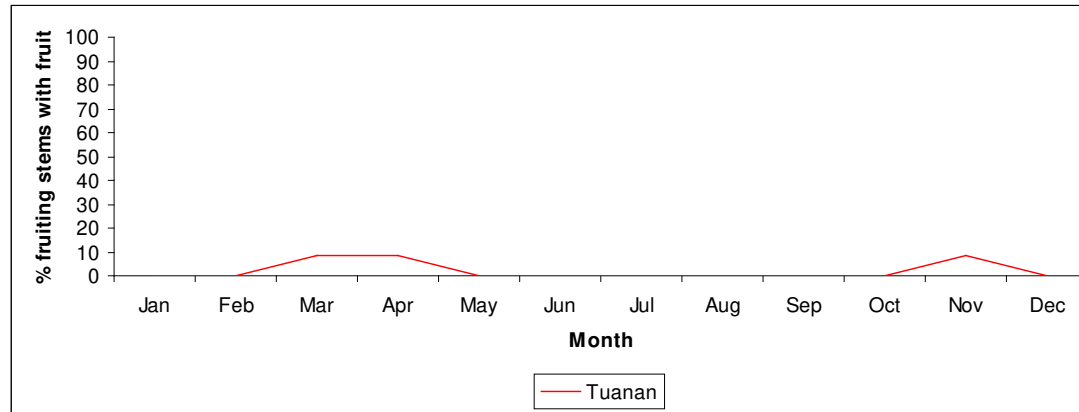
Family: Ebenaceae
Latin Name: *Diospyros spp. (including confertiflora and sp. 2)*
 Local name: Kayu tulang, ehang haduk, pinding pandan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	NA	1
Stem density > 20 cm DBH/ha	NA	0
Total number stems sampled	NA	2
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 50
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	8.33	8.33	0	0	0	0	0	0	8.33	0
SD TU	0	0	20.41	20.41	0	0	0	0	0	0	20.41	0

Family: Elaeocarpaceae

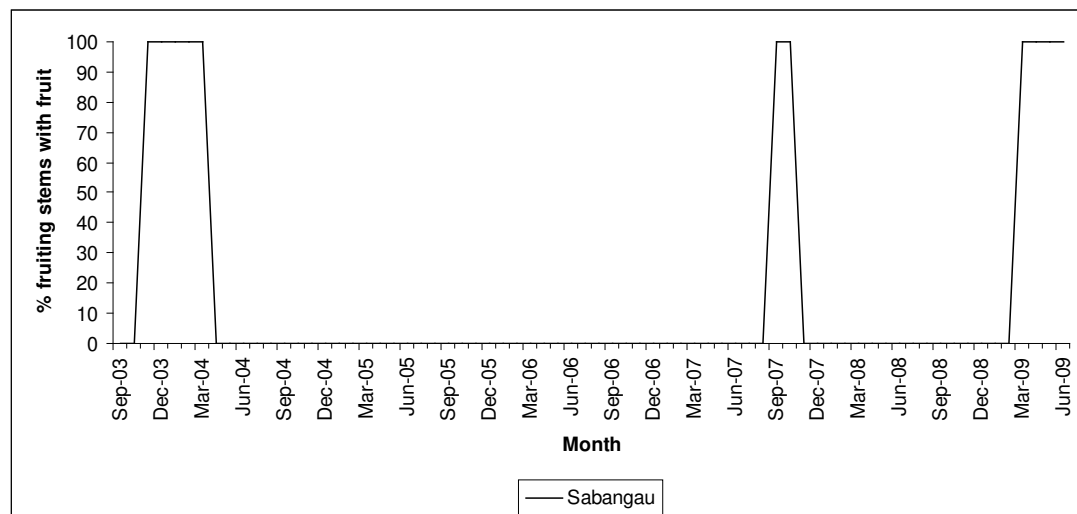
Latin Name: *Elaeocarpus cf. griffithi*

Local name: Rarumpuit (SA)

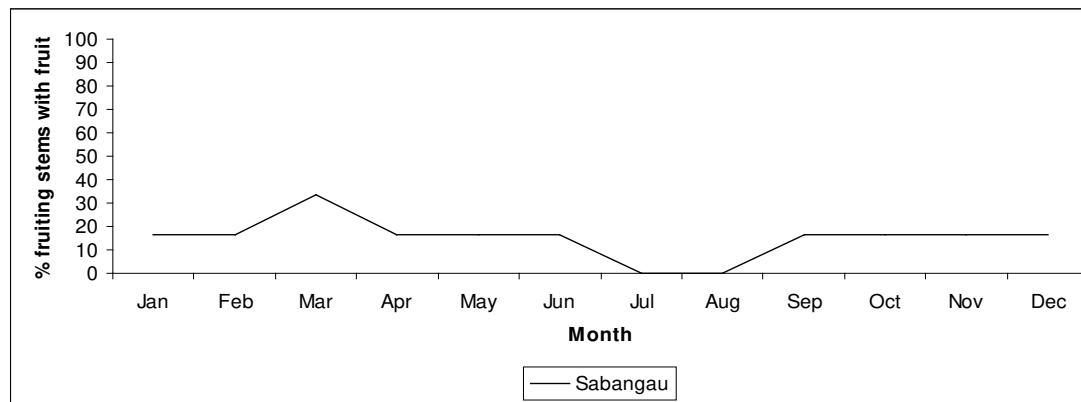
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	2	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	50	NA

Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	12	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	16.67	33.33	16.67	16.67	16.67	0	0	16.67	16.67	16.67	16.67
SD SA	40.82	40.82	51.64	40.82	40.82	40.82	0	0	40.82	40.82	40.82	40.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Elaeocarpaceae
Latin Name: *Elaeocarpus marginatus*
 Local name: Kejinjing (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

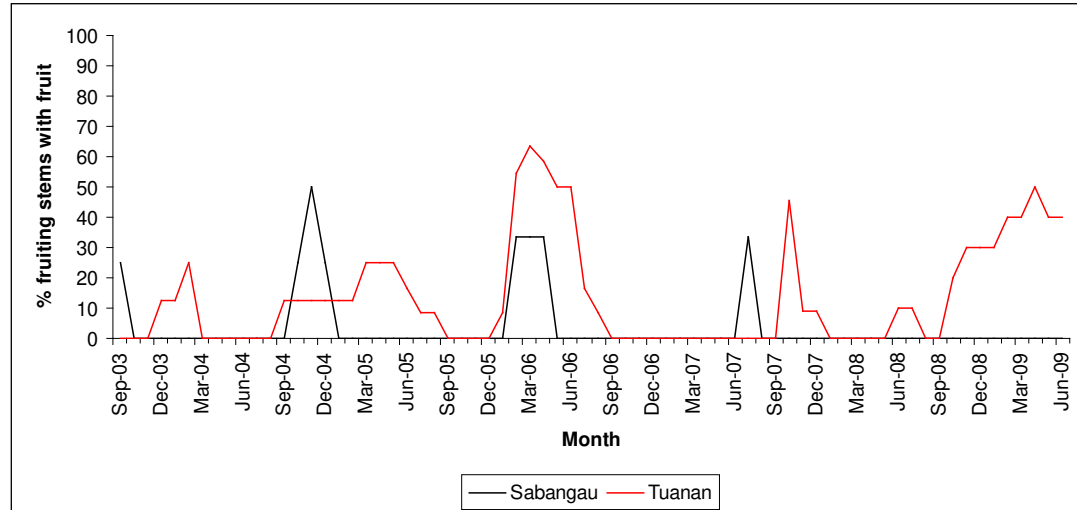
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

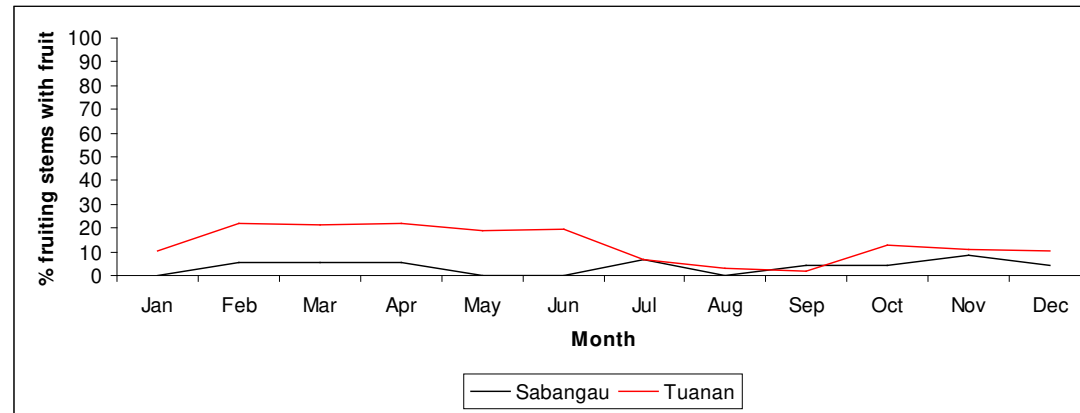
Family: Elaeocarpaceae
Latin Name: *Elaeocarpus mastersii*
 Local name: Mangkinang (SA), mangkinang blawau (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	15
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	16	30
Total number fruiting stems	4	12
Percentage of fruiting stems	25	40
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 50	0 / 60
Minimum DBH bearing fruit (cm)	9	10
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	5.56	5.56	5.56	0	0	6.67	0	4.17	4.17	8.33	4.17
SD SA	0	13.61	13.61	13.61	0	0	14.91	0	10.21	10.21	20.41	10.21
Mean TU	10.56	22.01	21.44	22.22	19.17	19.44	7.00	3.33	2.08	12.99	10.68	10.32
SD TU	11.08	22.14	26.52	26.70	22.45	21.02	7.11	4.56	5.10	17.94	11.05	12.31

Family: Elaeocarpaceae
Latin Name: *cf. Elaeocarpus sp.*
 Local name: Bayur (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

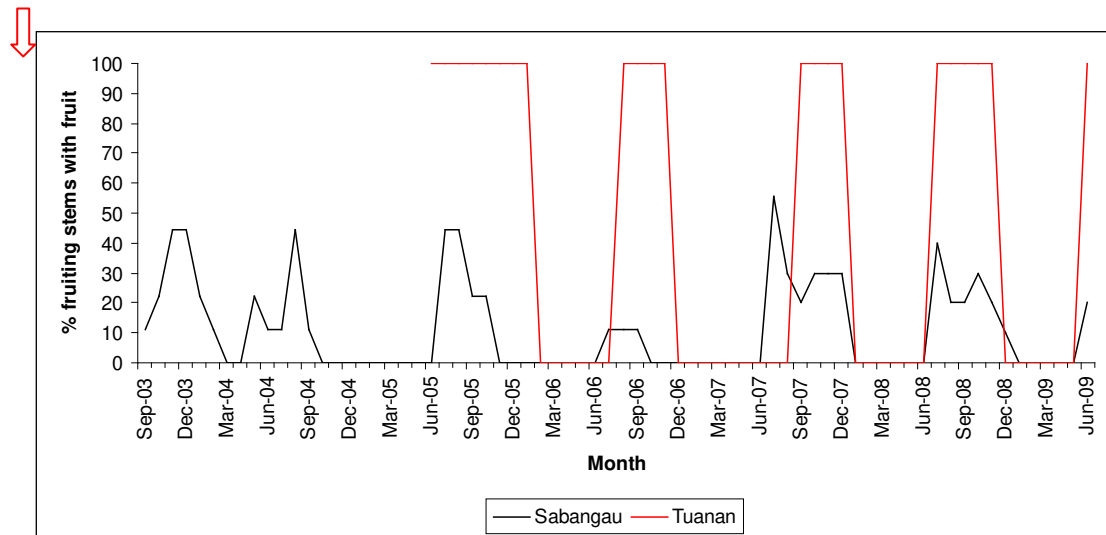
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

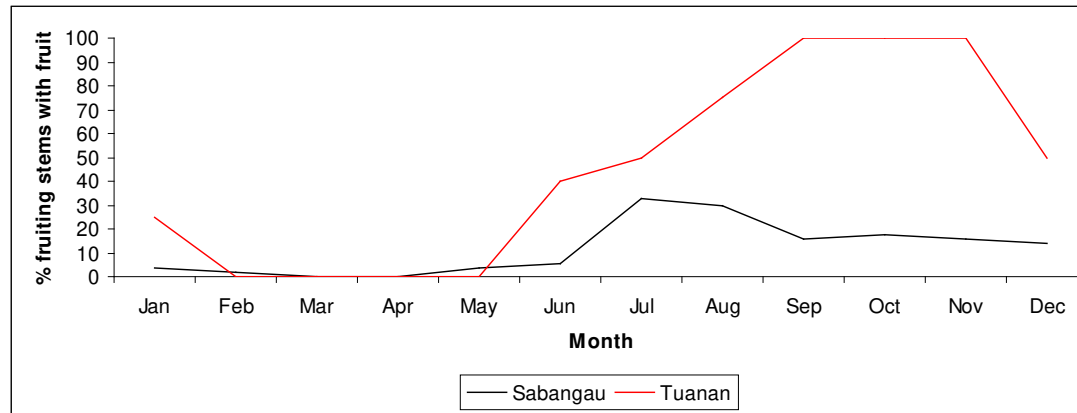
Family: Euphorbiaceae
Latin Name: *Baccaurea bracteata*
 Local name: Rambai hutan (SA), Hampuak (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	< 1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	14	1
Total number fruiting stems	9	1
Percentage of fruiting stems	64	100
Minimum / maximum percentage fruiting stems bearing fruit/year	22 / 78	100 / 100
Minimum DBH bearing fruit (cm)	6	10
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



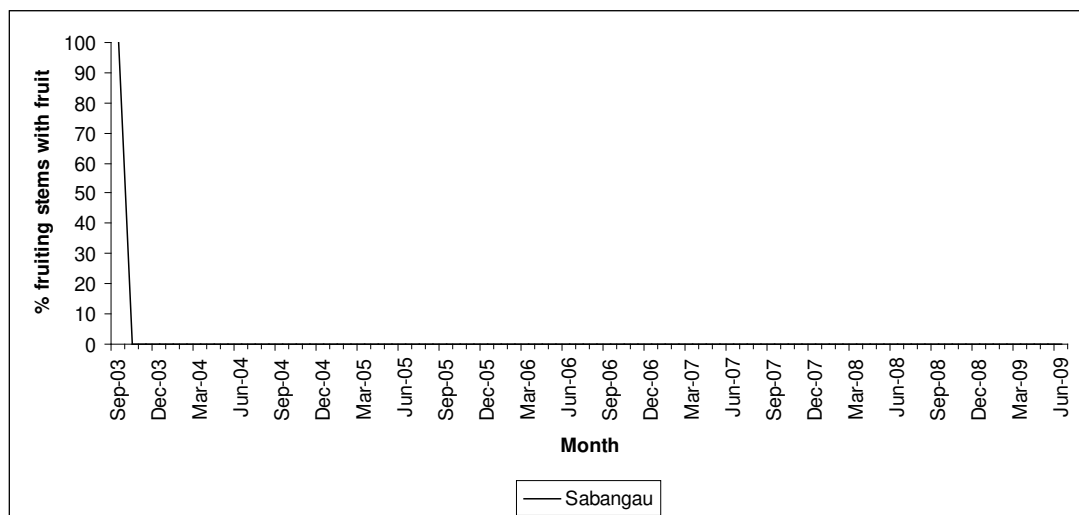
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	3.70	1.85	0	0	3.70	5.19	32.44	30.00	15.93	17.41	15.74	14.07
SD SA	9.07	4.54	0	0	9.07	8.51	20.28	14.78	5.34	13.93	18.91	18.90
Mean TU	25.00	0	0	0	0	40.00	50.00	75.00	100.00	100.00	100.00	50.00
SD TU	50.00	0	0	0	0	54.77	57.74	50.00	0	0	0	57.74

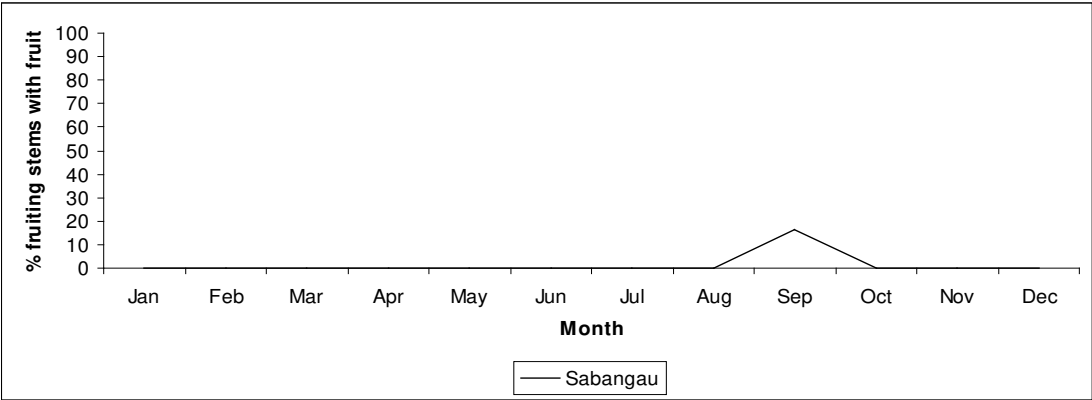
Family: Euphorbiaceae
Latin Name: *Baccaurea stipulata*
 Local name: Kayu tulang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	2	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	50	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	8	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



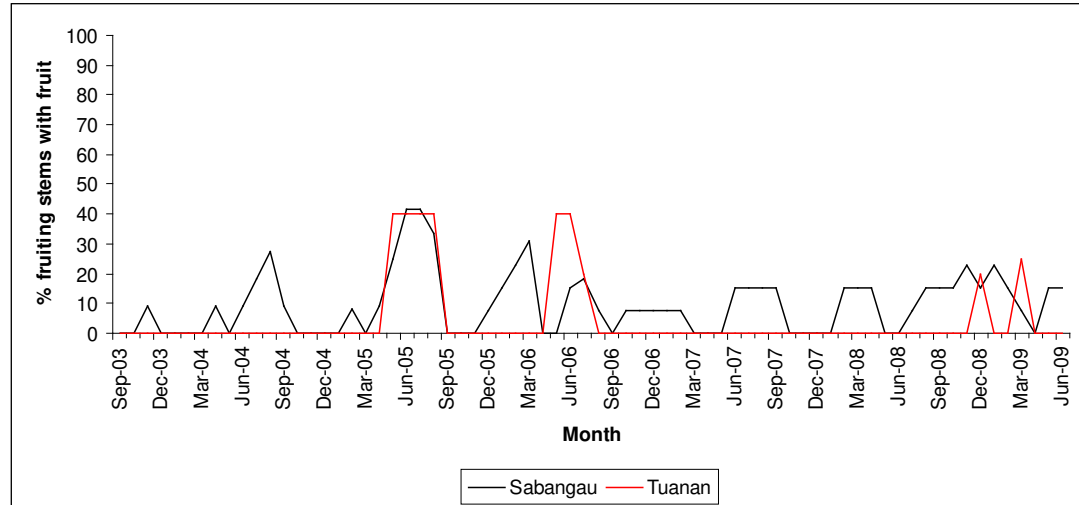
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	0	0	0	0	0	16.67	0	0	0
SD SA	0	0	0	0	0	0	0	0	40.82	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

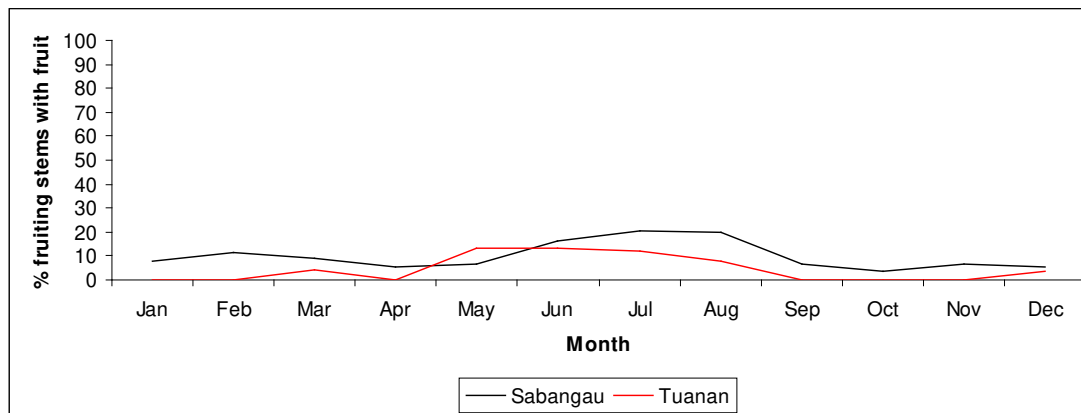
Family: Euphorbiaceae
Latin Name: *Blumeodendron elateriospermum* / *tokbrai* / *kurzii*
 Local name: Kenari (SA), kerandau putih (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	19	10
Stem density > 20 cm DBH/ha	1	1
Total number stems sampled	73	19
Total number fruiting stems	13	5
Percentage of fruiting stems	18	26
Minimum / maximum percentage fruiting stems bearing fruit/year	23 / 58	0 / 80
Minimum DBH bearing fruit (cm)	6	12
Fruiting regularity category	Frequent	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



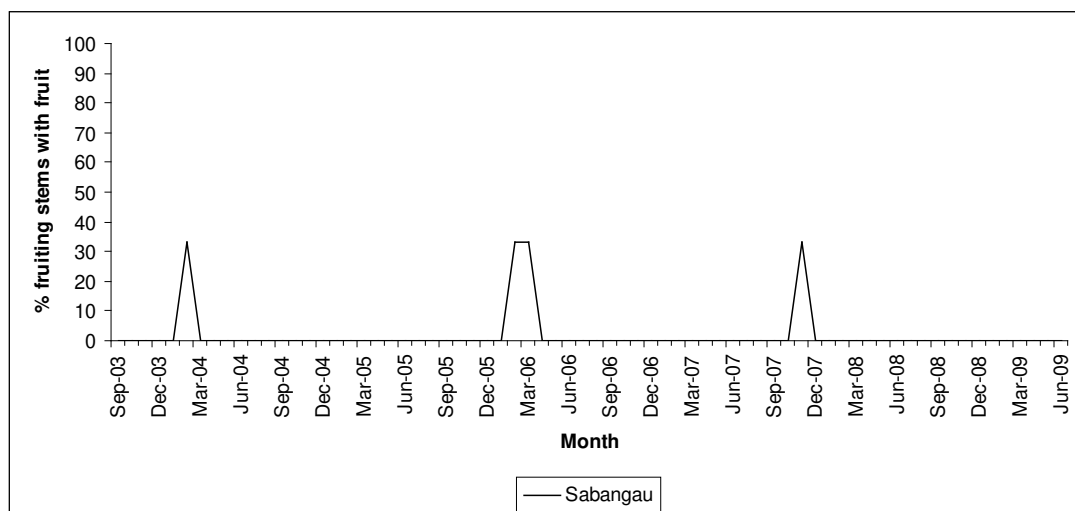
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	7.69	11.65	8.97	5.59	6.73	16.15	20.22	19.81	6.64	3.85	6.64	5.13
SD SA	9.73	8.01	12.32	6.55	10.86	13.88	12.73	10.30	7.63	6.44	9.05	6.28
Mean TU	0	0	4.17	0	13.33	13.33	12.00	8.00	0	0	0	3.33
SD TU	0	0	10.21	0	20.66	20.66	17.89	17.89	0	0	0	8.16

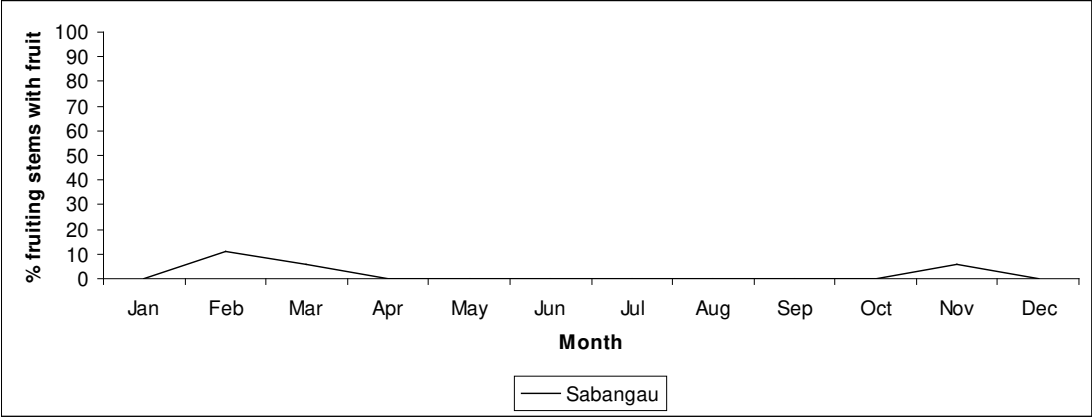
Family: Euphorbiaceae
Latin Name: *Cephalomappa sp. 1*
 Local name: Kerandau (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	7	0
Total number fruiting stems	3	NA
Percentage of fruiting stems	43	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 33	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



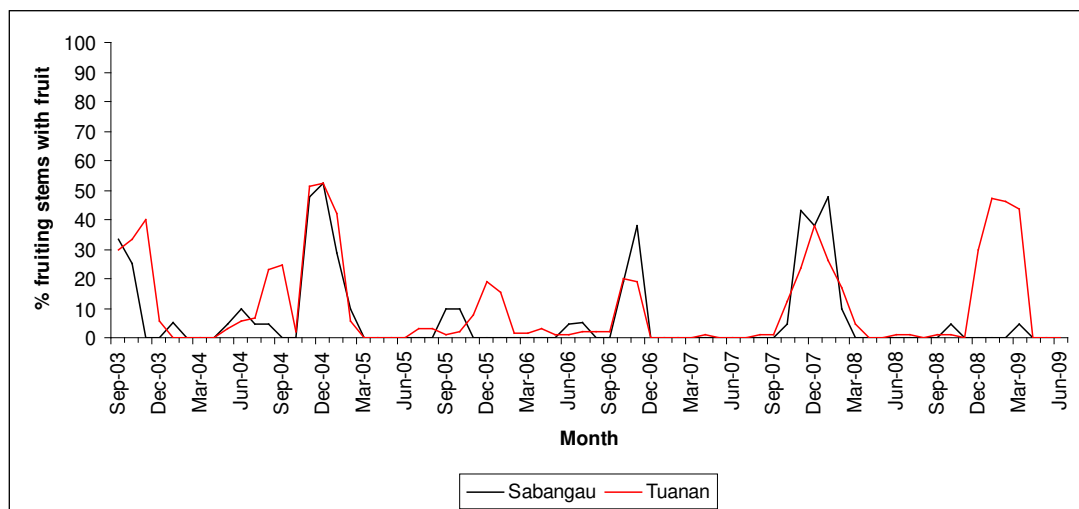
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	11.11	5.56	0	0	0	0	0	0	0	5.56	0
SD SA	0	17.21	13.61	0	0	0	0	0	0	0	13.61	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

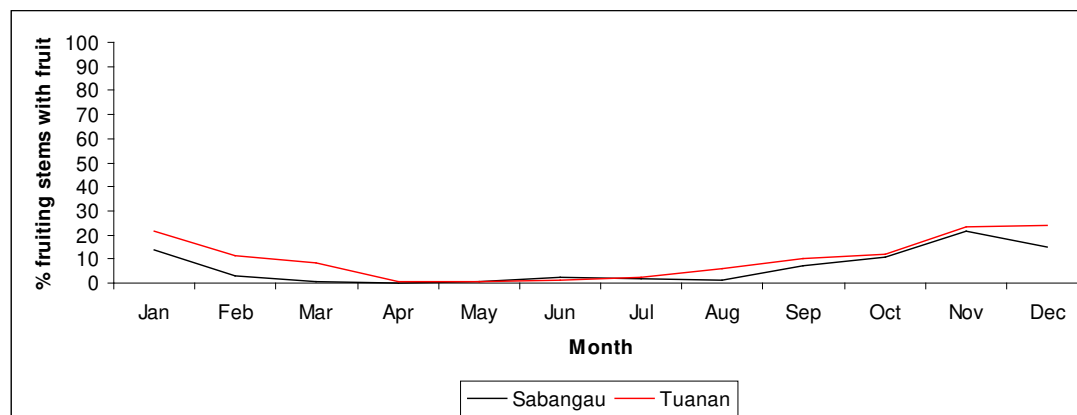
Family: Euphorbiaceae
Latin Name: *Neoscortechinia kingii*
 Local name: Pupu palanduk (SA), kerandau (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	39	74
Stem density > 20 cm DBH/ha	4	16
Total number stems sampled	64	147
Total number fruiting stems	21	90
Percentage of fruiting stems	33	61
Minimum / maximum percentage fruiting stems bearing fruit/year	10 / 67	22 / 57
Minimum DBH bearing fruit (cm)	8	10
Fruiting regularity category	Irregular	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	13.53	3.17	0.79	0	0.79	2.38	1.95	0.95	7.14	10.52	21.43	15.08
SD SA	20.05	4.92	1.94	0	1.94	3.98	2.67	2.13	13.38	9.60	23.67	23.79
Mean TU	21.84	11.65	8.26	0.74	0.74	1.30	2.67	6.00	10.01	11.88	23.56	24.07
SD TU	20.33	18.02	17.44	1.35	1.35	2.16	2.55	9.77	13.46	12.87	19.26	19.86

Family: Euphorbiaceae
Latin Name: *Pimelodendron griffithi*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Fabaceae / Leguminosae
Latin Name: *Adenanthera malayana*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Fabaceae / Leguminosae
Latin Name: *Adenanthera pavonina*
 Local name: Tapanggang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

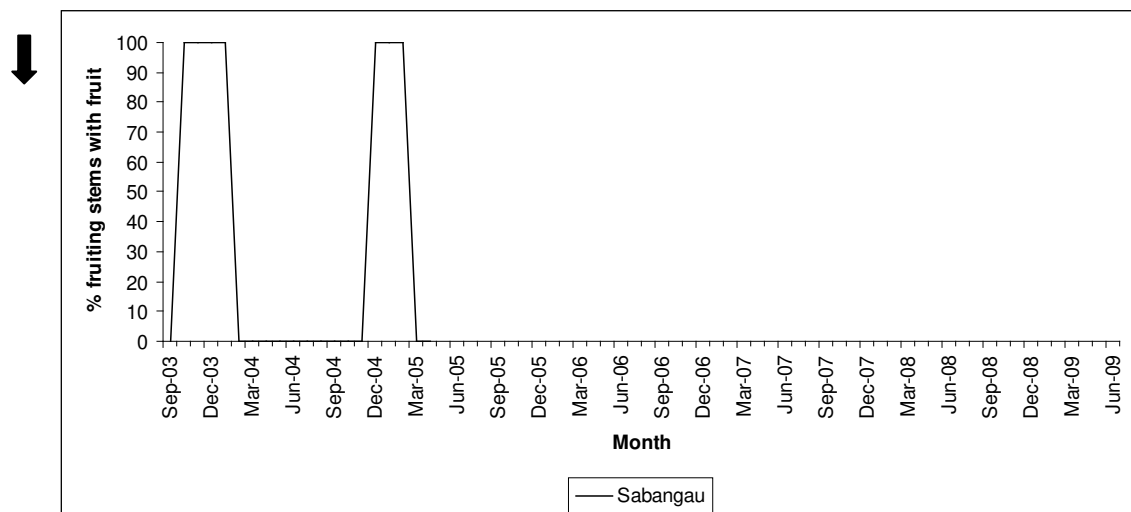
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

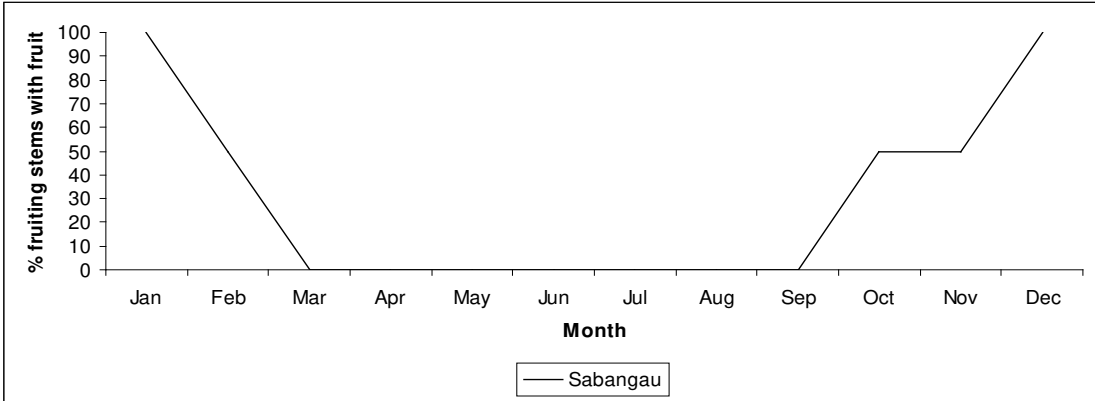
Family: Fabaceae / Leguminosae
Latin Name: *Archidendron borneensis*
 Local name: Kacang nyaring (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	100	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	100.00	50.00	0	0	NA	NA	NA	NA	0	50.00	50.00	100.00
SD SA	0.00	70.71	0	0	NA	NA	NA	NA	0	70.71	70.71	0.00
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Fabaceae / Leguminosae
Latin Name: *Dialium indum*
 Local name: Keranji (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

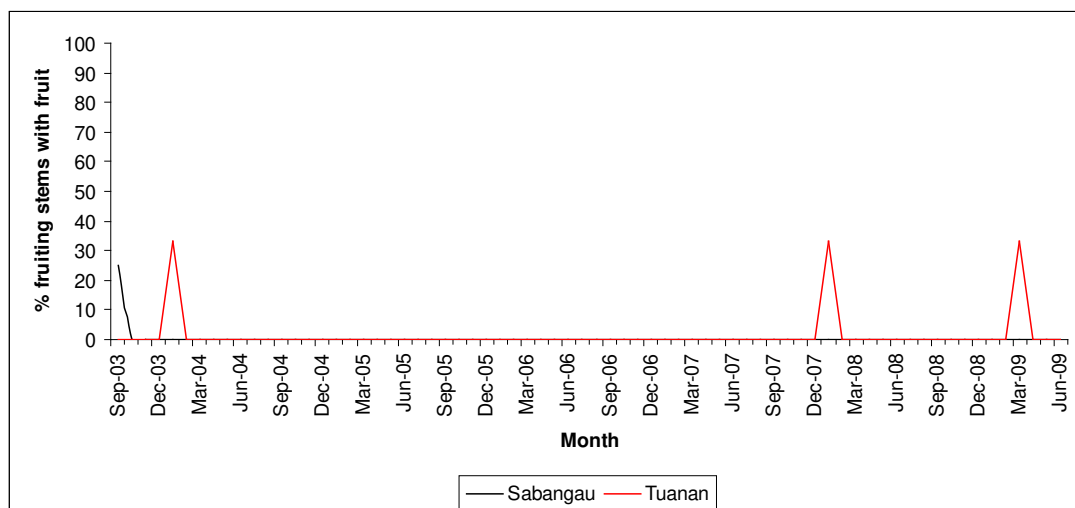
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

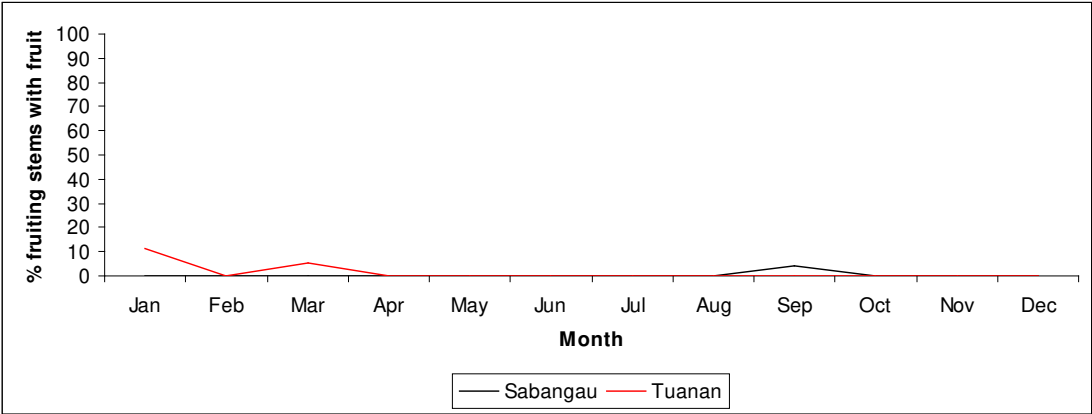
Family: Fabaceae / Leguminosae
Latin Name: *Koompasia malaccensis*
 Local name: Bungaris / kempas (SA), bengaris (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	12
Stem density > 20 cm DBH/ha	4	8
Total number stems sampled	13	23
Total number fruiting stems	5	3
Percentage of fruiting stems	38	13
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 25	0 / 33
Minimum DBH bearing fruit (cm)	43	21
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



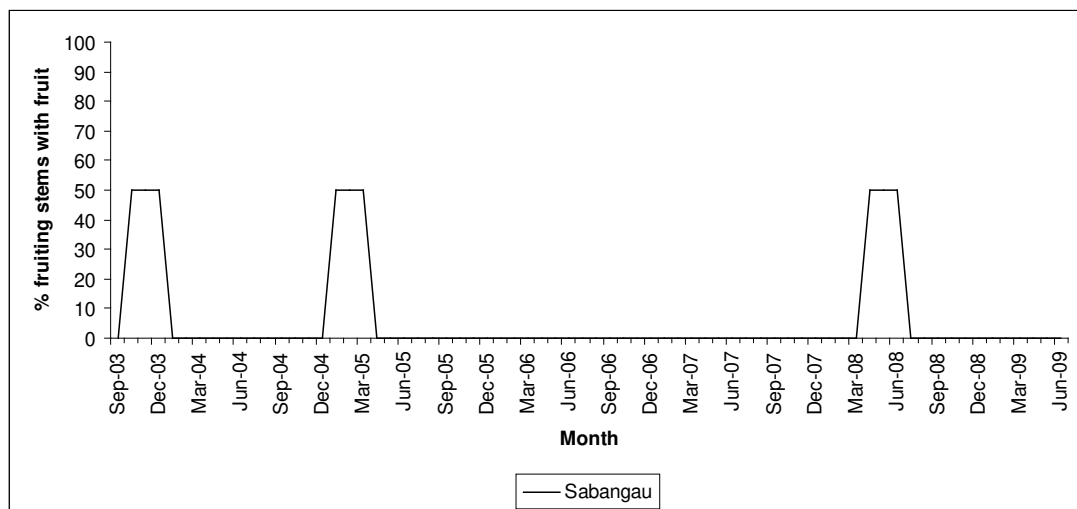
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	0	0	0	0	0	4.17	0	0	0
SD SA	0	0	0	0	0	0	0	0	10.21	0	0	0
Mean TU	11.11	0	5.56	0	0	0	0	0	0	0	0	0
SD TU	17.21	0	13.61	0	0	0	0	0	0	0	0	0

