

LANJAK ENTIMAU WILDLIFE SANCTUARY

# A CHECK-LIST OF FLORA, FAUNA, FOOD AND MEDICINAL PLANTS

Edited by Paul P.K. Chai



Forest Department  
Sarawak

A Joint Publication



International Tropical Timber  
Organization (ITTO)

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*Edited by*  
Paul P. K. Chai

*A joint publication by*



*Forest Department  
Sarawak, Malaysia*



*International Tropical  
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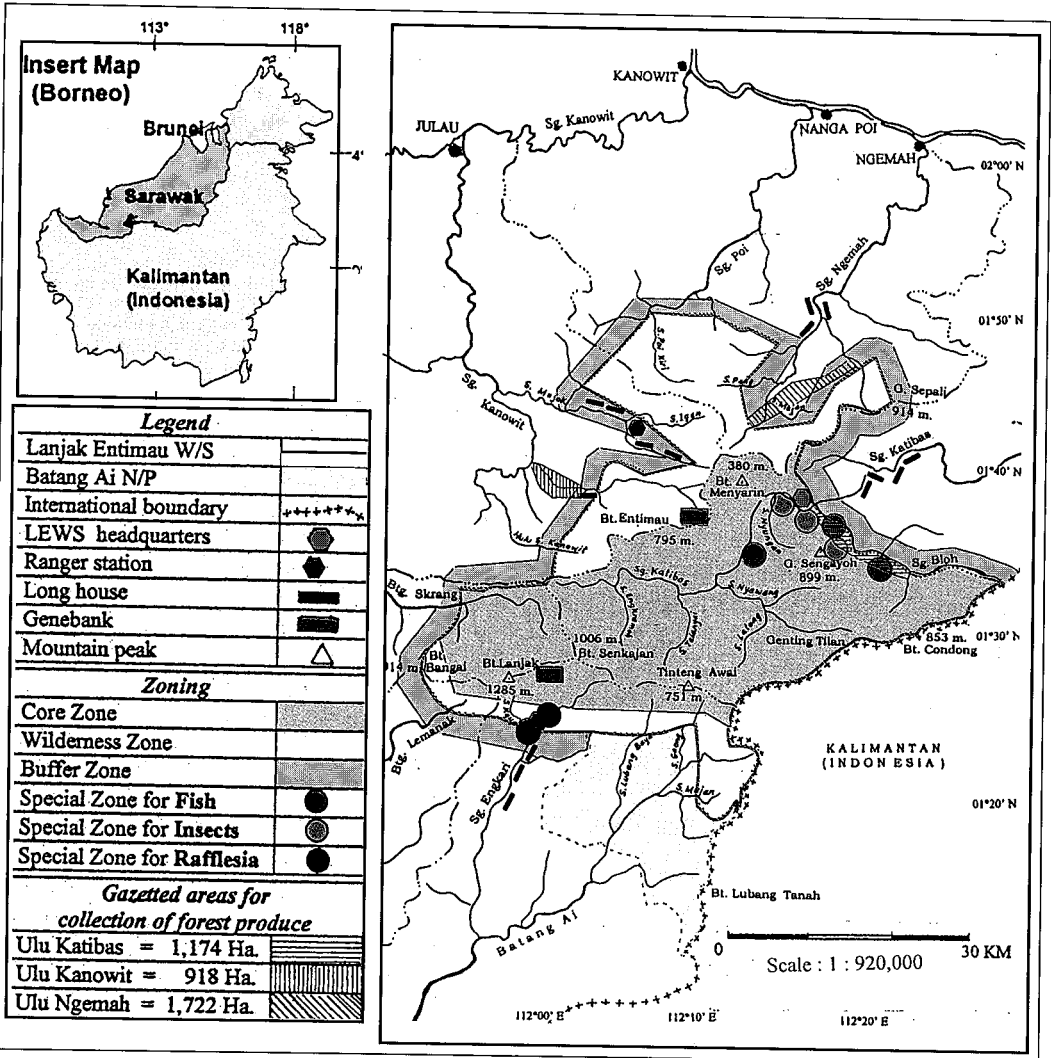
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Cover caption: A profile of Lanjak Entimau Wildlife Sanctuary  
*Rhododendron durionifolium*  
*Pongo pygmaeus*

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**MAP OF  
LANJAK ENTIMAU WILDLIFE SANCTUARY**

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Rumah Ansat, Nanga Mesit  
Rumah Lait, Nanga Selapong  
Rumah Nyoyang, Ulu Ensirieng  
Rumah Jayan, Nanga Ensirieng  
Rumah Unjong, Nanga Ensirieng  
Rumah Gerasi, Nanga Ju

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## **1.0 INTRODUCTION**



## INTRODUCTION

This check-list on the flora, fauna, food and medicinal plants of the Lanjak Entimau Wildlife Sanctuary (LEWS) represents the database of biological resources obtained during Phase I and Phase II of the project entitled Development of Lanjak Entimau Wildlife Sanctuary as a Totally Protected Area from 1993 to 1999. It is an addendum of the LEWS Scientific Report published in April 2000. The project was jointly funded by the Malaysian Government and the International Tropical Timber Organization (ITTO).

Numerous specimens of plants and animals were collected during the studies, but not all could be fully identified, particularly the vascular plants, fungi, insects and fishes. As such, it is not possible to know the exact number of species of each group.

The check-list is divided into three parts. Part One on flora includes 1,996 species of vascular plants comprising 1,446 species of tree flora and 550 species of non-tree flora and their varieties. Added to these are 720 taxa (353 trees and 367 non-trees) that were identified only to the family or genus level. In the case of fungi, the pathologist's estimate for LEWS is at least 500 species but only less than 100 species could be placed at the family or genus level.

Insects are the largest faunal group under Part Two. Out of the estimated total of 1,050 species recorded, 787 are moths. There are at least 93 species of reptiles and amphibians, 82 species of fishes, 241 species of birds and 58 species of small mammals. Also included under this part are lists of plant species consumed or visited by small mammals and data on primate population estimates in different regions of the Sanctuary.

Plants of ethnobotanical value are listed under Part Three. This part contains 107 species of wild vegetables, 150 species of wild fruits and 216 species of medicinal plants. Thirteen species are used in the flavouring of food and production of illipe nut or *engkabang* oil.

This check-list will serve as an important reference material for LEWS. In addition, it will complement the information collected from the Betung Kerihun National Park in West Kalimantan, Indonesia, in providing a valuable database for the conservation and sustainable management of the Trans-boundary Conservation Area on a collaborative basis.



## **2.0 FLORA**



## 2.1 A LIST OF VASCULAR PLANTS (TREE FLORA)

Paul P. K. Chai, Katharine G. Pearce and Runi Sylvester Pungga

### Note:

- Forest Type:  
RF - Riparian Forest, AF - Alluvial Forest, LDF - Lowland Dipterocarp Forest, MDF - Mixed Dipterocarp Forest, OSF - Old Secondary Forest, HDF - Hill Dipterocarp Forest, SRF - Summit Ridge Forest, SMF - Submontane Forest, MF - Montane Forest
- All vernacular names in Iban except where indicated.
- Rare - Less than five individuals encountered during ecological surveys.

Botanical Name	Vernacular Name	Forest Type	Remark
<b>ALANGIACEAE</b>			
<i>Alangium havilandii</i> Bloemb.	Jadam paya	HDF	Rare
<i>Alangium javanicum</i> (Bl.) Wang.	Midong	OSF, LDF, SRF	
<i>Alangium javanicum</i> (Bl.) Wang. <i>var. ebenaceum</i> (C.B. Cl.) Harms	Midong	AF, OSF, LDF, HDF	
<i>Alangium javanicum</i> (Bl.) Wang. <i>var. meyeri</i> (Merr.) Berhaman	Midong	LDF	
<i>Alangium nobile</i> (C.B. Cl.) Harms <i>ex</i> King	Midong	OSF	Rare
<i>Alangium</i> sp.	Midong	OSF, HDF	Rare
<b>ANACARDIACEAE</b>			
<i>Androtium astylum</i> Stapf	Rengas padang	SRF	Rare
<i>Buchanania arborescens</i> (Bl.) Bl.	Otak udang/ Rengas	OSF, LDF, SRF	
<i>Buchanania insignis</i> Bl.	Otak udang	AF, OSF	
<i>Buchanania sessifolia</i> Bl.	Rengas	OSF, LDF, HDF, SRF	
<i>Buchanania</i> sp.	Terentang chit	AF, OSF	
<i>Camposperma auriculatum</i> (Bl.) Hook. <i>f.</i>	Terentang	AF	Rare
<i>Camposperma coriacea</i> (Jack) Haller <i>f. ex</i> Steenis	Terentang paya	AF	Rare
<i>Camposperma squamatum</i> Ridl.	Terentang tikus	AF	
<i>Camposperma</i> sp.	Terentang	OSF	Rare
<i>Dracontomelon dao</i> (Blanco) Merr. & Rolfe	Sengkuang	AF, OSF	
<i>Drimycarpus luridus</i> (Hook. <i>f.</i> ) D. Hou	Rengas	LDF, HDF, SRF	



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Gluta aptera</i> (King) D. Hou	Rengas sudu	OSF, LDF, HDF, SRF, SMF, MF	
<i>Gluta beccarii</i> (Engl.) D. Hou	Rengas	LDF, SRF	
<i>Gluta macrocarpa</i> (Engl.) D. Hou	Rengas paya	LDF, HDF, SRF, SMF	
<i>Gluta rugulosa</i> D. Hou	Rengas	LDF	Rare
<i>Gluta speciosa</i> (Ridl.) D. Hou	Rengas bulu	LDF, HDF	
<i>Gluta wallichii</i> (Hook. f.) D. Hou	Rengas paya	OSF, LDF, HDF, SRF	
<i>Gluta</i> spp. (4 species)	Rengas	OSF, LDF, HDF, SRF	
<i>Mangifera caesia</i> Jack	Binjai	LDF,	
<i>Mangifera griffithii</i> Hook. f.	Raba	AF, OSF, LDF, HDF, SMF	
<i>Mangifera pajang</i> Kosterm.	Embang	OSF	Rare
<i>Mangifera parvifolia</i> Boerl. & Koord.	Raba	OSF, LDF, HDF, SRF, SMF	
<i>Mangifera pentandra</i> Hook. f.	Raba	RF	
<i>Mangifera torquenda</i> Kosterm.	Kemantan	MDF	
<i>Mangifera</i> sp.	Raba	LDF, SRF	Rare
<i>Melanochyla beccariana</i> Oliv.	Rengas paya	HDF, SRF	Rare
<i>Melanochyla caesia</i> (Bl.) D. Hou	Rengas	LDF, HDF, SRF	Rare
<i>Melanochyla elmeri</i> Merr.	Rengas hitam	OSF, LDF	
<i>Melanochyla fulvinervis</i> (Bl.) D. Hou	Rengas	LDF, SRF	Rare
<i>Melanochyla</i> spp. (2 species)	Rengas	LDF, OSF	Rare
<i>Parishia insignis</i> Hook. f.	Upi bung	OSF	Rare
<i>Parishia maingayi</i> Hook. f.	Upi paya	HDF	Rare
<i>Parishia</i> sp.	Upi	AF	Rare
<i>Semecarpus bunburyanus</i> Gibbs	Rengas	SRF, OSF	Rare
<i>Semecarpus cuneiformis</i> Blanco	Rengas	OSF	Rare
<i>Semecarpus glaucus</i> Engl.	Rengas	AF, OSF, LDF, HDF	Rare
<i>Semecarpus minutipetalus</i> Kochummen	Rengas	LDF	
<i>Semecarpus sandakanus</i> Kochummen	Rengas	MDF	
<i>Semecarpus</i> sp.	Rengas	OSF, LDF	
<i>Solenocarpus philippinensis</i> (Elmer) Kosterm.	Rengas	MDF	
<i>Swintonia acuta</i> Engl.	Pitoh ayer	LDF, HDF	
<i>Swintonia glauca</i> Engl.	Pitoh paya	LDF, HDF, SRF	
<i>Swintonia schwenkii</i> (Teysm. & Binn.) Teysm. & Binn. ex Hook. f.	Pitoh	RF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Swintonia</i> sp.	Pitoh	LDF, HDF	
<b>ANISOPHYLLEACEAE</b>			
<i>Anisophyllea beccariana</i> Baill.	Mertama	AF, OSF, LDF, HDF, SRF	
<i>Anisophyllea corneri</i> D. Hou	Mertama	LDF, HDF, SRF, SMF	
<i>Anisophyllea disticha</i> (Jack) Baill.	Mertama ribu	OSF, LDF, HDF, SRF	
<i>Anisophyllea ferruginea</i> D. Hou	Mertama	OSF, LDF	
<i>Anisophyllea</i> sp.	Mertama	LDF, SRF	
<b>ANNONACEAE</b>			
<i>Alphonsea johorensis</i> J. Sinclair	Selukai/Semukau	LDF, HDF	
<i>Anaxagorea borneensis</i> (Becc.) J. Sinclair	Pendok/Selukai/Semukau	OSF, AF, LDF, HDF	
<i>Anaxagorea</i> sp.	Semukau	AF, LDF	
<i>Artabotrys cf. roseus</i> Boerl.		MDF	
<i>Cyathocalyx biovulatus</i> Boerl.	Selemo paya/ Pendok	OSF, LDF	
<i>Cyathocalyx carinatus</i> (Ridl.) J. Sinclair	Pendok	OSF, LDF, HDF	Rare
<i>Cyathocalyx havilandii</i> Boerl.	Selemo/Pendok	OSF, LDF, HDF	
<i>Cyathocalyx magnificus</i> (Diels) J. Sinclair	Selemo/Pendok	AF, LDF, HDF	Rare
<i>Cyathocalyx ridleyi</i> J. Sinclair	Pendok jugam	AF	Rare
<i>Cyathocalyx</i> sp.	Selemo	LDF, SRF	Rare
<i>Dasymachalon clusiflorum</i> Merr.	Semukau	AF	
<i>Desmos dasymaschala</i> (Bl.) Saff.	Semukau	LDF	Rare
<i>Desmos dumosa</i> (Roxb.) Saff.	Semukau	MDF	
<i>Disepalum anomalum</i> Hook. f.	Karai manok/ Selukai lada	AF, SRF	
<i>Disepalum cf. pulchrum</i> (King) J. Sinclair	Hujan panas	SRF	Rare
<i>Enicosanthum coriaceum</i> (Ridl.) Airy Shaw	Karai/Selukai/ Semukau	OSF, LDF, HDF	
<i>Enicosanthum grandiflorum</i> (Becc.) Airy Shaw	Karai	OSF	Rare
<i>Enicosanthum paradoxum</i> Becc.	Karai	LDF	
<i>Enicosanthum</i> sp.	Karai	LDF	
<i>Goniothalamus longistipes</i> Mat Salleh	Semukau	OSF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Goniothalamus macrophyllus</i> (Bl.) Hook. f. & Thoms.	Selukai	SRF	Rare
<i>Goniothalamus malayanus</i> Hook. f. & Thoms.	Kayu hujan panas/ Selukai	OSF, LDF, SMF, MF	
<i>Goniothalamus parallelovenius</i> Ridl.	Semukau	AF	
<i>Goniothalamus ridley</i> King	Semukau	MF	
<i>Goniothalamus rufus</i> Miq.	Semukau	LDF	Rare
<i>Goniothalamus sinclairianus</i> Mat Salleh	Semukau	MDF	
<i>Goniothalamus</i> spp. (4 species)	Selukai/Semukau	AF, LDF	
<i>Goniothalamus tapis</i> Miq.		MDF	
<i>Goniothalamus cf. tapisoides</i> Mat Salleh	Selukai	MF	
<i>Goniothalamus uvarioides</i> King		MDF	
<i>Goniothalamus velutinus</i> Airy Shaw	Kayu hujan panas	HDF	Rare
<i>Marsypopetalum pallidum</i> (Bl.) Kurz	Semukau	OSF	Rare
<i>Mezzettia leptopoda</i> (Hook. f. & Thoms.) Oliv.	Kepayang babi	AF, LDF, SMF	Rare
<i>Mezzettia macrocarpa</i> Heijden & Kesler.	Kepayang babi	LDF	Rare
<i>Mezzettia parvifolia</i> Becc.	Kepayang babi	LDF, SMF	Rare
<i>Mitrephora glabra</i> Scheff.	Semukau/Karai	RF	
<i>Monocarpia eunneura</i> Miq.	Karai	LDF	Rare
<i>Monocarpia marginalis</i> (Scheff.) J. Sinclair	Karai/Semukau	HDF	Rare
<i>Neouvaria acuminatissima</i> (Miq.) Airy Shaw	Karai	OSF, LDF	Rare
<i>Neouvaria cf. foetida</i> (Maingay ex Hook. f.) Airy Shaw	Karai	MDF	
<i>Neouvaria</i> sp.	Karai	MDF	
<i>Polyalthia borneensis</i> Merr.	Semukau	MDF	
<i>Polyalthia canangioides</i> (Zoll.) Boerl.	Karai/Semukau	OSF, LDF	
<i>Polyalthia cauliflora</i> Hook. f. & Thomson	Karai/Semukau	OSF, LDF, HDF, SRF	
<i>Polyalthia cauliflora</i> Hook. f. & Thomson <i>var. beccarii</i>	Semukau	LDF, HDF	
<i>Polyalthia cauliflora</i> Hook. f. & Thomson <i>var. cauliflora</i>	Semukau	HDF	Rare
<i>Polyalthia clavigera</i> King	Semukau	OSF	Rare
<i>Polyalthia flagellaris</i> (Becc.) Airy Shaw	Semukau	OSF, SRF	
<i>Polyalthia cf. gabra</i> Scheff.	Semukau	MDF	
<i>Polyalthia glauca</i> (Hassk.) Boerl.	Dilleh/Dilasai	OSF, LDF, HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Polyalthia cf. hookeriana</i> King	Semukau	MDF	
<i>Polyalthia hypoleuca</i> Hook. f. & Thomson	Selaut/Dilasai	AF, OSF, LDF, HDF, SRF	
<i>Polyalthia cf. lapadhantha</i> Diels	Semukau	RF	
<i>Polyalthia lateriflora</i> (Bl.) King	Karai	LDF	Rare
<i>Polyalthia motleyana</i> (Hook. f.) Airy Shaw	Semukau	OSF, LDF, HDF, MDF	
<i>Polyalthia rumphii</i> (Bl.) Merr.	Karai/Semukau	LDF	Rare
<i>Polyalthia sumatrana</i> (Miq.) Kurz	Karai/Semukau	OSF, LDF, HDF	
<i>Polyalthia tenuipes</i> (Merr.) Merr.	Semukau	Rheophyte	
<i>Polyalthia tomentosa</i> Maingay	Semukau	OSF	Rare
<i>Polyalthia xanthopetala</i> Merr.	Semukau	LDF	
<i>Polyalthia</i> spp. (7 species)	Karai kecil/ Selukai	AF, OSF, LDF, HDF, SRF, MF	
<i>Popowia odoardi</i> Diels	Semukau	LDF	Rare
<i>Popowia pisocarpa</i> (Bl.) Endl.	Semukau	AF, OSF, HDF	
<i>Popowia tomentosa</i> Maingay	Semukau	HDF	Rare
<i>Popowia</i> spp. (2 species)	Semukau	OSF, LDF	
<i>Pseuduvaria cf. reticulata</i> (Bl.) Merr.	Semukau	OSF	Rare
<i>Sageraea lanceolata</i> Miq.	Semukau	LDF	Rare
<i>Triulvaria nervosa</i> (Hook. f. & Thoms.) J. Sinclair	Semukau	LDF	
<i>Triulvaria</i> sp.	Semukau	MDF	
<i>Uvaria cauliflora</i> Ridl.		MDF	
<i>Uvaria</i> sp.		MDF	
<i>Woodiella sympetala</i> Merr.	Semukau	HDF	Rare
<i>Xylopiia caudata</i> Hook. f. & Thomson	Ako/Suloh	OSF, LDF, HDF, MF	
<i>Xylopiia ferruginea</i> (Hook. f. & Thomson) Hook. f. & Thomson	Ako	AF	Rare
<i>Xylopiia malayana</i> Hook. f. & Thomson	Ako	SMF	Rare
<i>Xylopiia stenopetala</i> Oliv.	Ako	MF	
Unidentified		LDF	Rare
<b>APOCYNACEAE</b>			
<i>Alstonia angustiloba</i> Miq.	Pelai	AF, OSF	
<i>Dyera costulata</i> Hook. f.	Jelutong bukit	LDF	
<i>Kibatalia borneensis</i> (Stapf) Merr.	Pelai uchong/ Kapis hutan	AF	
<i>Kibatalia maingayi</i> (Hook. f.) R.D. Wood	Pelai	LDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Rauvolfia</i> sp.		OSF	
<i>Tabernaemontana macrocarpa</i> Jack	Badak/Pelir kambing	AF, SRF	Rare
<b>AQUIFOLIACEAE</b>			
<i>Ilex cissoidea</i> Loes.	Kerdam	MDF, MF	Rare
<i>Ilex hypoglauca</i> (Miq.) Loes.	Kerdam mungkulat	SMF	
<i>Ilex cf. sappiana</i> Loes.	Kerdam	RF	
<i>Ilex</i> sp.	Kerdam	MDF	
<b>ARALIACEAE</b>			
<i>Arthrophyllum ovatum</i> Ridl.	Tumboh kelapa	LDF, SMF	Rare
<i>Schefflera havilandii</i> Merr.	Tumboh kelapa	MF	
<i>Schefflera</i> sp.	Tumboh kelapa	MF	Rare
<b>ARAUCARIACEAE</b>			
<i>Agathis borneensis</i> Warb.	Bindang	HDF	
<b>BOMBACACEAE</b>			
<i>Coelostegia borneensis</i> Becc.	Durian	AF, HDF	Rare
<i>Durio acutifolius</i> (Mast.) Kosterm.	Durian	OSF, LDF, HDF, SRF	
<i>Durio affinis</i> Becc.	Durian	LDF, HDF	
<i>Durio excelsus</i> (Korth.) Bakh.	Durian	MDF	
<i>Durio grandiflorus</i> (Mast.) Kosterm.	Durian	LDF	Rare
<i>Durio graveolens</i> Becc.	Durian	AF, LDF	Rare
<i>Durio griffithii</i> (Mast.) Bakh.	Lisoh	OSF	Rare
<i>Durio kutejensis</i> (Hassk.) Becc.	Durian isu	OSF, LDF, SRF	
<i>Durio lanceolatus</i> Mast.	Durian	LDF, HDF	Rare
<i>Durio malaccensis</i> Planch. <i>ex</i> Mast.	Durian	LDF, HDF, SRF, SMF, SMF	
<i>Durio oblongus</i> Mast.	Durian	LDF	Rare
<i>Durio oxleyanus</i> Griff.	Durian beludu	OSF	Rare
<i>Durio testudinarum</i> Becc.	Durian kura-kura	HDF	
<i>Durio zibethinus</i> Murray	Durian	RF	
<i>Durio</i> sp.	Durian/Durian burong	HDF	Rare
<i>Neesia glabra</i> Becc.	Bengang	AF	Rare
<i>Neesia malayana</i> Bakh.	Bengang	SMF	Rare
<i>Neesia piluliflora</i> Becc.	Bengang daun besar	HDF	Rare
<i>Neesia synandra</i> Mast.	Bengang daun kecil	OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<b>BURSERACEAE</b>			
<i>Canarium apertum</i> H.J. Lam	Seladah	OSF, LDF, HDF, SRF	
<i>Canarium denticulatum</i> Bl.	Seladah	OSF	
<i>Canarium divergens</i> Engl.	Seladah	AF, LDF, SRF	Rare
<i>Canarium fusco-calycinum</i> Stapf ex Ridl.	Seladah	AF	Rare
<i>Canarium littorale</i> Bl.	Seladah	AF, OSF, LDF, HDF, SRF	
<i>Canarium littorale</i> Bl. <i>f.</i> <i>rufum</i>	Seladah	LDF, HDF	Rare
<i>Canarium littorale</i> Bl. <i>f.</i> <i>littorale</i>	Tungang	HDF	
<i>Canarium megalanthum</i> Merr.	Dabei	HDF	Rare
<i>Canarium merrillii</i> H.J. Lam	Seladah	OSF, LDF	
<i>Canarium odontophyllum</i> Miq.	Seladah/Dapai	OSF	Rare
<i>Canarium pilosum</i> A.W. Benn.	Seladah	OSF, HDF	Rare
<i>Canarium cf. sarawakanum</i> Kochummen	Buah sala	LDF	
<i>Canarium</i> spp.	Seladah/Kedondong	AF, OSF, LDF, SRF	
<i>Dacryodes costata</i> (Benn.) H.J. Lam	Seladah	LDF	Rare
<i>Dacryodes incurvata</i> (Engl.) H.J. Lam	Seladah laut	OSF, LDF, HDF, SRF, SMF, MF	
<i>Dacryodes laxa</i> (Benn.) H.J. Lam	Seladah	LDF	Rare
<i>Dacryodes longifolia</i> (King) H. J. Lam	Seladah	OSF, LDF, HDF	
<i>Dacryodes nervosa</i> (H.J. Lam) Leenh.	Seladah	OSF, LDF	Rare
<i>Dacryodes rostrata</i> (Bl.) H.J. Lam	Seladah/Kemayau	AF, OSF, LDF, HDF, SRF	
<i>Dacryodes rubiginosa</i> (A.W. Benn.) H.J. Lam	Seladah	HDF, SRF, LDF	Rare
<i>Dacryodes rugosa</i> (Bl.) H.J. Lam	Seladah	AF, OSF, LDF, HDF, SRF	
<i>Dacryodes rugosa</i> (Bl.) H.J. Lam <i>var.</i> <i>virgata</i> (Bl.) H.J. Lam	Seladah	SRF	
<i>Dacryodes</i> sp.	Seladah	AF, OSF, LDF, HDF, SRF	
<i>Santiria apiculata</i> A.W. Benn.	Seladah	AF, OSF, LDF, HDF, SRF	
<i>Santiria apiculata</i> A.W. Benn. <i>var.</i> <i>apiculata</i>	Seladah	MDF	
<i>Santiria apiculata</i> A.W. Benn. <i>var.</i> <i>pilosa</i>	Seladah	OSF, LDF, HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Santiria conferta</i> A.W. Benn.	Seladah	HDF	
<i>Santiria grandiflora</i> Kalkman	Seladah	LDF	Rare
<i>Santiria griffithii</i> (Hook. f.) Engl.	Seladah	OSF, LDF, HDF, SRF	
<i>Santiria cf. impressinervis</i> Kochummen	Seladah	MF	
<i>Santiria laevigata</i> Bl.	Seladah runching	AF, OSF, LDF, HDF, SRF	
<i>Santiria laevigata</i> Bl. f. <i>glabrifolia</i> (Engl.) H.J. Lam	Seladah	OSF, SRF	
<i>Santiria laevigata</i> Bl. f. <i>laevigata</i>	Seladah runching	HDF	Rare
<i>Santiria megaphylla</i> Kalkman	Seladah	AF, OSF, LDF	
<i>Santiria oblongifolia</i> Bl.	Seladah	OSF, LDF	Rare
<i>Santiria rubiginosa</i> Bl.	Seladah daun kecil	LDF, HDF, SRF, MF	
<i>Santiria rubiginosa</i> Bl. var. <i>pedicellata</i>	Seladah	OSF	
<i>Santiria tomentosa</i> Bl.	Seladah bulu	AF, OSF, LDF, HDF	
<i>Santiria</i> spp. (2 species)	Seladah	AF, OSF, LDF, HDF, MF	
<i>Scutinanthe brunnea</i> Thwaites	Seladah	AF, OSF	Rare
Unidentified		HDF	Rare
<b>CAPPARIDACEAE</b>			
<i>Capparis buwaldae</i> Jacobs		RF	
<b>CELASTRACEAE</b>			
<i>Bhesa paniculata</i> Arn.	Simun	AF, OSF, LDF, HDF, SRF, SMF, MF	
<i>Euonymus cf. cochinchinensis</i> Pierre	-	SMF	
<i>Euonymus glandulosus</i> (Merr.) D. Hou	Bajan daun licin	MDF	
<i>Kokoona littoralis</i> Lawson	Bajan	LDF	
<i>Kokoona reflexa</i> (Lawson) D. Hou	Bajan	LDF, HDF, SRF, MF	
<i>Lophopetalum beccarianum</i> Pierre	Perupok	LDF	
<i>Lophopetalum glabrum</i> D. Hou	Perupok	LDF, HDF, SRF	
<i>Lophopetalum multinervium</i> Ridl.	Perupok paya	AF, LDF	
<i>Lophopetalum pallidum</i> Lawson	Keroi/Kerueh	HDF	Rare
<i>Lophopetalum rigidum</i> Ridl.	Perupok pandang	OSF, LDF, HDF, SRF, SMF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Microtropis sarawakensis</i> Kochummen	Perupok	AF	
<i>Microtropis</i> sp.	Perupok	OSF	Rare
<i>Microtropis</i> sp. nov.	Perupok	MDF	
<i>Perrottetia alpestris</i> (Bl.) Loes.	Rukam/ Merkumbang	RF	
<i>Perrottetia alpestris</i> (Bl.) Loes. ssp. <i>philippinensis</i> (Vidal) D. Hou	Perupok	RF	
<b>CHRYSOBALANACEAE</b>			
<i>Atuna excelsa</i> (Jack) Kosterm.	Merbatu	LDF, HDF	Rare
<i>Kostermanthus heteropetalus</i> (Scort. ex King) Prance	Merbatu	LDF	Rare
<i>Parastemon spicatum</i> Ridl.	Ngilas padang	OSF, LDF, HDF	
<i>Parastemon urophyllum</i> (A. DC.) A. DC.	Ngilas paya	HDF	Rare
<i>Parinari canarioides</i> Kosterm.	Merbatu	LDF	Rare
<i>Parinari glaberrima</i> Hassk.	Merbatu	HDF	Rare
<i>Parinari polyneura</i> Miq.	Merbatu	LDF	Rare
<i>Parinari villamillii</i> Merr.	Merbatu	LDF	Rare
<b>CLETHRACEAE</b>			
<i>Clethra longispicata</i> J.J. Sm.	Kayu anor	SMF	
<b>CLUSIACEAE</b>			
<i>Calophyllum andersonii</i> P.F. Stevens	Bintangor	MDF	
<i>Calophyllum banyengii</i> P.F. Stevens	Bintangor	MDF	
<i>Calophyllum blancoi</i> Planch & Triana	Bintangor	OSF, LDF	
<i>Calophyllum canum</i> Hook. f.	Bintangor	OSF	Rare
<i>Calophyllum castaneum</i> P.F. Stevens	Bintangor	MDF	
<i>Calophyllum depressinervosum</i> Hend. et Wyatt-Sm.	Bintangor	OSF	
<i>Calophyllum dioscurii</i> P.F. Stevens	Bintangor	SRF	
<i>Calophyllum gracilipes</i> Merr.	Bintangor	OSF, LDF, HDF, SRF	
<i>Calophyllum incrassatum</i> Hend. & Wyatt-Sm.	Bintangor	SMF, MF	
<i>Calophyllum molle</i> King	Bintangor	LDF, HDF, SRF	
<i>Calophyllum nodosum</i> Vesq.	Bintangor	OSF, HDF, SRF, SMF, MF	
<i>Calophyllum pulcherrimum</i> Wall. ex Planch.	Bintangor	OSF, LDF, HDF, SRF	