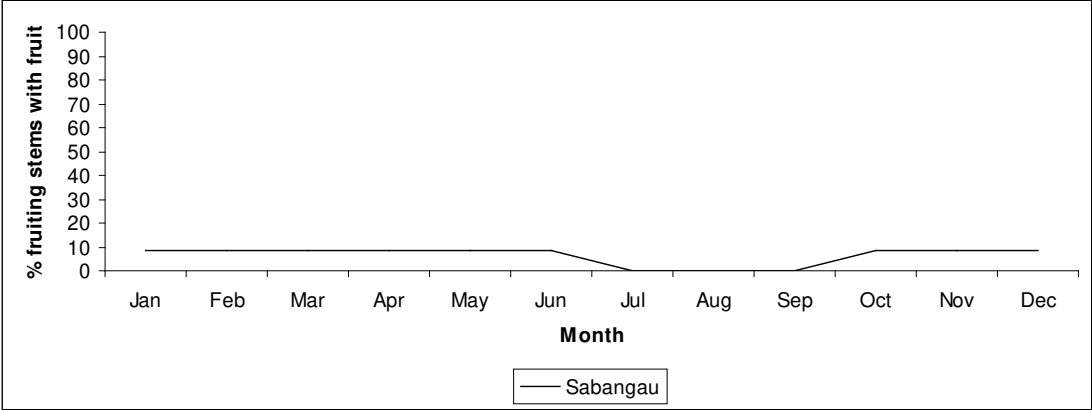
Family: Fagaceae
Latin Name: *Castanopsis foxworthyi* / *jaherii*
 Local name: Takurak (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	< 1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	4	1
Total number fruiting stems	2	0
Percentage of fruiting stems	50	0
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 50	NA
Minimum DBH bearing fruit (cm)	14	NA
Fruiting regularity category	Irregular	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



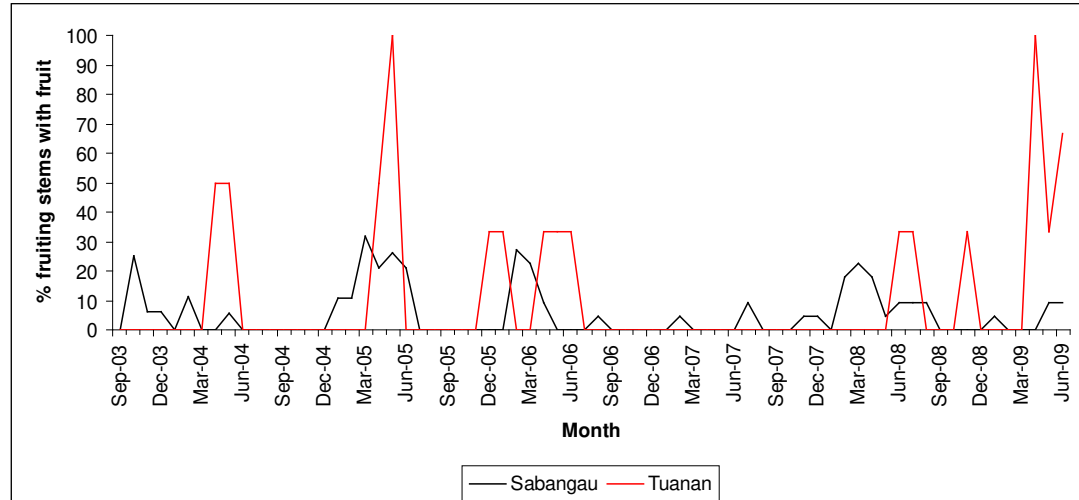
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	8.33	8.33	8.33	8.33	8.33	0	0	0	8.33	8.33	8.33
SD SA	20.41	20.41	20.41	20.41	20.41	20.41	0	0	0	20.41	20.41	20.41
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

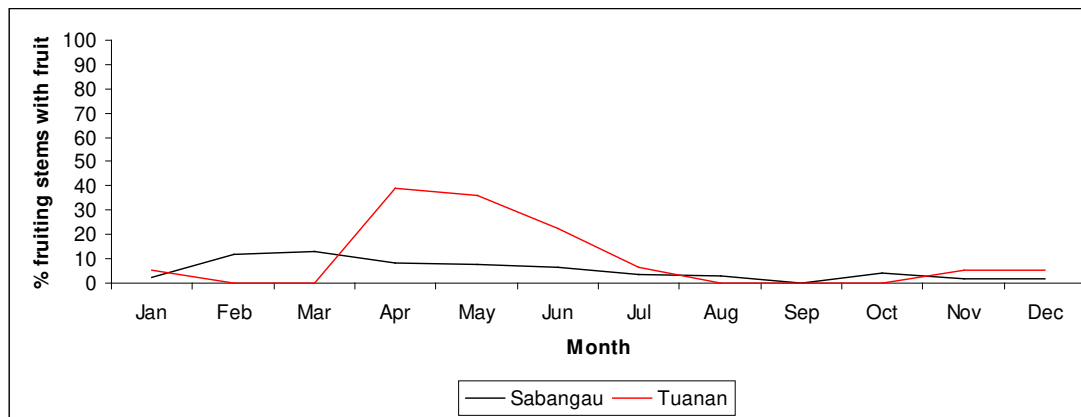
Family: Fagaceae
Latin Name: *Lithocarpus spp.*
 Local name: Pampaning spp (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	23	4
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	56	8
Total number fruiting stems	32	3
Percentage of fruiting stems	57	38
Minimum / maximum percentage fruiting stems bearing fruit/year	9 / 42	0 / 100
Minimum DBH bearing fruit (cm)	7	10
Fruiting regularity category	Regular	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



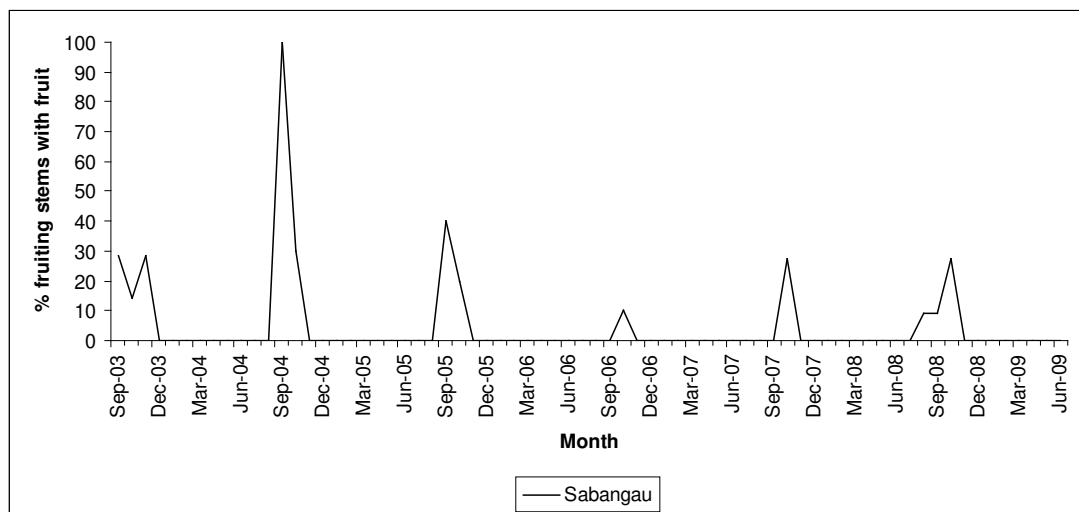
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	2.51	11.94	12.84	8.05	7.58	6.54	3.64	2.73	0	4.17	1.80	1.80
SD SA	4.33	9.74	14.43	9.67	9.81	8.39	4.98	4.07	0	10.21	2.84	2.84
Mean TU	5.56	0	0	38.89	36.11	22.22	6.67	0	0	0	5.56	5.56
SD TU	13.61	0	0	37.52	37.14	27.22	14.91	0	0	0	13.61	13.61

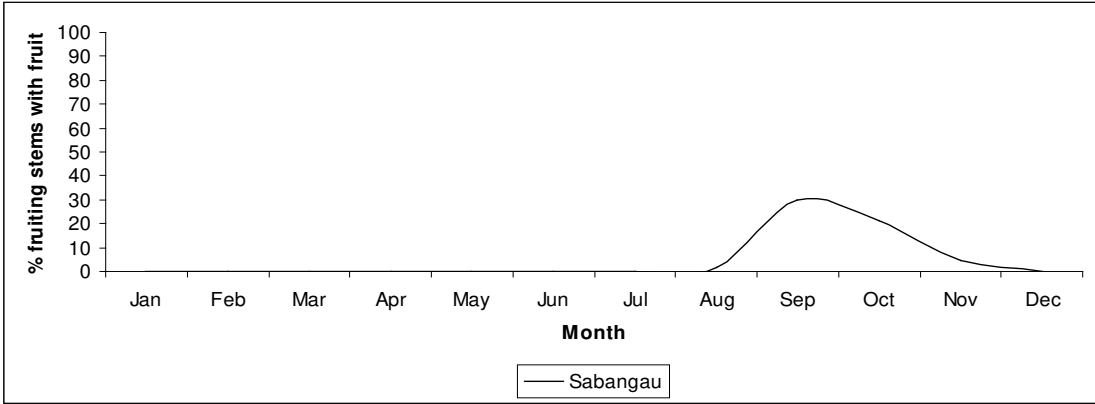
Family: Hypericaceae
Latin Name: *Cratoxylum arborescens*
 Local name: Geronggang (SA), garunggang (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	12	1
Stem density > 20 cm DBH/ha	4	< 1
Total number stems sampled	22	2
Total number fruiting stems	10	0
Percentage of fruiting stems	45	0
Minimum / maximum percentage fruiting stems bearing fruit/year	9 / 40	NA
Minimum DBH bearing fruit (cm)	15	NA
Fruiting regularity category	Regular	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



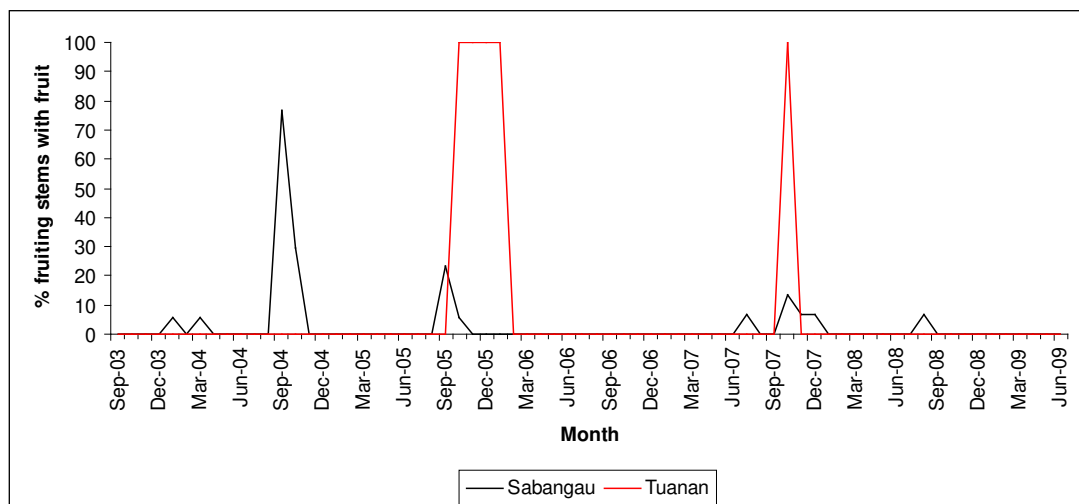
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	0	0	0	0	1.82	29.61	21.47	4.76	0
SD SA	0	0	0	0	0	0	0	4.07	38.05	8.07	11.66	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

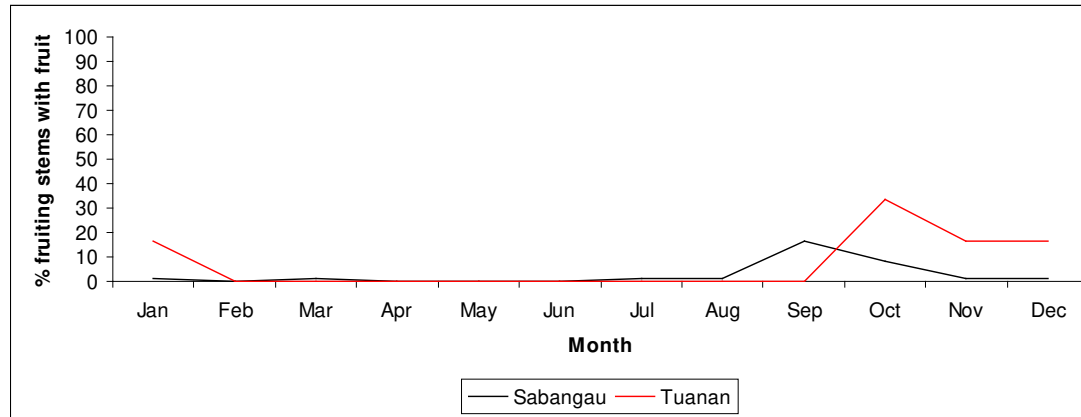
Family: Hypericaceae
Latin Name: *Cratoxylon glaucum*
 Local name: Geronggang merah (SA), mipa (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	24	11
Stem density > 20 cm DBH/ha	2	2
Total number stems sampled	33	21
Total number fruiting stems	17	1
Percentage of fruiting stems	52	5
Minimum / maximum percentage fruiting stems bearing fruit/year	6 / 82	0 / 100
Minimum DBH bearing fruit (cm)	7	37
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



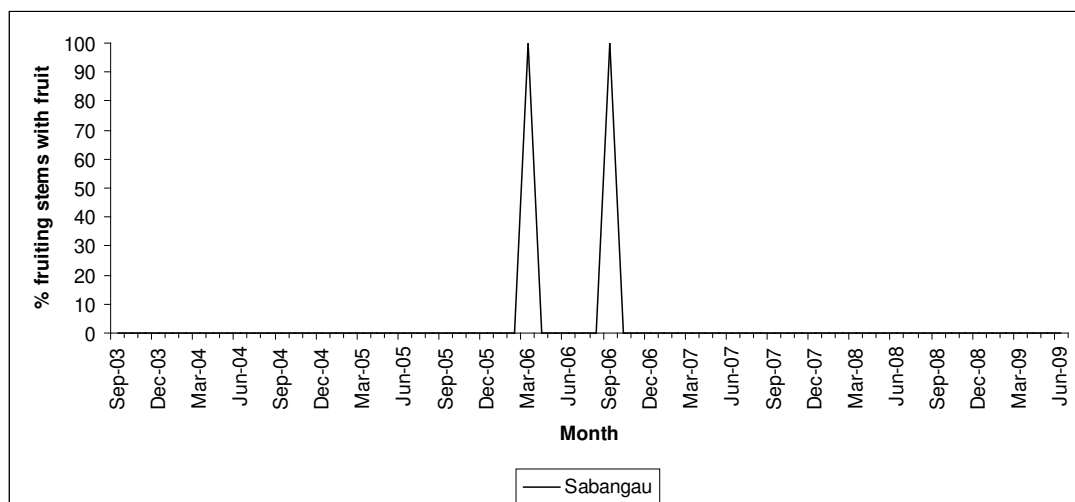
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0.98	0	0.98	0	0	0	1.33	1.33	16.67	8.10	1.11	1.11
SD SA	2.40	0	2.40	0	0	0	2.98	2.98	30.77	11.69	2.72	2.72
Mean TU	16.67	0	0	0	0	0	0	0	0	33.33	16.67	16.67
SD TU	40.82	0	0	0	0	0	0	0	0	51.64	40.82	40.82

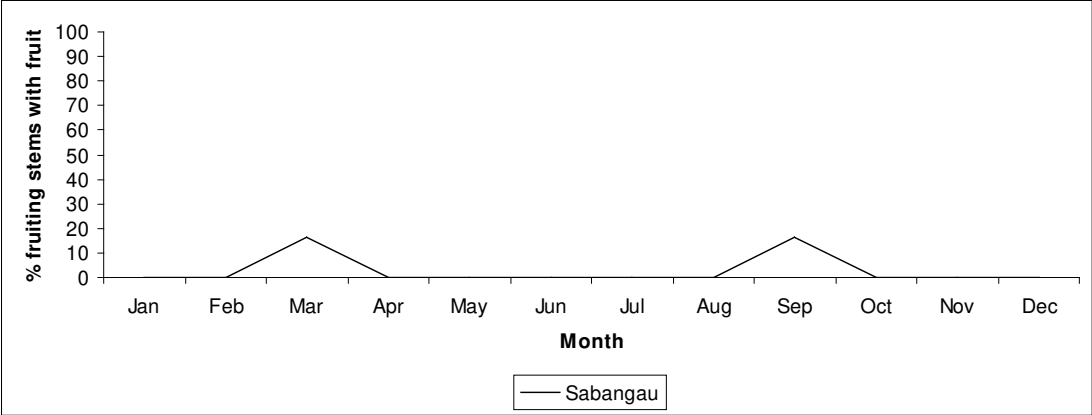
Family: Icacinaceae
Latin Name: *Platea excelsa*
 Local name: Kambalitan (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	12	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	8	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	18	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



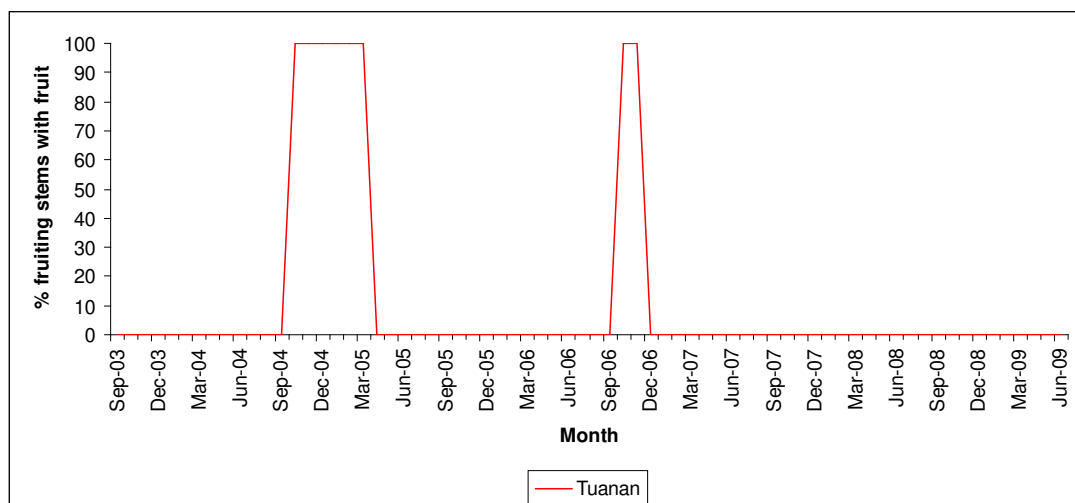
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	16.67	0	0	0	0	0	16.67	0	0	0
SD SA	0	0	40.82	0	0	0	0	0	40.82	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

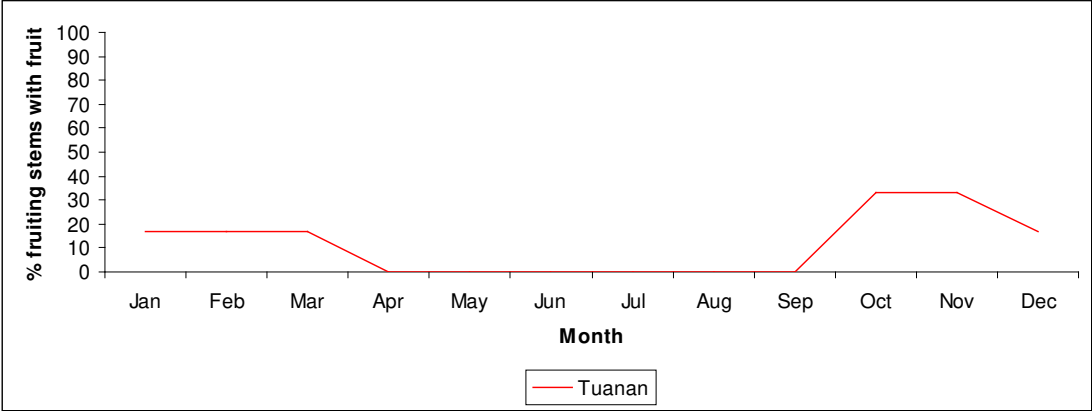
Family: Icacinaceae
Latin Name: *Platea sp.*
 Local name: Tambalik angin (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	5
Stem density > 20 cm DBH/ha	0	1
Total number stems sampled	0	9
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	11
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	17
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



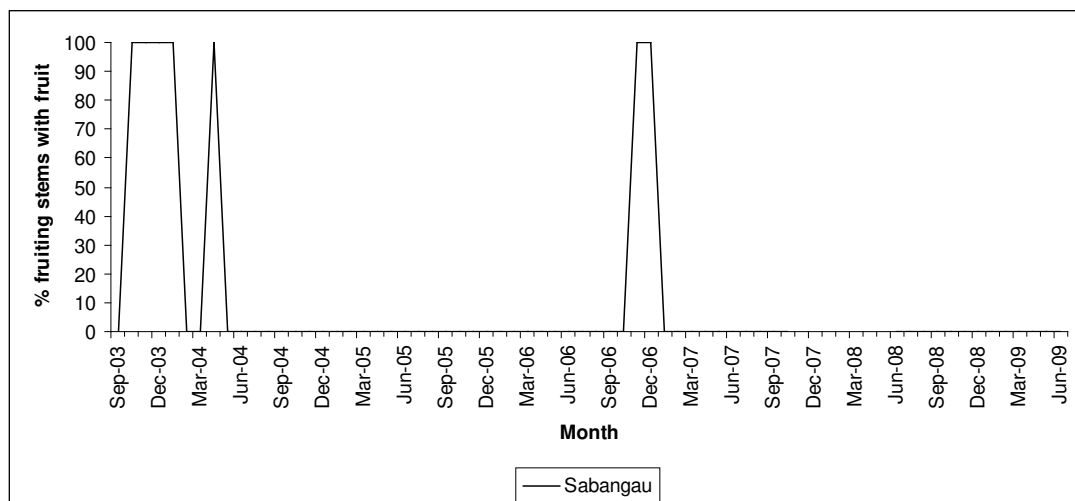
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	16.67	16.67	16.67	0	0	0	0	0	0	33.33	33.33	16.67
SD TU	40.82	40.82	40.82	0	0	0	0	0	0	51.64	51.64	40.82

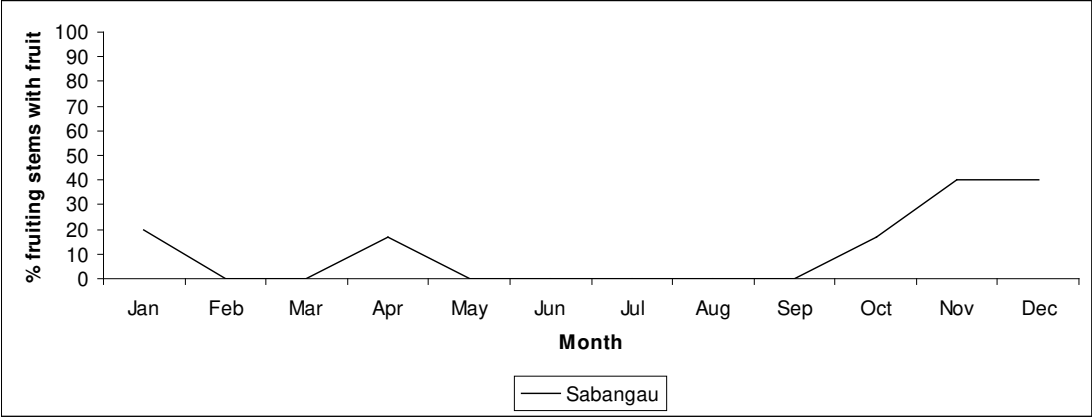
Family: Icacinaceae
Latin Name: *Platea sp. 2*
 Local name: Lampesu (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	25	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



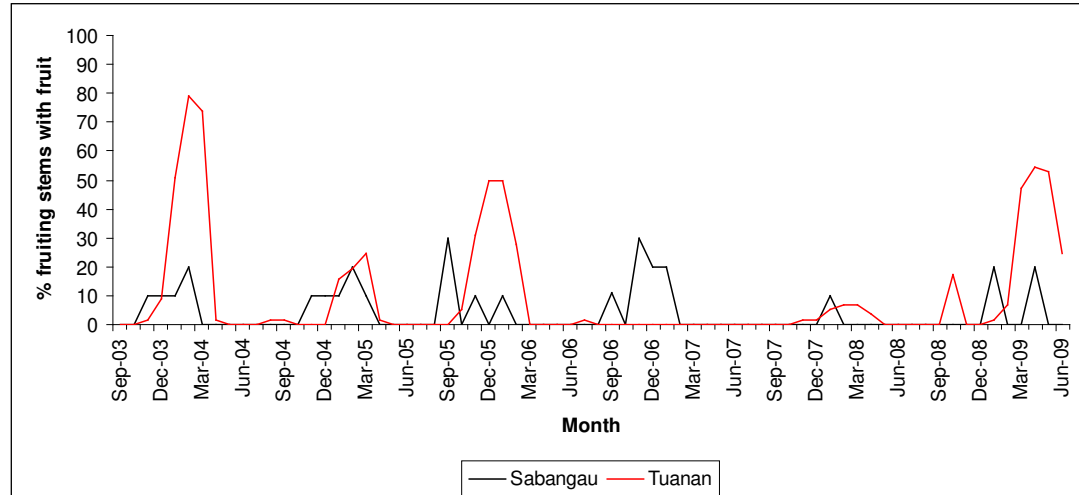
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	20.00	0	0	16.67	0	0	0	0	0	16.67	40.00	40.00
SD SA	44.72	0	0	40.82	0	0	0	0	0	40.82	54.77	54.77
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

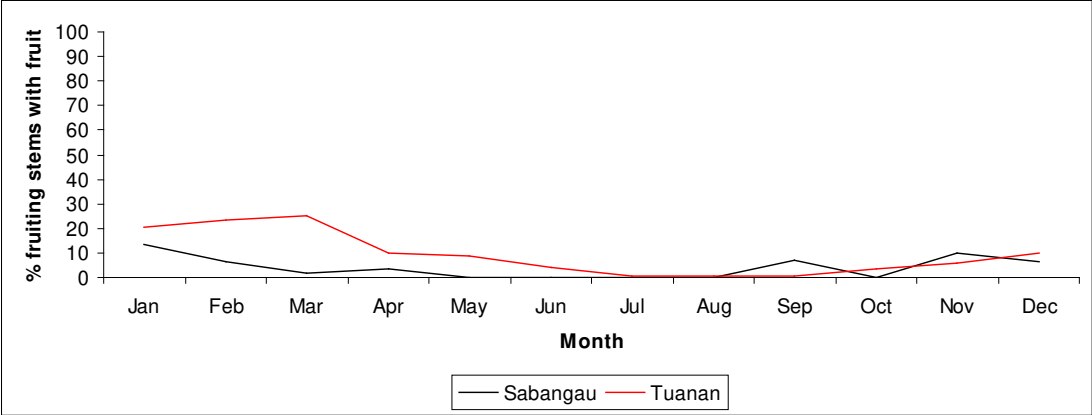
Family: Icacinaceae
Latin Name: *Stemonurus scorpiodes*
 Local name: Tabaras yang tidak punya akar (SA), keput bajuku (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	20	31
Stem density > 20 cm DBH/ha	2	2
Total number stems sampled	44	61
Total number fruiting stems	10	58
Percentage of fruiting stems	23	95
Minimum / maximum percentage fruiting stems bearing fruit/year	10 / 40	0 / 86
Minimum DBH bearing fruit (cm)	8	10
Fruiting regularity category	Regular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	13.33	6.67	1.67	3.33	0	0	0	0	6.85	0	10.00	6.67
SD SA	5.16	10.33	4.08	8.16	0	0	0	0	12.18	0	10.95	8.16
Mean TU	20.60	23.28	25.42	10.22	8.77	4.09	0.34	0.35	0.29	3.74	5.75	10.08
SD TU	23.76	29.01	29.82	21.67	21.49	10.03	0.77	0.78	0.72	6.93	12.42	19.85

Family: Lauraceae
Latin Name: *Alseodaphne coriacea*
 Local name: Gemur (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	2	2
Total number fruiting stems	0	0
Percentage of fruiting stems	0	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

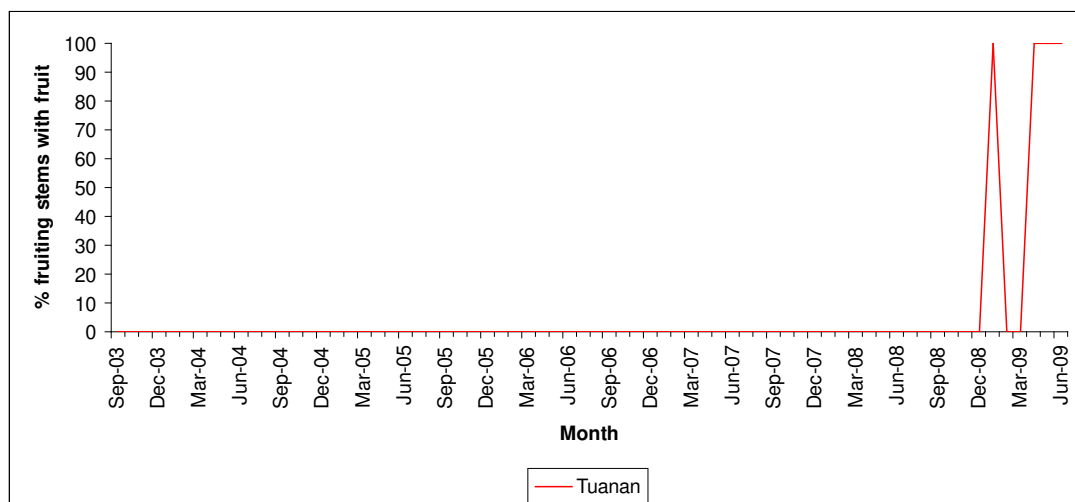
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

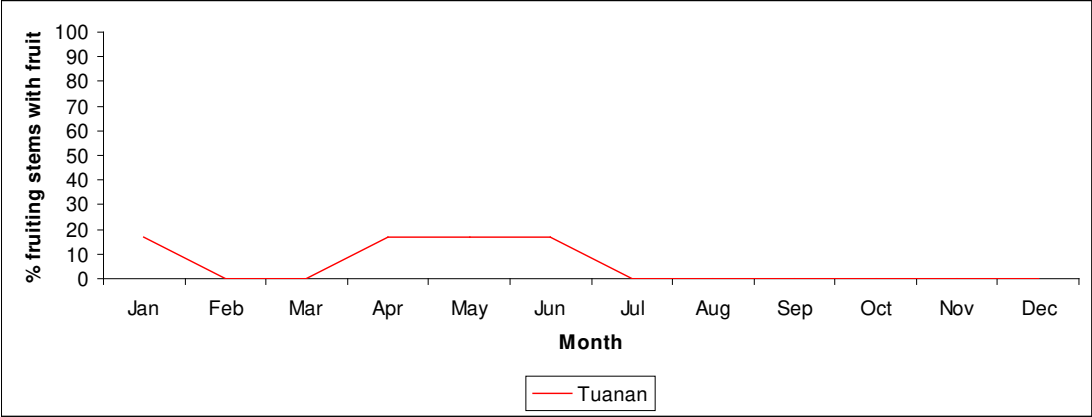
Family: Lauraceae
Latin Name: *Alseodaphne sp. 1*
 Local name: Karamuan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	2
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	3
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	33
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	23
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



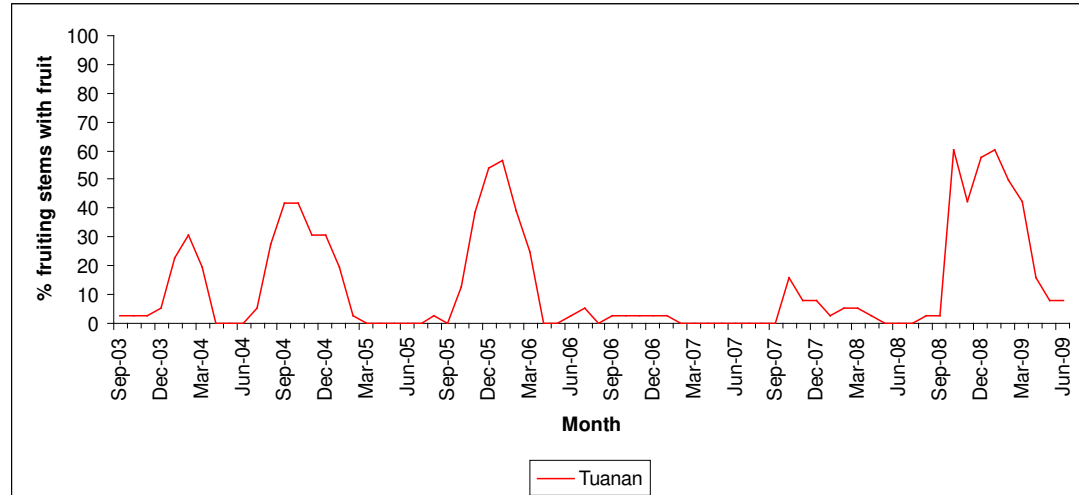
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	16.67	0	0	16.67	16.67	16.67	0	0	0	0	0	0
SD TU	40.82	0	0	40.82	40.82	40.82	0	0	0	0	0	0

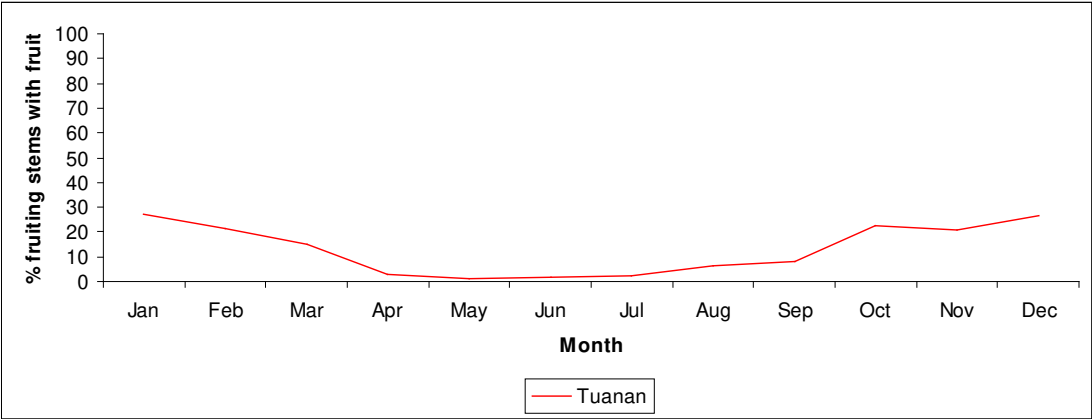
Family: Lauraceae
Latin Name: *Alseodaphne sp. 2*
 Local name: Tagula daun besar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	23
Stem density > 20 cm DBH/ha	0	2
Total number stems sampled	0	45
Total number fruiting stems	NA	39
Percentage of fruiting stems	NA	87
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	8 / 95
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



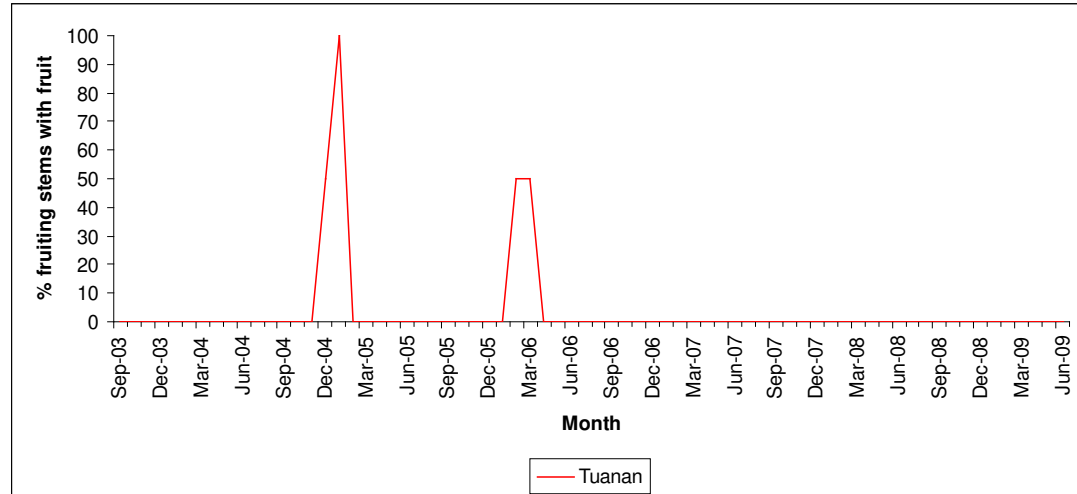
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	27.41	21.31	15.30	3.09	1.32	1.74	2.14	6.59	8.27	22.69	20.73	26.39
SD TU	25.51	21.39	16.73	6.32	3.22	3.18	2.93	11.91	16.41	23.40	18.36	24.93