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Calophyllum recurvatum</i> P.F. Stevens	Bintangor	AF, OSF, LDF	
<i>Calophyllum rubiginosum</i> Hend. & Wyatt-Sm.	Bintangor	OSF	
<i>Calophyllum soulattri</i> Burm.	Bintangor madu	HDF	Rare
<i>Calophyllum tetragonum</i> Merr.	Bintangor	MF	Rare
<i>Calophyllum cf. teysmanii</i> Miq.	Bintangor	MDF	
<i>Calophyllum woodii</i> P.F. Stevens	Bintangor	AF	
<i>Calophyllum</i> spp. (4 species)	Bintangor	AF, OSF, LDF, HDF, SRF, MF	
<i>Garcinia baillonii</i> Pierre	Kandis	OSF, RF	Rare
<i>Garcinia bancana</i> Miq.	Kandis/Manggis hutan	HDF, SMF	
<i>Garcinia cf. bancana</i> (Miq.) Miq. <i>var. curtisii</i> (Ridl.) Whitmore	Manggis hutan	MDF	
<i>Garcinia beccarii</i> Pierre	Kandis	OSF, HDF, SRF, MF	
<i>Garcinia benthamiana</i> Pierre	Kandis	LDF	Rare
<i>Garcinia blumei</i> Pierre	Kandis	OSF, LDF, HDF, SRF, SMF, MF	
<i>Garcinia brevipes</i> Pierre	Kandis	AF, HDF, SRF	
<i>Garcinia caudiculata</i> Ridl.	Kandis	OSF, LDF, SRF, SMF	
<i>Garcinia cuneifolia</i> Pierre	Kandis padang	SMF, MF	
<i>Garcinia cuspidata</i> King	Kandis daun kecil	AF, LDF, HDF, SRF, MF	
<i>Garcinia desrousseaxii</i> Pierre	Kandis	SRF	Rare
<i>Garcinia diversifolia</i> King	Kandis	AF, HDF	Rare
<i>Garcinia dryobalanoides</i> Pierre	Kandis	OSF, LDF, HDF, SRF, SMF, MF	
<i>Garcinia dulcis</i> (Roxb.) Kurz	Kandis	SRF, SMF, MF	
<i>Garcinia dumosa</i> King	Kandis	MDF	
<i>Garcinia eugeniifolia</i> Wall.	Kandis	AF, OSF, SRF, SMF	
<i>Garcinia forbesii</i> King	Kandis	AF, OSF	Rare
<i>Garcinia gaudichaudii</i> Planch. <i>et</i> Triana	Kandis	HDF	Rare
<i>Garcinia grahami</i> Pierre	Kandis	LDF, HDF	
<i>Garcinia havilandii</i> Stapf	Kandis	OSF, HDF	Rare
<i>Garcinia hendersoniana</i> Whitmore	Kandis	HDF	Rare
<i>Garcinia lateriflora</i> Bl.	Kandis	AF, OSF, SRF	
<i>Garcinia maingayi</i> Hook. <i>f. ex</i> T. Anders.	Kandis	AF, OSF, SMF, MF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Garcinia mangostana</i> L.	Kandis	LDF, HDF, SRF	
<i>Garcinia minimiflora</i> Ridl.	Kandis	SRF, MF	
<i>Garcinia miqueli</i> Pierre	Kandis assam	OSF, LDF, HDF	
<i>Garcinia motleyana</i> Pierre	Kandis	HDF, SRF	Rare
<i>Garcinia myristicaefolia</i> Pierre	Kandis	HDF, SRF	
<i>Garcinia nervosa</i> Miq.	Kandis	SMF	
<i>Garcinia nitida</i> Pierre	Kandis	HDF, SMF, MF	
<i>Garcinia parvifolia</i> (Miq.) Miq.	Kandis/Sempat tebu	HDF	
<i>Garcinia rostrata</i> Hassk.	Kandis	HDF	Rare
<i>Garcinia cf. uniflora</i> King	Kandis	SRF	Rare
<i>Garcinia vidua</i> Ridl.	Kandis daun bulat/ Lulai	AF, LDF, HDF	
<i>Garcinia</i> spp. (13 species)	Kandis	AF, OSF, LDF, HDF, SRF, SMF	
<i>Kayea congestiflora</i> P.F. Stevens	Mergasing	MDF	
<i>Mammea acuminata</i> (Kosterm.) Kosterm.	Mergasing	AF, LDF	Rare
<i>Mesua cf. beccariana</i> (Ridl.) Kosterm.	Mergasing	MDF	
<i>Mesua borneensis</i> P.F. Stevens	Mergasing	AF, OSF	Rare
<i>Mesua calophylloides</i> (Ridl.) Kosterm.	Mergasing daun kecil	OSF, LDF, HDF, SRF	
<i>Mesua collinum</i> P.F. Stevens	Mergasing	LDF, SMF	
<i>Mesua elmeri</i> (Merr.) Kosterm.	Mergasing	SRF, SMF	
<i>Mesua macrantha</i> (Baill.) Kosterm.	Mergasing	SRF	Rare
<i>Mesua myrtifolia</i> (Baill.) Kosterm.	Mergasing	OSF, HDF	
<i>Mesua oblongifolia</i> (Ridl.) Kosterm.	Mergasing	HDF	Rare
<i>Mesua scalarinervosa</i> P.F. Stevens	Mergasing	LDF	Rare
<i>Mesua</i> sp. nov.	Mergasing	LDF, HDF	Rare
<i>Mesua</i> spp. (2 species)	Mergasing	LDF, HDF, SRF	
<b>COMBRETACEAE</b>			
<i>Terminalia foetidissima</i> Griff.	Kedandi	OSF, SMF	
<i>Terminalia subspathulata</i> King	Kedandi	OSF	Rare
<b>COMPOSITAE</b>			
<i>Vernonia arborea</i> Buch.-Ham.	Entepong	SRF, MF	
<b>CONVOLVULACEAE</b>			
<i>Erycibe borneensis</i> (Merr.) Hoogland	Nyalin kikir	LDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Erycibe borneensis</i> (Merr.) Hoogland <i>var. collina</i> Hoogland	Nyalin kikir	MDF	
<i>Erycibe bullata</i> Ridl. <i>ex</i> Hoogland	Nyalin kikir	LDF, HDF	Rare
<i>Erycibe crassipes</i> Ridl. <i>ex</i> Hoogland	Nyalin kikir	SRF	Rare
<i>Erycibe glomerata</i> Bl.	Nyalin kikir	LDF, HDF, SRF	
<i>Erycibe glomerata</i> Bl. <i>var.</i> <i>angustifolia</i> (Hook. <i>f.</i> ) Hoogland	Nyalin kikir	LDF	
<i>Erycibe impressa</i> Hoogland	Nyalin kikir	AF	Rare
<i>Erycibe</i> sp.	Nyalin kikir	AF, LDF	Rare
<b>CORNACEAE</b>			
<i>Mastixia eugenoides</i> Matthew	Mitan ubah	LDF, HDF, SMF	
<i>Mastixia rostrata</i> Bl.	Mitan daun kecil	OSF, LDF, HDF	Rare
<i>Mastixia trichotoma</i> Bl.	Itan beruang	LDF, HDF, SMF	Rare
<i>Mastixia trichotoma</i> Bl. <i>var.</i> <i>rhyrachocarpa</i>	Mitan	SRF	Rare
<i>Mastixia</i> sp.	Mitan	SRF	Rare
<b>CRYPTERONIACEAE</b>			
<i>Crypteronia glabriflora</i> Pereira & Wong	Ubah semut	MDF	
<i>Crypteronia griffithii</i> Cl.	Ubah semut	HDF	
<i>Crypteronia macrophylla</i> Beusekom	Ubah semut	AF, OSF, LDF, HDF	
<i>Crypteronia paniculata</i> Bl. <i>var.</i> <i>paniculata</i>	Ubah semut/Maba	MDF	
<i>Crypteronia</i> sp.	Ubah semut	OSF, LDF, HDF, SMF	
<b>CTENOLOPHONACEAE</b>			
<i>Ctenolophon parvifolius</i> Oliv.	Litoh	LDF, SRF	
<b>DILLENIACEAE</b>			
<i>Dillenia excelsa</i> (Jack) Gilg	Simpur	AF, OSF, LDF	
<i>Dillenia excelsa</i> (Jack) Gilg <i>var.</i> <i>excelsa</i>	Simpur	AF, OSF	
<i>Dillenia grandiflora</i> Wall.	Simpur	OSF	Rare
<i>Dillenia indica</i> L.	Simpur	AF	Rare
<i>Dillenia reticulata</i> King	Simpur	AF, OSF, SRF	Rare
<i>Dillenia suffruticosa</i> (Griff.) Martelli	Simpur gajah	AF	Rare
<i>Dillenia</i> sp.	Simpur	AF, OSF, LDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<b>DIPTEROCARPACEAE</b>			
<i>Anisoptera costata</i> Korth.	Mersawa kesat	AF, LDF	Rare
<i>Anisoptera grossivenia</i> Slooten	Mersawa kunyit	LDF	Rare
<i>Anisoptera laevis</i> Ridl.	Mersawa durian	LDF, HDF	Rare
<i>Anisoptera marginata</i> Korth.	Mersawa paya	LDF	Rare
<i>Anisoptera cf. reticulata</i> Korth.	Mersawa paya	LDF	Rare
<i>Cotylelobium melanoxlon</i> (Hook. f.) Pierre	Resak hitam	HDF	Rare
<i>Dipterocarpus acutangulus</i> Vesque	Keruing beludu	LDF, HDF	
<i>Dipterocarpus conformis</i> Slooten	Keruing beludu kuning	OSF, LDF	
<i>Dipterocarpus crinitus</i> Dyer	Keruing mempelas	LDF, HDF	
<i>Dipterocarpus kunstleri</i> King	Keruing	AF	Rare
<i>Dipterocarpus nudus</i> Vesque	Keruing licin	AF	Rare
<i>Dipterocarpus oblongifolius</i> Bl.	Keruing ensurai	RF	
<i>Dipterocarpus palembanicus</i> Slooten	Keruing ternek	AF, LDF	
<i>Dipterocarpus cf. eurynchus</i> Miq.	Keruing	MDF	
<i>Dipterocarpus</i> sp.	Keruing arong	AF, LDF	Rare
<i>Dryobalanops oblongifolia</i> Dyer	Kapur kelansau	LDF	Rare
<i>Hopea bracteata</i> Burck	Luis padi	LDF, HDF, SRF	
<i>Hopea bullatifolia</i> Ashton	Luis melecur	HDF, HDF	
<i>Hopea dryobalanoides</i> Miq.	Mata kuching hitam	HDF, SRF, SMF	
<i>Hopea dyeri</i> Heim	Luis palit	AF, OSF, SRF	
<i>Hopea flaviflora</i> Ashton	Luis air	LDF	Rare
<i>Hopea griffithii</i> Kurz	Luis nyawar	LDF, HDF, SRF	
<i>Hopea kerangasensis</i> Ashton	Luis kerangas	SRF	Rare
<i>Hopea latifolia</i> Symington	Luis daun bulat	LDF	Rare
<i>Hopea pachycarpa</i> (Heim) Symington	Luis	AF, HDF	Rare
<i>Hopea pterygota</i> Ashton	Luis	LDF	
<i>Hopea semicuneata</i> Symington	Luis	SMF	Rare
<i>Hopea</i> spp. (6 species)	Luis	AF, OSF, LDF, HDF, SRF,	
<i>Parashorea macrophylla</i> Wyatt-Sm. <i>ex</i> Ashton	Peran/Bilat	OSF	Rare
<i>Shorea acuta</i> Ashton	Meranti kawang tikus	AF	Rare
<i>Shorea agamii</i> Ashton	Meranti putih timbul	HDF	
<i>Shorea amplexicaulis</i> Ashton	Engkabang pinang	LDF, HDF	
<i>Shorea beccariana</i> Burck	Meranti langgai	AF, LDF, HDF	
<i>Shorea borneensis</i> Burck	Meranti	HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Shorea brunnescens</i> Ashton	Selangan batu tinteng	LDF	
<i>Shorea compressa</i> Burck	Meranti	MF	Rare
<i>Shorea dasphylla</i> Foxw.	Meranti	AF, HDF	
<i>Shorea domatiosa</i> Ashton	Selangan batu	LDF, HDF	
<i>Shorea elliptica</i> Burck	Meranti lang	AF, LDF, MF	
<i>Shorea faguetiana</i> Heim	Lun siput	LDF, HDF, SRF	
<i>Shorea falcifera</i> Dyer <i>ex</i> Brandis	Selangan batu keruing	MDF	
<i>Shorea fallax</i> Meijer	Engkabang layar	HDF, SRF	Rare
<i>Shorea ferruginea</i> Brandis	Meranti menalit	LDF, HDF	
<i>Shorea gibbosa</i> Brandis	Lun gajah	SRF	Rare
<i>Shorea havilandii</i> Brandis	Selangan batu pinang	AF	
<i>Shorea hopeifolia</i> (Heim) Symington	Lun siput jantan	LDF, HDF	
<i>Shorea iliasii</i> Ashton	Lun	SRF	Rare
<i>Shorea laevis</i> Ridl.	Meranti/Mikai/Seraya	AF, LDF, HDF, SMF	
<i>Shorea leprosula</i> Miq.	Meranti tembaga	AF, OSF, LDF, HDF	
<i>Shorea longiflora</i> (Brandis) Symington	Lun paya	SMF	
<i>Shorea macrobalanos</i> Ashton	Engkabang melapi	AF, LDF	Rare
<i>Shorea macrophylla</i> (de Vries) Ashton	Engkabng jantung	RF	
<i>Shorea macroptera</i> Dyer	Meranti melantai	LDF, HDF	
<i>Shorea maxwelliana</i> King	Kumus hitam	HDF, SRF	Rare
<i>Shorea monticola</i> Ashton	Meranti gunong	MF	
<i>Shorea multiflora</i> (Burck) Symington	Lun jantan	HDF	
<i>Shorea myrionerva</i> Symington <i>ex</i> Ashton	Meranti sepit udang	AF	
<i>Shorea ochracea</i> Symington	Meranti/Raruk	AF, OSF, LDF	
<i>Shorea ovalis</i> (Korth.) Bl.	Meranti luang	LDF	Rare
<i>Shorea ovata</i> Dyer <i>ex</i> Brandis	Meranti pitis	LDF	Rare
<i>Shorea palembanica</i> Miq.	Engkabang asu	AF	Rare
<i>Shorea parvifolia</i> Dyer	Meranti sarang punai	AF, OSF, LDF, HDF, SRF	
<i>Shorea parvistipulata</i> Heim	Engkabang pinang bersisik	AF, HDF	Rare
<i>Shorea pauciflora</i> King	Nemesu	AF, OSF, LDF, HDF	
<i>Shorea pilosa</i> Ashton	Meranti bulu	LDF, HDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Shorea pinanga</i> Scheff.	Meranti langgai bukit	LDF, HDF	
<i>Shorea pubistyla</i> Ashton	Meranti bulu merah	LDF	
<i>Shorea quadrinervis</i> Slooten	Meranti sudu	LDF	
<i>Shorea rubra</i> Ashton	Meranti merah kesumba	LDF	Rare
<i>Shorea sagittata</i> Ashton	Meranti daun mata lembing	AF, LDF	
<i>Shorea scaberrima</i> Burck	Meranti paya bersisek	AF, LDF, HDF, SRF	
<i>Shorea scabrida</i> Symington	Meranti lop	AF, OSF, LDF, HDF	
<i>Shorea smithiana</i> Symington	Meranti rambai	SRF	Rare
<i>Shorea</i> spp. (18 species)	Meranti/Lun	AF, LDF, HDF, SRF	
<i>Vatica borneensis</i> Symington	Resak kemudi	HDF	
<i>Vatica dulitensis</i> Symington	Resak tiong	HDF	Rare
<i>Vatica havilandii</i> Brandis	Resak degong	AF	
<i>Vatica micrantha</i> Slooten	Resak hijau	LDF, HDF	
<i>Vatica nitens</i> King	Resak daun panjang	HDF	Rare
<i>Vatica oblongifolia</i> Hook. f.	Resak membangan	AF, LDF, HDF, SRF, SMF	
<i>Vatica odorata</i> (Griff.) Symington	Resak ranting kesat	SRF	Rare
<i>Vatica parvifolia</i> Ashton	Resak kerangas	AF, LDF	
<i>Vatica sarawakensis</i> Heim	Resak daun besar	LDF, HDF	
<i>Vatica umbonata</i> (Hook. f.) Burck	Resak air	AF, OSF, LDF, HDF, SRF	
<i>Vatica vinosa</i> Ashton	Resak tangkai ungu	AF, LDF, HDF	
<i>Vatica cf. chartacea</i> Ashton	Resak	MDF	
<i>Vatica</i> spp. (7 species)	Resak	AF, SRF	
<b>EBENACEAE</b>			
<i>Diospyros anadamanica</i> (Kurz) Bakh.	Kayu malam	RF	
<i>Diospyros beccarii</i> Hiern	Kayu malam	HDF	Rare
<i>Diospyros borneensis</i> Hiern	Kayu malam	LDF	
<i>Diospyros cf. brachiata</i> King & Gamble	Kayu malam	MF	
<i>Diospyros buxifolia</i> (Bl.) Hiern	Kayu malam ribu	SMF	Rare
<i>Diospyros cauliflora</i> Bl.	Kayu malam	OSF	Rare
<i>Diospyros clementum</i> Bakh.	Kayu malam	SMF	Rare
<i>Diospyros confertiflora</i> (Hiern) Bakh.	Kayu malam	HDF	Rare
<i>Diospyros confusa</i> Bakh.	Kayu malam	RF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Diospyros consanguinea</i> Merr.	Kayu malam balik	LDF, HDF	
<i>Diospyros curranii</i> Bakh.	Kayu malam entam	HDF	Rare
<i>Diospyros dictyoneurea</i> Hiern	Kayu malam	LDF, SRF	
<i>Diospyros diepenhorstii</i> (Miq.) Bakh.	Kayu malam	HDF, SRF	Rare
<i>Diospyros ferox</i> Bakh.	Kayu malam	AF, OSF	Rare
<i>Diospyros frutescens</i> Bl.	Kayu malam	AF, OSF, LDF, HDF, SRF	
<i>Diospyros fusiformis</i> Kosterm.	Kayu malam	HDF, SRF	
<i>Diospyros laevigata</i> Bakh.	Kayu malam	SMF	Rare
<i>Diospyros maingayi</i> (Hiern) Bakh.	Merpinang duan besar	LDF	Rare
<i>Diospyros mindanensis</i> Merr. <i>emend.</i> Bakh.	Kayu malam	SRF, SMF	
<i>Diospyros neurosepala</i> Bakh.	Kayu malam	OSF, LDF	
<i>Diospyros nidus-avis</i> Kosterm.	Kayu malam	AF	Rare
<i>Diospyros paraconfusa</i> Ng	Kayu malam	OSF	Rare
<i>Diospyros pendula</i> Hassk.	Kayu malam	AF, LDF	Rare
<i>Diospyros pilosantra</i> Bl.	Kayu malam	AF, OSF, HDF, SRF, LDF	
<i>Diospyros piscicarpa</i> Ridl.	Kayu malam	AF, OSF, LDF, HDF, SRF, SMF	
<i>Diospyros piscicarpa</i> Ridl. <i>var.</i> kinabaluensis	Kayu malam	SRF	Rare
<i>Diospyros punctincolosa</i> Bakh.	Kayu malam	LDF, HDF	
<i>Diospyros ridleyi</i> Bakh.	Kayu malam	LDF, HDF, SRF	
<i>Diospyros rigida</i> Hiern	Kayu malam	AF, LDF	Rare
<i>Diospyros siamang</i> Bakh.	Kayu malam	LDF, MDF, HDF	
<i>Diospyros cf. subrhomboidea</i> Bakh.	Kayu malam	SRF	
<i>Diospyros tuberculata</i> Bakh.	Kayu malam	RF	
<i>Diospyros wallichii</i> King <i>et</i> Gamble <i>ex</i> King	Kayu malam	AF, OSF, HDF	Rare
<i>Diospyros</i> spp. (4 species)	Kayu malam	AF, OSF, LDF, HDF, SRF, MF	
<b>ELAEOCARPACEAE</b>			
<i>Elaeocarpus acrantherus</i> Merr.	Empedu/Perdu	MF	
<i>Elaeocarpus cf. angustipes</i> Knuth	Empedu	MDF	
<i>Elaeocarpus baramii</i> Weibel	Empedu	SRF	Rare
<i>Elaeocarpus barbulatus</i> Knuth	Empedu	HDF	Rare
<i>Elaeocarpus beccarii</i> A. DC.	Empedu/Beliban	AF, OSF, LDF, SRF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Elaeocarpus beccarii</i> A. DC. <i>ssp.</i> <i>beccarii</i>	Empedu/Beliban	SRF	
<i>Elaeocarpus canipes</i> Knuth	Empedu	MDF	
<i>Elaeocarpus clementis</i> Merr.	Empedu/Perdu	AF, LDF, SRF	
<i>Elaeocarpus conoideus</i> Korth.	Empedu	MF	Rare
<i>Elaeocarpus cupreus</i> Merr.	Empedu	OSF	Rare
<i>Elaeocarpus ferruginea</i> Rich.	Empedu	LDF	Rare
<i>Elaeocarpus ferrugineus</i> (Jack) Steudel.	Jelintik	OSF	
<i>Elaeocarpus floribundus</i> Bl.	Empedu	OSF, LDF, HDF	
<i>Elaeocarpus griffithii</i> (Wight) A. Gray	Perdu	HDF	Rare
<i>Elaeocarpus gustraiifolius</i> Knuth	Empedu	LDF	Rare
<i>Elaeocarpus hochreutineri</i> Weibel	Empedu	MF	
<i>Elaeocarpus knuthii</i> Merr.	Empedu	MF	Rare
<i>Elaeocarpus macrocerus</i> (Turcz.) Merr.	Empedu	HDF	Rare
<i>Elaeocarpus mastersii</i> King	Sengkurat tangkai panjang	HDF	Rare
<i>Elaeocarpus multinervosus</i> Knuth	Empedu/Perdu	AF	
<i>Elaeocarpus muluensis</i> Weibel	Empedu	SMF	
<i>Elaeocarpus murudensis</i> Merr.	Empedu/Perdu	HDF, SRF, SMF, MF	
<i>Elaeocarpus nitidus</i> Jack	Empedu/Perdu	OSF, LDF, SRF	Rare
<i>Elaeocarpus obtusus</i> Bl.	Empedu	AF	Rare
<i>Elaeocarpus palembanicus</i> (Miq.) Corner	Empedu/Perdu	AF, HDF	Rare
<i>Elaeocarpus pseudopaniculatus</i> Corner	Empedu	MF	Rare
<i>Elaeocarpus stipularis</i> Bl.	Perdu	OSF, HDF	Rare
<i>Elaeocarpus submonceras</i> Miq.	Empedu	AF	Rare
<i>Elaeocarpus</i> spp. (3 species)	Empedu/Perdu	AF, OSF, LDF, HDF, SRF, MF	
<b>ERICACEAE</b>			
<i>Rhododendron durionifolium</i> Becc.		MF, SMF	
<i>Rhododendron longiflorum</i> Low <i>ex</i> Lindl.		MF	
<i>Rhododendron niewenhuisii</i> J.J. Sm.		RF	
<i>Rhododendron pneumonanthum</i> Sleumer		MF	
<i>Rhododendron quadrasianum</i> Vidal. <i>var.</i> <i>borneense</i> J.J. Sm.		MF	



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Rhododendron stapfianum</i> Hemsl.		MF	
<i>Vaccinium bancanum</i> Miq	Penumpang	SMF, MF	Rare
<i>Vaccinium cf. bigibum</i> J.J. Sm.		MF	
<i>Vaccinium cercidifolium</i> J.J. Sm.		MF	
<i>Vaccinium clementis</i> Merr.		SMF	
<i>Vaccinium flagellatifolium</i> Copel.		RF	
<i>Vaccinium laurifolium</i> (Bl.) Miq.		SRF	
<i>Vaccinium simulans</i> Sleumer		MF	
<i>Vaccinium stenanthum</i> Sleumer		SMF	
<i>Vaccinium cf. sulcatum</i> Ridl.		MF	
<i>Vaccinium</i> spp. (5 species)		SRF, MDF	Rare
<b>ERYTHROXYLACEAE</b>			
<i>Erythroxylum cuneatum</i> Kurz	Manding	MF	Rare
<b>ESCALLONIACEAE</b>			
<i>Polyosma integrifolia</i> Bl.	Luli	SRF, MF	Rare
<i>Polyosma mutabilis</i> Bl.	Luli	RF	
<i>Polyosma</i> sp.	Luli	RF	
<b>EUPHORBIACEAE</b>			
<i>Agrostistachys longifolia</i> (Wight) Benth. ex Hook.	Malau pucok	OSF, LDF, HDF	
<i>Agrostistachys</i> sp.		RF	
<i>Antidesma cauliflorum</i> W.W. Sm.	Bernai	LDF	Rare
<i>Antidesma cordatum</i> Airy Shaw	Bernai	OSF	Rare
<i>Antidesma coriaceum</i> Tul.	Bernai	HDF, SRF, SMF	
<i>Antidesma hosei</i> Pax et K. Hoffm.	Bernai	LDF, HDF, SRF, SMF, MF	
<i>Antidesma leucopodum</i> Miq.	Bernai	LDF, HDF, SRF	
<i>Antidesma montanum</i> Bl.	Bernai	MDF	
<i>Antidesma stipulare</i> Bl.	Bernai	MDF	
<i>Antidesma tomentosum</i> Bl.	Bernai	AF, OSF, LDF	Rare
<i>Antidesma tomentosum</i> Bl. var. <i>tomentosum</i>	Bernai	MDF	
<i>Antidesma venenosum</i> J.J.Sm.	Bernai	LDF	Rare
<i>Antidesma</i> spp. (7 species)	Bernai	AF, LDF, HDF, SRF, MF	
<i>Aporusa antennifera</i> (Airy Shaw) Airy Shaw	Kayu masam	AF, OSF, LDF, HDF, SRF	
<i>Aporusa arborea</i> (Bl.) Muell.Arg.	Kayu masam	AF, LDF, SRF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Aporusa aurea</i> Hook. <i>f.</i>	Jangau	OSF, LDF	
<i>Aporusa benthamiana</i> Hook. <i>f.</i>	Kayu masam	AF, OSF, LDF, HDF, SMF	
<i>Aporusa bracteosa</i> Pax et K. Hoffm.	Kayu masam	OSF, LDF, SRF, SMF	
<i>Aporusa bullatissima</i> Airy Shaw	Kayu masam	OSF, HDF, SRF	Rare
<i>Aporusa caloneura</i> Airy Shaw	Kayu masam	LDF	Rare
<i>Aporusa chalarocarpa</i> Airy Shaw	Kayu masam	MDF	
<i>Aporusa confusa</i> Gage	Kayu masam/ Jangau	OSF, HDF	
<i>Aporusa cf. curvata</i> Kurz	Kayu masam	MDF	
<i>Aporusa elmeri</i> Merr.	Kayu masam/ Jangau	AF, OSF, LDF, HDF	
<i>Aporusa falcifera</i> Hook. <i>f.</i>	Kayu masam	LDF	
<i>Aporusa frutescens</i> Bl.	Kayu masam/ Jangau	OSF, HDF	Rare
<i>Aporusa grandistipula</i> Merr.	Kayu masam	MDF	
<i>Aporusa grandularis</i> Airy Shaw	Kayu masam	AF, OSF, LDF, HDF	
<i>Aporusa illustris</i> Airy Shaw	Jangau	AF	
<i>Aporusa lagenocarpa</i> Airy Shaw	Kayu masam	AF, LDF, HDF	
<i>Aporusa lucida</i> (Miq.) Airy Shaw	Kayu masam	LDF	
<i>Aporusa lunata</i> (Miq.) Kurz	Kayu masam/ Jangau	AF, LDF, SMF, MF	
<i>Aporusa nervosa</i> Hook. <i>f.</i>	Kayu masam	LDF	Rare
<i>Aporusa nitida</i> Merr.	Kayu masam	MDF, LDF	
<i>Aporusa prainiana</i> King <i>ex</i> Gage	Kayu masam/ Jangau	OSF, HDF	
<i>Aporusa sarawakensis</i> Schott	Kayu masam	OSF	
<i>Aporusa sphaeridophora</i> Merr.	Kayu masam	OSF, LDF	
<i>Aporusa subcaudata</i> Merr.	Kayu masam	AF, OSF, LDF, HDF	
<i>Aporusa cf. symplocoides</i> (Hook. <i>f.</i> ) Gage	Kayu masam	MDF	
<i>Aporusa</i> spp. (7 species)	Kayu masam	AF, OSF, LDF, HDF, SRF	
<i>Austrobuxus nitidus</i> Miq.	Ubah banir	SMF, MF	
<i>Baccaurea angulata</i> Merr.	Ucong	AF	
<i>Baccaurea bracteata</i> Muell. Arg.	Tampoi paya	AF, LDF, SMF	Rare
<i>Baccaurea brevipes</i> Hook. <i>f.</i>	Tampoi/Batoh pranuk	OSF, LDF, SRF, SMF	
<i>Baccaurea costulata</i> Muell. Arg.	Telo kejira	HDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Baccaurea edulis</i> Merr.	Tampoi	OSF, LDF, HDF, SRF	
<i>Baccaurea javanica</i> Muell.Arg.	Engkuni	AF, HDF	
<i>Baccaurea kunstleri</i> Gage	Tampoi	AF, OSF, LDF	Rare
<i>Baccaurea lanceolata</i> (Bl.) Muell.Arg.	Tampoi	LDF	Rare
<i>Baccaurea latifolia</i> King <i>ex</i> Hook. <i>f.</i>	Tampoi/Silu buans	AF, LDF, HDF	Rare
<i>Baccaurea macrocarpa</i> (Miq.) Muell.Arg.	Tampoi	AF, OSF	
<i>Baccaurea macrophylla</i> (Muell. Arg.) Muell.Arg.	Kayu masam	MDF	
<i>Baccaurea maingayi</i> Hook. <i>f.</i>	Tampoi	AF, OSF	
<i>Baccaurea minor</i> Hook. <i>f.</i>	Sintak nyabor/ Engkuni	LDF, HDF, SRF, SMF	
<i>Baccaurea motleyana</i> Muell.Arg.	Tampoi	AF, OSF	Rare
<i>Baccaurea oxycarpa</i> (Gage) Muell.Arg.	Engkuni	LDF	
<i>Baccaurea parviflora</i> (Muell.Arg.) Muell.Arg.	Engkuni	AF, OSF, LDF	
<i>Baccaurea pubera</i> (Miq.) Muell.Arg.	Engkuni	MDF	
<i>Baccaurea pyriformis</i> Gage	Pekang	OSF, SRF	Rare
<i>Baccaurea racemosa</i> (Reinw. <i>ex</i> Bl.) Muell.Arg.	Tampoi	MDF	
<i>Baccaurea sarawakensis</i> Pax & Hoffm.	Tampoi	MDF	
<i>Baccaurea stipulata</i> J.J. Sm.	Tampoi	RF	
<i>Baccaurea sumatrana</i> (Miq.) Muell. Arg.	Tampoi	OSF, LDF, HDF, SRF	
<i>Baccaurea trigonocarpa</i> Merr.	Tampoi	AF, OSF	
<i>Baccaurea</i> sp.	Tampoi	AF, OSF, LDF, HDF	
<i>Blumeodendron kurzii</i> (Hook. <i>f.</i> ) J.J. Sm.	Lemak manok/ Merbulan	AF, OSF, LDF, HDF	
<i>Blumeodendron tokbrai</i> (Bl.) Kurz	Merbulan	OSF	Rare
<i>Breynia coronata</i> Hook. <i>f.</i>	Manyam	SRF	Rare
<i>Cephalomappa beccariana</i> Baill.	Arau bulu/Bantas	LDF	
<i>Cephalomappa malloticarpa</i> J.J. Sm.	Arau	AF, LDF	Rare
<i>Chaetocarpus castanocarpus</i> (Roxb.) Thwaites	Tor	LDF, HDF, SRF	
<i>Chondrostylis kunstleri</i> (King <i>ex</i> Hook. <i>f.</i> ) Airy Shaw	Malau pucok	LDF	
<i>Cleistanthus antratus</i> Airy Shaw	Dam/Pala beriak	LDF, HDF	
<i>Cleistanthus bakonensis</i> Airy Shaw	Dam/Pala beriak	HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Cleistanthus brideliifolius</i> C.B. Rob.	Dam/Pala beriak	MDF	
<i>Cleistanthus coriaceus</i> Airy Shaw	Dam/Pala beriak	HDF, SRF	
<i>Cleistanthus elongatus</i> Jabl.	Dam/Pala beriak	SRF	Rare
<i>Cleistanthus laevigatus</i> Jabl.	Dam/Pala beriak	MDF	
<i>Cleistanthus myrianthus</i> (Hassk.) Kurz	Dam/Pala beriak	LDF	
<i>Cleistanthus nitidus</i> Hook. f.	Dam/Pala beriak	AF	
<i>Cleistanthus pseudopodocarpus</i> Jabl.	Dam/Pala beriak	AF, LDF	Rare
<i>Cleistanthus pubens</i> Airy Shaw	Dam/Pala beriak	MDF	
<i>Cleistanthus pyrrocarpus</i> Airy Shaw	Dam/Pala beriak	SRF	Rare
<i>Cleistanthus sumatrana</i> (Miq.) Muell.Arg.	Dam/Pala beriak	HDF	Rare
<i>Cleistanthus winkleri</i> Jabl.	Dam/Pala beriak	LDF, SRF	
<i>Cleistanthus</i> sp.	Dam/Pala beriak	OSF, HDF	
<i>Croton argyratus</i> Bl.	Entupak/Balik angin	OSF	Rare
<i>Croton griffithii</i> Hook. f.	Entupak	AF	
<i>Croton oblongus</i> Burm.	Entupak	LDF	Rare
<i>Croton</i> sp.	Entupak/Janggau	LDF	
<i>Dimorphocalyx denticulatus</i> Merr.	Bantas	AF	Rare
<i>Drypetes caesia</i> Airy Shaw	Melingkat (Ib.)	OSF	Rare
<i>Drypetes crassipes</i> Pax et Hoffm.	Melingkat (Ib.)	AF, LDF	Rare
<i>Drypetes iliae</i> Airy Shaw	Melingkat (Ib.)	HDF, HDF	Rare
<i>Drypetes indica</i> (Muell.Arg.) Pax et Hoffm.	Melingkat (Ib.)	LDF	
<i>Drypetes kikir</i> Airy Shaw	Melingkat (Ib.)	AF, OSF, LDF, HDF	Rare
<i>Drypetes longifolia</i> (Bl.) Pax et Hoffm.	Melingkat (Ib.)	LDF	Rare
<i>Drypetes macrostigma</i> (Bl.) Pax et Hoffm.	Melingkat (Ib.)	LDF	Rare
<i>Drypetes microphylla</i> (Merr.) Pax et Hoffm.	Melingkat (Ib.)	OSF, HDF	Rare
<i>Drypetes sibuyauensis</i> (Elmer) Pax et Hoffm.	Melingkat (Ib.)	LDF	
<i>Drypetes</i> spp. (2 species)	Melingkat (Ib.)	OSF, LDF, HDF, SRF, MF	
<i>Elateriodpermum tapos</i> Bl.	Perah/Kelampai	OSF, LDF	
<i>Endospermum diadenum</i> (Miq.) Airy Shaw	Terbulan	SRF	Rare
<i>Fahrenheitia pendula</i> (Hassk.) Airy Shaw	Marok	LDF	
<i>Glochidion calospermum</i> Airy Shaw	Manyam	RF	
<i>Glochidion glomeratum</i> (Miq.) Boerl.	Manyam	HDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Glochidion lutescens</i> Bl.	Manyam	OSF	