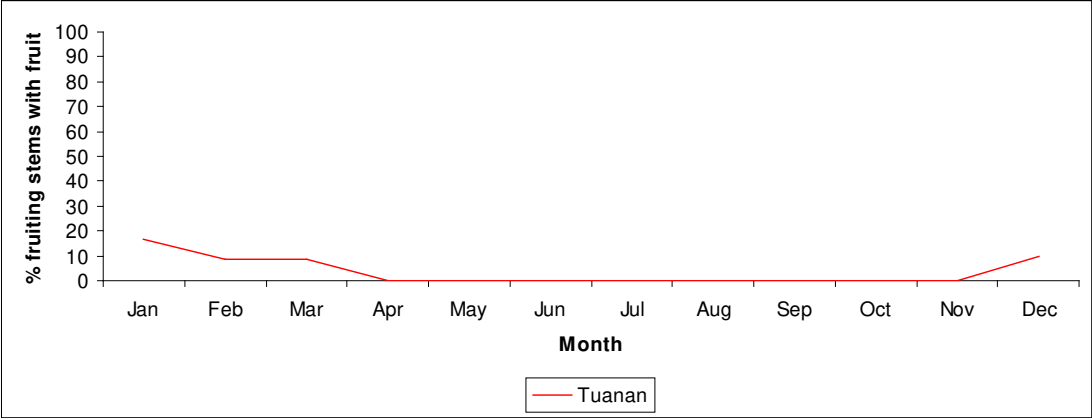
Family: Lauraceae
Latin Name: *Cryptocarya sp. 1*
 Local name: Kamehas daun besar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	2
Stem density > 20 cm DBH/ha	0	0
Total number stems sampled	0	3
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	67
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	13
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



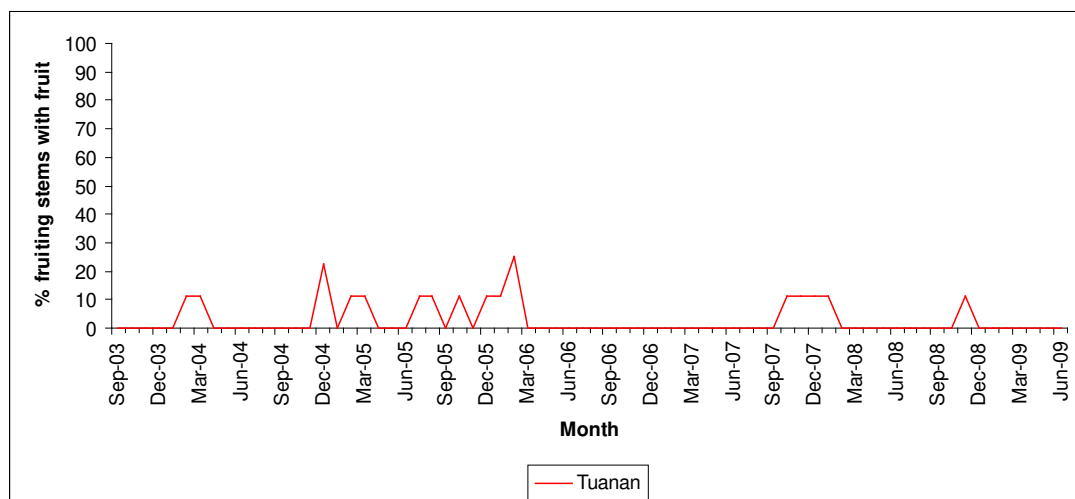
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	16.67	8.33	8.33	0	0	0	0	0	0	0	0	10.00
SD TU	40.82	20.41	20.41	0	0	0	0	0	0	0	0	22.36

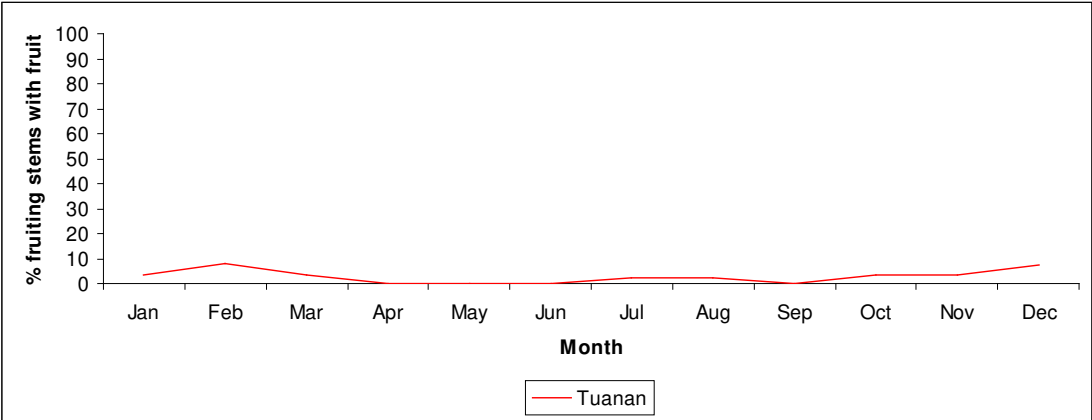
Family: Lauraceae
Latin Name: *Cryptocarya sp. 2*
 Local name: Kamehas daun perak (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	8
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	15
Total number fruiting stems	NA	9
Percentage of fruiting stems	NA	60
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 44
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



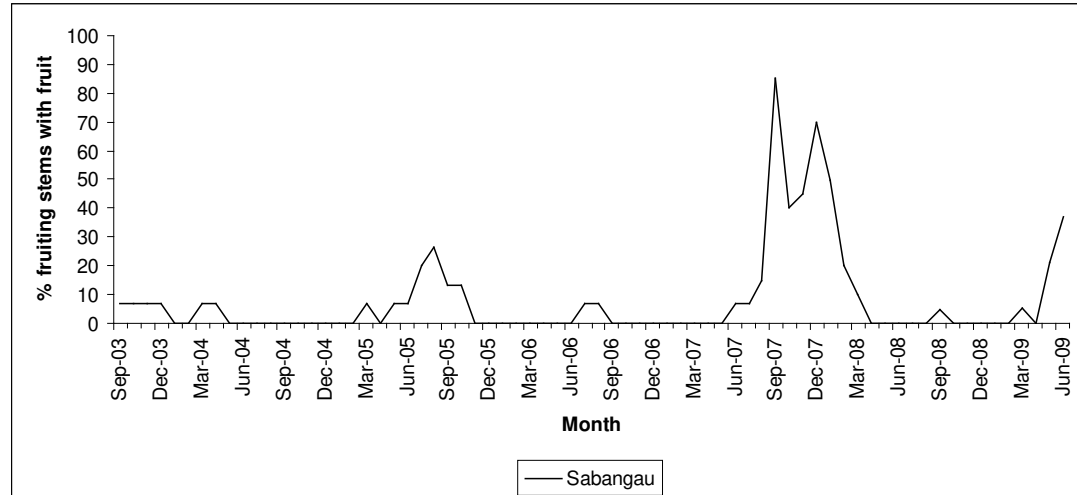
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	3.70	7.87	3.70	0	0	0	2.22	2.22	0	3.70	3.70	7.41
SD TU	5.74	10.00	5.74	0	0	0	4.97	4.97	0	5.74	5.74	9.07

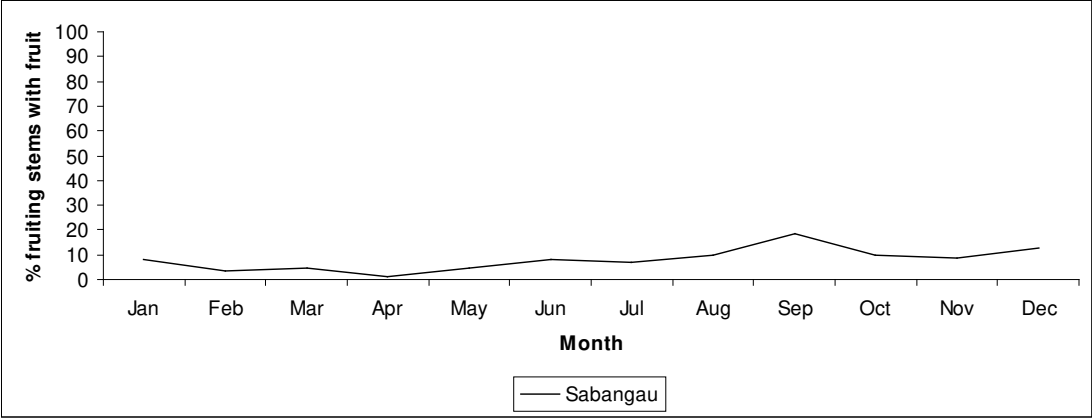
Family: Lauraceae
Latin Name: *Litsea cf. elliptica*
 Local name: Species medang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	13	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	19	0
Total number fruiting stems	15	NA
Percentage of fruiting stems	79	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	20 / 100	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



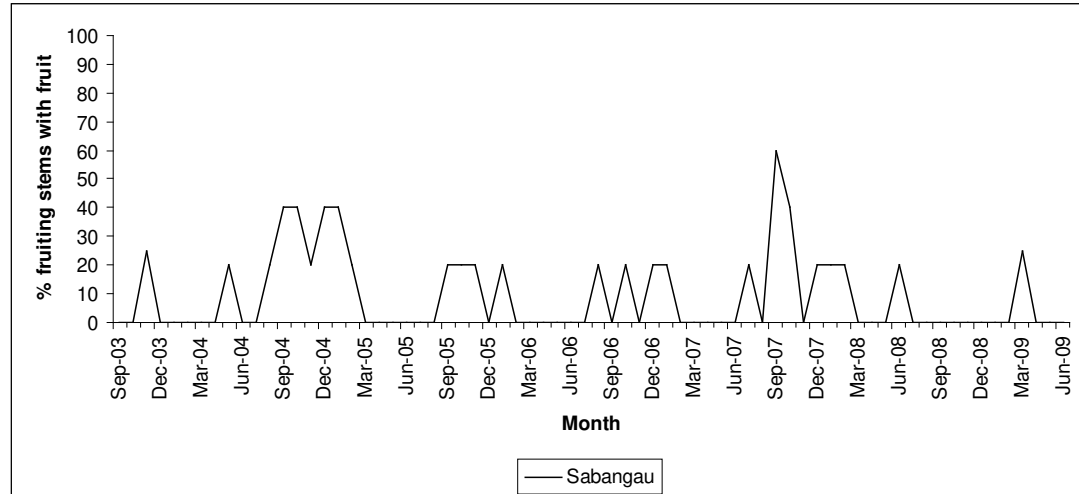
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	3.33	4.77	1.11	4.62	8.36	6.67	9.67	18.33	10.00	8.61	12.78
SD SA	20.41	8.16	4.01	2.72	8.48	14.33	8.16	11.33	33.03	15.63	18.03	28.16
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

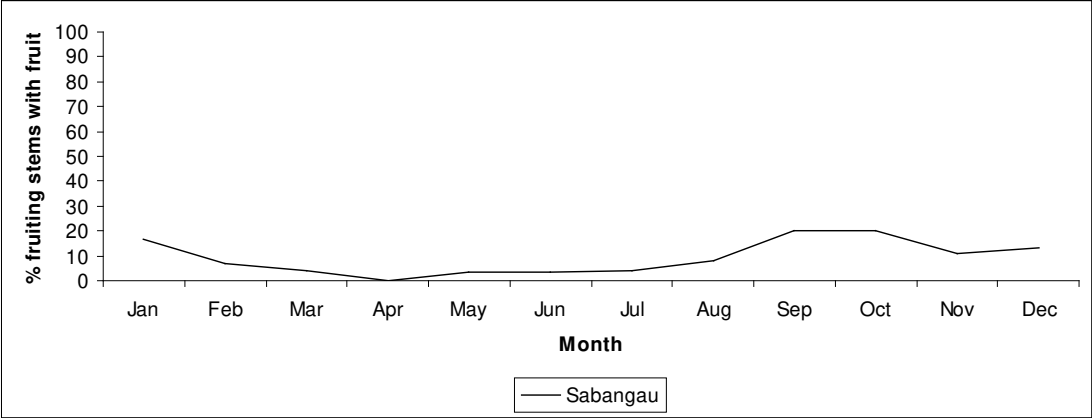
Family: Lauraceae
Latin Name: *Litsea cf. rufo-fusca*
 Local name: Tampang (SA), kamehas daun kecil (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	NA
Stem density > 20 cm DBH/ha	< 1	NA
Total number stems sampled	12	NA
Total number fruiting stems	5	NA
Percentage of fruiting stems	42	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	20 / 60	NA
Minimum DBH bearing fruit (cm)	12	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



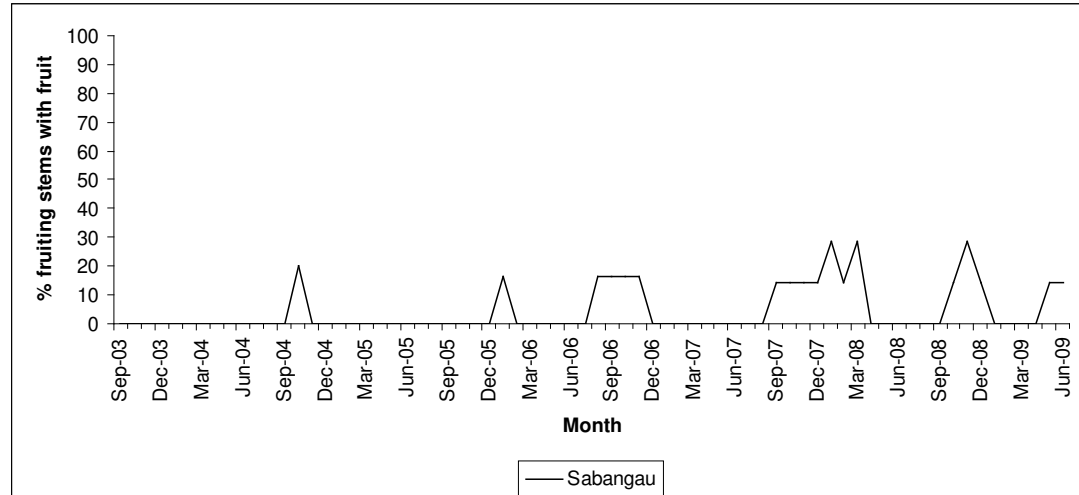
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	6.67	4.17	0	3.33	3.33	4.00	8.00	20.00	20.00	10.83	13.33
SD SA	15.06	10.33	10.21	0	8.16	8.16	8.94	10.95	25.30	17.89	12.01	16.33
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

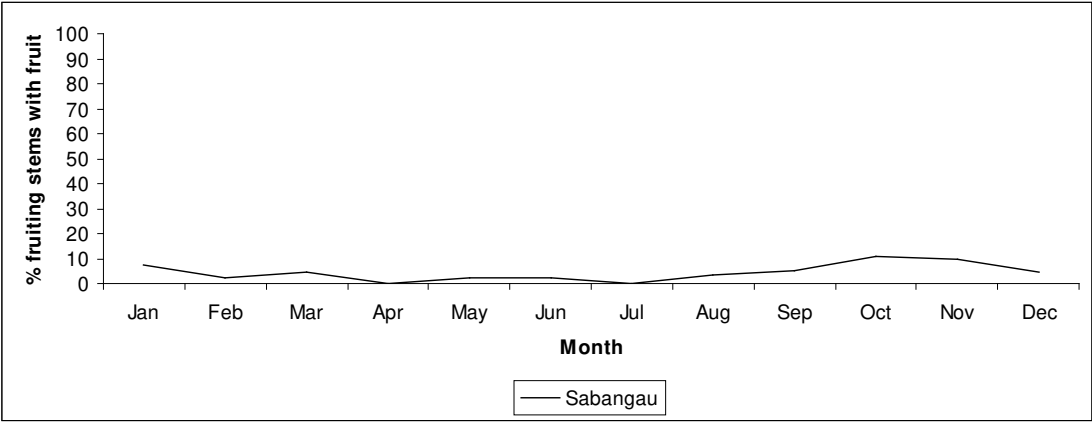
Family: Lauraceae
Latin Name: *Litsea cf. resinosa*
 Local name: Medang marakuwung (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	9	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	35	0
Total number fruiting stems	6	NA
Percentage of fruiting stems	17	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	14 / 43	NA
Minimum DBH bearing fruit (cm)	9	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



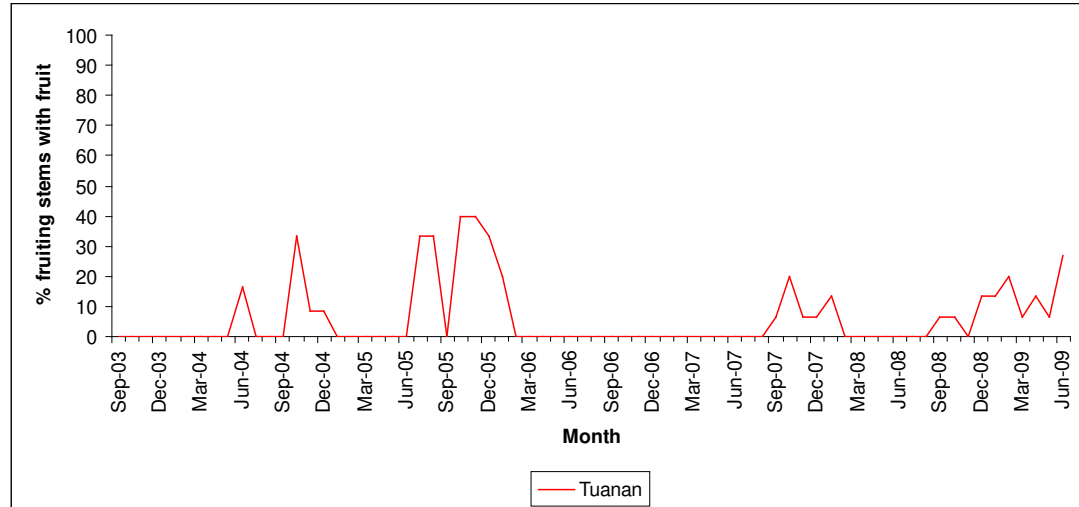
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	7.54	2.38	4.76	0	2.38	2.38	0	3.33	5.16	10.87	9.92	4.76
SD SA	12.27	5.83	11.66	0	5.83	5.83	0	7.45	8.03	8.68	11.90	7.38
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

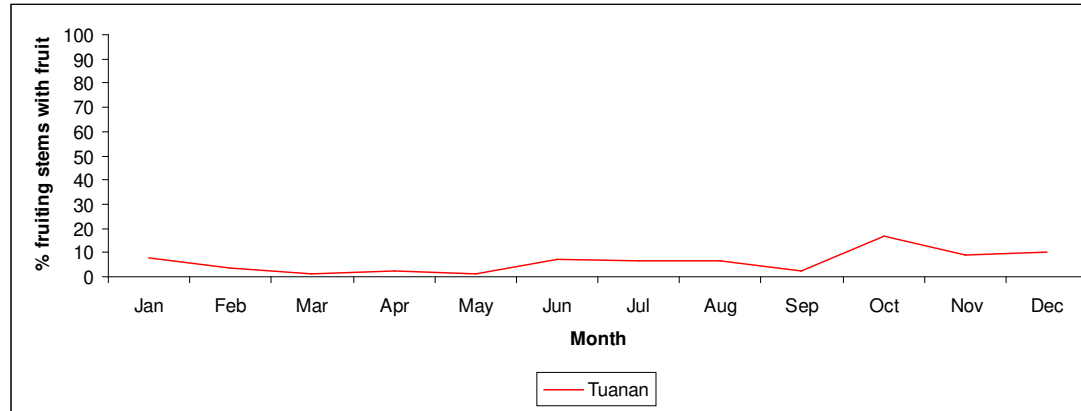
Family: Lauraceae
Latin Name: *Litsea spp. (including cf. firma, cf. rufo-fusca and other species)*
 Local name: Kamehas daun kecil, tagula daun kecil, pahawas (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	NA	14
Stem density > 20 cm DBH/ha	NA	0
Total number stems sampled	NA	28
Total number fruiting stems	NA	15
Percentage of fruiting stems	NA	54
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 75
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	7.78	3.33	1.11	2.22	1.11	7.22	6.67	6.67	2.22	16.67	9.17	10.28
SD TU	8.86	8.16	2.72	5.44	2.72	11.63	14.91	14.91	3.44	17.26	15.55	12.40

Family: Lauraceae
Latin Name: *Notaphoebe sp. 1*
 Local name: Medang sp. (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0

Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Lauraceae
Latin Name: *Notaphoebe umbeliflora*
 Local name: Kaja (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Lauraceae
Latin Name: *Phoebe cf. grandis*
 Local name: Tabitik (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	12	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

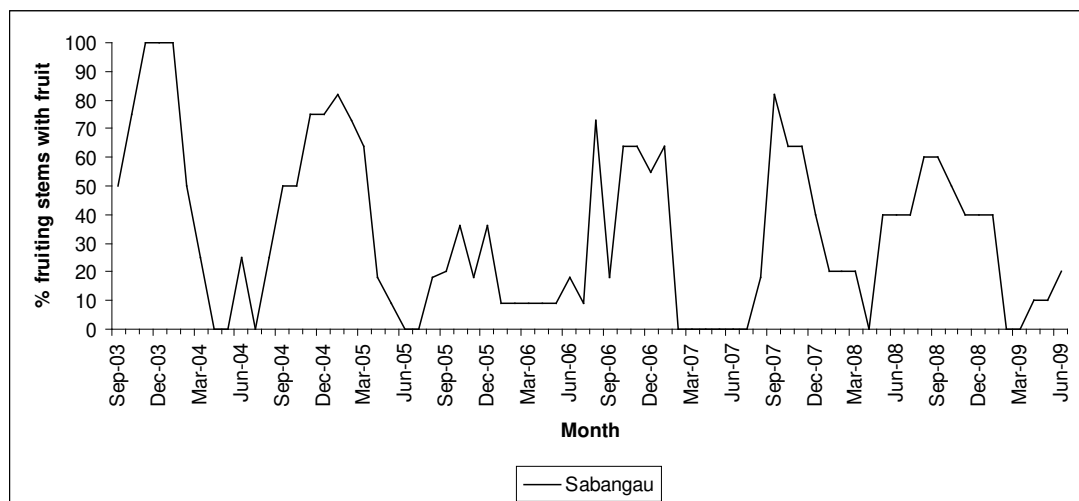
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

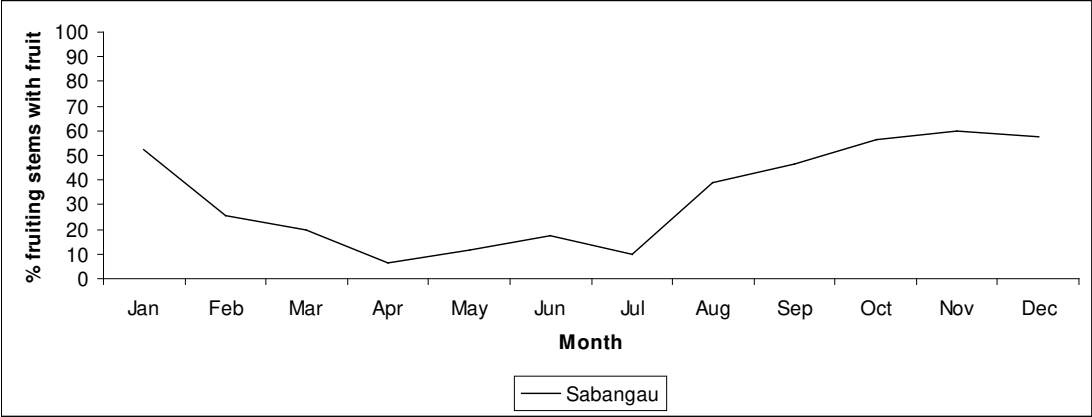
Family: Linaceae
Latin Name: *Ctenolophon parvifolius*
 Local name: Kayu cahang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	3	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	14	0
Total number fruiting stems	11	NA
Percentage of fruiting stems	79	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	60 / 100	NA
Minimum DBH bearing fruit (cm)	20	NA
Fruiting regularity category	Frequent	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



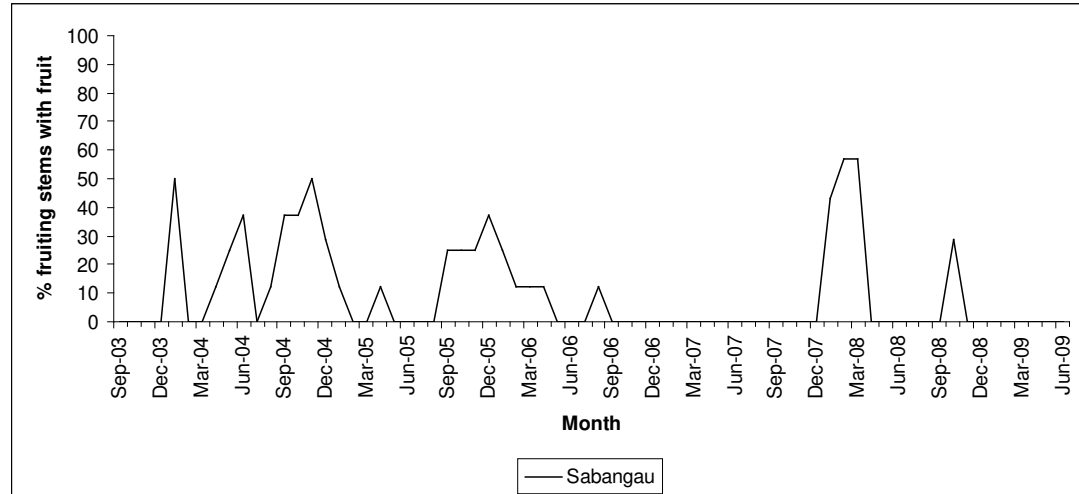
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	52.42	25.30	19.62	6.21	11.36	17.20	9.82	38.82	46.67	56.44	60.08	57.65
SD SA	35.60	29.77	23.86	7.51	14.77	15.37	17.33	25.70	24.32	13.67	28.28	25.22
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

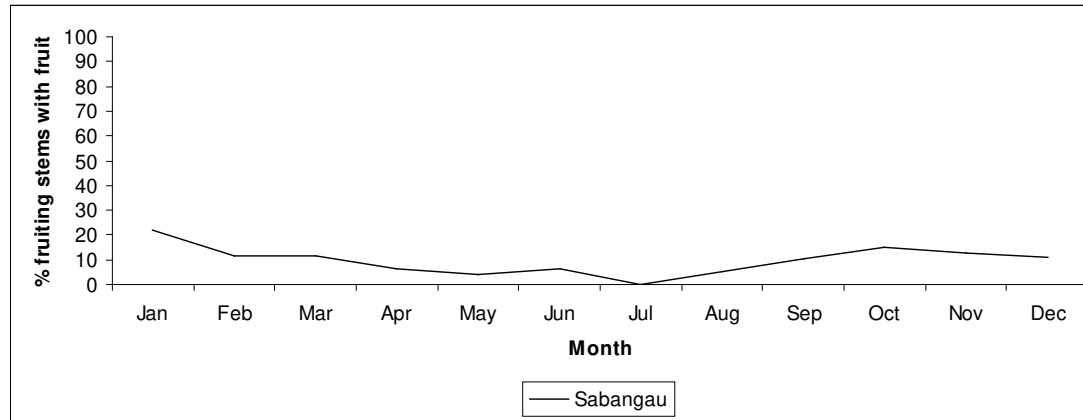
Family: Magnoliaceae
Latin Name: *Magnolia bintulensis*
 Local name: Medang limo (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	14	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	19	0
Total number fruiting stems	8	NA
Percentage of fruiting stems	42	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	29 / 71	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	21.73	11.61	11.61	6.25	4.17	6.25	0	5.00	10.42	15.18	12.50	11.01
SD SA	21.38	22.86	22.86	6.85	10.21	15.31	0	6.85	16.61	17.12	20.92	17.29
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Magnoliaceae
Latin Name: *Magnolia sp.*
 Local name: Kayu hanye bajai (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

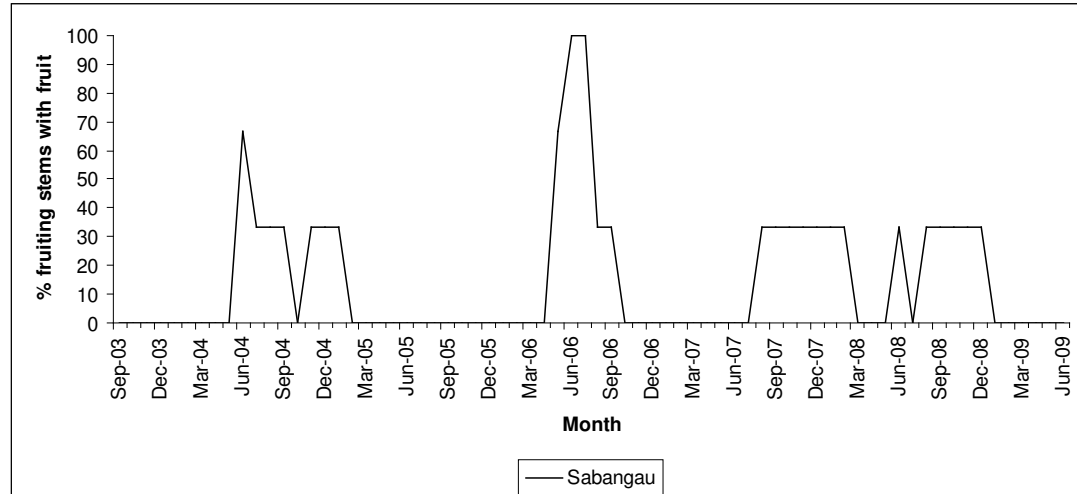
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

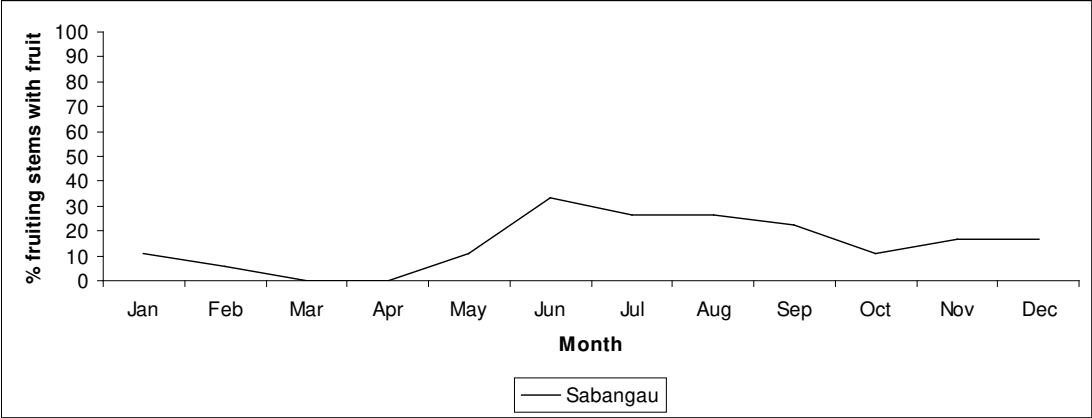
Family: Melastomataceae
Latin Name: *Memecylon sp. 1*
 Local name: Jambu-jambu (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	3	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	3	NA
Percentage of fruiting stems	74	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	33 / 100	NA
Minimum DBH bearing fruit (cm)	9	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



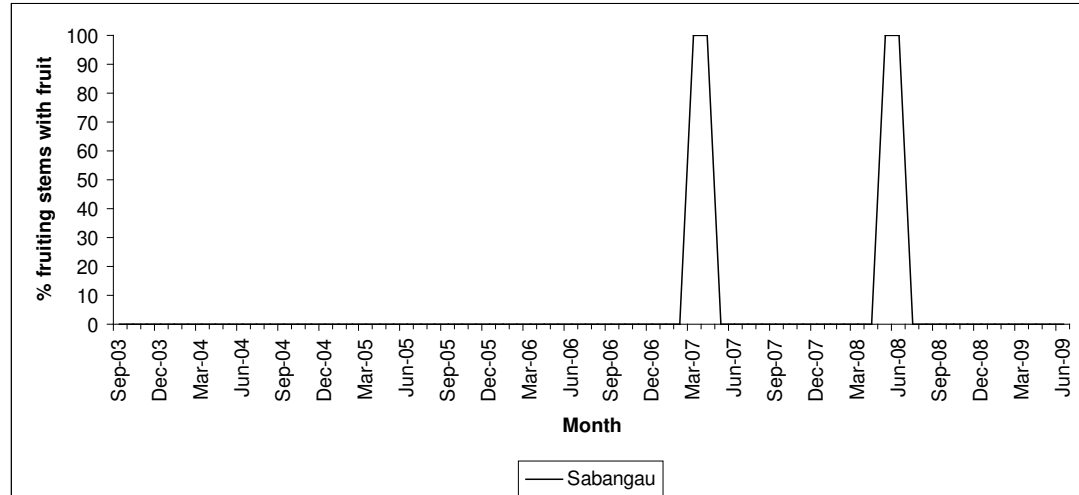
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	11.11	5.56	0	0	11.11	33.33	26.67	26.67	22.22	11.11	16.67	16.67
SD SA	17.21	13.61	0	0	27.22	42.16	43.46	14.91	17.21	17.21	18.26	18.26
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

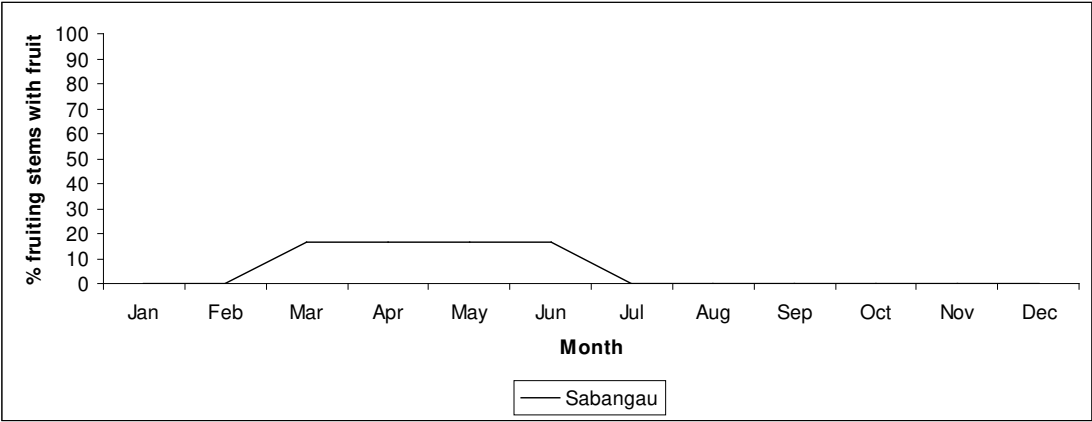
Family: Melastomataceae
Latin Name: *Memecylon sp. 3*
 Local name: Tabati himba (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	100	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	15	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



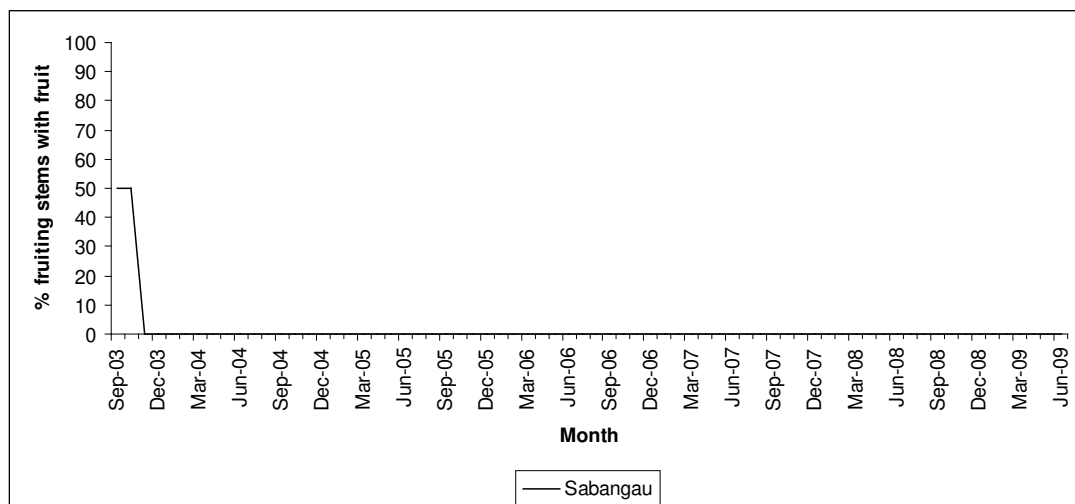
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	16.67	16.67	16.67	16.67	0	0	0	0	0	0
SD SA	0	0	40.82	40.82	40.82	40.82	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

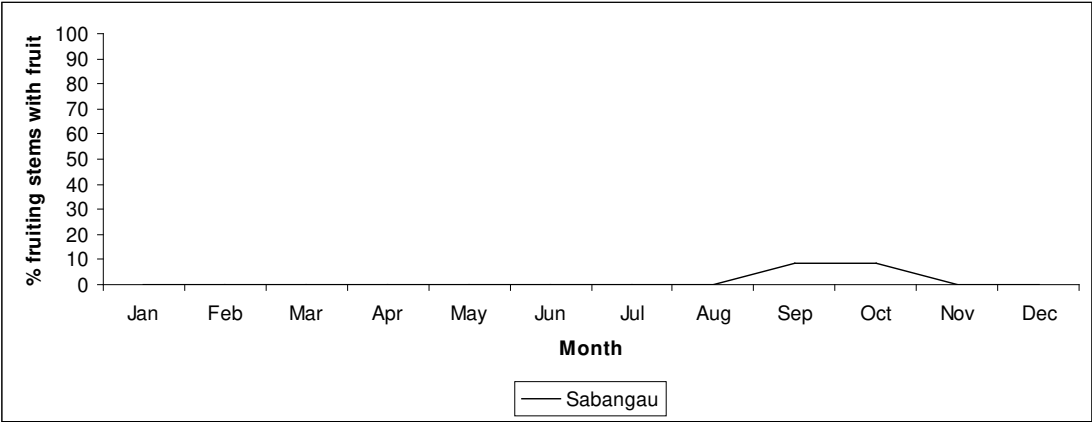
Family: Melastomataceae
Latin Name: *Pternandra cf. coerulescens / galeata*
 Local name: Kemuning yang bergaris tiga (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	3	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	67	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	10	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



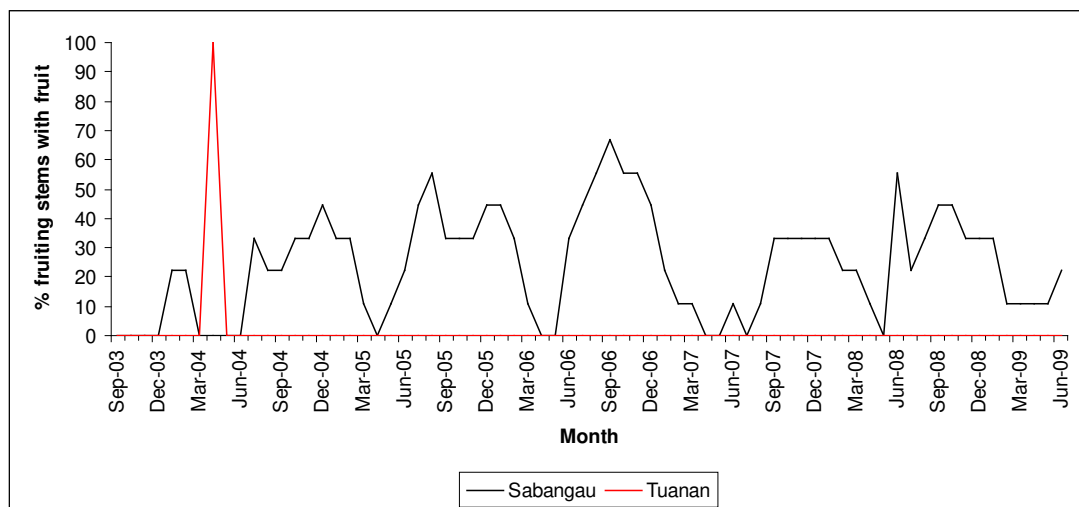
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	0	0	0	0	0	8.33	8.33	0	0
SD SA	0	0	0	0	0	0	0	0	20.41	20.41	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

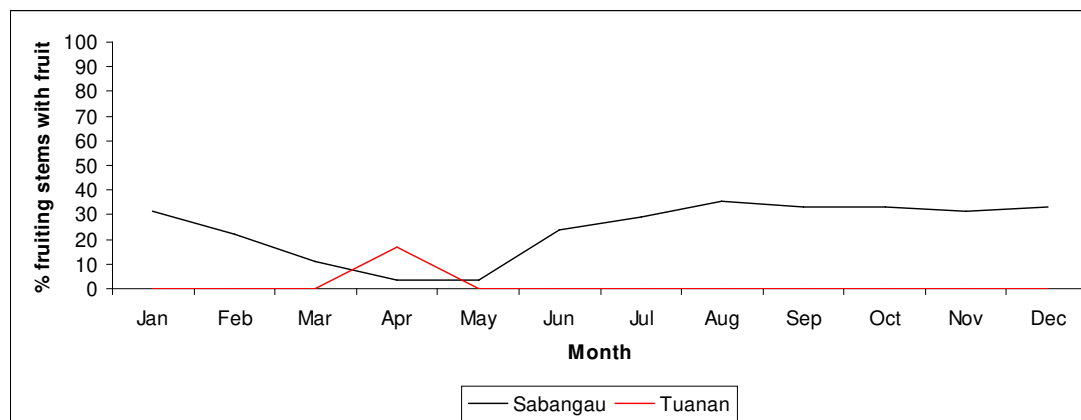
Family: Meliaceae
Latin Name: *Aglaia rubiginosa*
 Local name: Kajalaki (SA), kajalaki bawi (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	7	6
Stem density > 20 cm DBH/ha	5	2
Total number stems sampled	18	12
Total number fruiting stems	9	1
Percentage of fruiting stems	50	8
Minimum / maximum percentage fruiting stems bearing fruit/year	44 / 78	0 / 100
Minimum DBH bearing fruit (cm)	23	24
Fruiting regularity category	Year-round	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



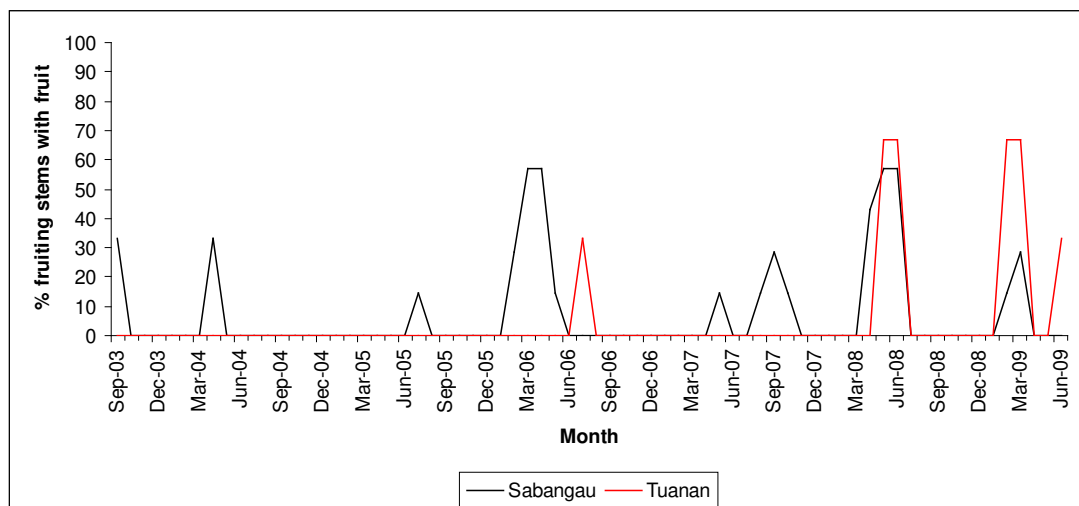
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	31.48	22.22	11.11	3.70	3.70	24.07	28.89	35.56	33.33	33.33	31.48	33.33
SD SA	8.36	9.94	7.03	5.74	5.74	19.14	18.59	19.88	22.22	18.59	17.80	17.21
Mean TU	0	0	0	16.67	0	0	0	0	0	0	0	0
SD TU	0	0	0	40.82	0	0	0	0	0	0	0	0

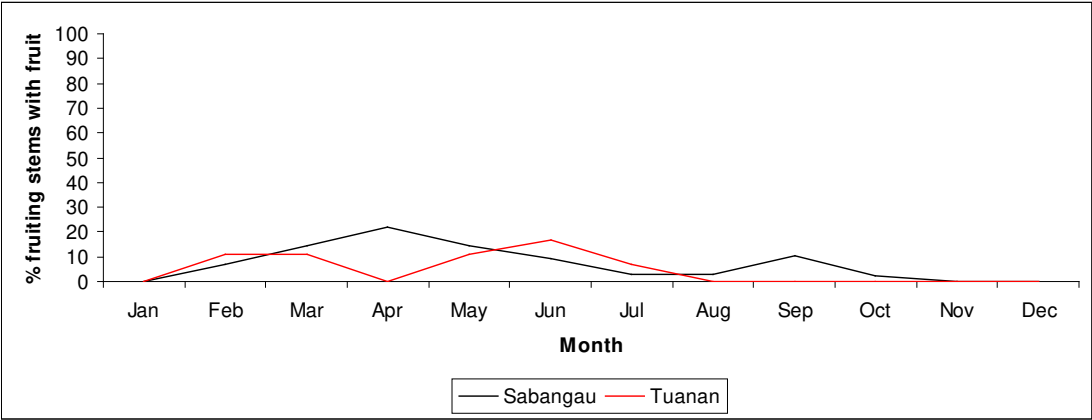
Family: Meliaceae
Latin Name: *Sandoricum beccanarium / borneense*
 Local name: Papong (SA), papung (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	22	6
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	53	11
Total number fruiting stems	7	3
Percentage of fruiting stems	13	27
Minimum / maximum percentage fruiting stems bearing fruit/year	14 / 71	0 / 67
Minimum DBH bearing fruit (cm)	10	11
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



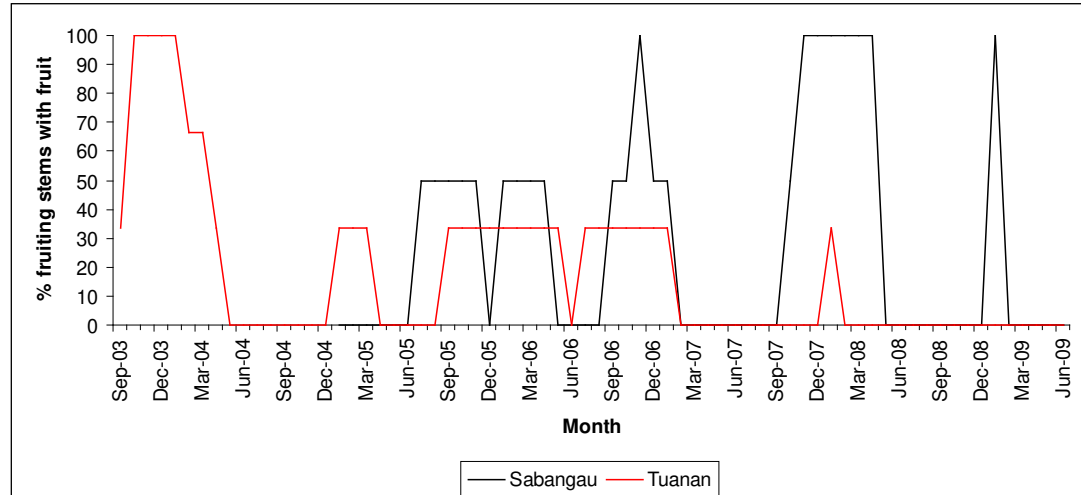
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	7.14	14.29	22.22	14.29	9.52	2.86	2.86	10.32	2.38	0	0
SD SA	0	11.95	23.90	25.50	22.13	23.33	6.39	6.39	16.05	5.83	0	0
Mean TU	0	11.11	11.11	0	11.11	16.67	6.67	0	0	0	0	0
SD TU	0	27.22	27.22	0	27.22	27.89	14.91	0	0	0	0	0

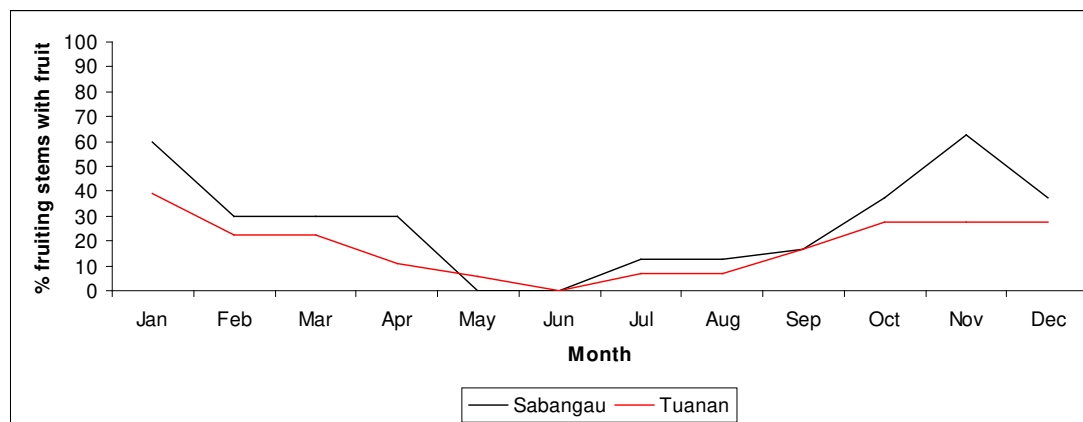
Family: Moraceae
Latin Name: *Parartocarpus venenosus*
 Local name: Lilin-lilin (SA), pakan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	3
Stem density > 20 cm DBH/ha	< 1	1
Total number stems sampled	6	5
Total number fruiting stems	2	3
Percentage of fruiting stems	33	60
Minimum / maximum percentage fruiting stems bearing fruit/year	50 / 100	0 / 100
Minimum DBH bearing fruit (cm)	33	16
Fruiting regularity category	Regular	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



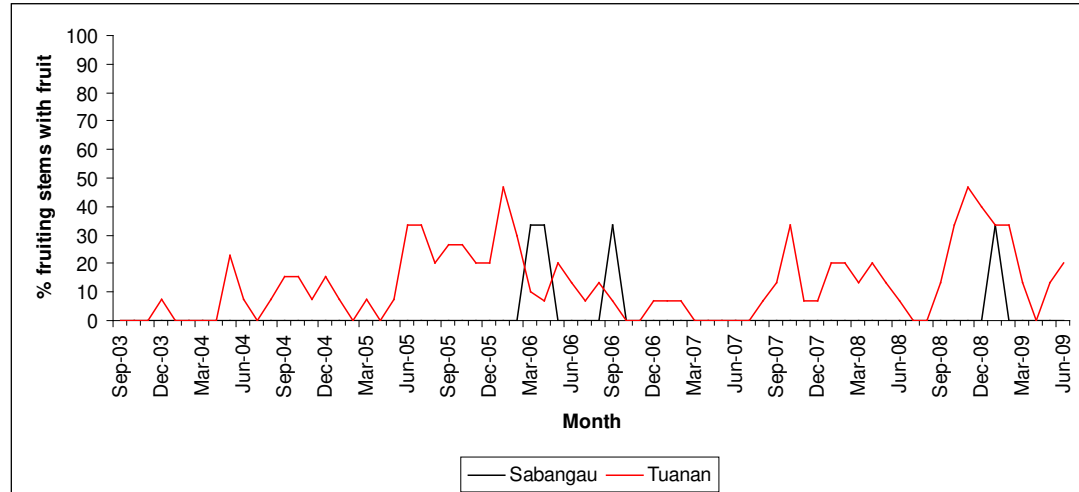
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	60.00	30.00	30.00	30.00	0	0	12.50	12.50	16.67	37.50	62.50	37.50
SD SA	41.83	44.72	44.72	44.72	0	0	25.00	25.00	28.87	25.00	47.87	47.87
Mean TU	38.89	22.22	22.22	11.11	5.56	0	6.67	6.67	16.67	27.78	27.78	27.78
SD TU	32.77	27.22	27.22	17.21	13.61	0	14.91	14.91	18.26	38.97	38.97	38.97

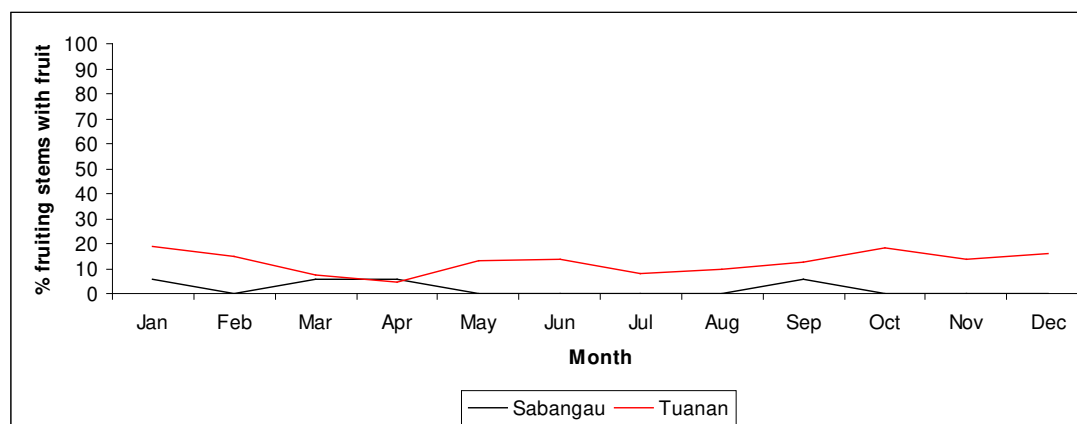
Family: Myristicaceae
Latin Name: *Gymnacranthera farquhariana*
 Local name: Mendarahan daun kecil (SA), kumpang daun hijau (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	10	16
Stem density > 20 cm DBH/ha	< 1	4
Total number stems sampled	33	32
Total number fruiting stems	3	15
Percentage of fruiting stems	9	47
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 33	20 / 67
Minimum DBH bearing fruit (cm)	14	10
Fruiting regularity category	Irregular	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



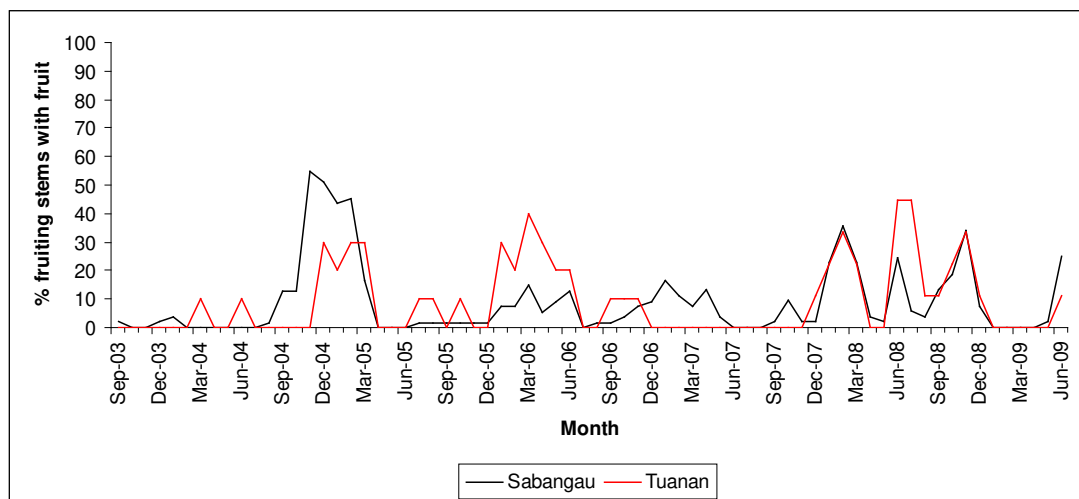
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	5.56	0	5.56	5.56	0	0	0	0	5.56	0	0	0
SD SA	13.61	0	13.61	13.61	0	0	0	0	13.61	0	0	0
Mean TU	19.06	15.00	7.39	4.44	12.91	13.50	8.00	9.54	12.56	18.12	13.50	16.07
SD TU	17.96	14.87	6.11	8.07	8.34	11.82	14.45	7.52	8.95	15.49	17.82	12.93

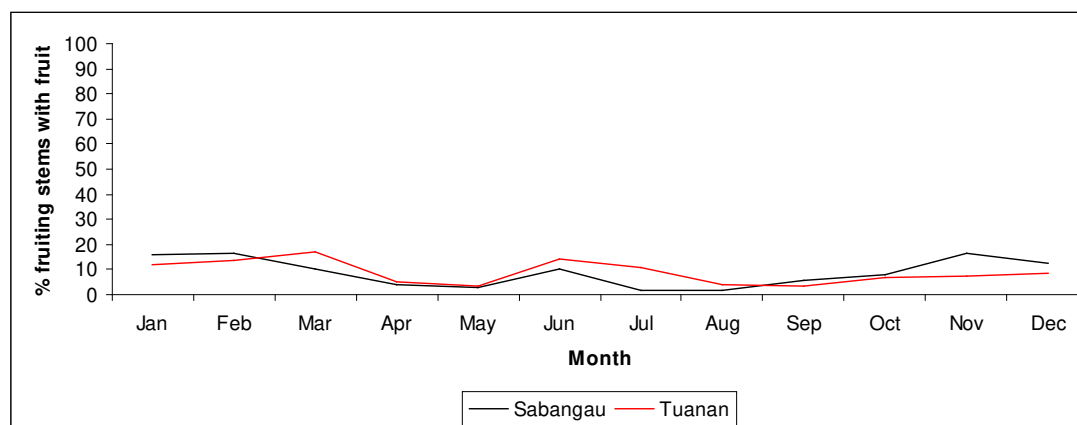
Family: Myristicaceae
Latin Name: *Horsfieldia crassifolia*
 Local name: Mendarahan daun besar (SA), kumpang daun perak (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	73	13
Stem density > 20 cm DBH/ha	11	2
Total number stems sampled	123	25
Total number fruiting stems	55	10
Percentage of fruiting stems	45	40
Minimum / maximum percentage fruiting stems bearing fruit/year	7 / 62	20 / 70
Minimum DBH bearing fruit (cm)	9	11
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



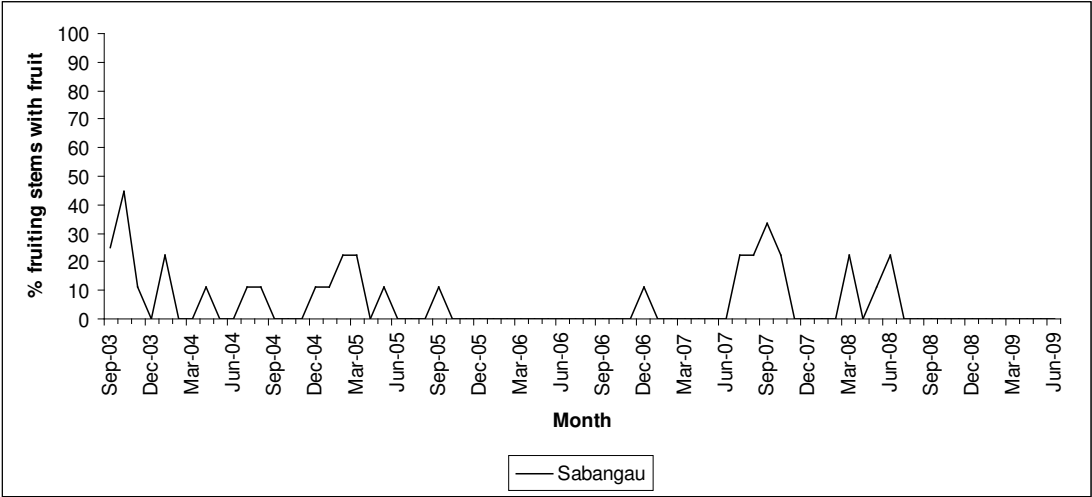
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	15.65	16.64	10.23	3.76	2.81	10.42	1.50	1.85	5.61	7.76	16.60	12.27
SD SA	16.07	19.33	9.26	5.19	3.46	12.20	2.46	1.33	5.70	7.25	22.52	19.20
Mean TU	12.04	13.89	17.04	5.00	3.33	14.26	10.89	4.22	3.52	7.04	7.22	8.70
SD TU	13.60	15.83	16.45	12.25	8.16	16.61	19.25	5.79	5.46	8.91	13.40	11.77

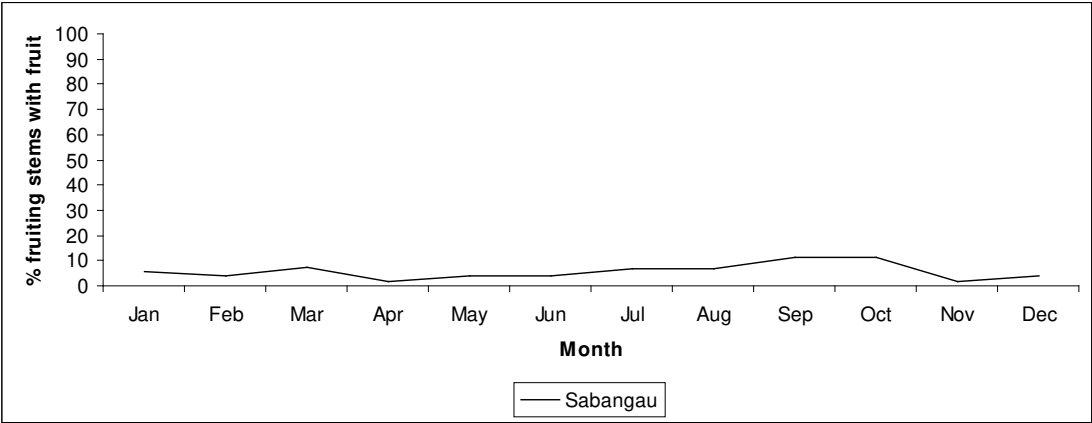
Family: Myristicaceae
Latin Name: *Knema intermedia*
Local name: Bahandang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	15	0
Total number fruiting stems	9	NA
Percentage of fruiting stems	60	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	11 / 88	NA
Minimum DBH bearing fruit (cm)	6	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



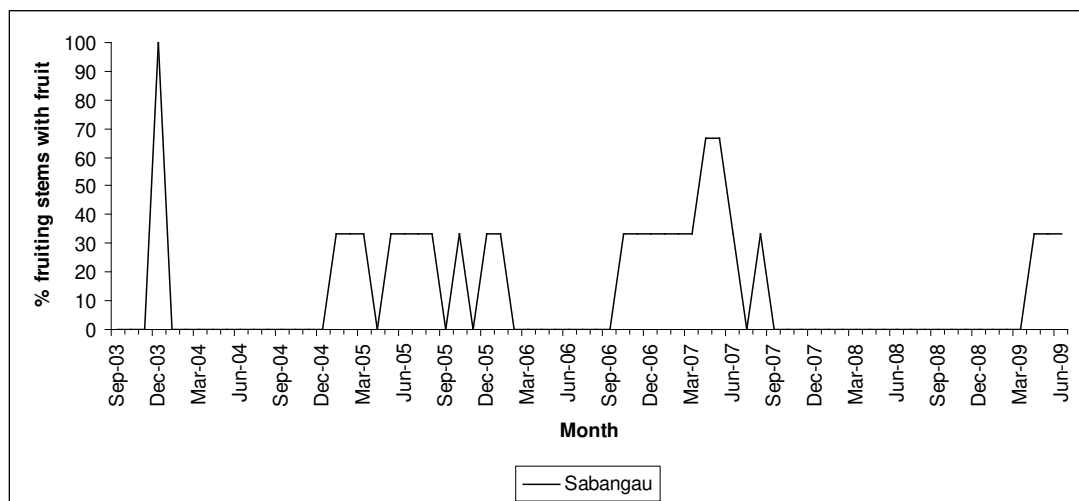
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	5.56	3.70	7.41	1.85	3.70	3.70	6.67	6.67	11.57	11.11	1.85	3.70
SD SA	9.30	9.07	11.48	4.54	5.74	9.07	9.94	9.94	14.53	18.59	4.54	5.74
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

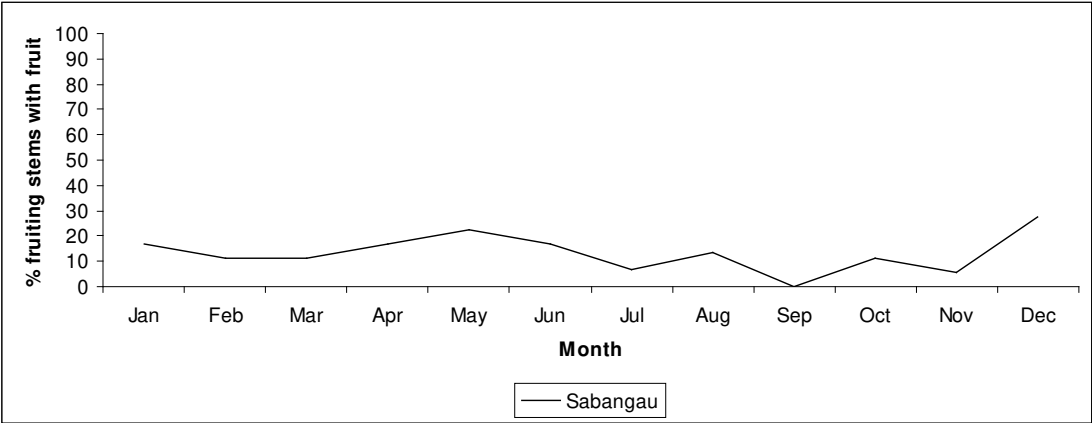
Family: Myristicaceae
Latin Name: *Myristica lowiana*
 Local name: Mahadarah hitam (SA), maruang (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	9	2
Total number fruiting stems	3	0
Percentage of fruiting stems	33	0
Minimum / maximum percentage fruiting stems bearing fruit/year	33 / 100	NA
Minimum DBH bearing fruit (cm)	10	NA
Fruiting regularity category	Irregular	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



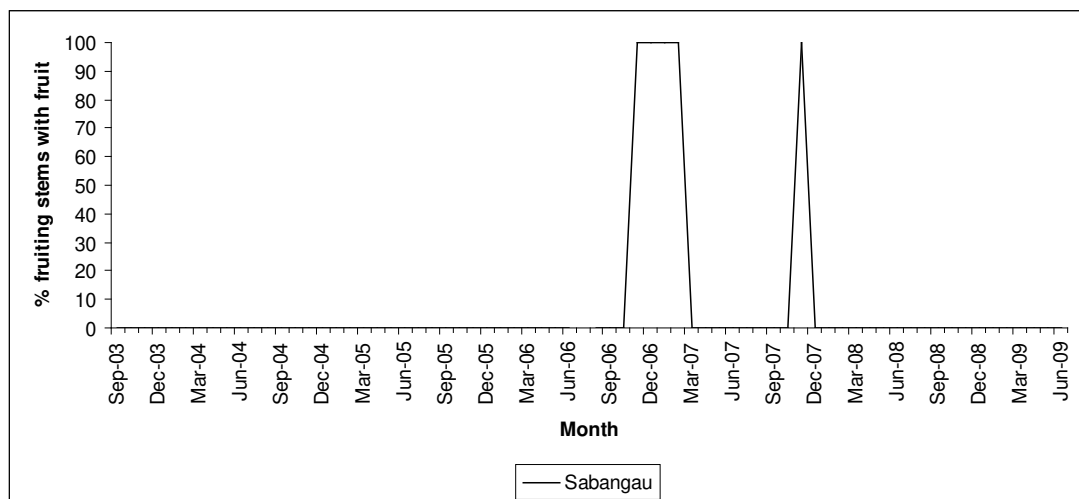
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	11.11	11.11	16.67	22.22	16.67	6.67	13.33	0	11.11	5.56	27.78
SD SA	18.26	17.21	17.21	27.89	27.22	18.26	14.91	18.26	0	17.21	13.61	38.97
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

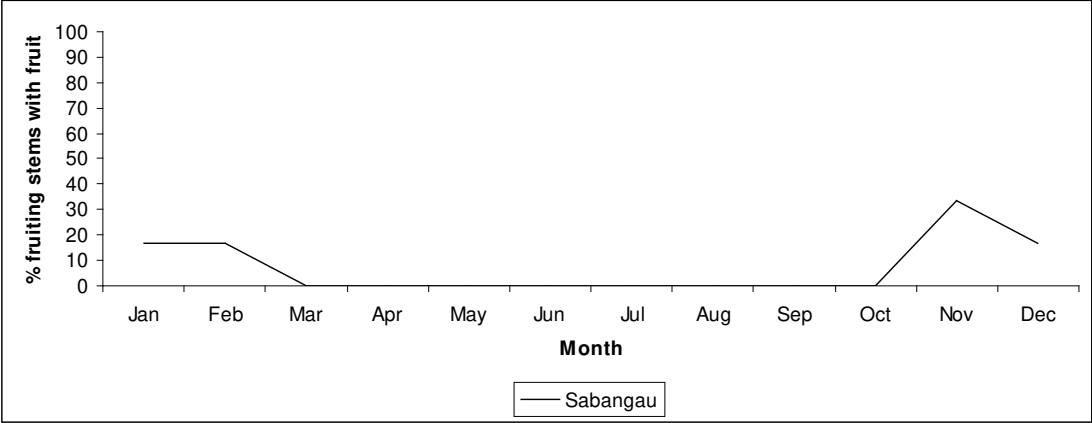
Family: Myrsinaceae
Latin Name: *cf. Rapanea borneensis*
 Local name: Mertibu (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	1	NA
Percentage of fruiting stems	25	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	29	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	16.67	0	0	0	0	0	0	0	0	33.33	16.67
SD SA	40.82	40.82	0	0	0	0	0	0	0	0	51.64	40.82
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Myrtaceae
Latin Name: *Eugenia cf. spicata*
 Local name: Kayu lalas (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	10	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

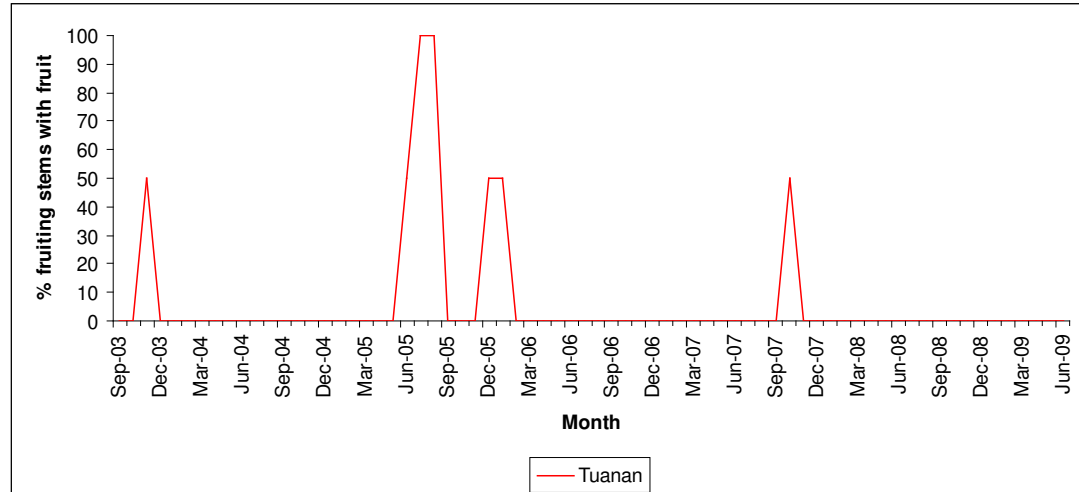
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

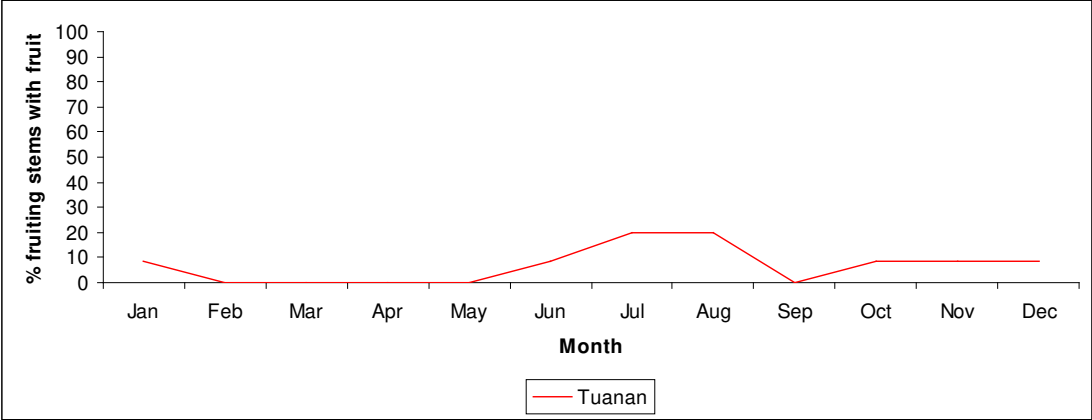
Family: Myrtaceae
Latin Name: *Rhodamnia cinerea*
 Local name: Kambasulan (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	2
Stem density > 20 cm DBH/ha	0	1
Total number stems sampled	0	4
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	50
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	15
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



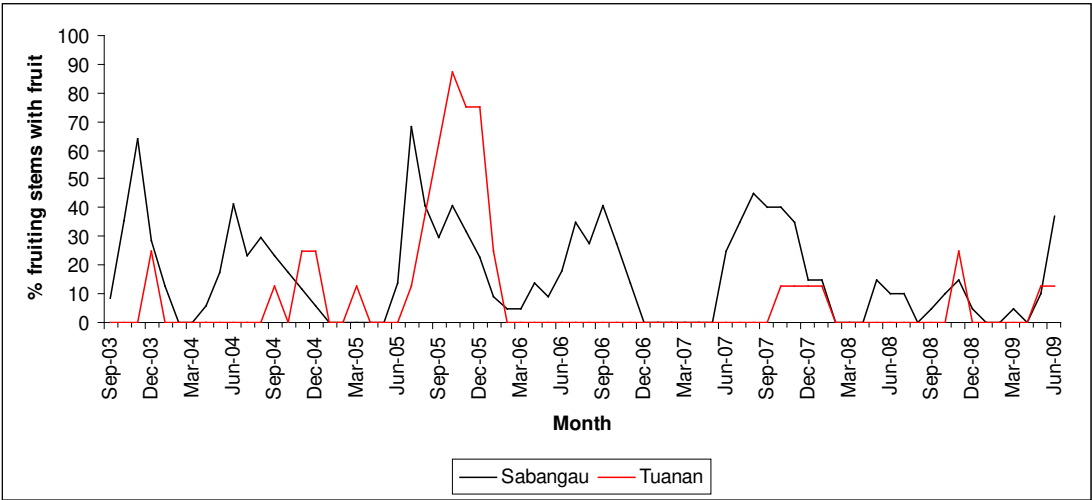
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	8.33	0	0	0	0	8.33	20.00	20.00	0	8.33	8.33	8.33
SD TU	20.41	0	0	0	0	20.41	44.72	44.72	0	20.41	20.41	20.41

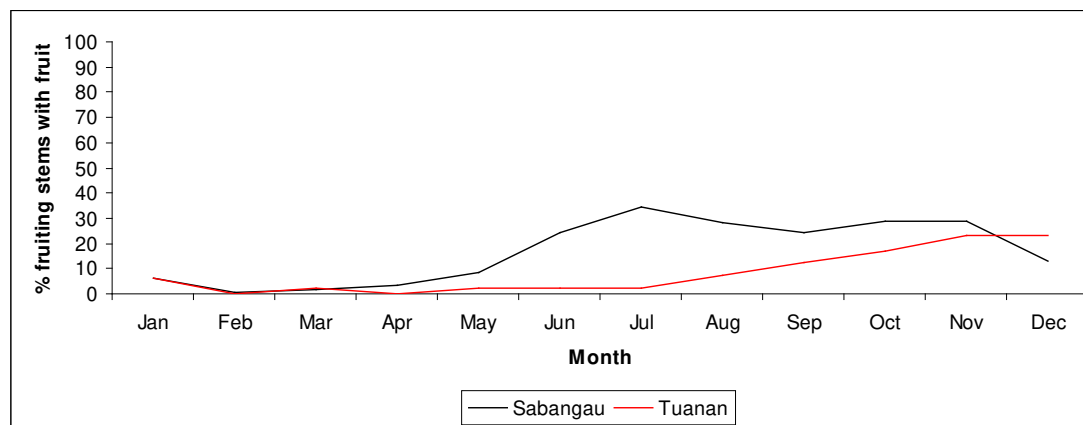
Family: Myrtaceae
Latin Name: *Syzygium cf. garcinifolia*
Local name: Jambu burung (SA), tatumbu kasar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	17	6
Stem density > 20 cm DBH/ha	7	3
Total number stems sampled	34	11
Total number fruiting stems	22	8
Percentage of fruiting stems	65	73
Minimum / maximum percentage fruiting stems bearing fruit/year	45 / 82	0 / 88
Minimum DBH bearing fruit (cm)	11	11
Fruiting regularity category	Frequent	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