<i>Glochidion philippicum</i> (Muell. Arg.)	Manyam	OSF	Rare
<i>Glochidion praeclarum</i> Airy Shaw	Manyam	MF	
<i>Glochidion pubicarpa</i> Airy Shaw	Menyam	AF	Rare
<i>Glochidion cf. singaporense</i> Gage	Menyam	RF	
<i>Glochidion</i> sp.	Menyam	LDF	Rare
<i>Homalanthus populneus</i> (Geisel.) Pax <i>et Hoffm.</i>	Tapang lalat	OSF, LDF	Rare
<i>Koilodepas</i> sp.	Bantas	LDF	
<i>Macaranga aetheadenia</i> Airy Shaw	Purang/Benuah	AF	
<i>Macaranga beccariana</i> Merr.	Purang ruman	OSF, HDF	
<i>Macaranga brevipetiolata</i> Airy Shaw	Enserai/Entapuloh	AF, OSF, LDF	
<i>Macaranga caladiifolia</i> Becc.	Purang/Benuah paya	HDF	Rare
<i>Macaranga gigantea</i> Muell.Arg.	Merakubong	OSF	Rare
<i>Macaranga hosei</i> King <i>ex</i> Hook. <i>f.</i>	Purang/Benuah	AF, LDF, HDF	
<i>Macaranga hullettii</i> King <i>ex</i> Hook. <i>f.</i>	Purang/Benuah	LDF, SRF, SMF, MF	
<i>Macaranga hullettii</i> King <i>ex</i> Hook. <i>f.</i> <i>ssp. borneensis</i> Whitmore	Purang/Benuah	MF	Rare
<i>Macaranga hypoleuca</i> (Reichb. <i>f.</i> & Zoll.) Muell.Arg.	Purang/Benuah	AF	Rare
<i>Macaranga kingii</i> Hook. <i>f.</i>	Purang/Benuah	SRF	Rare
<i>Macaranga lowii</i> King <i>ex</i> Hook. <i>f.</i>	Purang/Benuah	MDF	
<i>Macaranga maingayi</i> Hook. <i>f.</i>	Purang/Benuah	AF	
<i>Macaranga pearsonii</i> Merr.	Purang/Benuah	MDF	
<i>Macaranga pruinosa</i> (Miq.) Muell.Arg.	Benuah padang	AF	
<i>Macaranga recurvata</i> Gage	Purang/Benuah	OSF	Rare
<i>Macaranga repando-dentata</i> Airy Shaw	Purang/Benuah	LDF	
<i>Macaranga rostrata</i> Heine	Purang/Benuah	AF	Rare
<i>Macaranga winkleri</i> Pax <i>et</i> Hoffm.	Purang/Benuah	OSF, SRF	
<i>Macaranga</i> sp.	Purang/Benuah	LDF, MF	
<i>Macaranga</i> sp. nov.	Purang/Benuah	HDF	Rare
<i>Mallotus brevipetiolatus</i> Gage	Enserai	OSF, LDF	Rare
<i>Mallotus caudatus</i> Merr.	Enserai	HDF	
<i>Mallotus eucaustus</i> Airy Shaw	Enserai	OSF, LDF	
<i>Mallotus griffithianus</i> Hook. <i>f.</i>	Enserai	OSF, LDF	
<i>Mallotus korthalsii</i> Muell.Arg.	Enserai	OSF, HDF	
<i>Mallotus laevigatus</i> (Muell.Arg.) Airy Shaw	Enserai	RF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Mallotus macrostachyus</i> (Miq.) Muell. Arg.	Kelipak pinggai	OSF	Rare
<i>Mallotus moritzianus</i> Muell. Arg.	Enserai	MDF	
<i>Mallotus muticus</i> (Muell. Arg.) Airy Shaw	Enserai	RF	
<i>Mallotus oblongifolius</i> (Miq.) Muell. Arg.	Enserai	MDF	
<i>Mallotus penangensis</i> Muell. Arg.	Enserai	HDF, SRF	Rare
<i>Mallotus wrayii</i> King ex Hook. f.	Belitek	OSF	
<i>Mallotus</i> sp.	Enserai/Bantas	AF, LDF, HDF, MF	
<i>Moultonianthus leembruggianus</i> (Boerl. et Koord.) Steenis	Cengkih hutan	AF, LDF	
<i>Neoscortechinia cf. sumatrensis</i> S. Moore	Bantas	OSF, LDF	
<i>Neoscortechinia forbesii</i> (Hook. f.) Pax ex S. Moore	Bantas	OSF, LDF, SRF	Rare
<i>Neoscortechinia kingii</i> (Hook. f.) Pax et Hoffm.	Bantas paya	AF, LDF, SRF	
<i>Neoscortechinia</i> sp.	Bantas	HDF, SRF	Rare
<i>Omphalea bracteata</i> (Blanco) Merr.	Entupak	LDF	Rare
<i>Phyllanthus chamaepence</i> Ridl.	Ramin buah daun kecil	RF	
<i>Pimelodendron griffithianum</i> (Muell. Arg.) Benth.	Perah ikan/ Kelampai sitak	OSF, LDF, HDF	
<i>Ptychopyxis arborea</i> (Merr.) Airy Shaw	Bantas miang	LDF	Rare
<i>Ptychopyxis bacciformis</i> Croizat	Bantas	OSF, LDF, HDF, SRF	
<i>Ptychopyxis grandis</i> Airy Shaw	Bantas/Bedulang	OSF, LDF	Rare
<i>Richeriella malayana</i> Hend.		OSF	Rare
<i>Tapoides villamilii</i> (Merr.) Airy Shaw		AF	Rare
<i>Trigonopleura macrocarpa</i> Airy Shaw	Kayu sedi	MF	Rare
<i>Trigonopleura malayana</i> Hook. f.	Sidek kayu	AF, OSF, LDF, HDF, SRF, SMF	
<i>Trigonopleura</i> sp.	Kayu sedi	LDF	Rare
<i>Trigonostemon</i> sp.	Bantas	LDF	
<i>Wetria cf. macrophylla</i> J.J. Sm.		MDF	
Unidentified (2 species)		HDF, OSF	
<b>FAGACEAE</b>			
<i>Castanopsis argentea</i> Bl.	Berangan	LDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Castanopsis clemensii</i> Soepadmo	Berangan bu	LDF	Rare
<i>Castanopsis costata</i> (Bl.) A.DC.	Berangan	OSF	Rare
<i>Castanopsis foxworthyi</i> Schottky	Berangan paya	HDF	Rare
<i>Castanopsis hypophoenicea</i> (v. Seem.) Soepadmo	Berangan	OSF, LDF	Rare
<i>Castanopsis javanica</i> (Bl.) A. DC.	Berangan/Kupat	LDF	Rare
<i>Castanopsis microphylla</i> Soepadmo	Berangan	HDF, SRF	
<i>Castanopsis motleyana</i> King	Berangan	OSF, LDF	
<i>Castanopsis oligoneura</i> Soepadmo	Berangan	LDF	Rare
<i>Castanopsis oviformis</i> Soepadmo	Berangan pipit	MF	Rare
<i>Castanopsis psilophylla</i> Soepadmo	Berangan entadu	LDF	
<i>Castanopsis</i> spp. (4 species)	Berangan	AF, LDF, HDF, SRF	
<i>Lithocarpus andersonii</i> Soepadmo	Empenit jangkar	SRF, SMF	
<i>Lithocarpus bancanus</i> (Scheff.) Rehd.	Empenit	OSF	Rare
<i>Lithocarpus beccarianus</i> (Benth.) A. Camus	Empenit/Empili	AF, OSF	Rare
<i>Lithocarpus bennetii</i> (Miq.) Rehd.	Empenit	SRF	Rare
<i>Lithocarpus Bl.anus</i> (Korth.) Rehd.	Empili	OSF, HDF, SRF, MF	
<i>Lithocarpus burkillii</i> A. Camus	Empili	LDF, HDF	
<i>Lithocarpus cantleyanus</i> (King ex Hook. f.) Rehd.	Empenit	OSF, LDF, SRF	Rare
<i>Lithocarpus clementianus</i> (King ex Hook. f.) A. Camus	Empili	OSF, HDF	
<i>Lithocarpus conocarpus</i> (Oudem.) Rehd.	Empili	OSF, SRF	
<i>Lithocarpus coopertus</i> (Blanco) Rehd.	Empili	LDF	Rare
<i>Lithocarpus daphnoideus</i> (Bl.) A. Camus	Empili	HDF, SRF	Rare
<i>Lithocarpus encleisacarpus</i> (Korth.) A. Camus	Empili	LDF	Rare
<i>Lithocarpus ferrugineus</i> Soepadmo	Empili	AF, LDF, HDF, SRF	
<i>Lithocarpus gracilis</i> (Korth.) Soepadmo	Empili	OSF	
<i>Lithocarpus hatuimae</i> Soepadmo	Empili	SMF, MF	
<i>Lithocarpus hendersonianus</i> A. Camus	Empili	OSF, LDF	Rare
<i>Lithocarpus jacobsonii</i> Soepadmo	Empili	LDF, SRF	
<i>Lithocarpus kunstleri</i> (King et Hook. f.) A. Camus	Empili	OSF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Lithocarpus cf. lampadarius</i> (Gamble) A. Camus	Empenit	SRF	Rare
<i>Lithocarpus leptogyne</i> (Korth.) Soepadmo	Empili	HDF, SRF	Rare
<i>Lithocarpus lucidus</i> (Roxb.) Rehd.	Empili	LDF, SRF	Rare
<i>Lithocarpus meijeri</i> Soepadmo	Empili	OSF	Rare
<i>Lithocarpus nieuwenhuisii</i> (Seem.) A. Camus	Empenit/Empili	AF, OSF, LDF, HDF, SRF	
<i>Lithocarpus pseudokunstleri</i> A. Camus	Empenit johari	HDF	Rare
<i>Lithocarpus pusillus</i> Soepadmo	Empili	AF, HDF	
<i>Lithocarpus reflexus</i> King	Empili	LDF	Rare
<i>Lithocarpus revolutus</i> Hatus. ex Soepadmo	Empili	SRF	
<i>Lithocarpus sericobalanus</i> E.F. Warb.	Empili	OSF	Rare
<i>Lithocarpus sundaicus</i> (Bl.) Rehd.	Empili padi	MDF, LDF	
<i>Lithocarpus urceolaris</i> (Jack) Merr.	Empili	OSF	Rare
<i>Lithocarpus</i> spp. (6 species)	Empenit/Empili	AF, OSF, LDF, HDF, SRF, MF	
<i>Quercus argentata</i> Korth.	Empili	HDF	Rare
<i>Quercus cf. lowii</i> King	Empili	SMF	
<i>Quercus subsericea</i> A. Camus	Empili/Berangan	LDF, HDF, SMF, MF	
<i>Quercus treubiana</i> Seemen	Empili	OSF, LDF, HDF, SRF	
<b>FLACOURTIACEAE</b>			
<i>Casearia hosei</i> Merr.		MDF	
<i>Casearia rugulosa</i> Bl.	Ayan antu sebayan	AF	Rare
<i>Casearia stapfiana</i> Ridl.	Ayan antu sebayan	AF	Rare
<i>Casearia cf. elliptifolia</i> Merr.		MF	
<i>Casearia</i> sp.	Ayan antu sebayan	LDF, HDF	Rare
<i>Flacourtia rukam</i> Zoll. & Moritzi	Rukam	RF	
<i>Flacourtia</i> sp.	Senumpul	MDF	
<i>Homalium moultonii</i> Merr.	Ayan antu sebayan	HDF, SRF	Rare
<i>Hydnocarpus anomala</i> (Merr.) Sleumer	Senumpul	LDF, HDF, SRF	
<i>Hydnocarpus beccariana</i> Sleumer	Senumpul	LDF, HDF, SRF	
<i>Hydnocarpus borneensis</i> Sleumer	Senumpul simping	AF, LDF	
<i>Hydnocarpus calophylla</i> (Ridl.) Sleumer	Senumpul	LDF	Rare