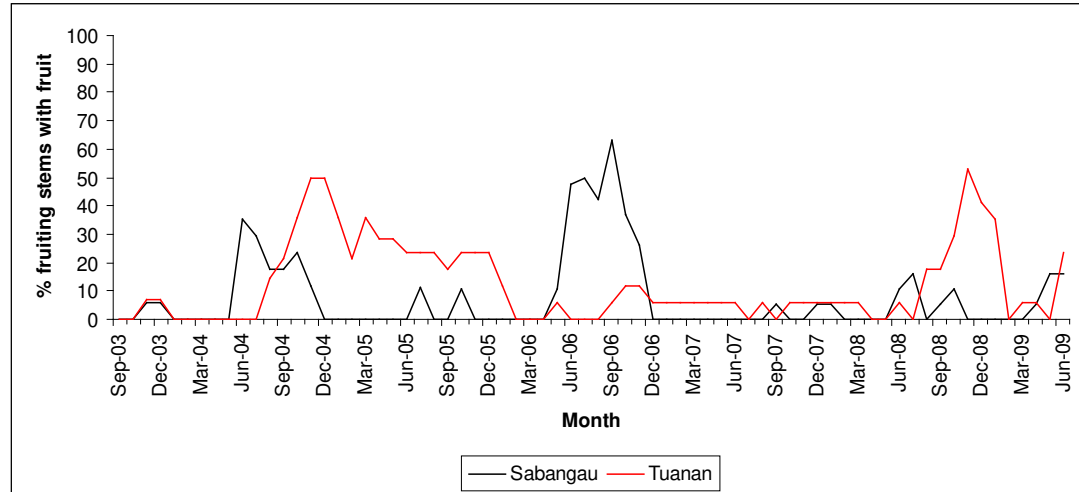
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	6.10	0.76	1.59	3.25	8.62	24.14	34.34	28.52	24.53	28.59	28.58	12.86
SD SA	6.94	1.86	2.47	5.60	7.39	12.63	21.54	17.61	15.34	12.65	20.09	11.18
Mean TU	6.25	0	2.08	0	2.08	2.08	2.50	7.50	12.50	16.67	22.92	22.92
SD TU	10.46	0	5.10	0	5.10	5.10	5.59	16.77	25.00	35.06	27.86	27.86

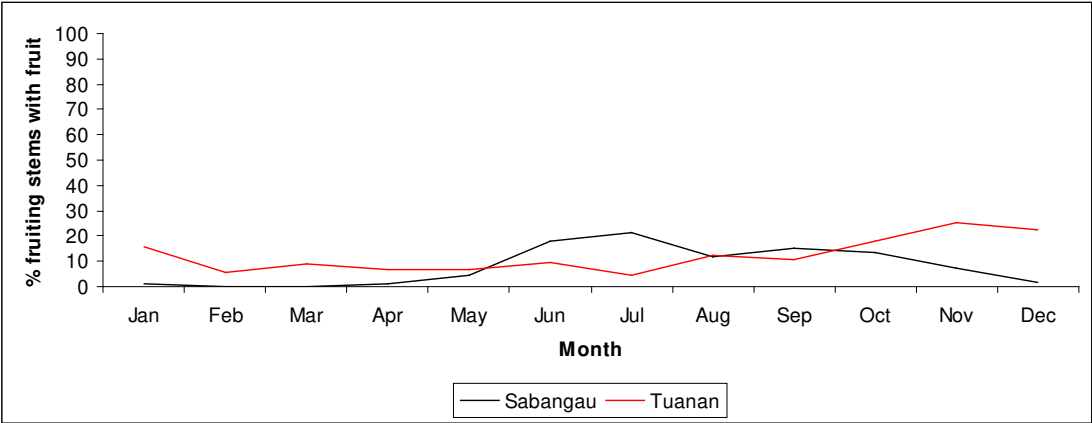
Family: Myrtaceae
Latin Name: *Syzygium havilandii*
 Local name: Tatumbu (SA), tatumbu putih (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	19	13
Stem density > 20 cm DBH/ha	< 1	2
Total number stems sampled	52	25
Total number fruiting stems	19	17
Percentage of fruiting stems	37	68
Minimum / maximum percentage fruiting stems bearing fruit/year	32 / 68	12 / 65
Minimum DBH bearing fruit (cm)	8	10
Fruiting regularity category	Regular	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



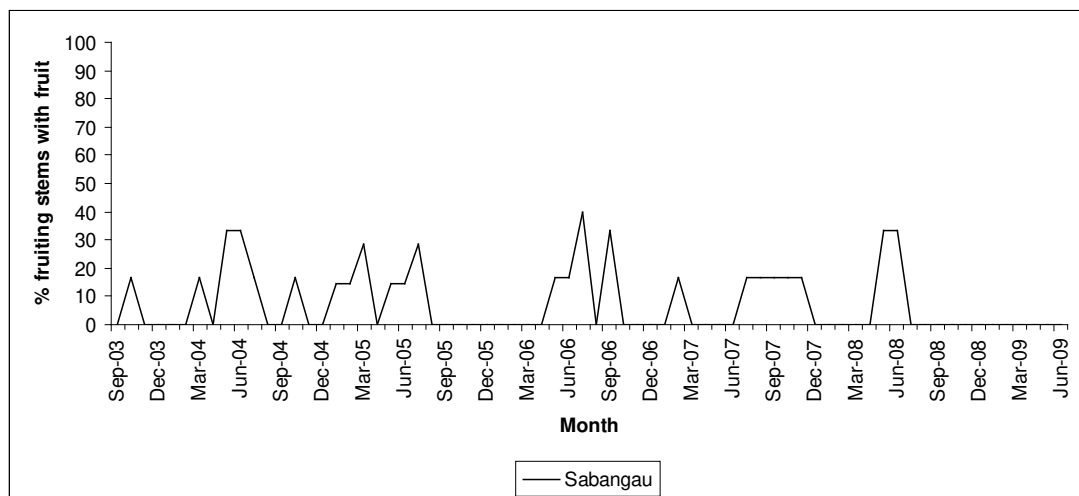
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0.88	0	0	0.88	4.39	18.16	21.26	11.95	15.22	13.57	7.33	1.86
SD SA	2.15	0	0	2.15	7.00	19.34	19.22	18.51	24.35	14.34	10.43	2.88
Mean TU	15.76	5.53	8.89	6.72	6.72	9.80	4.71	12.27	10.43	17.72	25.21	22.27
SD TU	15.74	8.30	13.45	11.08	11.08	10.95	10.52	9.37	9.63	14.03	21.29	19.46

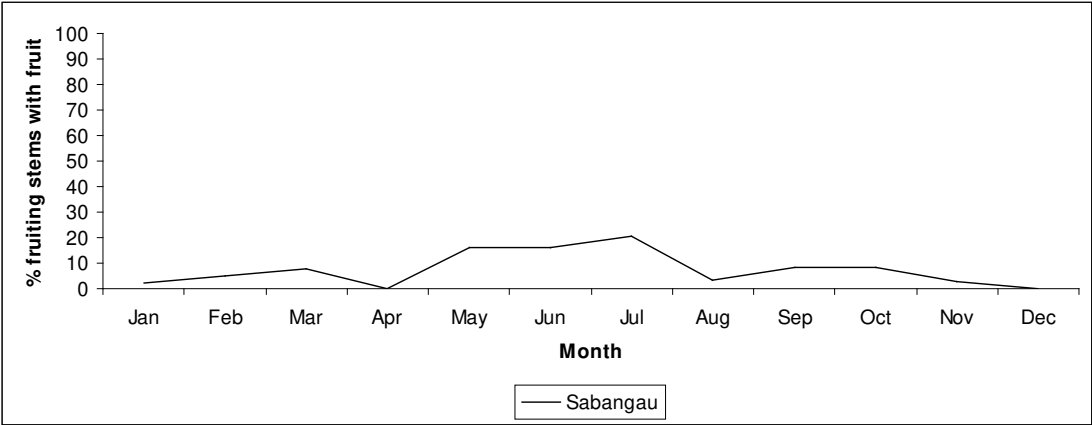
Family: Myrtaceae
Latin Name: *Syzygium sp. 5 cf. Eugenia spicata*
 Local name: Kayu lalas daun kecil / galam tikus (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	10	0
Stem density > 20 cm DBH/ha	2	0
Total number stems sampled	19	0
Total number fruiting stems	7	NA
Percentage of fruiting stems	37	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 67	NA
Minimum DBH bearing fruit (cm)	11	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

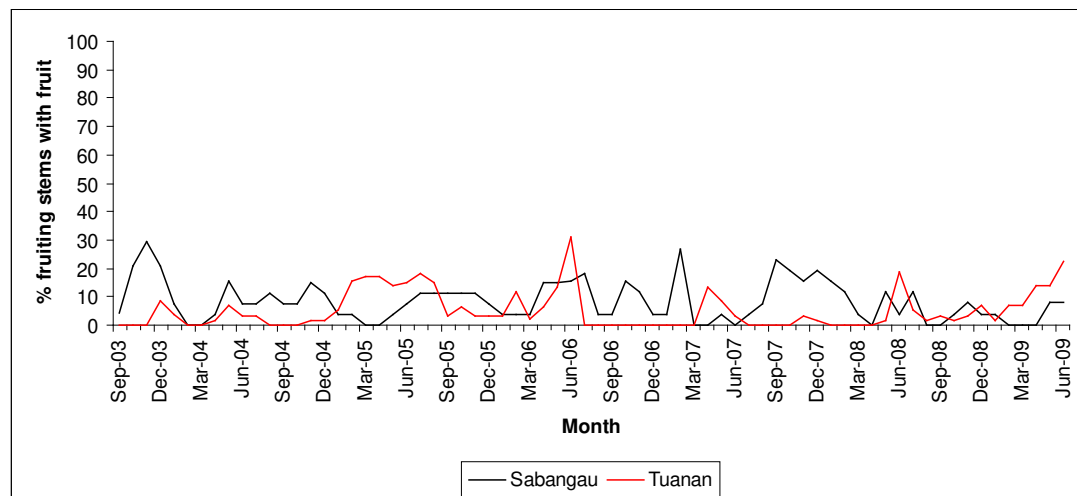
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	2.38	5.16	7.54	0	16.27	16.27	20.38	3.33	8.33	8.33	2.78	0
SD SA	5.83	8.03	12.27	0	14.94	14.94	14.96	7.45	13.94	9.13	6.80	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Myrtaceae
Latin Name: *Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)*
Local name: Jambu / milas spp., kemuning putih (SA), Tatumbu, galam tikus, enyak beruk, tapuhut (TU)

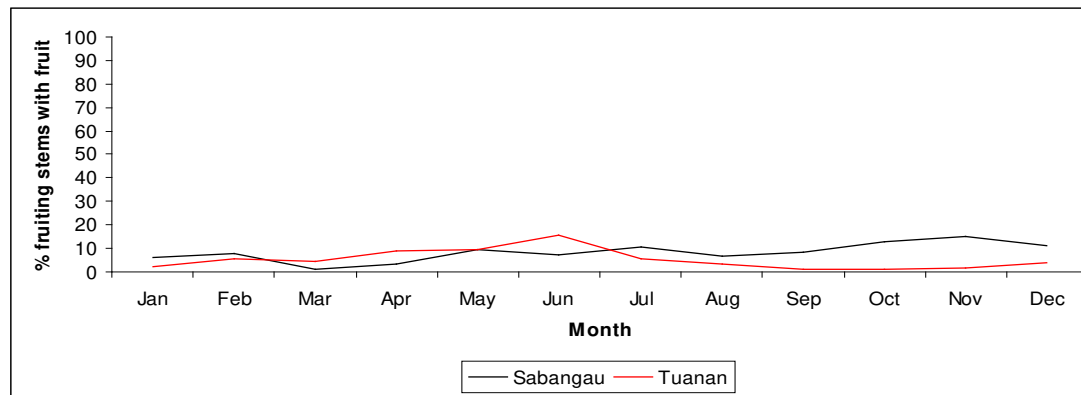
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	47	54
Stem density > 20 cm DBH/ha	7	7
Total number stems sampled	120	107

Total number fruiting stems	27	61
Percentage of fruiting stems	23	57
Minimum / maximum percentage fruiting stems bearing fruit/year	16 / 59	13 / 53
Minimum DBH bearing fruit (cm)	7	10
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



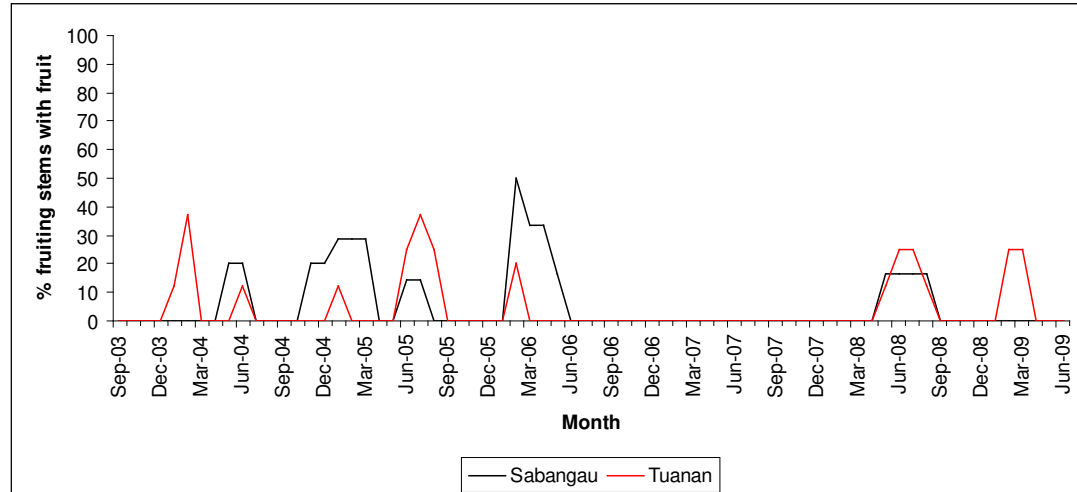
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	6.34	7.64	1.26	3.09	9.55	7.01	10.42	6.75	8.27	12.99	15.00	11.07
SD SA	4.66	10.34	1.95	5.93	5.19	5.11	5.34	4.82	8.16	6.66	7.44	7.45
Mean TU	2.28	5.65	4.39	8.77	9.60	15.62	5.37	3.29	1.11	1.38	1.95	3.68
SD TU	2.08	6.78	6.83	7.06	4.88	10.92	7.57	6.45	1.72	2.63	1.64	3.33

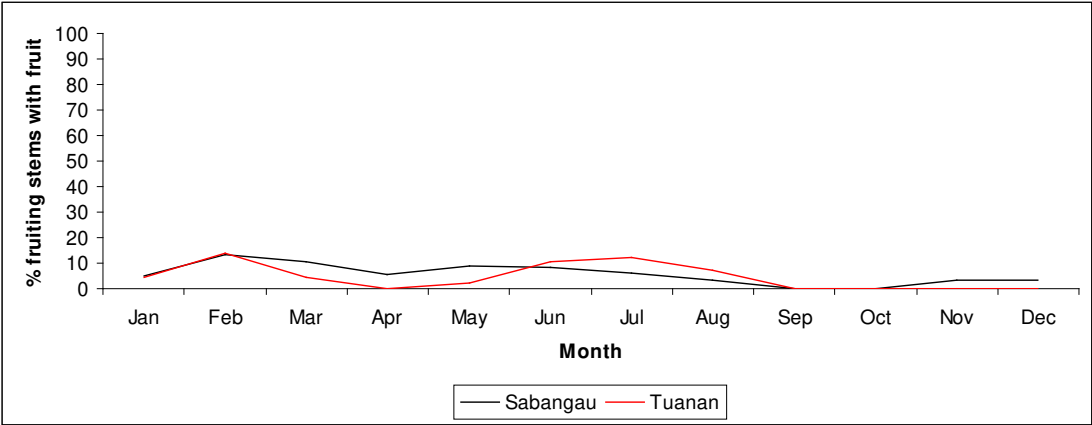
Family: Myrtaceae
Latin Name: *Tristaniopsis spp.*
 Local name: Blawan spp. (SA), balawan spp. (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	10	16
Stem density > 20 cm DBH/ha	1	4
Total number stems sampled	31	31
Total number fruiting stems	7	8
Percentage of fruiting stems	23	26
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 57	0 / 63
Minimum DBH bearing fruit (cm)	12	11
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



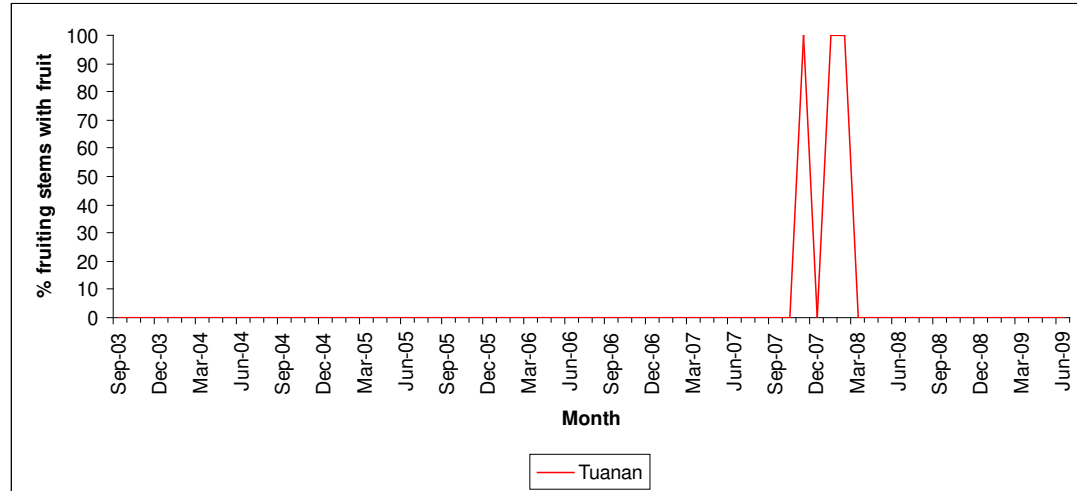
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	4.76	13.10	10.32	5.56	8.89	8.49	6.19	3.33	0	0	3.33	3.33
SD SA	11.66	21.39	16.05	13.61	9.81	9.48	8.52	7.45	0	0	8.16	8.16
Mean TU	4.17	13.75	4.17	0	2.08	10.42	12.50	7.50	0	0	0	0
SD TU	6.45	16.11	10.21	0	5.10	12.29	17.68	11.18	0	0	0	0

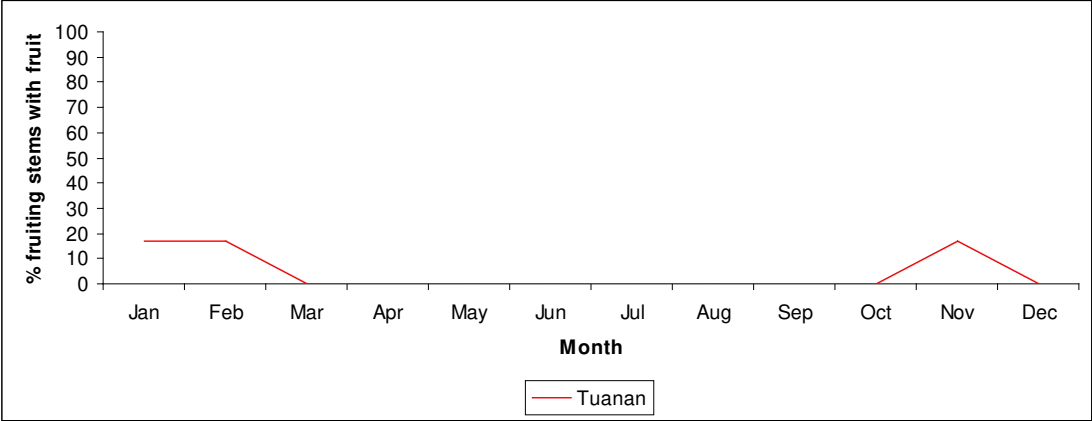
Family: Oxalidaceae
Latin Name: *Sarcotheca spp.*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	2
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	4
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	25
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	22
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	16.67	16.67	0	0	0	0	0	0	0	0	16.67	0
SD TU	40.82	40.82	0	0	0	0	0	0	0	0	40.82	0

Family: Pittosporaceae
Latin Name: *Pittosporum sp. 1*
 Local name: Prupuk tulang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	7	0
Stem density > 20 cm DBH/ha	1	0
Total number stems sampled	10	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

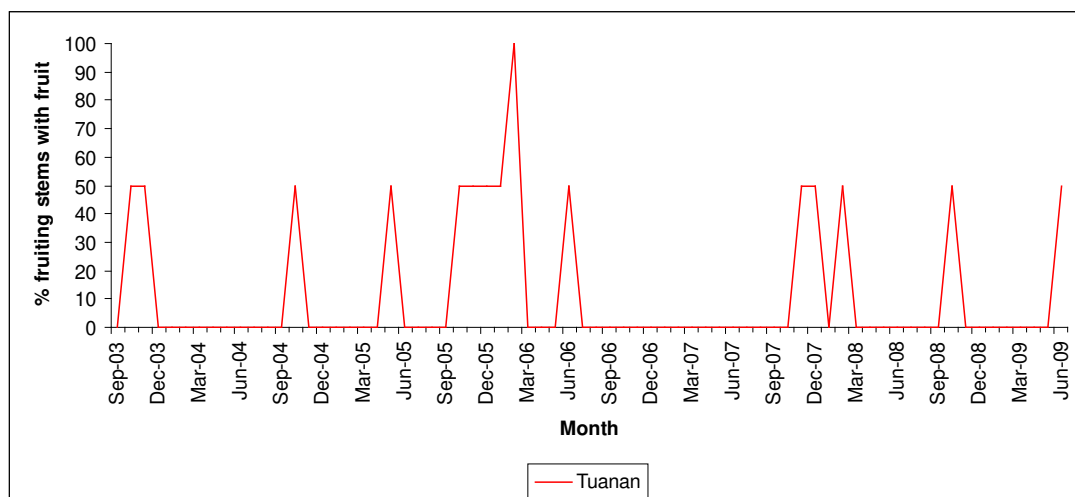
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

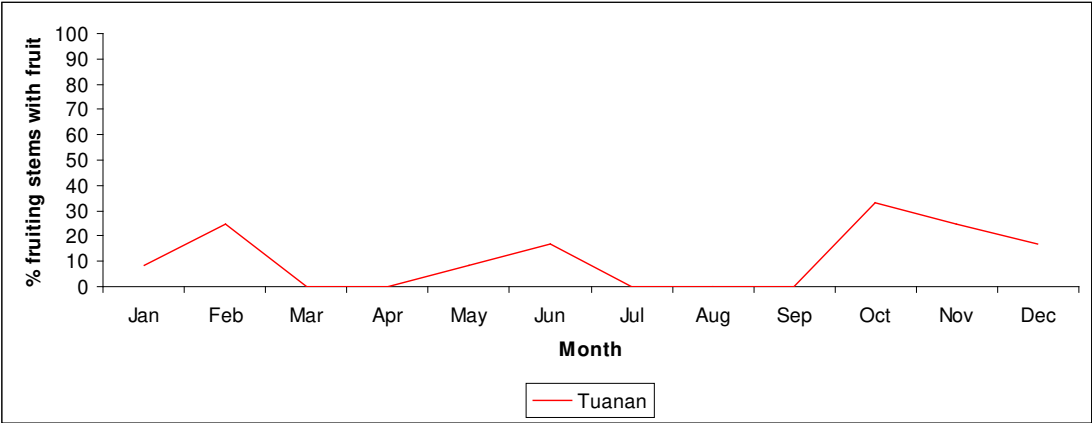
Family: Rhizophoraceae
Latin Name: *Carallia sp. 1*
 Local name: Papar buwu (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	2
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	8.33	25.00	0	0	8.33	16.67	0	0	0	33.33	25.00	16.67
SD TU	20.41	41.83	0	0	20.41	25.82	0	0	0	25.82	27.39	25.82

Family: Rhizophoraceae
Latin Name: *Carallia sp. 2*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Rhizophoraceae
Latin Name: *Gynotroches sp. 1*
 Local name: Kelumun sp. (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

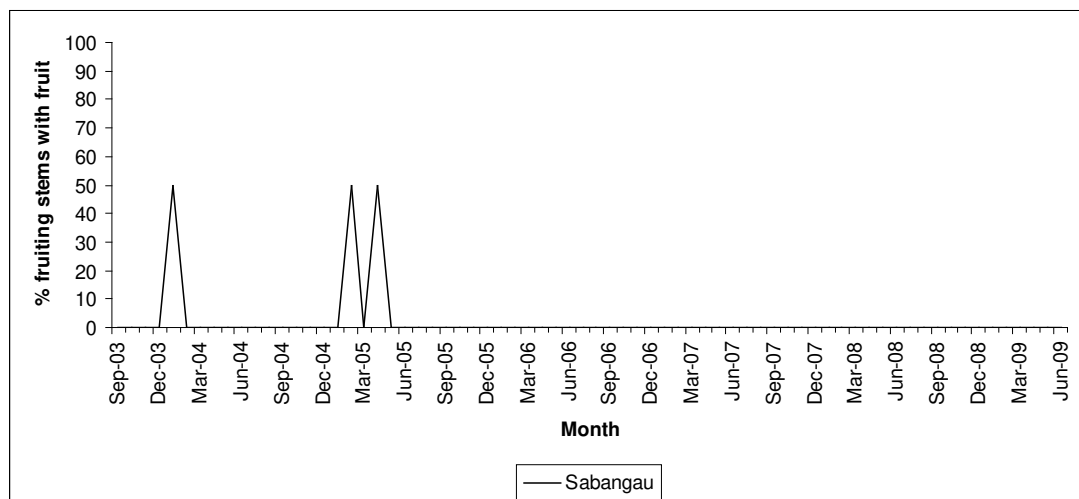
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

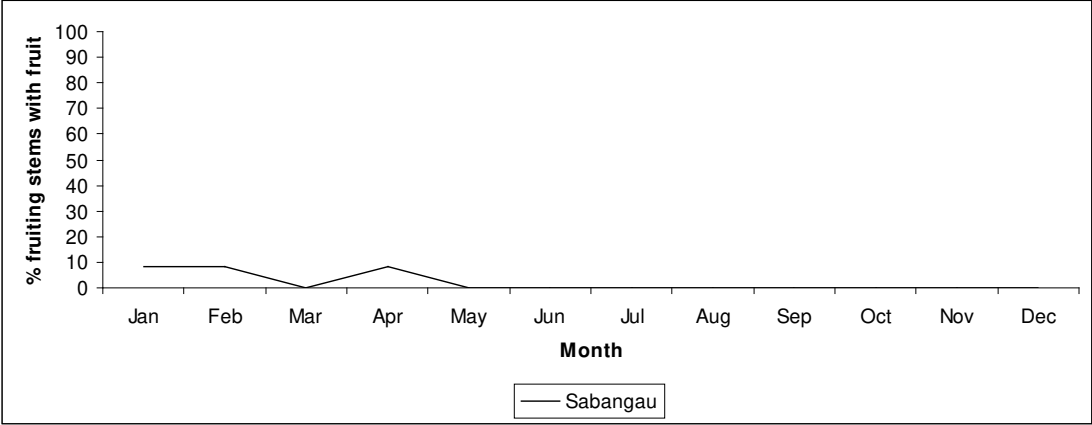
Family: Rubiaceae
Latin Name: *Canthium dydimum*
 Local name: Kopi-kopi (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	2	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	100	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	8	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	8.33	0	8.33	0	0	0	0	0	0	0	0
SD SA	20.41	20.41	0	20.41	0	0	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Rubiaceae
Latin Name: *Gardenia tubifera*
 Local name: Saluang belum (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

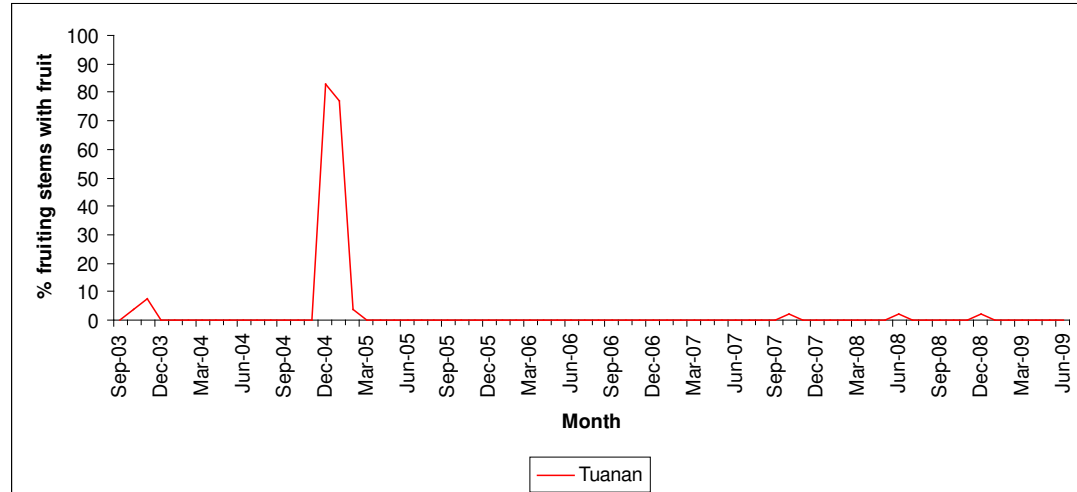
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

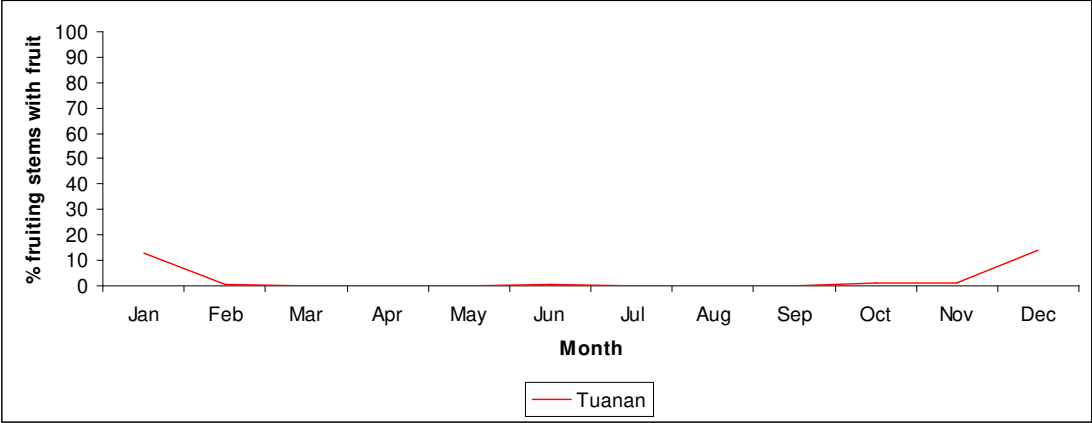
Family: Rubiaceae
Latin Name: *Mussaendopsis beccarianum*
 Local name: No local name (SA), kayu lalas (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	70
Stem density > 20 cm DBH/ha	< 1	28
Total number stems sampled	0	139
Total number fruiting stems	NA	53
Percentage of fruiting stems	NA	38
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 94
Minimum DBH bearing fruit (cm)	NA	11
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



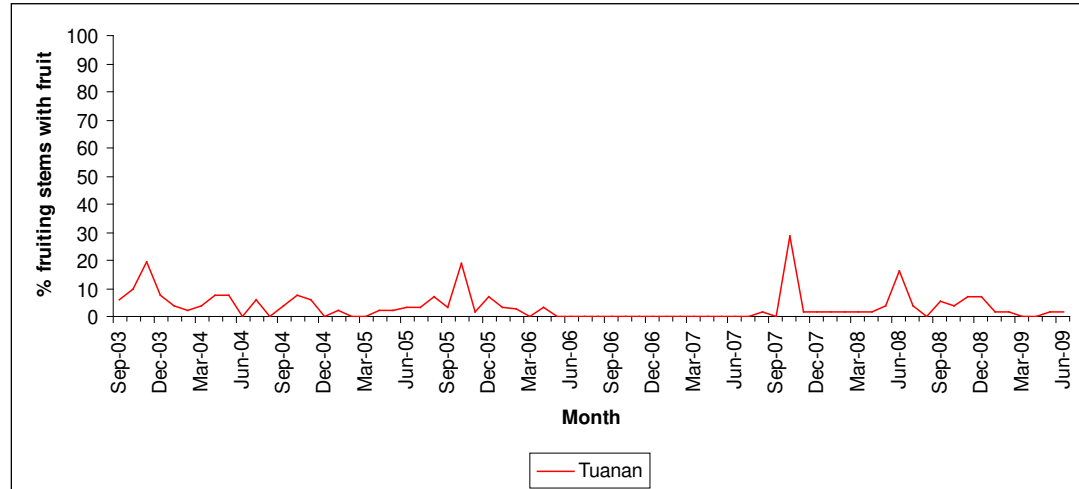
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	12.82	0.64	0	0	0	0.33	0	0	0	0.96	1.28	14.11
SD TU	31.40	1.57	0	0	0	0.80	0	0	0	1.61	3.14	33.61

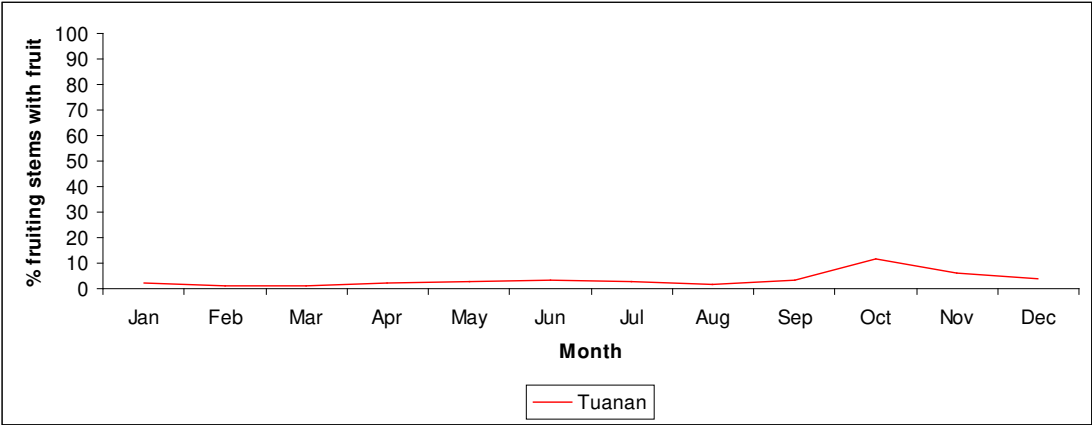
Family: Rutaceae
Latin Name: *Acronychia pedunculata*
 Local name: Rambangon (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	53
Stem density > 20 cm DBH/ha	0	3
Total number stems sampled	0	105
Total number fruiting stems	NA	58
Percentage of fruiting stems	NA	55
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	2 / 50
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



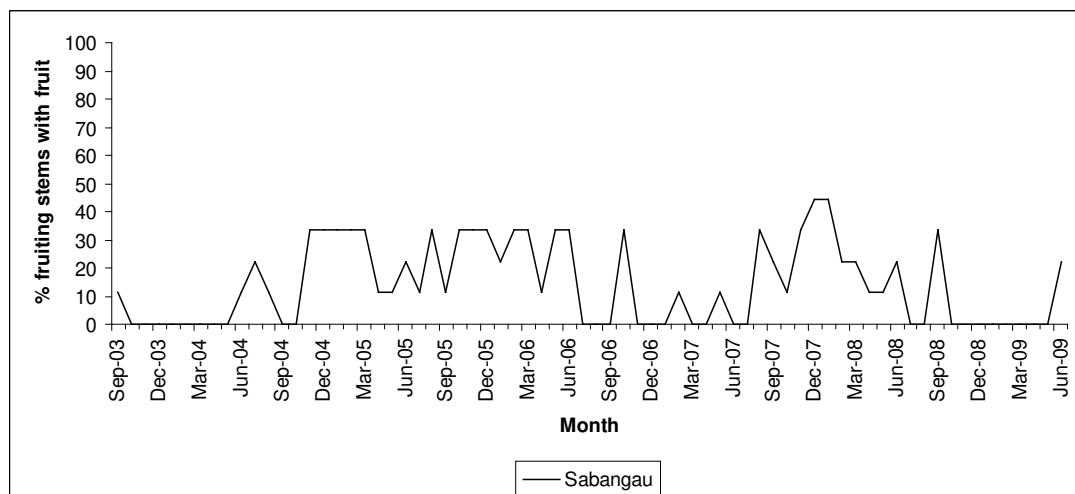
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	2.14	1.35	0.94	2.48	2.52	3.61	2.57	1.73	3.09	11.41	5.96	3.94
SD TU	1.38	1.08	1.59	2.87	2.88	6.40	2.52	2.99	2.55	10.58	7.05	3.73

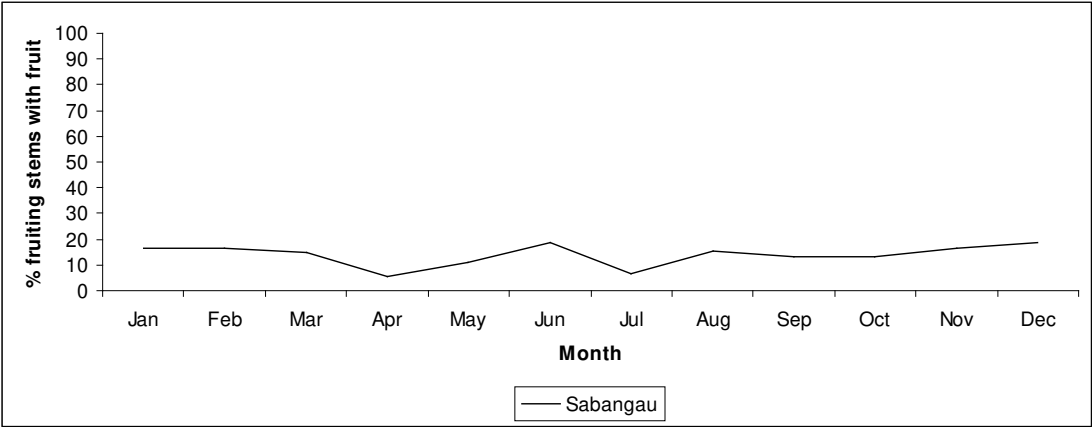
Family: Rutaceae
Latin Name: *Tetractomia tetrandra*
 Local name: Rambangun (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	12	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	42	0
Total number fruiting stems	9	NA
Percentage of fruiting stems	21	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	33 / 67	NA
Minimum DBH bearing fruit (cm)	6	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	16.67	14.81	5.56	11.11	18.52	6.67	15.56	12.96	12.96	16.67	18.52
SD SA	19.56	15.32	16.73	6.09	12.17	11.48	9.94	16.85	12.99	16.36	18.26	20.69
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Sapindaceae
Latin Name: *cf. Cubilia cubili*
 Local name: Kahasuhuy (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

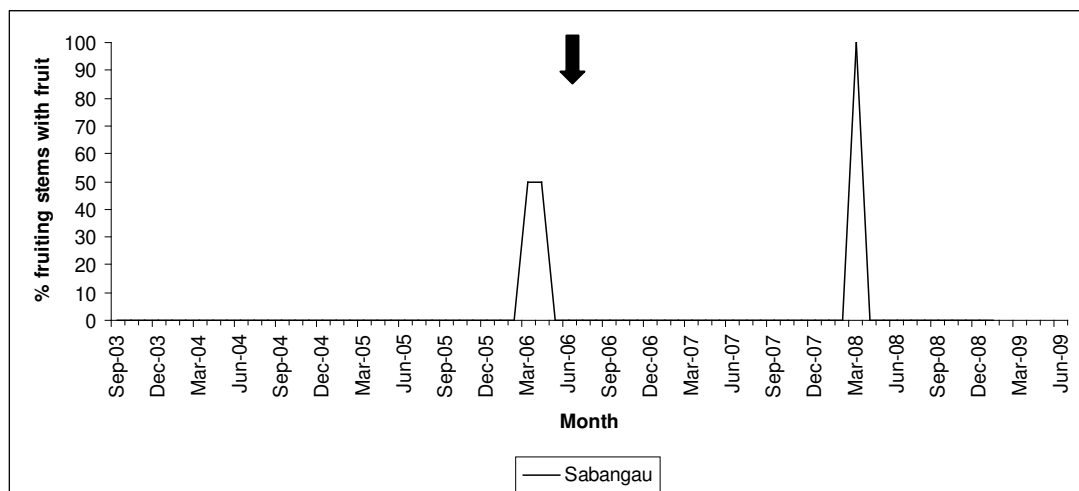
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

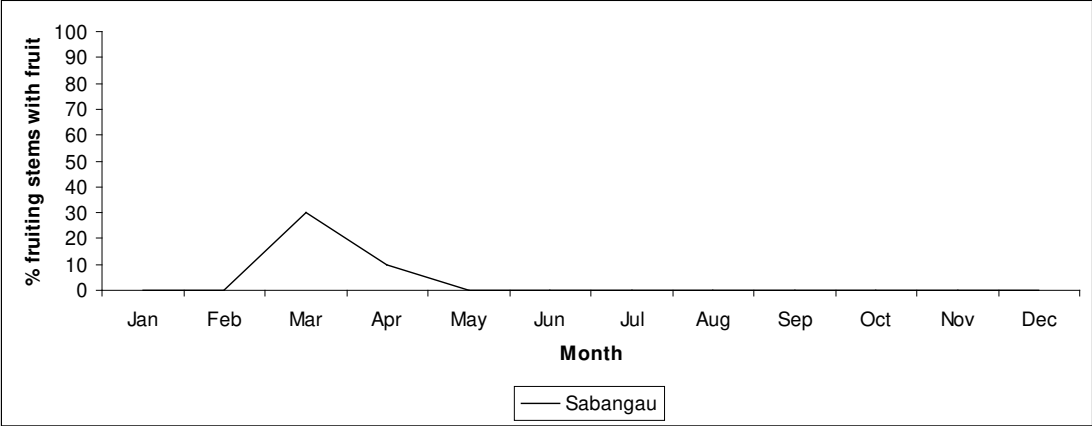
Family: Sapindaceae
Latin Name: *Nephellium lappaceum*
 Local name: Rambutan hutan (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	12	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	17	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 50	NA
Minimum DBH bearing fruit (cm)	7	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



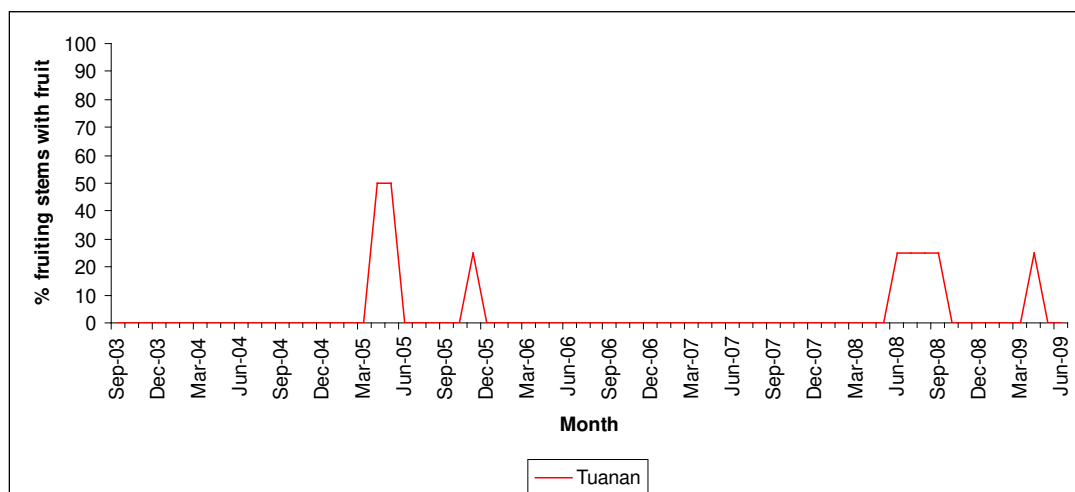
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	30.00	10.00	0	0	0	0	0	0	0	0
SD SA	0	0	44.72	22.36	0	0	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

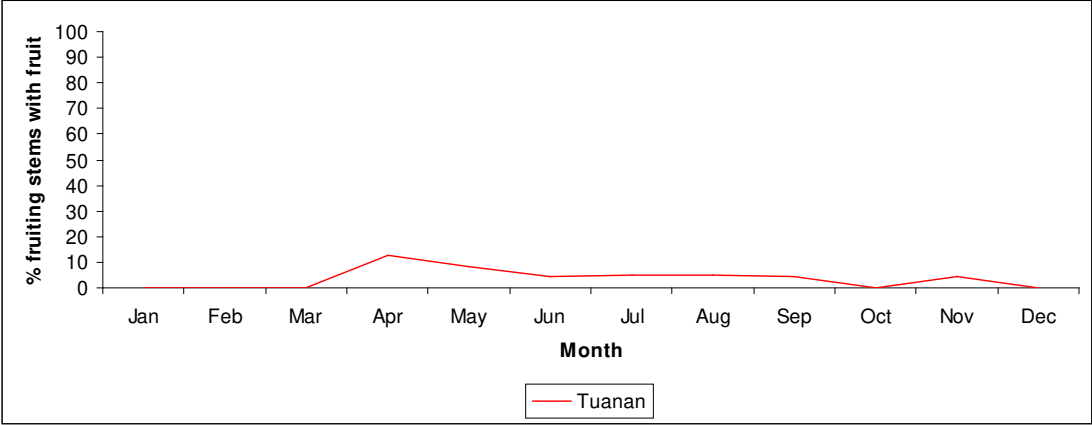
Family: Sapindaceae
Latin Name: *Nephellium maingayi*
 Local name: Kelumun buhis (SA), piais (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	10
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	7	19
Total number fruiting stems	0	4
Percentage of fruiting stems	0	21
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 50
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	Never fruited	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	0	12.50	8.33	4.17	5.00	5.00	4.17	0	4.17	0
SD TU	0	0	0	20.92	20.41	10.21	11.18	11.18	10.21	0	10.21	0

Family: Sapindaceae
Latin Name: *Nephellium sp. 1*
 Local name: Kaaja (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Sapindaceae
Latin Name: *Pornetia pinnata*
 Local name: Takasai (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	2
Total number fruiting stems	NA	0
Percentage of fruiting stems	NA	0
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	NA	Never fruited

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

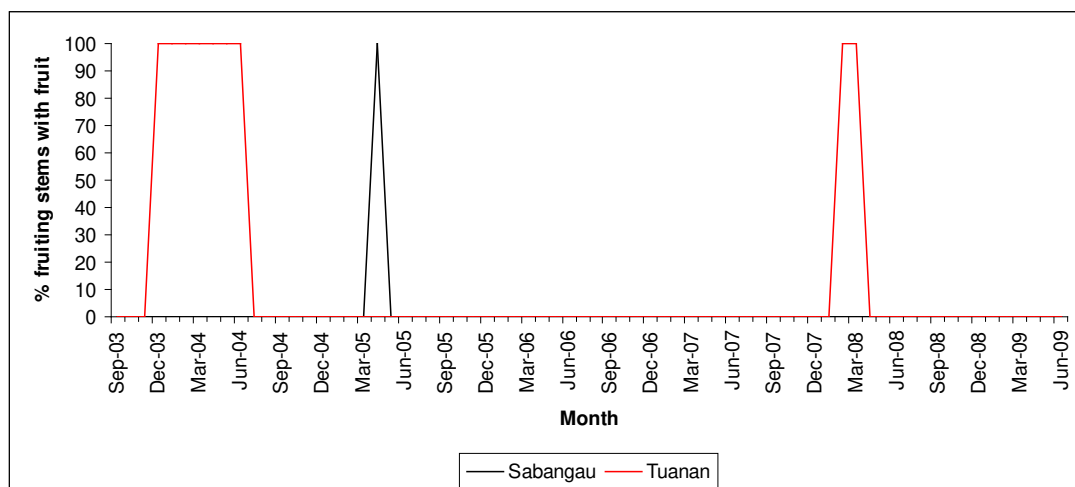
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

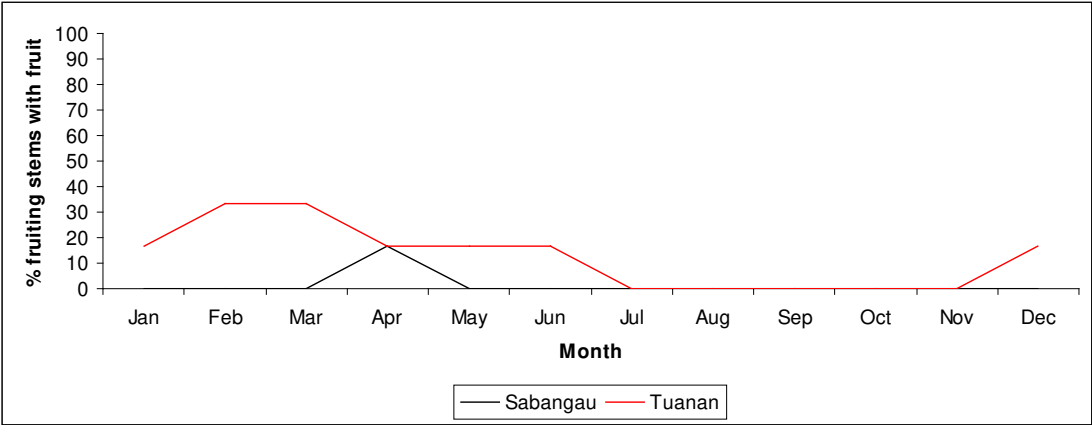
Family: Sapindaceae
Latin Name: *Xerospermum laevigatum* / *noronhianum*
 Local name: Kelumun bakei (SA), damon (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	1
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	9	2
Total number fruiting stems	1	1
Percentage of fruiting stems	11	50
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	0 / 100
Minimum DBH bearing fruit (cm)	7	12
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

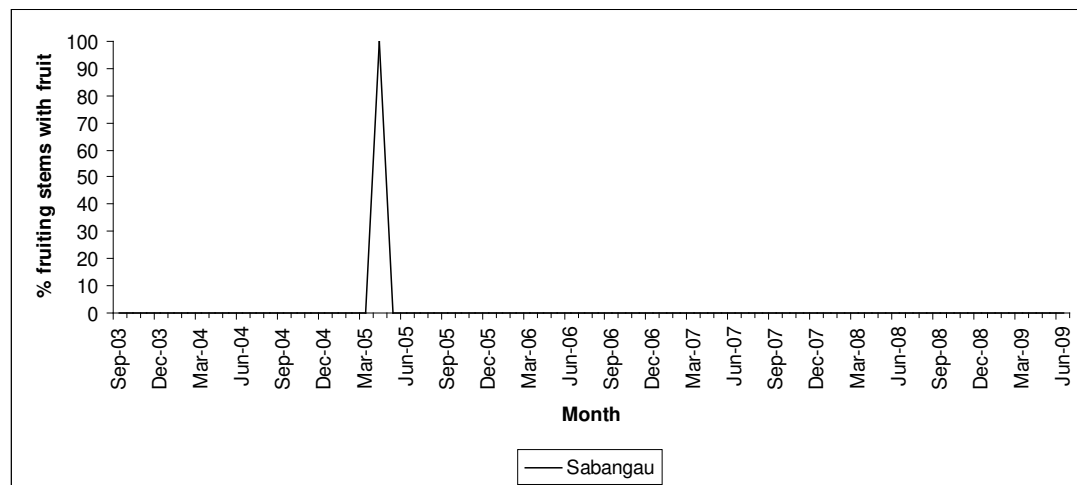
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	16.67	0	0	0	0	0	0	0	0
SD SA	0	0	0	40.82	0	0	0	0	0	0	0	0
Mean TU	16.67	33.33	33.33	16.67	16.67	16.67	0	0	0	0	0	16.67
SD TU	40.82	51.64	51.64	40.82	40.82	40.82	0	0	0	0	0	40.82

Family: Sapotaceae
Latin Name: *Isonandra lanceolata*
Local name: Nyatoh palanduk daun kecil (SA)

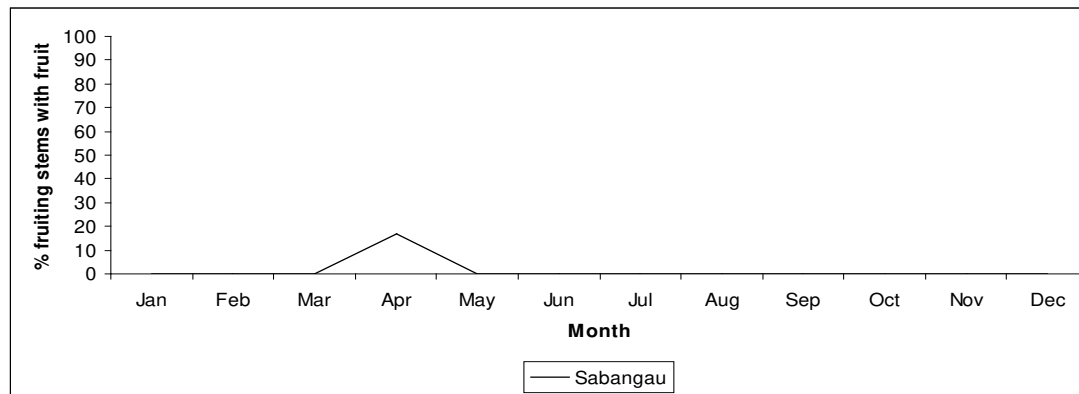
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	4	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0

Total number fruiting stems	1	NA
Percentage of fruiting stems	25	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	13	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	0	16.67	0	0	0	0	0	0	0	0
SD SA	0	0	0	40.82	0	0	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Sapotaceae

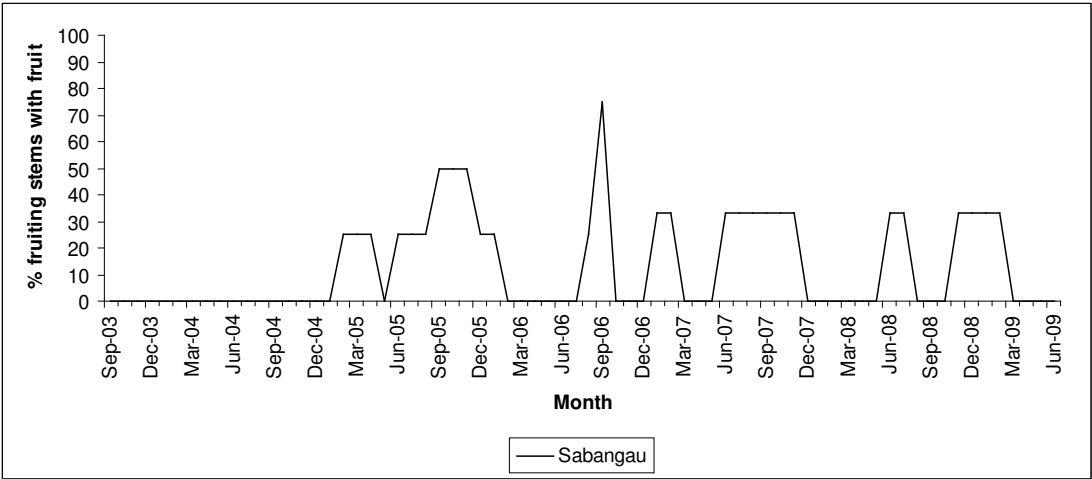
Latin Name: *Isonandra sp. 1*

Local name: Nyatoh palanduk daun besar (SA)

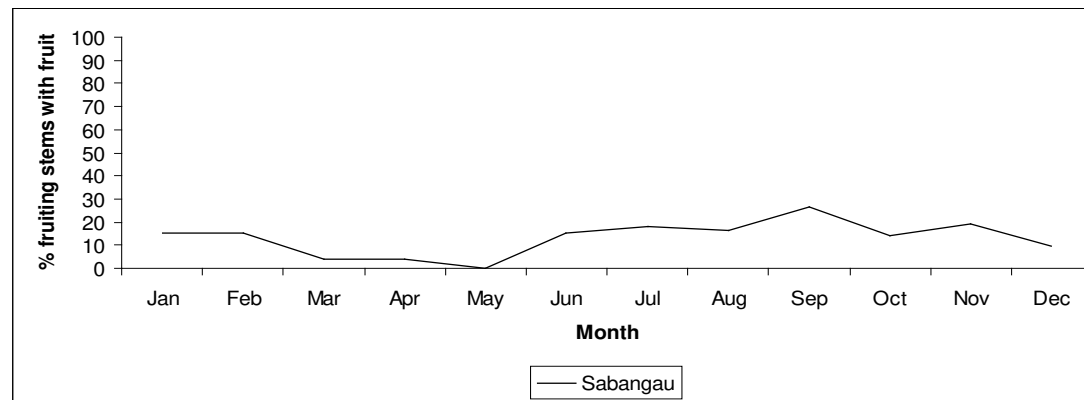
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	4	NA
Percentage of fruiting stems	100	NA
Minimum / maximum percentage fruiting stems	0 / 100	NA

bearing fruit/year		
Minimum DBH bearing fruit (cm)	25	NA
Fruiting regularity category	Regular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



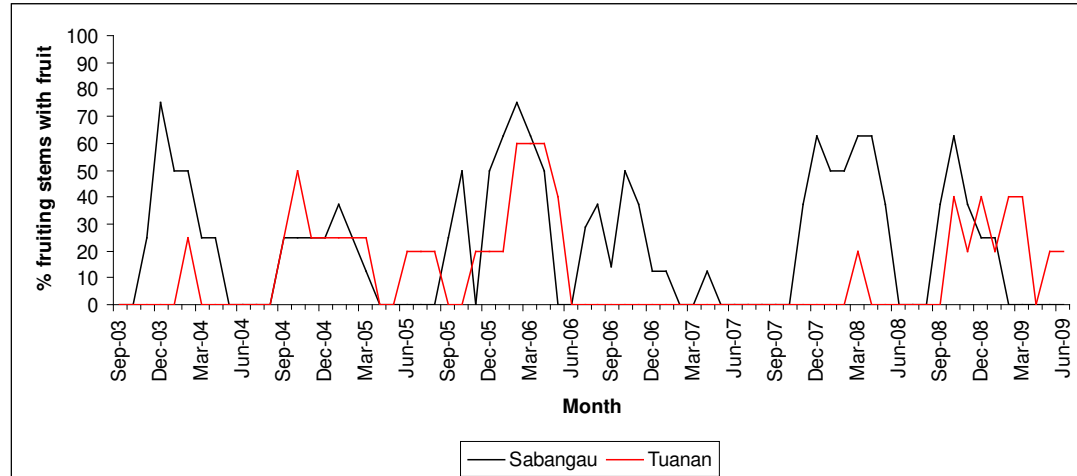
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	15.28	15.28	4.17	4.17	0	15.28	18.33	16.67	26.39	13.89	19.44	9.72
SD SA	17.01	17.01	10.21	10.21	0	17.01	17.08	15.59	31.81	22.15	22.15	15.29
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

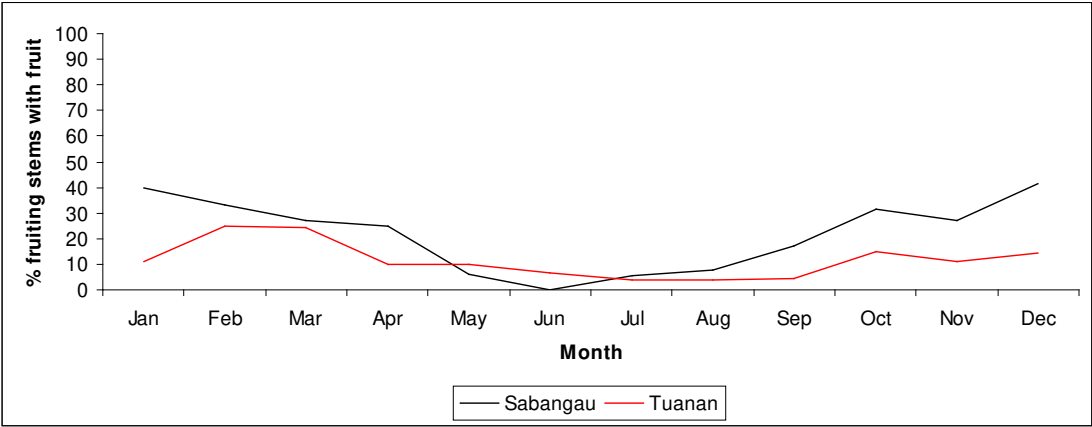
Family: Sapotaceae
Latin Name: *Madhuca mottleyana*
 Local name: Katiau (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	9	4
Stem density > 20 cm DBH/ha	2	3
Total number stems sampled	18	8
Total number fruiting stems	8	5
Percentage of fruiting stems	44	63
Minimum / maximum percentage fruiting stems bearing fruit/year	38 / 88	0 / 80
Minimum DBH bearing fruit (cm)	20	11
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



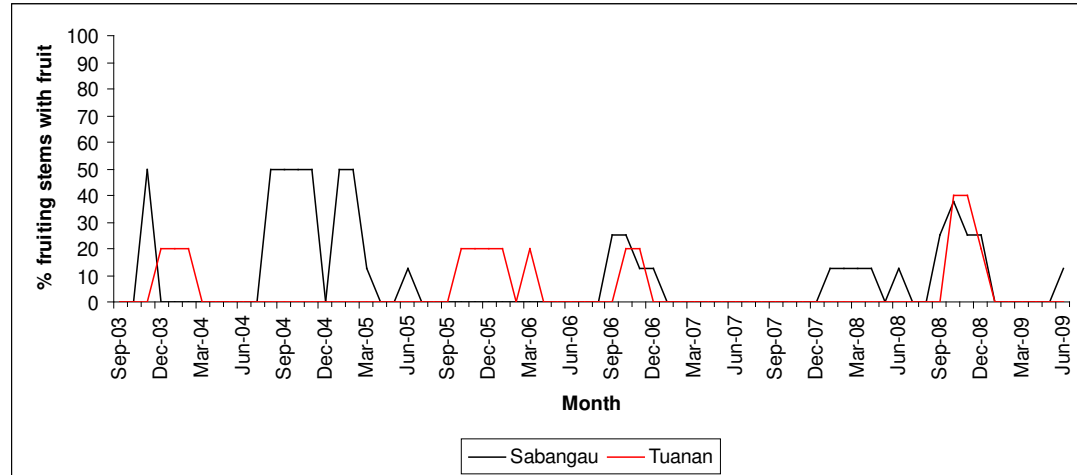
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	39.58	33.33	27.08	25.00	6.25	0	5.71	7.50	16.96	31.25	27.08	41.67
SD SA	18.40	30.28	28.96	26.22	15.31	0	12.78	16.77	15.06	27.10	14.61	24.58
Mean TU	10.83	25.00	24.17	10.00	10.00	6.67	4.00	4.00	4.17	15.00	10.83	14.17
SD TU	12.01	23.24	23.33	24.49	16.73	10.33	8.94	8.94	10.21	23.45	12.01	16.86

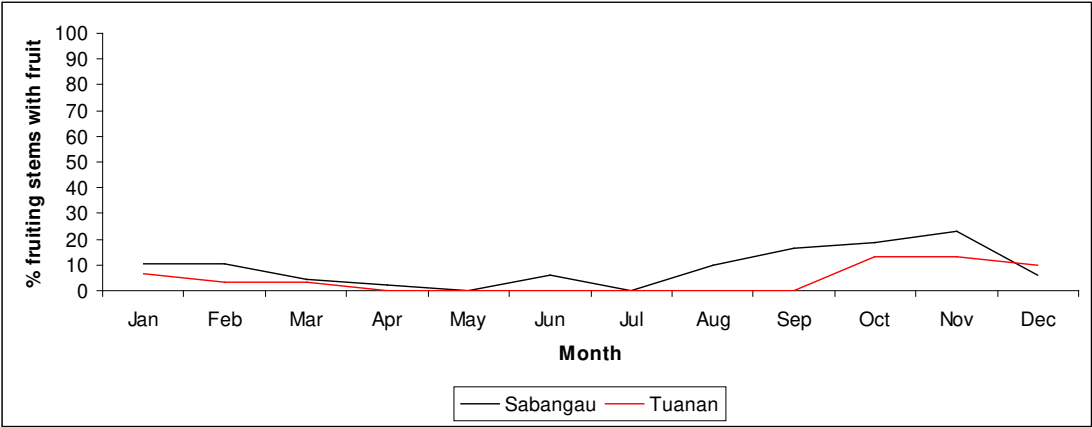
Family: Sapotaceae
Latin Name: *Palaquium coclearifolium*
 Local name: Nyatoh gases (SA), nyatoh undus daun besar (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	7
Stem density > 20 cm DBH/ha	< 1	2
Total number stems sampled	18	13
Total number fruiting stems	8	5
Percentage of fruiting stems	44	38
Minimum / maximum percentage fruiting stems bearing fruit/year	25 / 100	0 / 50
Minimum DBH bearing fruit (cm)	10	17
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



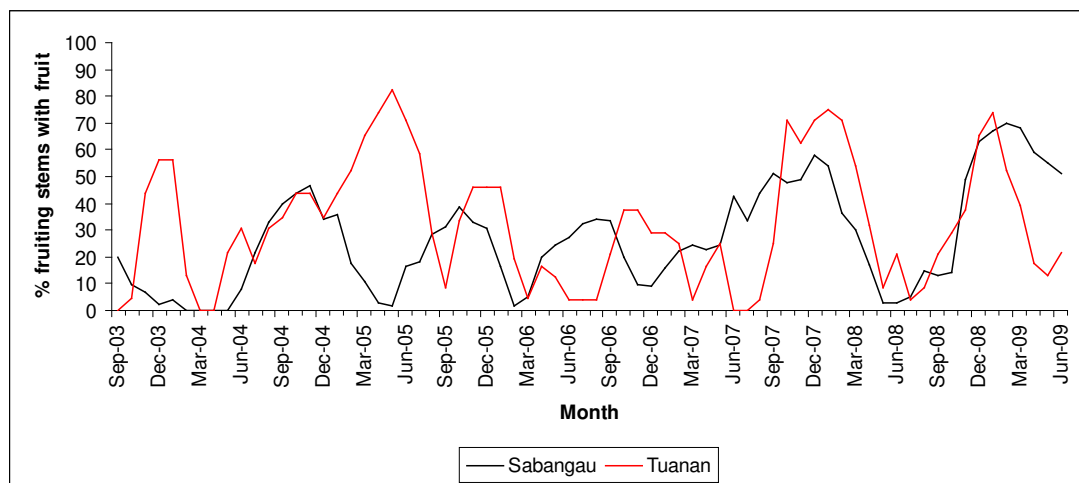
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	10.42	10.42	4.17	2.08	0	6.25	0	10.00	16.67	18.75	22.92	6.25
SD SA	20.03	20.03	6.45	5.10	0	6.85	0	22.36	20.41	22.01	22.94	10.46
Mean TU	6.67	3.33	3.33	0	0	0	0	0	0	13.33	13.33	10.00
SD TU	10.33	8.16	8.16	0	0	0	0	0	0	16.33	16.33	10.95

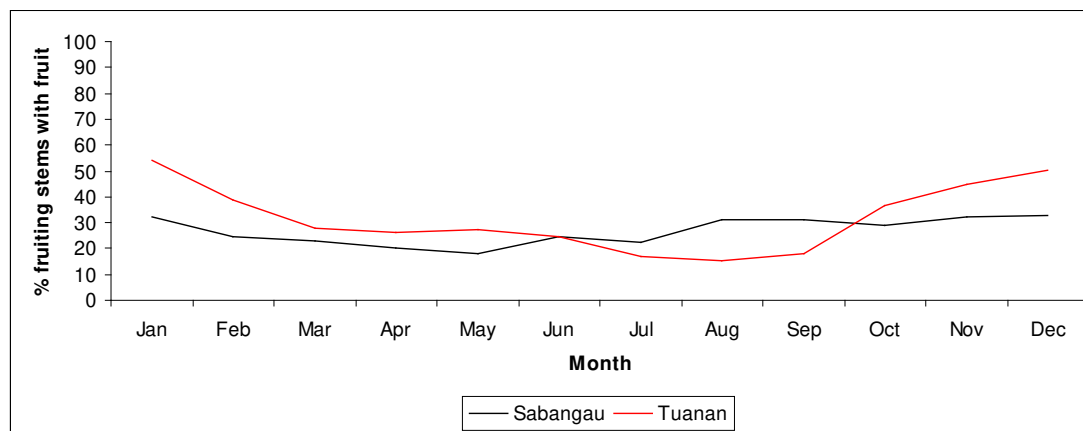
Family: Sapotaceae
Latin Name: *Palaquium leiocarpum*
 Local name: Hangkang (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	127	15
Stem density > 20 cm DBH/ha	32	10
Total number stems sampled	293	30
Total number fruiting stems	101	24
Percentage of fruiting stems	34	80
Minimum / maximum percentage fruiting stems bearing fruit/year	51 / 87	48 / 92
Minimum DBH bearing fruit (cm)	6 / 20*	10
Fruiting regularity category	Frequent	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	32.19	24.63	22.97	20.16	18.16	24.76	22.16	30.90	31.33	28.92	32.36	32.83
SD SA	24.56	25.99	24.83	21.11	21.26	19.25	11.67	10.58	13.66	16.56	19.52	24.71
Mean TU	53.99	38.71	27.91	26.08	27.20	24.67	16.81	15.25	18.30	36.44	45.05	50.39
SD TU	18.10	22.93	28.59	25.51	27.85	25.36	24.12	13.40	12.36	21.57	9.21	16.67

Family: Sapotaceae

Latin Name: *Palaquium pseudorostratum*

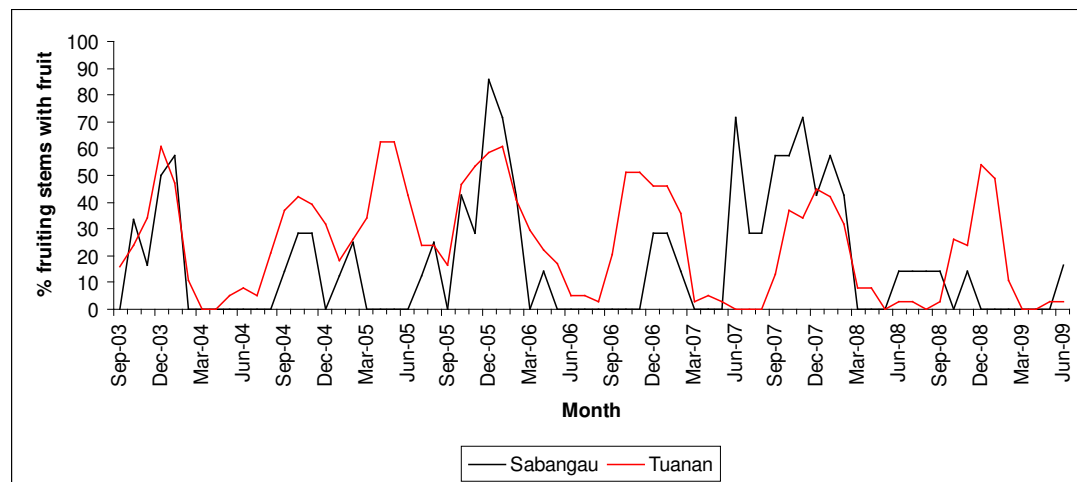
Local name: Nyatoh babi (SA), nyatoh puntik (TU)

* Minimum DBH producing fruit 6 cm, but of 1,880 observations of fruiting in this species, 1,835 (98%) were in trees over 20 cm DBH

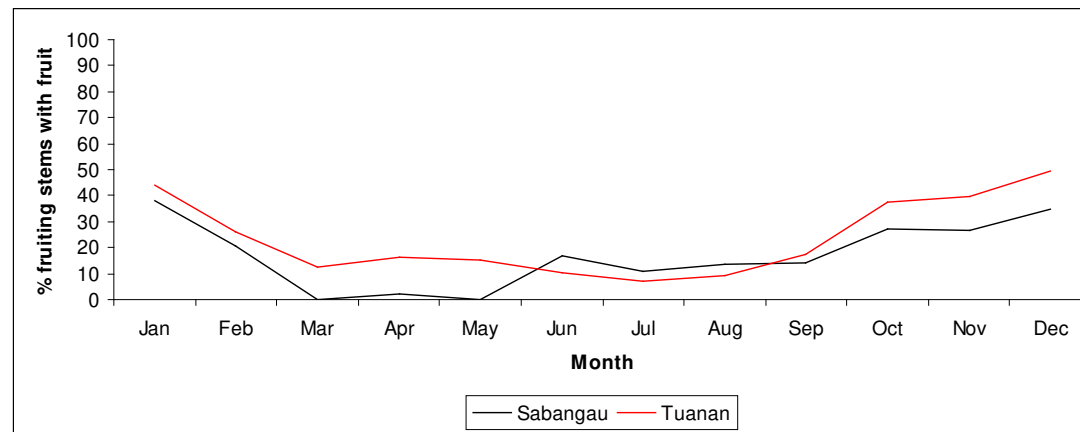
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	17	34
Stem density > 20 cm DBH/ha	2	11
Total number stems sampled	31	67

Total number fruiting stems	7	42
Percentage of fruiting stems	23	63
Minimum / maximum percentage fruiting stems bearing fruit/year	43 / 100	59 / 82
Minimum DBH bearing fruit (cm)	10	10
Fruiting regularity category	Frequent	Frequent

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



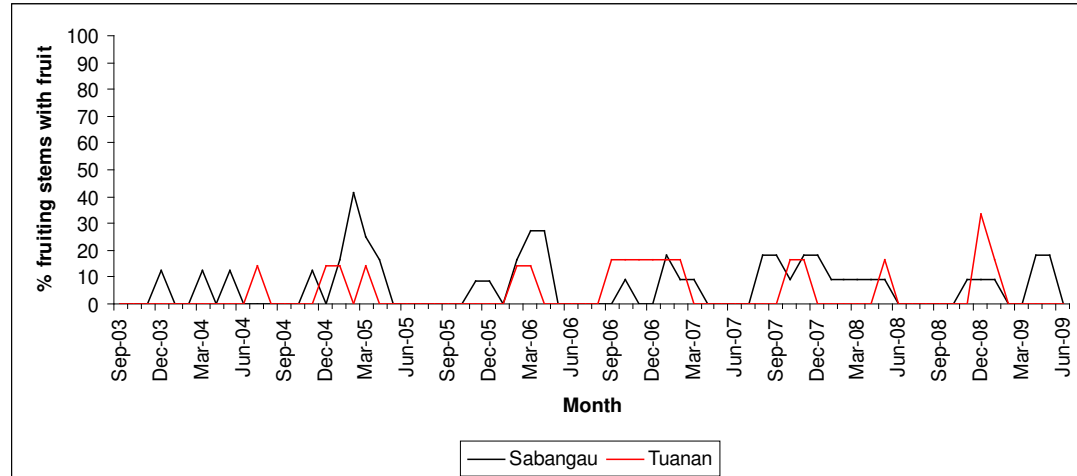
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	37.80	20.83	0	2.38	0	17.06	11.07	13.57	14.29	26.98	26.59	34.52
SD SA	28.40	19.49	0	5.83	0	27.70	11.87	13.46	22.13	23.07	24.39	32.71
Mean TU	43.95	25.98	12.38	16.25	15.03	10.17	7.32	9.49	17.60	37.76	39.42	49.26
SD TU	14.03	12.78	15.47	24.05	24.02	16.23	9.46	11.90	11.20	11.00	11.36	10.76