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Hydnocarpus castanea</i> Hook. f. & Thoms. var. <i>pentagyne</i> (Slooten) Slooten	Senumpul	HDF	
<i>Hydnocarpus castanea</i> Hook. f. & Thoms.	Senumpul	MDF	
<i>Hydnocarpus kunstleri</i> (King) Warb.	Senumpul	OSF, LDF, HDF	
<i>Hydnocarpus kunstleri</i> (King) Warb. var. <i>tomentosa</i>	Senumpul	LDF	
<i>Hydnocarpus pentagyne</i> Slooten	Senumpul	LDF	
<i>Hydnocarpus pinguis</i> Sleumer	Senumpul	OSF, LDF, HDF, SRF	
<i>Hydnocarpus polypetala</i> (Slooten) Merr.	Senumpul	MDF	
<i>Hydnocarpus subfalcata</i> Merr.	Senumpul	HDF	
<i>Hydnocarpus sumatrana</i> (Miq.) Koord.	Senumpul	LDF	Rare
<i>Hydnocarpus tenuipetala</i> Sleumer	Senumpul	OSF, HDF	
<i>Hydnocarpus woodii</i> Merr.	Senumpul	OSF, LDF, HDF, SRF, SMF	
<i>Hydnocarpus</i> spp. (2 species)	Senumpul	LDF, SRF	
<i>Osmelia philippina</i> (Turez.) Benth.	-	OSF	
<i>Ryparosa fasciculata</i> King	Senumpul	OSF	Rare
<i>Ryparosa glauca</i> Ridl.	Senumpul	OSF	Rare
<i>Ryparosa hirsuta</i> J.J. Sm.	Senumpul	OSF	Rare
<i>Ryparosa hullettii</i> King	Senumpul	OSF, LDF	Rare
<i>Ryparosa javanica</i> (Bl.) Kurz	Senumpul	MDF	
<i>Ryparosa kostermansii</i> Sleumer	Senumpul	AF, SRF	Rare
<i>Ryparosa</i> spp. (2 species)	Senumpul	AF, MDF	
<i>Trichadenia philippinensis</i> Merr.	Senumpul	LDF	Rare
Unidentified		LDF	Rare
<b>GONYSTYLACEAE</b>			
<i>Gonystylus acuminatus</i> Airy Shaw	Ramin	OSF	Rare
<i>Gonystylus affinis</i> Ridl.	Ramin	LDF	Rare
<i>Gonystylus borneensis</i> (Tiegh.) Gilg	Ramin	MDF	
<i>Gonystylus brunnescens</i> Airy Shaw	Melitan	MF	
<i>Gonystylus forbesii</i> Gilg	Ramin batu paya	OSF, LDF	
<i>Gonystylus keithii</i> Airy Shaw	Ramin	MDF	
<i>Gonystylus stenosepalus</i> Airy Shaw	Ramin ai	AF, RF, MDF	
<i>Gonystylus velutinus</i> Airy Shaw	Ramin	OSF, SMF	Rare
<i>Gonystylus</i> spp. (2 species)	Ramin	AF, LDF, SRF	

Botanical Name	Vernacular Name	Forest Type	Remark
<b>HYPERICACEAE</b>			
<i>Cratoxylum arborescens</i> (Vahl.) Bl.	Geronggang	AF, OSF, LDF, SRF	
<i>Cratoxylum formosum</i> (Jack) Dyer	Geronggang	AF, LDF, HDF	Rare
<i>Cratoxylum glaucum</i> Korth.	Geronggang padang	SMF	
<i>Cratoxylum sumatranum</i> Bl.	Geronggang	OSF, HDF	Rare
<i>Cratoxylum</i> sp.	Geronggang	SRF	Rare
<b>ICACINACEAE</b>			
<i>Gomphandra cumingiana</i> (Miers) F-Vill.	Kerak nasi	OSF, LDF	Rare
<i>Gomphandra minus</i> Sleumer	Kerak nasi	LDF	
<i>Gomphandra</i> sp.	Kerak nasi	OSF, LDF	Rare
<i>Gonocaryum calleryanum</i> (Baill.) Becc.	Nyalin anderson	HDF	Rare
<i>Gonocaryum minus</i> Sleumer	Nyalin anderson	LDF	Rare
<i>Platea latifolia</i> Bl.	Jejangkang	LDF, HDF, SMF	
<i>Stemonurus grandifolius</i> Becc.	Semburok	AF, LDF	Rare
<i>Stemonurus scorpioides</i> Becc.	Semburok daun besar	SMF	Rare
<i>Stemonurus umbellatus</i> Becc.	Semburok	AF, OSF, LDF, SRF, SMF	
<i>Stemonurus</i> sp.	Abang blimbing	HDF	Rare
Unidentified		HDF	Rare
<b>IXONANTHACEAE</b>			
<i>Ixonanthes reticulata</i> Jack	Inggi burung	HDF	
<i>Ixonanthes</i> sp.	Inggi burung	SRF	
<b>JUGLANDACEAE</b>			
<i>Engelhardtia serrata</i> Bl.	Sangsanglang	OSF, SRF, MF	
<b>LAURACEAE</b>			
<i>Actinodaphne borneensis</i> Meissn.	Medang payong	SRF, MF	
<i>Actinodaphne cf. glomerata</i> (Bl.) Nees	Medang payung	RF	
<i>Actinodaphne myriantha</i> Merr.	Medang payong paya	RF, AF, LDF, HDF	Rare
<i>Actinodaphne</i> sp.	Medang payong	OSF, LDF	Rare
<i>Alseodaphne albifrons</i> Kosterm.	Medang	LDF, HDF	
<i>Alseodaphne bancana</i> Miq.	Medang	HDF, SRF, SMF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Alseodaphne borneensis</i> Gamble	Medang	SRF, SMF	Rare
<i>Alseodaphne insignis</i> Gamble	Medang lui kasar	HDF	Rare
<i>Beilschmiedia brachystachys</i> Kosterm.	Medang	LDF, HDF	
<i>Beilschmiedia gemmiflora</i> (Bl.) Kosterm.	Medang	LDF	Rare
<i>Beilschmiedia glabra</i> Kosterm.	Medang	LDF, SMF	
<i>Beilschmiedia glauciphylla</i> Kosterm.	Medang	LDF, HDF, SRF	
<i>Beilschmiedia madang</i> Bl.	Medang	HDF	Rare
<i>Beilschmiedia maingayi</i> Hook. <i>f.</i>	Medang	LDF	Rare
<i>Beilschmiedia mersingii</i> Kosterm.	Medang	AF, LDF, HDF	
<i>Beilschmiedia pilosa</i> Kosterm.	Medang	SRF	Rare
<i>Beilschmiedia</i> sp.	Medang	LDF, HDF, SMF	
<i>Cinnamomum crassinervium</i> Miq.	Medang tija	OSF, LDF, SRF, MF	
<i>Cinnamomum iners</i> Reinw. <i>ex</i> Bl.	Medang tija	OSF	
<i>Cinnamomum microcarpum</i> Kosterm.	Medang tija	MDF	
<i>Cinnamomum tahijanum</i> Kosterm.	Medang tija	LDF	Rare
<i>Cinnamomum</i> spp. (3 species)	Medang tija	OSF, LDF, HDF, SRF	
<i>Cryptocarya cagayanensis</i> Merr.	Medang	SMF, MF	
<i>Cryptocarya crassinervia</i> Miq.	Medang	AF, LDF, HDF, SRF	
<i>Cryptocarya enervis</i> Hook. <i>f.</i>	Medang lichin	SRF	Rare
<i>Cryptocarya erectinervia</i> Kosterm.	Medang	LDF, SRF	
<i>Cryptocarya ferrea</i> Bl.	Medang	SMF	Rare
<i>Cryptocarya griffithiana</i> Hook. <i>f.</i>	Medang	LDF	
<i>Cryptocarya impressa</i> Miq.	Medang	SRF	Rare
<i>Cryptocarya kurzii</i> Hook. <i>f.</i>	Medang	SRF	Rare
<i>Cryptocarya laevigata</i> Bl.	Medang	HDF	Rare
<i>Cryptocarya nigra</i> Kosterm.	Medang	MF	Rare
<i>Cryptocarya obliqua</i> Bl.	Medang	SMF	
<i>Cryptocarya scortechinii</i> Gamble	Medang	AF, SRF	Rare
<i>Cryptocarya tawaensis</i> Merr.	Medang	AF	Rare
<i>Cryptocarya</i> spp.	Medang	OSF, SMF	Rare
<i>Dehaasia brachybotrys</i> (Merr.) Kosterm.	Medang	OSF, HDF	
<i>Dehaasia cuneata</i> Bl.	Medang	LDF, SRF	
<i>Dehaasia firma</i> Bl.	Medang	HDF, SRF, MF	
<i>Dehaasia incrassata</i> (Jack) Kosterm.	Medang chabi	OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Dehaasia turfosa</i> Kosterm.	Medang	AF	Rare
<i>Dehaasia</i> spp. (5 species)	Medang	LDF, MF	Rare
<i>Endiandra clavigera</i> Kosterm.	Bejubai/Medang	LDF, HDF, SMF	
<i>Endiandra coriacea</i> Merr.	Bejubai	OSF, LDF, HDF, SRF, MF	
<i>Endiandra kingiana</i> Gamble	Bejubai	LDF	Rare
<i>Endiandra macrophylla</i> Bl.	Medang berjubai	OSF, SRF	
<i>Endiandra rubescens</i> (Bl.) Miq.	Bejubai	OSF, HDF	
<i>Endiandra scrobiculata</i> Kosterm.	Bejubai	OSF, LDF	
<i>Endiandra</i> sp.	Medang	HDF, SRF	
<i>Eusideroxylon zwageri</i> Teijsm.	Belian	OSF, LDF	
<i>Lindera bibracteata</i> (Bl.) Boerl.	Medang	MF	Rare
<i>Lindera caesia</i> Reinw.	Medang	MF	Rare
<i>Lindera pipericarpa</i> Boerl.	Medang	AF, OSF	Rare
<i>Lindera subumbellifera</i> (Bl.) Kosterm.	Medang	AF, SRF	Rare
<i>Lindera</i> sp.	Medang	OSF	Rare
<i>Litsea accedens</i> (Bl.) Boerl.	Medang balong	HDF	Rare
<i>Litsea cauliflora</i> Stapf	Medang	AF, LDF	Rare
<i>Litsea cylindrocarpa</i> Gamble	Medang	OSF	Rare
<i>Litsea elliptibacca</i> Merr.	Medang	LDF	Rare
<i>Litsea ferruginea</i> (Bl.) Bl.	Medang	OSF, LDF, HDF	
<i>Litsea ficoidea</i> Kosterm.	Medang	OSF, LDF	
<i>Litsea firma</i> (Bl.) Hook. <i>f.</i>	Medang	OSF, HDF, SRF, MF	
<i>Litsea fulva</i> Vill.	Medang	OSF	Rare
<i>Litsea garciae</i> Vidal	Engkala hutan	RF	
<i>Litsea grandis</i> Hook. <i>f.</i>	Medang	AF	
<i>Litsea insignis</i> (Bl.) Boerl.	Medang	AF, OSF	
<i>Litsea lanceolata</i> (Bl.) Kosterm.	Medang	OSF, HDF, SRF	
<i>Litsea lancifolia</i> Vill.	Medang	LDF	Rare
<i>Litsea magnifica</i> (Miq.) Gamble	Medang	LDF	Rare
<i>Litsea megacarpa</i> Gamble	Medang	MF	Rare
<i>Litsea ochracea</i> Boerl.	Medang	AF, OSF, LDF	Rare
<i>Litsea oppositifolia</i> (Bl.) Vill.	Medang	AF, OSF, LDF, HDF, SRF	
<i>Litsea paludosa</i> Kosterm.	Medang bulu	HDF	Rare
<i>Litsea rubicunda</i> Kosterm.	Medang	SMF, MF	
<i>Litsea sarawakensis</i> Gamble	Medang	OSF	
<i>Litsea cf. sessilis</i> (Bl.) Boerl.	Medang	MDF	
<i>Litsea trunciflora</i> Gamble	Medang	OSF, HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
Litsea spp. (8 species)	Medang	AF, OSF, LDF, HDF, SRF, SMF, MF	
Phoebe opaca Bl.	Medang kuning	OSF	Rare
Phoebe sp.	Medang	MDF	
Phoebe sterculioides Elmer	Medang	AF, HDF	Rare
Unidentified 3 species	Medang	LDF, HDF	
<b>LECYTHIDACEAE</b>			
Barringtonia belagensis Chant.	Putat/Robone	RF	
Barringtonia curranii Merr.	Putat	AF	Rare
Barringtonia lanceolata (Ridl.) Payens	Putat (karut)	OSF, LDF, HDF, SRF	
Barringtonia macrostachya (Jack) Kurz	Putat	AF, OSF, LDF	
Barringtonia reticulata Bl.	Putat paya	OSF, LDF	Rare
Barringtonia revoluta Merr.	Putat	AF, SRF, SMF	Rare
Barringtonia sarcostachys (Bl.) Miq.	Putat	AF, OSF, LDF	
Barringtonia scortechinii King	Putat	HDF, SRF	
Barringtonia sp.	Putat	AF, OSF, LDF	
<b>LEEACEAE</b>			
Leea aculeata Bl. ex Spreng.	Bengang kemali	OSF	Rare
Leea indica (Burm. f.) Merr.	Kemali	AF	
Leea sp.	Kemali	OSF	
<b>LEGUMINOSAE</b>			
Adinobotrys myrianthum Dunn		SRF	Rare
Archidendron clypearia (Jack) Nielsen	Petai/Kenarang	MF	Rare
Archidendron ellipticum (Bl.) Nielsen	Bangah/ Sangkaong	LDF	Rare
Archidendron triplinervium (Kosterm.) Niels	Bangah /Sangkaong	MDF	
Callerya nienwenhuisii (J.J.Sm.) Schott			
Crudia tenuipes Merr.	Maguwau (Dus. Sabah)	AF, LDF	
Crudia cf. reticulata Merr.	Maguwau (Dus. Sabah)	AF	Rare
Dialium cochinchinense Pierre	Keranji	AF	Rare
Dialium indum L. var. bursa	Keranji	AF, OSF, LDF, SRF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Dialium indum</i> L. var. <i>indum</i>	KerANJI	MDF	
<i>Dialium kunstleri</i> Prain	KerANJI	AF, OSF, LDF	
<i>Dialium laurinum</i> Baker	KerANJI paya	AF, OSF, LDF, HDF	
<i>Dialium maingayi</i> Baker	KerANJI	SMF	Rare
<i>Dialium platysepalum</i> Baker	KerANJI	OSF, SMF	Rare
<i>Dialium</i> sp.	KerANJI	AF, LDF, HDF, SRF	
<i>Entada borneensis</i> Ridl.	-	MDF	
<i>Fordia brachybotrys</i> Merr.	Biansu	AF	Rare
<i>Fordia coriacea</i> Dunn	Biansu	HDF	
<i>Fordia filipes</i> Dunn	Biansu	LDF	
<i>Fordia ngii</i> Whitmore	Biansu	AF, LDF	Rare
<i>Fordia splendidissima</i> Buijssen <i>ssp.</i> <i>splendidissima</i>	Biansu	AF	
<i>Fordia</i> sp.	Biansu/Biansu bukit	AF, OSF, LDF, HDF	
<i>Koompassia excelsa</i> (Becc.) Taub.	Tapang	AF, OSF	
<i>Koompassia malaccensis</i> Maingay <i>ex</i> Benth.	Menggris	AF, OSF, LDF, HDF	
<i>Millettia</i> sp.	Biansu	MDF	
<i>Moghania</i> sp.	Bunga gragrinkai	MDF	
<i>Ormosia bancana</i> (Miq.) Merr.	-	SMF	Rare
<i>Parkia javanica</i> (Lam.) Merr.	Kedaung	LDF, SRF	Rare
<i>Parkia speciosa</i> Hassk.	Petai	OSF, HDF, SRF	
<i>Parkia</i> sp.	Petai	RF	
<i>Pithecellobium clypearia</i> (Jack) Benth.	Sang kaong	OSF	Rare
<i>Pithecellobium</i> sp.	Sang kaong	OSF	Rare
<i>Saraca declinata</i> (Jack) Miq.	Babai	AF, OSF	
<i>Saraca hulletii</i> Prain	Babai	AF, OSF, LDF	
<i>Sindora beccariana</i> Backer <i>ex de</i> Wit	Tampar hantu	AF, HDF	Rare
<i>Sindora coriacea</i> (Baker) Prain	Sepetir	LDF, HDF	
<i>Sindora leiocarpa</i> Backer <i>ex de</i> Wit	Tampar hantu paya	AF, LDF	Rare
<i>Uraria crinata</i> (L.) Desv.		MDF	
Unidentified		HDF	Rare
<b>LOGANIACEAE</b>			
<i>Fagraea cuspidata</i> Bl.	Tembusu paya/ Sukong ranyai	OSF, LDF	Rare
<i>Fagraea elliptica</i> Roxb.	Tembusu	OSF	Rare
<i>Fagraea fragrans</i> Roxb.	Tembusu	OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Fagraea renae</i> Wong & Sugau	Tembusu	MDF	
<i>Fagraea spicata</i> Baker	Tembusu	OSF	
<i>Fagraea stenophylla</i> Becc. <i>ex</i> Merr.	Tembusu/Jambu air	RF	
<i>Norrisia maior</i> Soler.	Empaling	AF	Rare
<i>Norrisia malaccensis</i> Gardner	Empaling	MDF	
Unidentified		MF	
<b>MAGNOLIACEAE</b>			
<i>Aromadendron elegans</i> Bl.	Medang limo	SRF	Rare
<i>Magnolia ashtonii</i> Dandy <i>ex</i> Noot.	Medang	LDF	Rare
<i>Magnolia candolii</i> (Bl.) H. Keng	Talauma/Medang limo	AF, OSF, LDF, HDF, SMF	
<i>Magnolia candolii</i> (Bl.) H. Keng <i>var.</i> <i>candolii</i>	Talah uma	MDF	
<i>Magnolia candolii</i> (Bl.) H. Keng <i>var.</i> <i>beccarii</i> (Ridl.) Noot.	Talauma	OSF, MDF	
<i>Magnolia carsonii</i> Noot.	Talauma	SRF, SMF, MF	
<i>Magnolia uvariifolia</i> Dandy <i>ex</i> Noot.	Talauma	LDF	Rare
<i>Magnolia villosa</i> (Miq.) H. Keng	Talauma	OSF	Rare
<i>Magnolia</i> sp.	Talauma	AF	
<i>Talauma gigantifolia</i> Miq.	Talauma	OSF, LDF	Rare
<i>Talauma obovata</i> Korth.	Talauma	AF, LDF	Rare
<i>Talauma</i> sp.	Talauma	AF	Rare
<b>MELASTOMATACEAE</b>			
<i>Astronia smilacifolia</i> Triana	-	SRF	
<i>Axinandra coriacea</i> Baill.	Kumunting umang	MF	Rare
<i>Bellucia pentamera</i> Naudin	-	RF	
<i>Blastus cogniauxii</i> Stapf	-	SMF, MDF	
<i>Brittenia subcaulis</i> Cogn.	-	MDF	
<i>Creaghilla setosa</i> Stapf	-	SMF	
<i>Driessenia attenuata</i> C. Hansen	-	SMF	
<i>Driessenia glanduligera</i> Stapf	Melebab	RF	
<i>Driessenia microthrix</i> Stapf <i>var.</i> <i>pteroclade</i> C. Hansen	-	RF	
<i>Driessenia microthrix</i> Stapf	Kemunting/ Merjawai	MF	
<i>Driessenia sessiliflora</i> C. Hansen	Kemunting pelandok	HDF	
<i>Driessenia</i> sp.	-	RF	
<i>Kibessia azeura</i> (Bl.) DC	Pulu	HDF	Rare
<i>Kibessia verrucosa</i> Merr.	Puloh	LDF, SRF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Kibessia</i> sp.	Pulu	HDF	Rare
<i>Lijndenia laurina</i> Zoll. & Moritzi	Lindah katak	LDF	Rare
<i>Medinilla sessiliflora</i> Reg.	Riang	MF	
<i>Melastoma decemfidum</i> Rixb.	Kemunting	MF	
<i>Melastoma malabathricum</i> L.	Kemunting	OSF	
<i>Melastoma sanguineum</i> Sims.	Kemunting	RF	
<i>Melastoma</i> sp.	Kemunting	OSF, SRF, MF	
<i>Memecylon argenteum</i> Bremer.	Nipis kulit	LDF	
<i>Memecylon borneense</i> Merr.	Nipis kulit	OSF, LDF, HDF, SRF, SMF, MF	
<i>Memecylon campanulatum</i> C.B. Cl.	Nipis kulit	AF	Rare
<i>Memecylon cf. coeruleum</i> Jack	Nipis kulit	MDF	
<i>Memecylon durum</i> Cogn. ex DC.	Nipis kulit	MDF	
<i>Memecylon fruticosum</i> King	Nipis kulit	OSF, MDF	
<i>Memecylon cf. lancifolium</i> Ridl.	Nipis kulit	MDF	
<i>Memecylon longifolium</i> Cogn. ex DC.	Nipis kulit	AF, RF	
<i>Memecylon megacarpum</i> Furtado	Nipis kulit	MDF	
<i>Memecylon paniculatum</i> Jack	Nipis kulit	OSF, LDF	Rare
<i>Memecylon pergamentaceum</i> Cogn. ex DC.	Nipis kulit	OSF, MDF, LDF	
<i>Memecylon scolopacinum</i> Ridl.	Nipis kulit	HDF, MDF	
<i>Neodriessenia hirta</i> (Ridl.) M.P. Nayar	-	MDF	
<i>Oxyspora cf. auriculata</i> (Ridl.) J.F. Maxwell	-	RF, MDF	
<i>Oxyspora beccarii</i> (Cogn.) J.F. Maxwell	Kayu rangki	MDF	
<i>Oxyspora cordata</i> (Stapf) J.F. Maxwell	-	SMF, MDF	
<i>Oxyspora</i> spp. (4 species)	-	RF, LDF, MDF	
<i>Pternandra azurea</i> (Bl.) Burk.	Puloh	OSF, SMF	
<i>Pternandra azurea</i> (Bl.) Burk. var. <i>azurea</i>	Puloh	MDF	
<i>Pternandra coerulescens</i> Jack	Puloh	OSF, LDF, HDF, SRF, MF	
<i>Pternandra cogniauxii</i> M.P. Nayar	Puloh	LDF	
<i>Pternandra crassicalyx</i> J.F. Maxwell	Puloh	HDF	Rare
<i>Pternandra galeata</i> Ridl.	Puloh	AF	
<i>Pternandra gracilis</i> J.F. Maxwell	Puloh	AF, OSF, LDF, SMF	
<i>Pternandra hirtella</i> (Cogn.) J.F. Maxwell	Puloh	OSF, LDF, SMF	