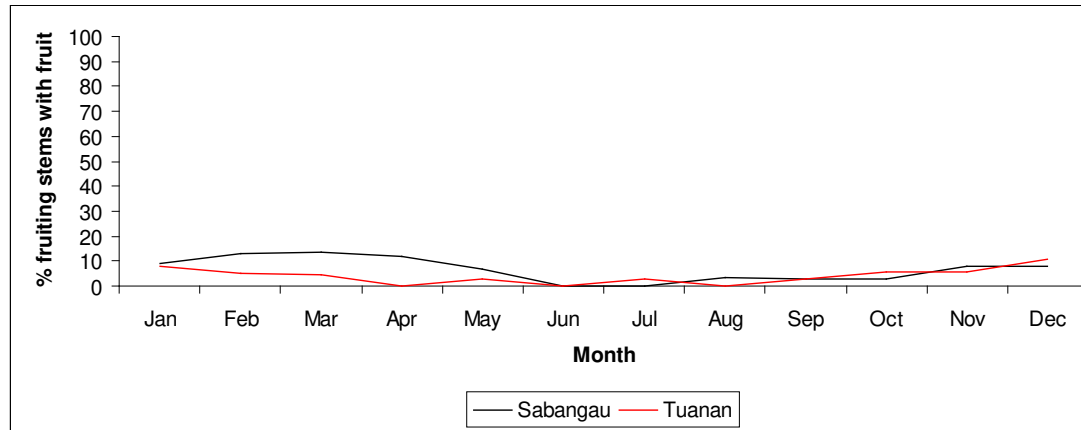
Family: Sapotaceae
Latin Name: *Palaquium ridleyi* / cf. *xanthochymum*
 Local name: Nyatoh burung (SA), nyatoh undus buah merah (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	14	11
Stem density > 20 cm DBH/ha	5	3
Total number stems sampled	7	21
Total number fruiting stems	3	7
Percentage of fruiting stems	43	33
Minimum / maximum percentage fruiting stems bearing fruit/year	25 / 67	13 / 43
Minimum DBH bearing fruit (cm)	15	13
Fruiting regularity category	Regular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.84	12.75	13.83	11.87	6.63	0	0	3.64	3.03	3.03	8.02	8.02
SD SA	7.81	15.51	10.43	10.86	7.82	0	0	8.13	7.42	4.69	7.12	7.12
Mean TU	7.94	5.16	4.76	0	2.78	0	2.86	0	2.78	5.56	5.56	10.71
SD TU	8.74	8.03	7.38	0	6.80	0	6.39	0	6.80	8.61	8.61	13.45

Family: Sapotaceae

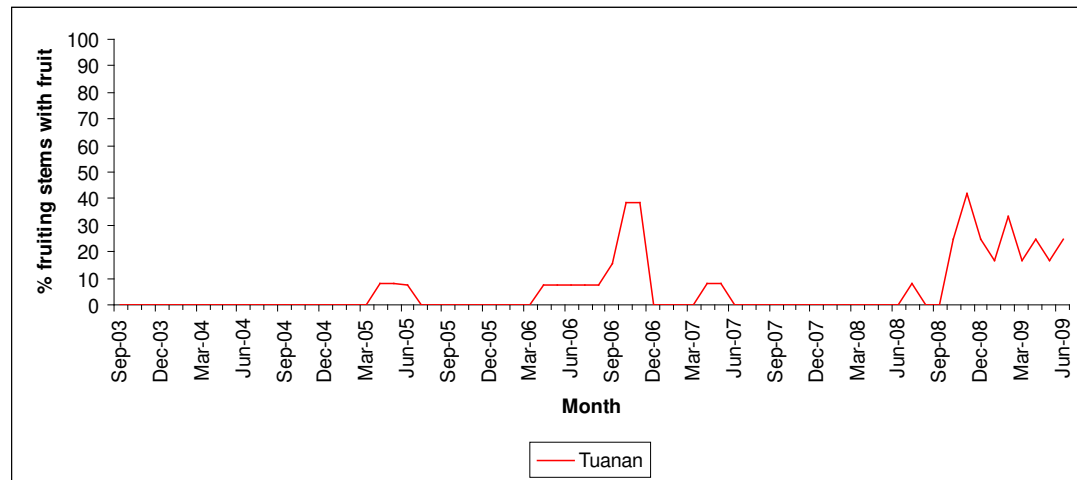
Latin Name: *Payena leerii*

Local name: Nyatoh undus daun ujung (TU)

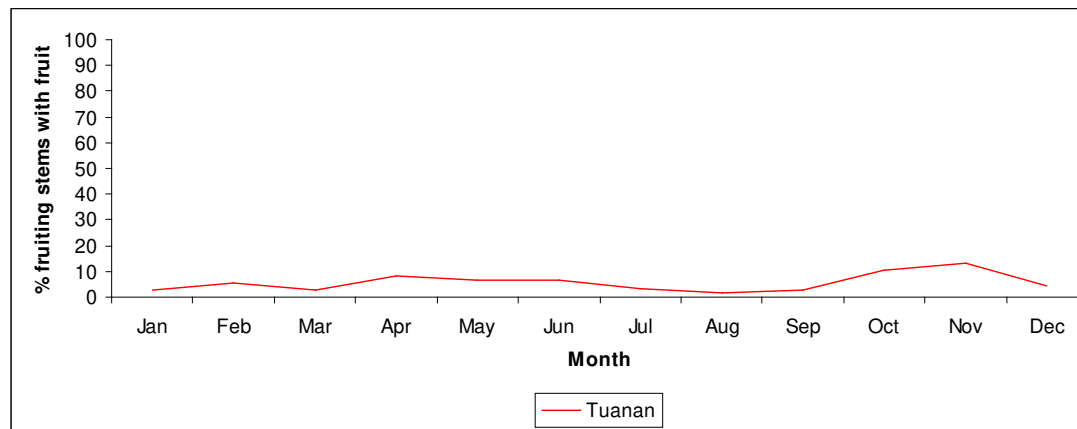
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	11
Stem density > 20 cm DBH/ha	0	2
Total number stems sampled	0	21

Total number fruiting stems	NA	13
Percentage of fruiting stems	NA	62
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 75
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



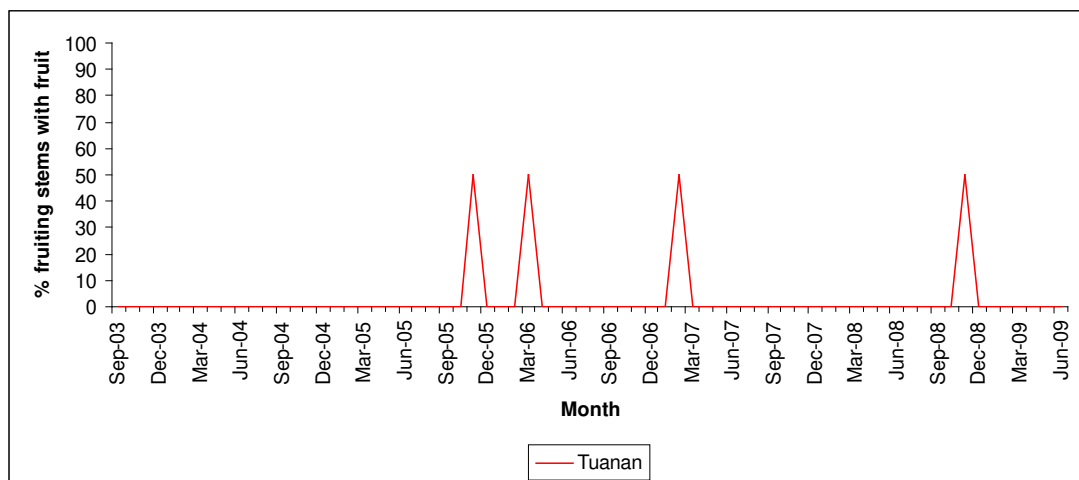
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	2.78	5.56	2.78	8.23	6.84	6.73	3.21	1.54	2.56	10.58	13.35	4.17
SD TU	6.80	13.61	6.80	9.13	6.25	9.71	4.39	3.44	6.28	16.93	20.71	10.21

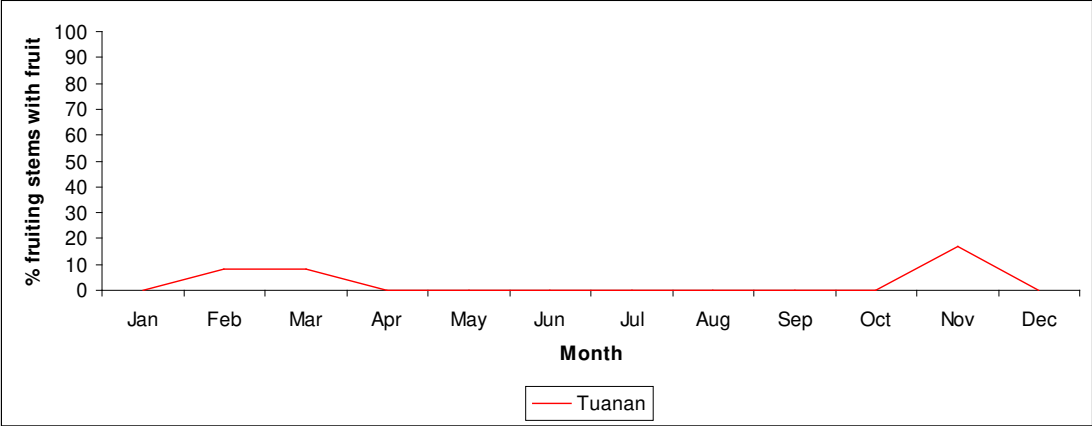
Family: Sapotaceae
Latin Name: *Pouteria cf. malaccensis*
 Local name: Lewang (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	3
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	5
Total number fruiting stems	NA	2
Percentage of fruiting stems	NA	40
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	10
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	8.33	8.33	0	0	0	0	0	0	0	16.67	0
SD TU	0	20.41	20.41	0	0	0	0	0	0	0	25.82	0

Family: Simaroubaceae
Latin Name: *Quassia borneensis*
 Local name: Kayu takang (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Sterculiaceae
Latin Name: *Sterculia rhoidifolia*
 Local name: Loting (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	2	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

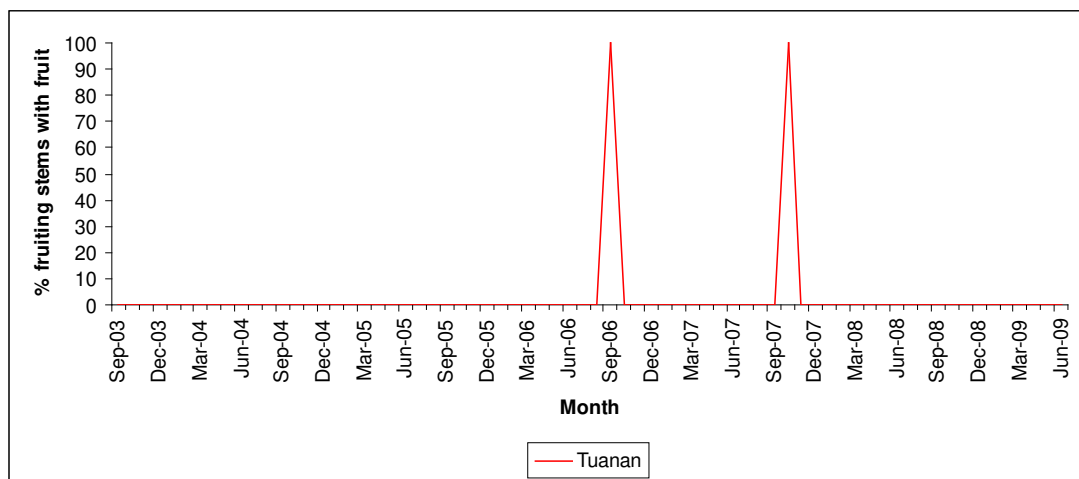
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

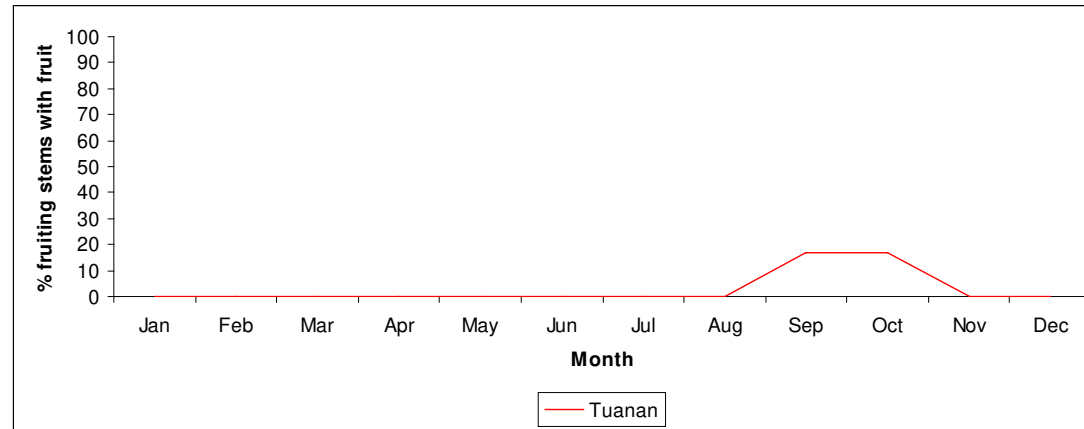
Family: Sterculiaceae
Latin Name: *Sterculia sp.*
 Local name: Pendo (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	16
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	0	0	0	0	0	0	16.67	16.67	0	0
SD TU	0	0	0	0	0	0	0	0	40.82	40.82	0	0

Family: Sterculiaceae
Latin Name: *Sterculia sp. 1*
 Local name: Galaga (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	1	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

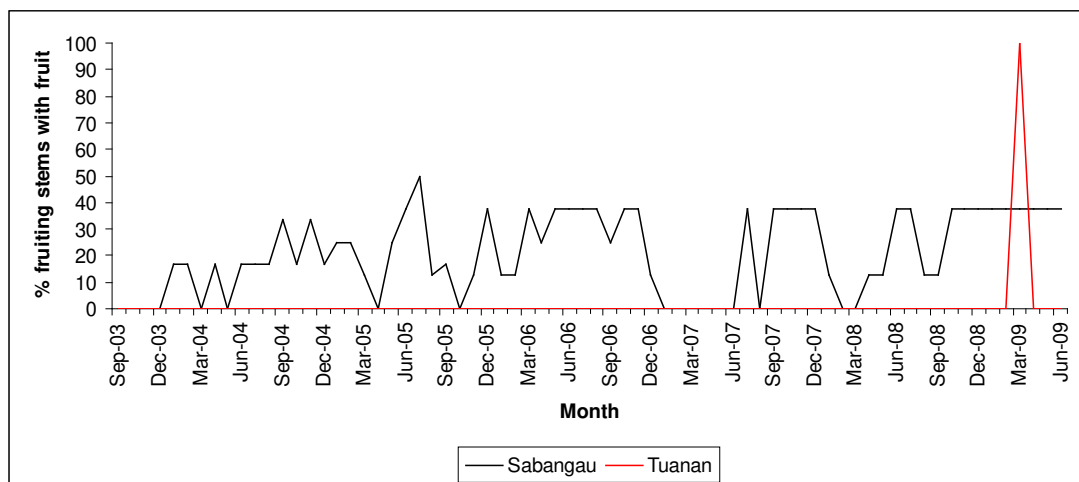
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

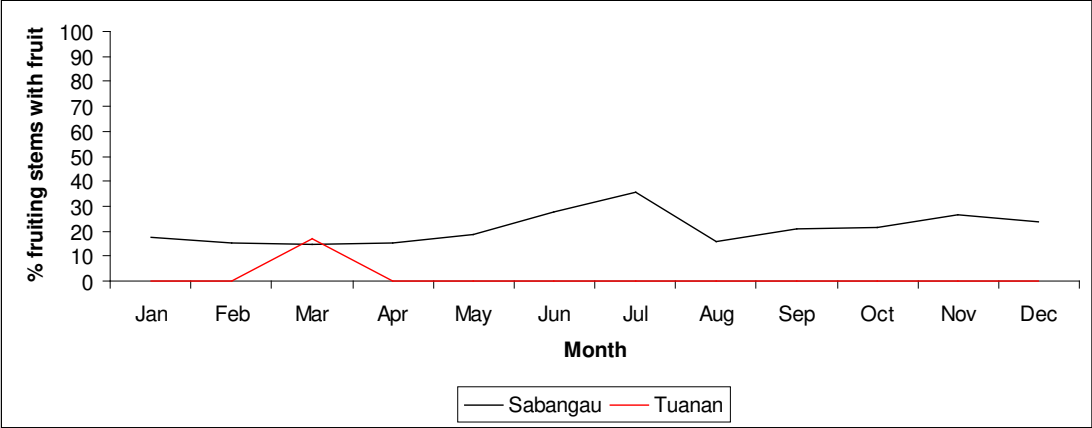
Family: Tetrameristaceae
Latin Name: *Tetramerista glabra*
 Local name: Ponak (SA), tantimun (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	3	2
Stem density > 20 cm DBH/ha	1	< 1
Total number stems sampled	25	4
Total number fruiting stems	8	1
Percentage of fruiting stems	32	25
Minimum / maximum percentage fruiting stems bearing fruit/year	33 / 75	0 / 100
Minimum DBH bearing fruit (cm)	20	17
Fruiting regularity category	Frequent	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



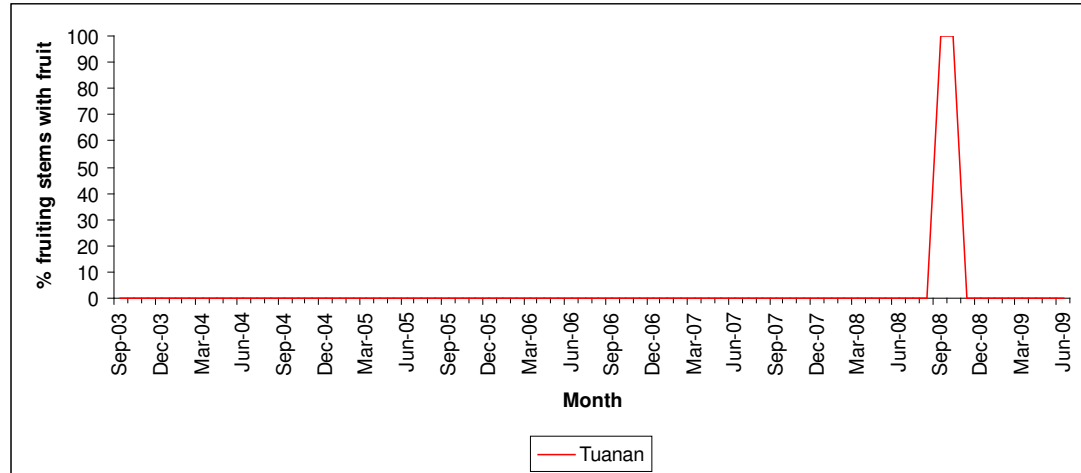
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	17.36	15.28	14.58	15.28	18.75	27.78	35.83	15.83	20.83	21.53	26.39	23.61
SD SA	12.75	14.59	18.40	14.59	17.23	15.96	12.00	13.63	13.94	18.52	16.17	16.17
Mean TU	0	0	16.67	0	0	0	0	0	0	0	0	0
SD TU	0	0	40.82	0	0	0	0	0	0	0	0	0

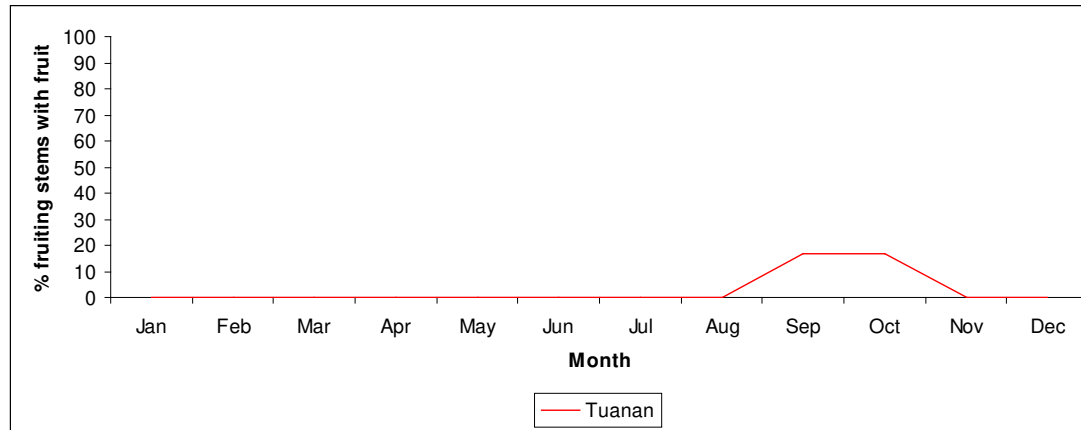
Family: Theaceae
Latin Name: *Ploiarium alternifolium*
 Local name: Asam-asam (SA), kayu asem (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	< 1	1
Stem density > 20 cm DBH/ha	< 1	< 1
Total number stems sampled	0	2
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	50
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	18
Fruiting regularity category	NA	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



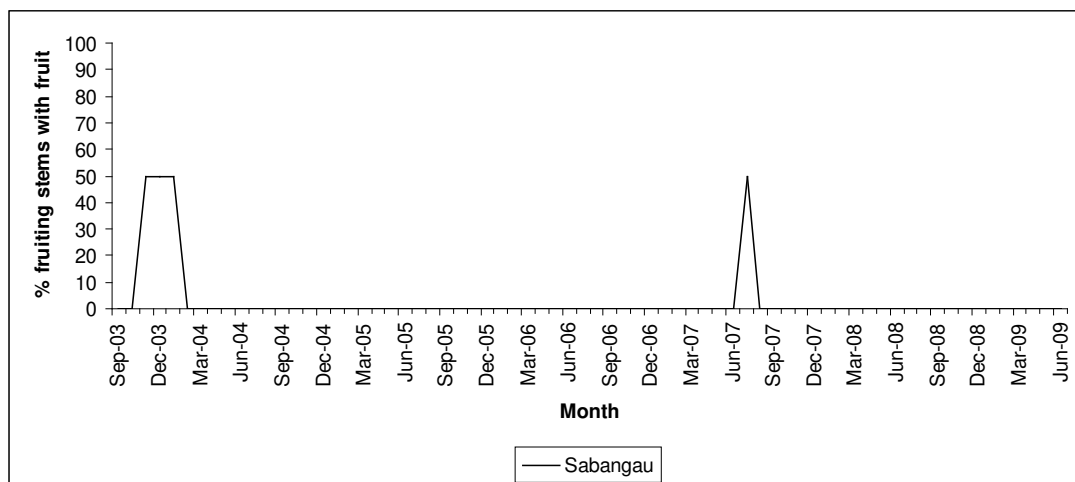
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	0	0	0	0	0	0	0	0	16.67	16.67	0	0
SD TU	0	0	0	0	0	0	0	0	40.82	40.82	0	0

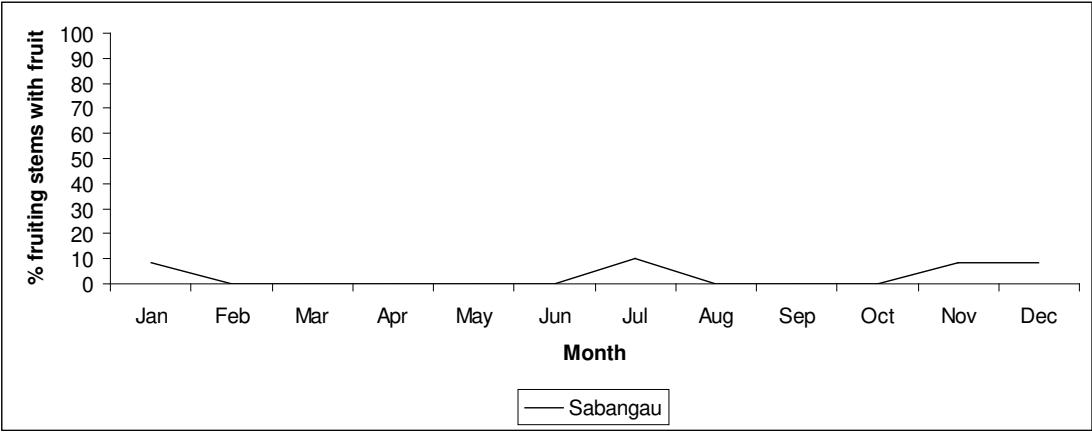
Family: Theaceae
Latin Name: *Ternstroemia hosei*
 Local name: No local name

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	5	0
Total number fruiting stems	2	NA
Percentage of fruiting stems	40	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 50	NA
Minimum DBH bearing fruit (cm)	8	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	8.33	0	0	0	0	0	10.00	0	0	0	8.33	8.33
SD SA	20.41	0	0	0	0	0	22.36	0	0	0	20.41	20.41
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Family: Theaceae
Latin Name: *Ternstroemia magnifica*
 Local name: Tabunter (SA)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	2	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	9	0
Total number fruiting stems	0	NA
Percentage of fruiting stems	0	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	NA
Minimum DBH bearing fruit (cm)	NA	NA
Fruiting regularity category	Never fruited	NA

Fruit Availability During Each Month of the Study Period at Each Site

No data available

Mean Monthly Fruit Availability at Each Site

No data available

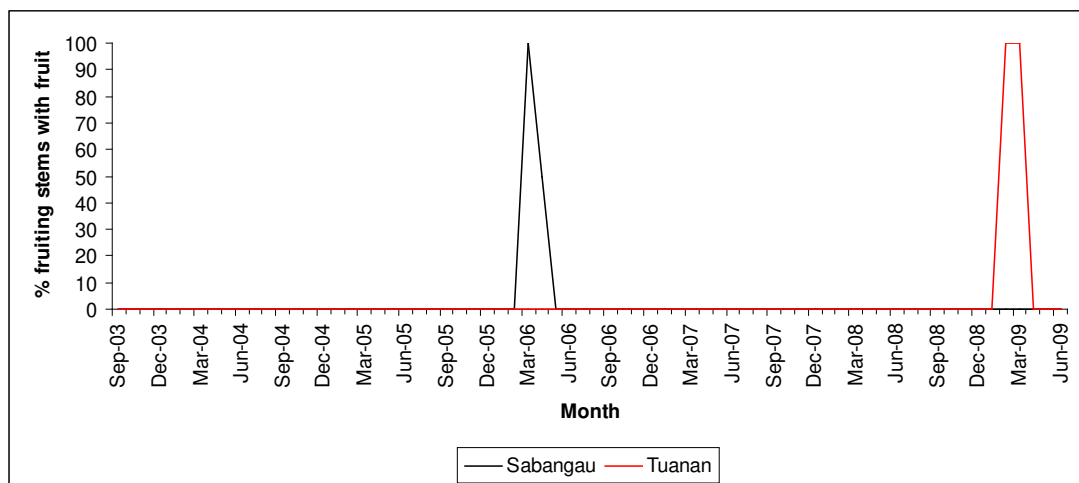
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

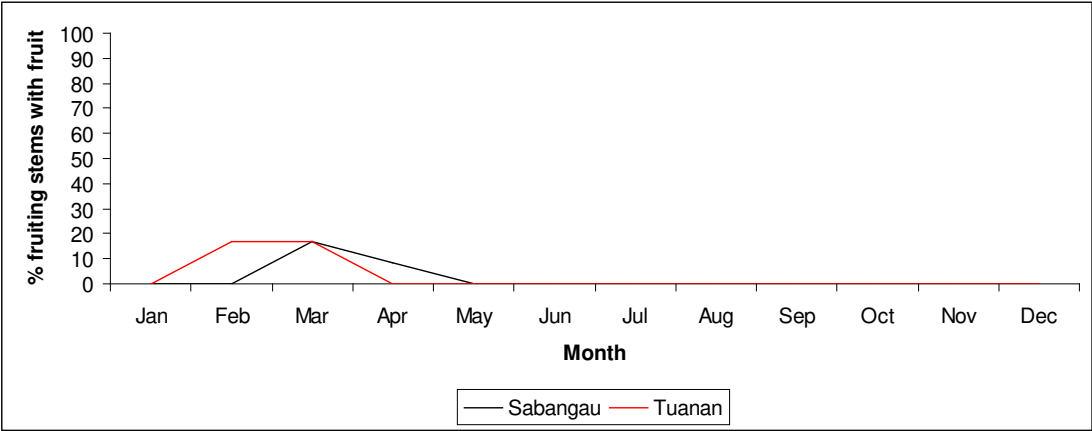
Family: Thymelaeaceae
Latin Name: *Gonystylus bancanus*
 Local name: Ramin (SA/TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	6	9
Stem density > 20 cm DBH/ha	1	1
Total number stems sampled	37	17
Total number fruiting stems	2	1
Percentage of fruiting stems	5	6
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	0 / 100
Minimum DBH bearing fruit (cm)	31	28
Fruiting regularity category	Irregular	Irregular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



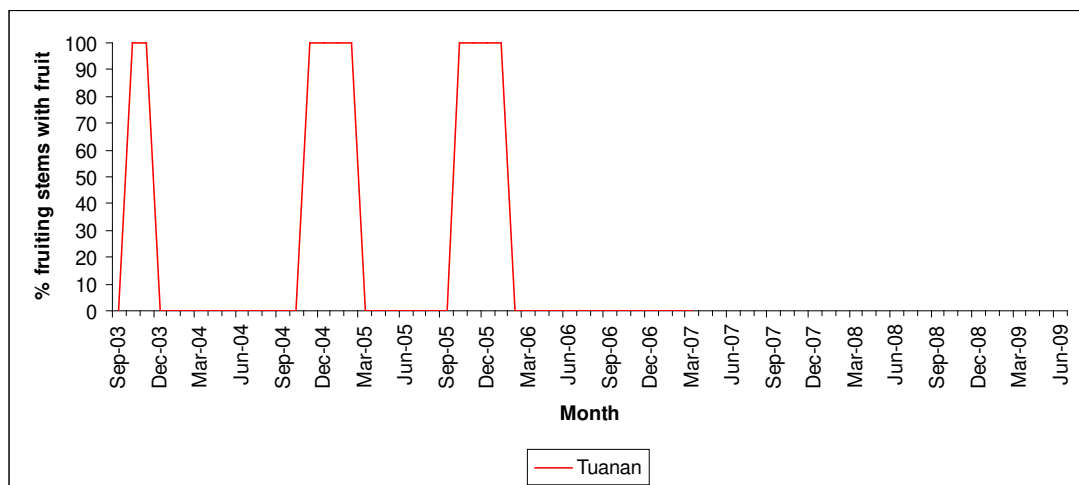
Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	0	0	16.67	8.33	0	0	0	0	0	0	0	0
SD SA	0	0	40.82	20.41	0	0	0	0	0	0	0	0
Mean TU	0	16.67	16.67	0	0	0	0	0	0	0	0	0
SD TU	0	40.82	40.82	0	0	0	0	0	0	0	0	0

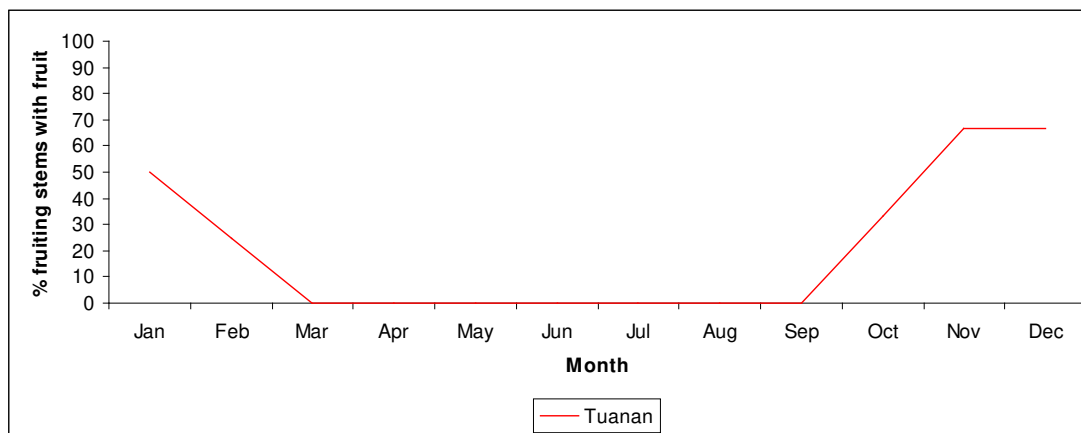
Family: Tiliaceae
Latin Name: *Micrococus sp.*
 Local name: Rewui (TU)

Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	0	< 1
Stem density > 20 cm DBH/ha	0	< 1
Total number stems sampled	0	1
Total number fruiting stems	NA	1
Percentage of fruiting stems	NA	100
Minimum / maximum percentage fruiting stems bearing fruit/year	NA	0 / 100
Minimum DBH bearing fruit (cm)	NA	21
Fruiting regularity category	NA	Regular

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD SA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mean TU	50.00	25.00	0	0	0	0	0	0	0	33.33	66.67	66.67
SD TU	57.74	50.00	0	0	0	0	0	0	0	57.74	57.74	57.74

Family: Tiliaceae

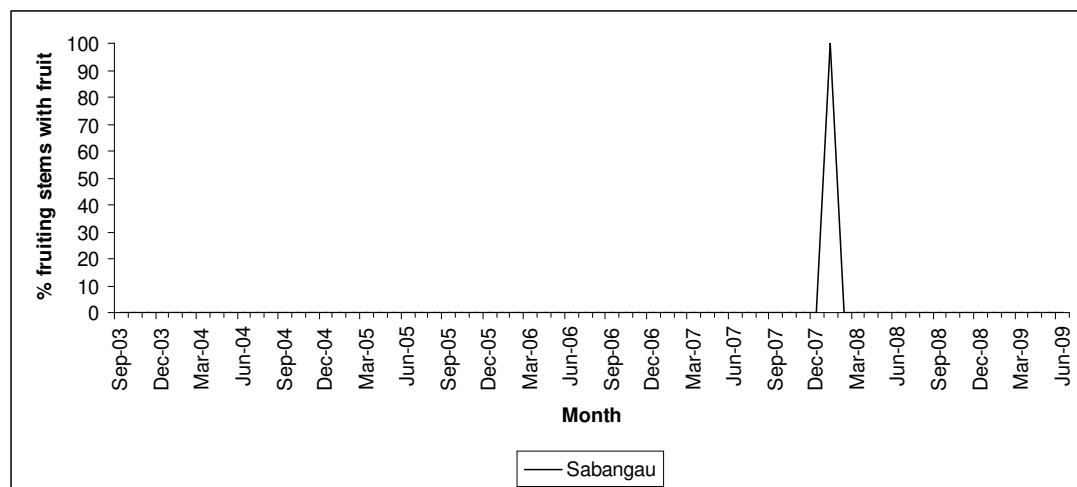
Latin Name: *Micrococus / Grewia sp. 1*

Local name: Brania himba (SA)

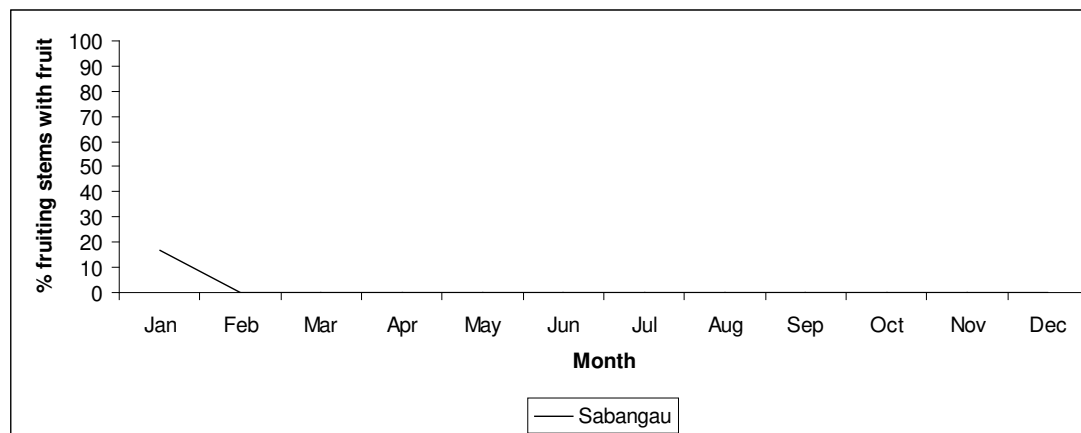
Variable	Sabangau	Tuanan
Stem density > 10 cm DBH/ha	1	0
Stem density > 20 cm DBH/ha	< 1	0
Total number stems sampled	4	0
Total number fruiting stems	1	NA

Percentage of fruiting stems	25	NA
Minimum / maximum percentage fruiting stems bearing fruit/year	0 / 100	NA
Minimum DBH bearing fruit (cm)	10	NA
Fruiting regularity category	Irregular	NA

Fruit Availability During Each Month of the Study Period at Each Site



Mean Monthly Fruit Availability at Each Site



Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean SA	16.67	0	0	0	0	0	0	0	0	0	0	0
SD SA	40.82	0	0	0	0	0	0	0	0	0	0	0
Mean TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD TU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

DISCUSSION

In this report, we provide the first detailed species-by-species account of fruiting phenology in Bornean peat-swamp forest. This will serve as a useful reference for organisations engaging in forest restoration activities, such as KFCP, in addition to a number of other research areas. We refrain from detailed discussions of the phenology of each species, as sufficient information is contained in the species accounts, but we draw attention to a few important points.

Firstly, four species/site combinations have been identified as either fruiting “year-round” (consistently producing fruit in at least nine months of the year) and 19 as “frequent” (consistently producing fruit in 4-8 months of the year) and 35 as “regular” (consistently producing fruit in 1-3 months of the year) fruit producers. “Irregular” fruiters do not have an identifiable month with consistent fruit production from year to year. Thus, collecting fruit from these species to supply nurseries with seeds is likely to be more difficult. Obtaining fruit from those species listed as “never fruited” is likely to be very difficult, but may not be impossible, as (i) fruiting phenology may differ between KFCP and others’ restoration sites, and the two sites included in this study, and (ii) many of the species listed as never fruiting have very low sample sizes and fruiting may well have been detected were it possible to sample a greater number of stems.