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Pternandra multiflora</i> Cogn.	Puloh	HDF	Rare
<i>Pternandra multiflora</i> Cogn. var. <i>azurea</i>	Puloh	MDF	
<i>Pternandra rostrata</i> (Cogn.) M.P. Nayar	Puloh	OSF	
<i>Pternandra</i> spp. (5 species)	Puloh	RF, MDF	
<b>MELIACEAE</b>			
<i>Aglaiia angustifolia</i> Miq.	Segera	RF	
<i>Aglaiia argentea</i> Bl.	Segera	MDF	
<i>Aglaiia bernardoi</i> Merr.	Segera	OSF	Rare
<i>Aglaiia brachybotrys</i> Merr.	Segera	OSF	Rare
<i>Aglaiia chandocensis</i> Pierre	Segera	HDF	Rare
<i>Aglaiia cordata</i> Hiern	Segera	OSF	Rare
<i>Aglaiia crassinervia</i> Kurz <i>et</i> Hiern.	Segera	LDF	Rare
<i>Aglaiia cucullata</i> (Roxb.) Pellegrin	Segera	MDF	
<i>Aglaiia cf. densiflorum</i> (Bl.) Miq.	Segera	RF	
<i>Aglaiia domestica</i> (Jack) Pellegrin	Segera	LDF	Rare
<i>Aglaiia elliptica</i> Bl.	Segera	Rheophytic	
<i>Aglaiia forbesii</i> King	Segera	AF, LDF, HDF, SRF	
<i>Aglaiia foveolata</i> Pannell	Segera	OSF	Rare
<i>Aglaiia gamopetala</i> Merr.	Segera	OSF	Rare
<i>Aglaiia hiernii</i> King	Segera	OSF, HDF	
<i>Aglaiia ignea</i> Val. <i>ex</i> Heyne	Segera	LDF	Rare
<i>Aglaiia cf. korthalsii</i> Miq.	Segera	MDF	
<i>Aglaiia laevigata</i> Harms	Segera ucong cit	HDF	Rare
<i>Aglaiia lancifolia</i> Harms	Segera/Bunyah	AF, LDF	Rare
<i>Aglaiia lawii</i> (Wight) Sald. <i>ex</i> Ram.	Segera	OSF	
<i>Aglaiia cf. leptantha</i> Miq.	Segera	MDF	
<i>Aglaiia leucophylla</i> King	Segera	LDF	Rare
<i>Aglaiia megistocarpa</i> Merr.	Segera	OSF	Rare
<i>Aglaiia microspora</i> Merr.	Segera	MDF	
<i>Aglaiia monozyga</i> Harms	Segera	AF	Rare
<i>Aglaiia cf. multinervis</i> Pannell	Segera	MDF	
<i>Aglaiia odoratissima</i> Bl.	Segera	OSF, MDF	
<i>Aglaiia oligophylla</i> Miq.	Kelampu	MDF	
<i>Aglaiia rufinervis</i> Bl.	Buah bunyau	HDF	
<i>Aglaiia cf. silvestris</i> M. Roemer	Segera	MDF	
<i>Aglaiia squamulosa</i> King	Bunyau bukit	SMF, MF	
<i>Aglaiia tomentosa</i> Teijsm. & Binn.	Segera	MDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Aglaiia trichostemon</i> C. DC.	Segera	OSF	Rare
<i>Aglaiia trimera</i> Ridl.	Segera	LDF	
<i>Aglaiia triplex</i> Ridl.	Segera	LDF, HDF	
<i>Aglaiia</i> spp. (6 species)	Segera	OSF, LDF, HDF, SRF	
<i>Amoora rubiginosa</i> Hiern	Jelungan sasak/ Segera	LDF, SMF	Rare
<i>Chisocheton ceramicus</i> (Miq.) DC	Segera	HDF, MF	Rare
<i>Chisocheton divergens</i> Bl.	Segera	LDF	Rare
<i>Chisocheton illustris</i> Ridl.	Segera	OSF, LDF	
<i>Chisocheton macranthus</i> (Merr.) Airy Shaw	Segera	OSF	Rare
<i>Chisocheton patens</i> Bl.	Segera	SRF	Rare
<i>Chisocheton polyandrus</i> Merr.	Segera	RF, OSF, LDF	
<i>Chisocheton ruber</i> Ridl.	Segera	AF, LDF	
<i>Chisocheton cf. medusae</i> Airy Shaw	Segera	OSF	
<i>Chisocheton</i> spp. (3 species)	Segera	SRF	Rare
<i>Chukrassia tabularis</i> Juss.	Segera	OSF	Rare
<i>Dysoxylum alliaceum</i> Bl.	Segera	OSF, LDF	
<i>Dysoxylum brachybotrys</i> Merr.	Bengang	RF, MDF	
<i>Dysoxylum cauliforme</i> Hiern	Segera	SRF	Rare
<i>Dysoxylum cyrtobotryum</i> Miq.	Segera	MF	Rare
<i>Dysoxylum densiflorum</i> (Bl.) Miq.	Segera	RF	
<i>Dysoxylum excelsum</i> Bl.	Segera	MDF	
<i>Dysoxylum mollissimum</i> Mabb.	Segera	SMF	Rare
<i>Dysoxylum rugulosum</i> King	Segera	LDF	Rare
<i>Dysoxylum</i> spp. (4 species)	Segera	AF, OSF, SRF	
<i>Sandoricum borneense</i> Miq.	Kelampu	RF	
<i>Sandoricum dasyneuron</i> Baill.	Kelampu beludu	OSF, HDF	Rare
<i>Sandoricum koetjape</i> (Burm. f.) Merr.	Kelampu	OSF, LDF, HDF	
<i>Sandoricum</i> sp.	Kelampu	LDF	Rare
<i>Walsura chrysogyne</i> (Miq.) Bakh.	Segera	SRF	Rare
<i>Walsura dehiscens</i> T. Cl.	Segera	OSF	Rare
<i>Walsura grandifolia</i> Ridl.	Segera ucong	HDF, SMF	
<i>Walsura pinnata</i> Hassk.	Segera	OSF	Rare
<i>Walsura villamii</i> Merr.	Segera	LDF	Rare
<i>Walsura</i> sp.	Segera ucong	LDF	Rare
Unidentified 2 species	-	AF, HDF	
<b>MORACEAE</b>			
<i>Artocarpus anisophyllus</i> Miq.	Bintawak	AF, OSF, LDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Artocarpus elasticus</i> Reinw. ex Bl.	Terap	AF, OSF	
<i>Artocarpus integer</i> (Thunb.) Merr.	Cempedak	OSF, LDF	
<i>Artocarpus kemando</i> Miq.	Pala musoh	AF, OSF, LDF	
<i>Artocarpus lanceifolius</i> Roxb.	Kerapot	LDF, HDF, SRF	
<i>Artocarpus melinoxylus</i> Gagnep.	Kerapot	LDF	Rare
<i>Artocarpus melinoxylus</i> Gagn. ssp. <i>brevipedunculatus</i> Jar.	Kerapot	MDF	
<i>Artocarpus nitidus</i> Trec.	Selangking	OSF, LDF, HDF	
<i>Artocarpus nitidus</i> Trec. var. <i>humilis</i>	Selangking	OSF	Rare
<i>Artocarpus odoratissimus</i> Blanco	Terap/Pingan	AF, OSF, LDF, HDF, SRF	
<i>Artocarpus rigidus</i> Bl.	Pala tupai/Kerapot	AF, OSF, LDF, HDF, SRF	
<i>Artocarpus sericicarpus</i> Jarrett	Terap/Pala tupai	OSF, LDF, HDF, SMF	
<i>Artocarpus tamaran</i> Becc.	Terap	AF, OSF	
<i>Artocarpus</i> sp.	Kakang	OSF	
<i>Ficus androchaete</i> Corner	-	MDF	
<i>Ficus aurata</i> (Miq.) Miq.	Tempan	OSF	Rare
<i>Ficus aurata</i> Reinw. ex Bl. var. <i>auriculifera</i> (Merr.) Corner	Punoh (Kelabit)	MDF	
<i>Ficus bruneiensis</i> Corner	Lawak-lawak	RF	
<i>Ficus cereicarpa</i> Corner	Engkeruruh	AF	
<i>Ficus chartacea</i> (Wall. ex Kurz) King	Tempan	LDF	Rare
<i>Ficus fistulosa</i> Reinw. ex Bl.	-	AF	
<i>Ficus obpyramidata</i> King		MDF	
<i>Ficus oleifolia</i> King var. <i>valida</i> Corner		MF	
<i>Ficus punctata</i> Thunb.		OSF	Rare
<i>Ficus rubromidotis</i> Corner		RF	
<i>Ficus schwarzii</i> Koord.		RF	
<i>Ficus sundaica</i> Bl.		MDF	
<i>Ficus treubii</i> King	Entimau	MF	Rare
<i>Ficus uncinata</i> Becc.	Entimau	RF, SRF, MDF	Rare
<i>Ficus uncinata</i> Becc. var. <i>pilosior</i> Corner	Entimau	RF	
<i>Ficus uniglandulosa</i> Wall. ex Miq.	Kara	RF	
<i>Ficus variegata</i> Bl.	Kara	RF	
<i>Ficus</i> sp.	Entimau/Kara	OSF, LDF, HDF	Rare
<i>Parartocarpus venenosus</i> (Zoll. & Moritz) Becc.	Minggi	AF, LDF, SMF	
<i>Prainea frutescens</i> Becc.	Selangking/S. Batu	LDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<b>MYRISTICACEAE</b>			
<i>Endocomia macrocoma</i> (Miq.) W.J. de Wilde	Kumpang	AF, LDF	
<i>Gymnacranthera contracta</i> Warb.	Kumpang	AF, OSF, LDF, HDF, SRF, SMF	
<i>