Secondly, it is evident that there are differences in the fruiting phenology of some species between the two sites studied. A particularly striking example is *Diospyros siamang*, which bears fruit very consistently in Sabangau, where the likelihood of fruiting is high in all months of the year, but not in Tuanan, where the likelihood of fruiting is high in only one month of the year. Similar examples include *Garcinia* spp. (Sabangau: “regular” fruiter, high fruit production in 3 months of the year; Tuanan: “year-round” fruiter, high fruit production in all months) and *Camposperma coriaceum* (Sabangau: “frequent” fruiter, high fruit production in 4 months; Tuanan: “year-round” fruiter, high fruit production in all months). The reason/s for this remain to be determined, but could be due to a number of potentially interacting variables, including differences in the ecology of the two forests (e.g., nutrient availability, rainfall patterns, hydrology) and/or random differences in the trees (and especially their size) included in the plots at the two sites, due to the inevitable limitations of plot size. Although some inter-site differences may be due to small sample sizes or inconsistencies in identification, *C. coriaceum* has a relatively large sample size of fruiting stems for both sites, and is easy to identify in the field, which therefore hints at a true inter-site difference in fruiting phenology for this species between Sabangau and Tuanan.

Thirdly, it is also evident that some families typically bear fruit more regularly than do others. One example of this is Ebenaceae, which produces fruit relatively consistently (with 2/5 species classified as “year-round” fruiters in at least one site), compared to Dipterocarpaceae (with all 12 species classified as “irregular” fruiters or as “never fruited”). This irregularity of fruiting in Dipterocarpaceae is not surprising, considering the

documented role of this family in the SAMF events characterising the dryland forests of the region, and because nearly all large, mature stems of this family have been logged out of the two sites.

Lastly, we reiterate the complications in interpretation resulting from differences in sample sizes between sites, particularly for those species with very low sample size at one site, and from differences in the number and proportion of fruiting stems. As discussed in the Methods, more confidence should be placed in the fruiting regularity results for those species with a large sample size, as there will be lower variability in estimates and fewer “missed” fruiting events. This is a likely cause behind some of the differences in fruiting classifications in our first two results tables; e.g., *Aglaia rubiginosa* was one of the most consistent fruit producers in Sabangau (consistently producing fruit in 9 months of the year), but produced fruit only rarely in Tuanan (consistently producing fruit in only 1 month of the year). This may be due to some real inter-site difference in the fruiting phenology of these species, but could also be a result of the higher number of fruiting stems (9 vs. 1) sampled in Sabangau compared to Tuanan.

In summary, the data provided herein show the fruiting regularity and timing of fruiting peaks for Bornean peat-swamp forest tree species at two sites between 2003 and 2009. This information will assist in forest restoration activities in the region, in addition to improving our understanding of peat-swamp forest phenological patterns, dynamics and ecology, and identifying and interpreting differences in the above between peat-swamp forest and other (particularly masting) habitat types.

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APPENDICES

APPENDIX I - Statistics Showing Likelihood of Fruiting by Species With High Likelihood of Fruiting in Each Month

Please note that this table merely lists the *likelihood* that a species will fruit in a particular month and is restricted to those species with a likelihood of fruiting $\geq 1\%$ (see methods). Species are listed for each month in order of decreasing likelihood of fruiting in that month (i.e., with most likely first). Note that we do not guarantee that these species will definitely bear fruit at this time, especially in areas outside of our two study sites.

* = The only stem in the plot died or was added mid-way through study period (see Species Accounts for details). Categorisations may therefore be less reliable for these species.

Green shading indicates species with a high likelihood of $\geq 10\%$ of fruiting stems bearing fruit in a month.

Boldface indicates species for which there is a high likelihood of fruiting in both Sabangau and Tuanan in that month.

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
January	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	60.42	18.40	42.02	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	53.99	18.10	35.89	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	70.00	37.42	32.58	Yes
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	43.95	14.03	29.92	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	35.72	8.23	27.50	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	31.48	8.36	23.12	Yes
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	39.58	18.40	21.18	Yes
	Moraceae	<i>Parartocarpus venenosus</i> *	Sabangau	60.00	41.83	18.17	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	52.42	35.60	16.82	Yes
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	23.43	7.75	15.68	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Sabangau	28.97	17.44	11.53	Yes

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	37.80	28.40	9.40	No
	Icacinaceae	<i>Stemonurus cf. scorpiodes</i>	Sabangau	13.33	5.16	8.17	No
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	32.19	24.56	7.63	No
	Burseraceae	<i>Santiria spp.</i>	Sabangau	33.33	25.82	7.51	No
	Moraceae	<i>Parartocarpus venenosus</i>	Tuanan	38.89	32.77	6.12	No
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	27.35	22.24	5.11	No
	Anacardiaceae	<i>Camptosperma coriaceum</i>	Sabangau	25.27	20.20	5.08	No
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	17.36	12.75	4.61	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Tuanan	13.33	10.33	3.01	No
	Lauraceae	<i>Alseodaphne sp. 2</i>	Tuanan	27.41	25.51	1.90	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	6.34	4.66	1.68	No
	Lauraceae	<i>Litsea cf. rufo-fusca</i>	Sabangau	16.67	15.06	1.61	No
	Euphorbiaceae	<i>Neoscortechinia kingii</i>	Tuanan	21.84	20.33	1.51	No
	Apocynaceae	<i>Dyera lowii</i>	Tuanan	11.90	10.75	1.15	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	10.49	9.37	1.11	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	19.06	17.96	1.10	No
	Sapotaceae	<i>Palaquium ridleyi / cf. xanthochymum</i>	Sabangau	8.84	7.81	1.03	No
February	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	56.25	18.96	37.29	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	62.50	34.02	28.48	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	32.42	13.54	18.87	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	38.71	22.93	15.79	Yes
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	25.98	12.78	13.20	Yes

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	22.22	9.94	12.28	Yes
	Clusiaceae / Guttiferae	<i>Calophyllum sclerophyllum</i> (SA)	Sabangau	50.00	45.53	4.47	No
	Clusiaceae / Guttiferae	<i>Calophyllum hosei</i>	Sabangau	34.36	30.19	4.17	No
	Euphorbiaceae	<i>Blumeodendron elateriospermum</i> / tokbrai	Sabangau	11.65	8.01	3.63	No
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	33.33	30.28	3.06	No
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	25.47	22.91	2.56	No
	Fagaceae	<i>Lithocarpus</i> spp.	Sabangau	11.94	9.74	2.20	No
	Sapotaceae	<i>Madhuca mottleyana</i>	Tuanan	25.00	23.24	1.76	No
	Rutaceae	<i>Tetractomia tetrandra</i>	Sabangau	16.67	15.32	1.35	No
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	20.83	19.49	1.35	No
	Ebenaceae	<i>Diospyros bantamensis</i> / pseudo-malabarica	Tuanan	15.50	14.28	1.21	No
March	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	64.58	25.52	39.07	Yes
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	45.21	24.67	20.54	Yes
	Anacardiaceae	<i>Campnosperma coriaceum</i>	Tuanan	11.83	6.42	5.41	No
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	46.67	41.31	5.35	No
	Clusiaceae / Guttiferae	<i>Garcinia</i> spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)	Tuanan	23.25	18.83	4.42	No
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	11.11	7.03	4.08	No
	Sapotaceae	<i>Palaquium ridleyi</i> / cf. xanthochymum	Sabangau	13.83	10.43	3.40	No
	Annonaceae	<i>Xylopiya fusca</i>	Sabangau	17.76	15.34	2.41	No
	Clusiaceae / Guttiferae	<i>Calophyllum hosei</i>	Sabangau	31.67	29.60	2.07	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	7.39	6.11	1.28	No
April	Clusiaceae / Guttiferae	<i>Gardenia leiocarpum</i>	Tuanan	66.67	51.64	15.03	Yes
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	47.92	33.93	13.99	Yes
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	36.32	22.55	13.77	Yes
	Myrtaceae	<i>Syzygium spp.</i> (exc. cf. <i>garcinifolia</i> , <i>havilandii</i> and SA sp. 5)	Tuanan	8.77	7.06	1.71	No
	Fagaceae	<i>Lithocarpus spp.</i>	Tuanan	38.89	37.52	1.37	No
	Clusiaceae / Guttiferae	<i>Garcinia spp.</i> (exc. cf. <i>parvifolia</i> , SA sp. 1 and TU sp 1)	Tuanan	9.95	8.90	1.05	No
	Sapotaceae	<i>Palaquium ridleyi</i> / cf. <i>xanthochymum</i>	Sabangau	11.87	10.86	1.01	No
May	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	70.83	20.41	50.42	Yes
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	34.78	27.36	7.42	No
	Annonaceae	<i>Mezzetia leptopoda</i> / <i>parviflora</i>	Tuanan	16.67	10.33	6.34	No
	Myrtaceae	<i>Syzygium spp.</i> (exc. cf. <i>garcinifolia</i> , <i>havilandii</i> and SA sp. 5)	Tuanan	9.60	4.88	4.73	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	12.91	8.34	4.56	No
	Myrtaceae	<i>Syzygium spp.</i> (exc. cf. <i>garcinifolia</i> , <i>havilandii</i> and SA sp. 5)	Sabangau	9.55	5.19	4.36	No
	Anacardiaceae	<i>Camptosperma coriaceum</i>	Sabangau	7.12	4.82	2.29	No
	Clusiaceae / Guttiferae	<i>Garcinia spp.</i> (exc. cf. <i>parvifolia</i> , SA sp. 1 and TU sp 1)	Tuanan	9.19	7.39	1.80	No
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	18.75	17.23	1.52	No
	Myrtaceae	<i>Syzygium sp.</i> 5 cf. <i>Eugenia spicata</i>	Sabangau	16.27	14.94	1.33	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	8.62	7.39	1.23	No
June	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	62.50	33.54	28.96	Yes
	Clusiaceae / Guttiferae	<i>Gardenia leiocarpum</i>	Tuanan	66.67	51.64	15.03	Yes
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	27.78	15.96	11.82	Yes
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	24.14	12.63	11.51	Yes
	Rutaceae	<i>Tetractomia tetrandra</i>	Sabangau	18.52	11.48	7.04	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Tuanan	21.67	16.02	5.65	No
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	24.76	19.25	5.51	No
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	24.07	19.14	4.94	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Tuanan	15.62	10.92	4.70	No
	Annonaceae	<i>Mezzetia umbellata</i>	Sabangau	11.67	7.53	4.14	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	30.32	26.48	3.84	No
	Annonaceae	<i>Xylopi fusca</i>	Tuanan	26.11	22.42	3.69	No
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	9.83	7.32	2.51	No
	Euphorbiaceae	<i>Blumeodendron elateriospermum / tokbrai</i>	Sabangau	16.15	13.88	2.27	No
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	32.79	30.88	1.91	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	7.01	5.11	1.90	No
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	17.20	15.37	1.83	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	13.50	11.82	1.69	No
	Myrtaceae	<i>Syzygium sp. 5 cf. Eugenia spicata</i>	Sabangau	16.27	14.94	1.33	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	19.03	17.81	1.22	No
July	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	67.50	33.77	33.73	Yes
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	35.83	12.00	23.83	Yes
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	34.34	21.54	12.80	Yes
	Euphorbiaceae	<i>Baccaurea bracteata</i>	Sabangau	32.44	20.28	12.16	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	22.16	11.67	10.49	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	28.89	18.59	10.30	Yes
	Euphorbiaceae	<i>Blumeodendron elateriospermum / tokbrai</i>	Sabangau	20.22	12.73	7.49	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Sabangau	21.40	15.84	5.56	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	17.50	12.02	5.48	No
	Myrtaceae	<i>Syzygium sp. 5 cf. Eugenia spicata</i>	Sabangau	20.38	14.96	5.42	No
	Clusiaceae / Guttiferae	<i>Gardenia leiocarpum</i>	Tuanan	60.00	54.77	5.23	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	10.42	5.34	5.07	No
	Annonaceae	<i>Xylopi fusca</i>	Tuanan	41.54	38.31	3.23	No
	Myrtaceae	<i>Syzygium havilandii</i>	Sabangau	21.26	19.22	2.04	No
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	34.72	32.78	1.94	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	28.67	27.04	1.63	No
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	8.71	7.12	1.60	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Tuanan	22.00	20.49	1.51	No
	Anacardiaceae	<i>Campnosperma coriaceum</i>	Sabangau	11.76	10.28	1.48	No
	Sapotaceae	<i>Isonandra sp. 1</i>	Sabangau	18.33	17.08	1.26	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
August	Euphorbiaceae	<i>Baccaurea bracteata</i> *	Tuanan	75.00	50.00	25.00	Yes
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	55.00	31.37	23.63	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	30.90	10.58	20.31	Yes
	Annonaceae	<i>Xylopia fusca</i>	Sabangau	42.65	25.16	17.49	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	35.56	19.88	15.68	Yes
	Euphorbiaceae	<i>Baccaurea bracteata</i>	Sabangau	30.00	14.78	15.22	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	38.82	25.70	13.12	Yes
	Melastomataceae	<i>Memecylon sp. 1</i>	Sabangau	26.67	14.91	11.76	Yes
	Annonaceae	<i>Xylopia fusca</i>	Tuanan	40.00	28.47	11.53	Yes
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	28.52	17.61	10.91	Yes
	Euphorbiaceae	<i>Blumeodendron elateriospermum / tokbrai</i>	Sabangau	19.81	10.30	9.51	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	18.75	11.69	7.06	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Sabangau	18.97	12.65	6.32	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	23.81	20.48	3.33	No
	Myrtaceae	<i>Syzygium havilandii</i>	Tuanan	12.27	9.37	2.90	No
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	11.95	9.61	2.34	No
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	15.83	13.63	2.20	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	9.54	7.52	2.01	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	6.75	4.82	1.93	No
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	15.25	13.40	1.86	No
	Sapotaceae	<i>Isonandra sp. 1</i>	Sabangau	16.67	15.59	1.08	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
September	Euphorbiaceae	<i>Baccaurea bracteata</i> *	Tuanan	100.00	0.00	100.00	Yes
	Annonaceae	<i>Xylopia fusca</i>	Sabangau	48.34	18.07	30.26	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	46.67	24.32	22.34	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	31.33	13.66	17.67	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	33.33	22.22	11.11	Yes
	Euphorbiaceae	<i>Baccaurea bracteata</i>	Sabangau	15.93	5.34	10.59	Yes
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	24.53	15.34	9.19	No
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	35.00	26.22	8.78	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Sabangau	23.77	15.65	8.12	No
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	20.83	13.94	6.89	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	17.08	10.43	6.65	No
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	17.60	11.20	6.40	No
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	18.30	12.36	5.94	No
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	16.65	10.82	5.83	No
	Melastomataceae	<i>Memecylon sp. 1</i>	Sabangau	22.22	17.21	5.01	No
	Burseraceae	<i>Santiria spp.</i>	Sabangau	41.67	37.64	4.03	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	12.56	8.95	3.61	No
	Annonaceae	<i>Polyalthia hypoleuca</i>	Sabangau	31.94	28.80	3.15	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	18.25	15.77	2.48	No
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	16.96	15.06	1.91	No
October	Euphorbiaceae	<i>Baccaurea bracteata</i> *	Tuanan	100.00	0.00	100.00	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	56.44	13.67	42.77	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Sabangau	59.72	22.42	37.30	Yes

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	37.76	11.00	26.76	Yes
	Annonaceae	<i>Xylopi fusca</i>	Sabangau	44.61	22.33	22.29	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	30.91	9.33	21.58	Yes
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	43.75	25.92	17.83	Yes
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	28.59	12.65	15.94	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	36.44	21.57	14.87	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	33.33	18.59	14.74	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	60.00	45.61	14.39	Yes
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	28.99	15.23	13.75	Yes
	Hypericaceae	<i>Cratoxylon arborescens</i>	Sabangau	21.47	8.07	13.40	Yes
	Moraceae	<i>Parartocarpus venenosus</i> *	Sabangau	37.50	25.00	12.50	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	28.92	16.56	12.37	Yes
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Sabangau	23.03	14.62	8.42	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	18.39	10.23	8.16	No
	Rhizophoraceae	<i>Carallia sp.1</i>	Tuanan	33.33	25.82	7.51	No
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	12.99	6.66	6.34	No
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	31.01	25.04	5.97	No
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	31.25	27.10	4.15	No
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	26.98	23.07	3.92	No
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	9.51	5.72	3.79	No
	Myrtaceae	<i>Syzygium havilandii</i>	Tuanan	17.72	14.03	3.69	No
	Euphorbiaceae	<i>Baccaurea bracteata</i>	Sabangau	17.41	13.93	3.48	No
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	21.53	18.52	3.00	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	18.12	15.49	2.63	No
	Lauraceae	<i>Litsea cf. resinosa</i>	Sabangau	10.87	8.68	2.19	No
	Lauraceae	<i>Litsea cf. rufo-fusca</i>	Sabangau	20.00	17.89	2.11	No
November	Euphorbiaceae	<i>Baccaurea bracteata</i> *	Tuanan	100.00	0.00	100.00	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	45.05	9.21	35.84	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	60.08	28.28	31.79	Yes
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	39.42	11.36	28.06	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	63.33	38.82	24.52	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	35.81	11.85	23.96	Yes
	Burseraceae	<i>Santiria spp.</i>	Sabangau	58.33	37.64	20.69	Yes
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	56.25	36.01	20.24	Yes
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	31.45	14.94	16.52	Yes
	Moraceae	<i>Parartocarpus venenosus</i> *	Sabangau	62.50	47.87	14.63	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Sabangau	45.56	31.10	14.45	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	31.48	17.80	13.68	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	32.36	19.52	12.84	Yes
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	27.08	14.61	12.47	Yes
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	26.39	16.17	10.22	Yes
	Tiliaceae	<i>Microcos sp.</i>	Tuanan	66.67	57.74	8.93	No
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	28.58	20.09	8.50	No
	Annonaceae	<i>Mezzetia umbellata</i>	Sabangau	21.67	13.29	8.38	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	18.46	10.45	8.01	No
	Clusiaceae /	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and</i>	Sabangau	17.86	10.21	7.65	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Guttiferae	<i>TU sp 1)</i>					
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Sabangau	15.00	7.44	7.56	No
	Euphorbiaceae	<i>Neoscortechinia kingii</i>	Tuanan	23.56	19.26	4.30	No
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	18.57	14.51	4.06	No
	Myrtaceae	<i>Syzygium havilandii</i>	Tuanan	25.21	21.29	3.92	No
	Lauraceae	<i>Alseodaphne sp. 2</i>	Tuanan	20.73	18.36	2.37	No
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	26.59	24.39	2.19	No
December	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	49.26	10.76	38.51	Yes
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	50.39	16.67	33.72	Yes
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	57.65	25.22	32.43	Yes
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	66.67	39.33	27.34	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Tuanan	39.33	12.91	26.42	Yes
	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	56.25	36.01	20.24	Yes
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	28.63	11.40	17.23	Yes
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	41.67	24.58	17.09	Yes
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	30.58	14.15	16.42	Yes
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	33.33	17.21	16.12	Yes
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Sabangau	25.00	10.82	14.18	Yes
	Tiliaceae	<i>Microcos sp.</i>	Tuanan	66.67	57.74	8.93	No
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	32.83	24.71	8.12	No
	Chrysobalanaceae	<i>Licania splendens</i>	Tuanan	33.33	25.82	7.51	No

Month	Family	Latin name	Site	Mean	SD	Mean - 1SD	High likelihood $\geq 10\%$ fruiting?
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	23.61	16.17	7.44	No
	Anacardiaceae	<i>Camptosperma coriaceum</i>	Sabangau	20.16	13.39	6.77	No
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	15.27	9.08	6.18	No
	Annonaceae	<i>Polyalthia hypoleuca</i>	Sabangau	35.56	30.01	5.54	No
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	32.34	26.83	5.50	No
	Euphorbiaceae	<i>Neoscortechinia kingii</i>	Tuanan	24.07	19.86	4.21	No
	Burseraceae	<i>Santiria spp.</i>	Sabangau	41.67	37.64	4.03	No
	Myrtaceae	<i>Syzygium spp.</i> (exc. cf. <i>garcinifolia</i> , <i>havilandii</i> and <i>SA sp. 5</i>)	Sabangau	11.07	7.45	3.62	No
	Myristicaceae	<i>Gymnacranthera farquhariana</i>	Tuanan	16.07	12.93	3.14	No
	Ebenaceae	<i>Diospyros siamang</i>	Tuanan	14.17	11.14	3.02	No
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Tuanan	16.67	13.66	3.00	No
	Myrtaceae	<i>Syzygium havilandii</i>	Tuanan	22.27	19.46	2.81	No
	Burseraceae	<i>Santiria spp.</i>	Tuanan	19.84	17.92	1.92	No
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	34.52	32.71	1.82	No
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	12.86	11.18	1.69	No
	Lauraceae	<i>Alseodaphne sp. 2</i>	Tuanan	26.39	24.93	1.45	No
	Apocynaceae	<i>Dyera lowii</i>	Tuanan	11.90	10.75	1.15	No

* = The only stem in the plot died or was added mid-way through study period (see Species Accounts for details). Categorisations may therefore be less reliable for these species.

Green shading indicates species with a high likelihood of $\geq 10\%$ of fruiting stems bearing fruit in a month.

Boldface indicates species for which there is a high likelihood of fruiting in both Sabangau and Tuanan in that month.

APPENDIX II – Tree Species Fruiting Phenology Classifications by Site, Sorted by Regularity of Fruiting

Note that classification of a species as an “irregular” fruiter does not necessarily mean that individuals of this species will not produce fruit each year, or that fruiting timing is completely unpredictable. Rather, it illustrates that it is difficult to consistently pinpoint a particular month/s for which there is a consistently high probability of fruit production for that species.

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
Year-round	Ebenaceae	<i>Diospyros siamang</i>	Sabangau	12
	Clusiaceae / Guttiferae	<i>Garcinia spp.</i> (exc. <i>cf. parvifolia</i> , <i>SA sp. 1</i> and <i>TU sp 1</i>)	Tuanan	11
	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Tuanan	9
	Meliaceae	<i>Aglaia rubiginosa</i>	Sabangau	9
Frequent	Ebenaceae	<i>Diospyros bantamensis / pseudo-malabarica</i>	Sabangau	8
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Sabangau	8
	Myrtaceae	<i>Syzygium spp.</i> (exc. <i>cf. garcinifolia</i> , <i>havilandii</i> and <i>SA sp. 5</i>)	Sabangau	8
	Sapotaceae	<i>Palaquium leiocarpum</i>	Sabangau	8
	Anisophyllaceae	<i>Combretocarpus rotundatus</i>	Sabangau	7
	Myristicaceae	<i>Gymnacranthera cf. farquhariana</i>	Tuanan	7
	Sapotaceae	<i>Palaquium leiocarpum</i>	Tuanan	7
	Tetrameristaceae	<i>Tetramerista glabra</i>	Sabangau	7
	Annonaceae	<i>Polyalthia hypoleuca</i>	Tuanan	6
	Linaceae	<i>Ctenolophon parvifolius</i>	Sabangau	6
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Tuanan	6
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Tuanan	5
	Apocynaceae	<i>Dyera lowii</i>	Sabangau	5
	Euphorbiaceae	<i>Baccaurea bracteata</i>	Sabangau	5

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Sapotaceae	<i>Madhuca mottleyana</i>	Sabangau	5
	Sapotaceae	<i>Palaquium pseudorostratum</i>	Sabangau	5
	Anacardiaceae	<i>Camptosperma coriaceum</i>	Sabangau	4
	Annonaceae	<i>Mezzetia leptopoda / parviflora</i>	Sabangau	4
	Annonaceae	<i>Polyalthia hypoleuca</i>	Sabangau	4
	Annonaceae	<i>Xylopius fusca</i>	Sabangau	4
	Burseraceae	<i>Santiria spp.</i>	Sabangau	4
	Euphorbiaceae	<i>Blumeodendron elateriospermum / tokbrai</i>	Sabangau	4
	Myrtaceae	<i>Syzygium havilandii</i>	Tuanan	4
Regular	Annonaceae	<i>Xylopius fusca</i>	Tuanan	3
	Clusiaceae / Guttiferae	<i>Gardenia leiocarpum</i>	Tuanan	3
	Euphorbiaceae	<i>Baccaurea bracteata *</i>	Tuanan	3
	Euphorbiaceae	<i>Neoscortechinia kingii</i>	Tuanan	3
	Lauraceae	<i>Alseodaphne sp.2</i>	Tuanan	3
	Moraceae	<i>Parartocarpus venenosus *</i>	Sabangau	3
	Myrtaceae	<i>Syzygium sp. 5 cf. Eugenia spicata</i>	Sabangau	3
	Myrtaceae	<i>Syzygium spp. (exc. cf. garcinifolia, havilandii and SA sp. 5)</i>	Tuanan	3
	Sapotaceae	<i>Palaquium ridleyi / cf. xanthochymum</i>	Sabangau	3
	Annonaceae	<i>Mezzetia umbellata</i>	Sabangau	2
	Apocynaceae	<i>Dyera lowii</i>	Tuanan	2
	Clusiaceae / Guttiferae	<i>Calophyllum hosei</i>	Sabangau	2
	Clusiaceae / Guttiferae	<i>Garcinia spp. (exc. cf. parvifolia, SA sp. 1 and TU sp 1)</i>	Sabangau	2
	Fabaceae / Leguminosae	<i>Archidendron borneensis *</i>	Sabangau	2
	Lauraceae	<i>Litsea cf. rufo-fusca</i>	Sabangau	2

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Melastomataceae	<i>Memecylon sp. 1</i>	Sabangau	2
	Rutaceae	<i>Tetractomia tetrandra</i>	Sabangau	2
	Sapotaceae	<i>Isonandra sp. 1</i>	Sabangau	2
	Tiliaceae	<i>Microcos sp.</i>	Tuanan	2
	Anacardiaceae	<i>Camptosperma coriaceum</i>	Tuanan	1
	Burseraceae	<i>Santiria spp.</i>	Tuanan	1
	Chrysobalanaceae	<i>Licania splendens</i>	Tuanan	1
	Clusiaceae / Guttiferae	<i>Calophyllum sclerophyllum</i> (SA)	Sabangau	1
	Ebenaceae	<i>Diospyros siamang</i>	Tuanan	1
	Fagaceae	<i>Lithocarpus spp.</i>	Sabangau	1
	Fagaceae	<i>Lithocarpus spp.</i>	Tuanan	1
	Hypericaceae	<i>Cratoxylon arborescens</i>	Sabangau	1
	Icacinaceae	<i>Stemonurus scorpiodes</i>	Sabangau	1
	Lauraceae	<i>Litsea cf. resinosa</i>	Sabangau	1
	Lauraceae	<i>Litsea spp.</i>	Sabangau	1
	Moraceae	<i>Parartocarpus venenosus</i>	Tuanan	1
	Myrtaceae	<i>Syzygium havilandii</i>	Sabangau	1
	Rhizophoraceae	<i>Carallia sp. 1</i>	Tuanan	1
	Sapotaceae	<i>Madhuca mottleyana</i>	Tuanan	1
	Tetrameristaceae	<i>Tetramerista glabra</i>	Tuanan	1
Irregular	Anacardiaceae	<i>Buchanania sp. *</i>	Tuanan	0
	Anacardiaceae	<i>Camptosperma squamatum</i>	Sabangau	0
	Annonaceae	<i>Cyathocalyx biovulatus</i>	Sabangau	0
	Annonaceae	<i>Mezzetia umbellata</i>	Tuanan	0

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Annonaceae	<i>Polyalthia glauca</i>	Sabangau	0
	Annonaceae	<i>Xylophia cf. malayana</i>	Sabangau	0
	Annonaceae	<i>Xylophia coriifolia</i>	Sabangau	0
	Annonaceae	<i>Xylophia spp (exc. fusca)</i>	Tuanan	0
	Aquifoliaceae	<i>Ilex hypoglauc</i>	Sabangau	0
	Aquifoliaceae	<i>Ilex cymosa / sp. 1</i>	Tuanan	0
	Burseraceae	<i>Canarium sp. 1</i>	Sabangau	0
	Clusiaceae / Guttiferae	<i>Calophyllum nodusum</i>	Tuanan	0
	Clusiaceae / Guttiferae	<i>Calophyllum soulattri</i>	Sabangau	0
	Clusiaceae / Guttiferae	<i>Calophyllum sp.</i>	Sabangau	0
	Clusiaceae / Guttiferae	<i>Garcinia cf parvifolia</i>	Tuanan	0
	Clusiaceae / Guttiferae	<i>Garcinia sp. 1</i>	Sabangau	0
	Clusiaceae / Guttiferae	<i>Mesua sp. 1</i>	Sabangau	0
	Crypteroniaceae	<i>Dactylocladus stenostachys</i>	Sabangau	0
	Crypteroniaceae	<i>Dactylocladus stenostachys</i>	Tuanan	0
	Dipterocarpaceae	<i>Cotylelobium melanoxylon</i>	Tuanan	0
	Dipterocarpaceae	<i>Dipterocarpus borneensis</i>	Sabangau	0
	Dipterocarpaceae	<i>Dipterocarpus fagineus</i>	Tuanan	0
	Dipterocarpaceae	<i>Shorea balangeran *</i>	Sabangau	0
	Dipterocarpaceae	<i>Shorea parvifolia</i>	Tuanan	0
	Dipterocarpaceae	<i>Shorea teysmanniana</i>	Sabangau	0
	Dipterocarpaceae	<i>Vatica mangachopai</i>	Sabangau	0
	Ebenaceae	<i>Diospyros cf. evena</i>	Sabangau	0
	Ebenaceae	<i>Diospyros confertiflora</i>	Sabangau	0

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Ebenaceae	<i>Diospyros</i> spp. (exc. <i>bantamensis</i> / <i>pseudo-malabarica</i> and <i>siamang</i>)	Tuanan	0
	Elaeocarpaceae	<i>Elaeocarpus</i> cf. <i>griffithi</i>	Sabangau	0
	Elaeocarpaceae	<i>Elaeocarpus mastersii</i>	Sabangau	0
	Elaeocarpaceae	<i>Elaeocarpus mastersii</i>	Tuanan	0
	Euphorbiaceae	<i>Baccaurea stipulata</i>	Sabangau	0
	Euphorbiaceae	<i>Blumeodendron elateriospermum</i> / <i>tokbrai</i>	Tuanan	0
	Euphorbiaceae	<i>Cephalomappa</i> sp. 1	Sabangau	0
	Euphorbiaceae	<i>Neoscortechinia kingii</i>	Sabangau	0
	Fabaceae / Leguminosae	<i>Koompassia malaccensis</i>	Sabangau	0
	Fabaceae / Leguminosae	<i>Koompassia malaccensis</i>	Tuanan	0
	Fagaceae	<i>Castanopsis foxworthyii</i> / <i>jaherii</i>	Sabangau	0
	Hypericaceae	<i>Cratoxylon glaucum</i>	Sabangau	0
	Hypericaceae	<i>Cratoxylon glaucum</i>	Tuanan	0
	Icacinaceae	<i>Platea excelsa</i>	Sabangau	0
	Icacinaceae	<i>Platea</i> sp.	Tuanan	0
	Icacinaceae	<i>Platea</i> sp. 2	Sabangau	0
	Icacinaceae	<i>Stemonurus scorpiodes</i>	Tuanan	0
	Lauraceae	<i>Alseodaphne</i> sp.1	Tuanan	0
	Lauraceae	<i>Cryptoaria</i> sp.1	Tuanan	0
	Lauraceae	<i>Cryptoaria</i> sp.2	Tuanan	0
	Lauraceae	<i>Litsea</i> cf. <i>elliptica</i>	Sabangau	0
	Lauraceae	<i>Litsea</i> spp.	Tuanan	0
	Magnoliaceae	<i>Magnolia bintuluensis</i>	Sabangau	0
	Melastomataceae	<i>Memecylon</i> sp. 3	Sabangau	0

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Melastomataceae	<i>Pternandra cf. coerulescens / galeata</i>	Sabangau	0
	Meliaceae	<i>Aglaia rubiginosa</i>	Tuanan	0
	Meliaceae	<i>Sandoricum beccanarium</i>	Sabangau	0
	Meliaceae	<i>Sandoricum beccanarium</i>	Tuanan	0
	Myristicaceae	<i>Gymnacranthera cf. farquhariana</i>	Sabangau	0
	Myristicaceae	<i>Horsfieldia crassifolia</i>	Sabangau	0
	Myristicaceae	<i>Horsfieldia crassifolia</i>	Tuanan	0
	Myristicaceae	<i>Knema intermedia</i>	Sabangau	0
	Myristicaceae	<i>Myristica lowiana</i>	Sabangau	0
	Myrsinaceae	<i>cf. Rapanea borneensis</i>	Sabangau	0
	Myrtaceae	<i>Rhodamnia cinerea</i>	Tuanan	0
	Myrtaceae	<i>Syzygium cf. garcinifolia</i>	Tuanan	0
	Myrtaceae	<i>Tristaniopsis spp.</i>	Sabangau	0
	Myrtaceae	<i>Tristaniopsis spp.</i>	Tuanan	0
	Oxalidaceae	<i>Sarcotheca spp</i>	Tuanan	0
	Rubiaceae	<i>Canthium dydimum</i>	Sabangau	0
	Rubiaceae	<i>Mussaendopsis beccariana</i>	Tuanan	0
	Rutaceae	<i>Acronychia pedunculata</i>	Tuanan	0
	Sapindaceae	<i>Nephellium lappaceum</i>	Sabangau	0
	Sapindaceae	<i>Nephelium maingayi</i>	Tuanan	0
	Sapindaceae	<i>Xerospermum laevigatum / noronhianum</i>	Sabangau	0
	Sapindaceae	<i>Xerospermum laevigatum / noronhianum</i>	Tuanan	0
	Sapotaceae	<i>Isonandra lanceolata</i>	Sabangau	0
	Sapotaceae	<i>Palaquium cochlearifolium</i>	Sabangau	0
	Sapotaceae	<i>Palaquium cochlearifolium</i>	Tuanan	0

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Sapotaceae	<i>Palaquium ridleyi</i> / cf. <i>xanthochymum</i>	Tuanan	0
	Sapotaceae	<i>Payena leerii</i>	Tuanan	0
	Sapotaceae	<i>Pouteria</i> cf. <i>malaccensis</i>	Tuanan	0
	Sterculiaceae	<i>Sterculia</i> sp.	Tuanan	0
	Theaceae	<i>Ploiarium alternifolium</i>	Tuanan	0
	Theaceae	<i>Ternstroemia hosei</i>	Sabangau	0
	Thymelaeaceae	<i>Gonystylus bancanus</i>	Sabangau	0
	Thymelaeaceae	<i>Gonystylus bancanus</i>	Tuanan	0
	Tiliaceae	<i>Microcos (Grewia) sp. 1</i>	Sabangau	0
Never fruited	Anacardiaceae	<i>Bouea oppositifolia</i>	Sabangau	0
	Celesteraceae	<i>Lophopetalum sp. 1</i>	Sabangau	0
	Clusiaceae / Guttiferae	<i>Calophyllum inophyllum</i>	Tuanan	0
	Clusiaceae / Guttiferae	<i>Calophyllum sclerophyllum</i> (TU)	Tuanan	0
	Dipterocarpaceae	cf. <i>Anisoptera sp. 1</i>	Sabangau	0
	Dipterocarpaceae	<i>Cotylobium cf. lanceolatum</i>	Sabangau	0
	Dipterocarpaceae	<i>Shorea crassa</i>	Sabangau	0
	Dipterocarpaceae	<i>Shorea parvistipulata</i>	Tuanan	0
	Dipterocarpaceae	<i>Shorea uliginosa</i>	Sabangau	0
	Elaeocarpaceae	<i>Elaeocarpus marginatus</i>	Sabangau	0
	Euphorbiaceae	<i>Pimelodendron griffithi</i>	Sabangau	0
	Fabaceae / Leguminosae	<i>Adenanthera malayana</i>	Tuanan	0
	Fabaceae / Leguminosae	<i>Adenanthera pavonina</i>	Sabangau	0
	Fabaceae / Leguminosae	<i>Dialium indum</i>	Tuanan	0
	Fagaceae	<i>Castanopsis foxworthyi</i> / <i>jaherii</i>	Tuanan	0

Category	Family	Latin name	Site	Mo / yr high l'hood fruit
	Hypericaceae	<i>Cratoxylon arborescens</i>	Tuanan	0
	Lauraceae	<i>Alseodaphne coriacea</i>	Sabangau	0
	Lauraceae	<i>Alseodaphne coriacea</i>	Tuanan	0
	Lauraceae	<i>Notaphoebe sp. 1</i>	Sabangau	0
	Lauraceae	<i>Notaphoebe umbeliflora</i>	Tuanan	0
	Lauraceae	<i>Phoebe cf. grandis</i>	Sabangau	0
	Magnoliaceae	<i>Magnolia sp.</i>	Tuanan	0
	Myrtaceae	<i>Eugenia cf. spicata</i>	Sabangau	0
	Pittosporaceae	<i>Pittosporum sp. 1</i>	Sabangau	0
	Rhizophoraceae	<i>Carallia sp.2</i>	Tuanan	0
	Rhizophoraceae	<i>Gynotroches sp. 1</i>	Sabangau	0
	Rubiaceae	<i>Gardenia tubifera</i>	Sabangau	0
	Sapindaceae	<i>cf. Cubilia cubili</i>	Sabangau	0
	Sapindaceae	<i>Nephelium maingayi</i>	Sabangau	0
	Sapindaceae	<i>Nephellium sp. 1</i>	Sabangau	0
	Sapindaceae	<i>Pornetia pinnata</i>	Tuanan	0
	Simaroubaceae	<i>Quassia borneensis</i>	Sabangau	0
	Sterculiaceae	<i>Sterculia rhoidifolia</i>	Sabangau	0
	Sterculiaceae	<i>Sterculia sp. 1</i>	Sabangau	0
	Theaceae	<i>Ternstroemia magnifica</i>	Sabangau	0

* = Only stem in plot died or was added mid-way through study period (see Species Accounts for details). Categorisations may therefore be less reliable for these species.

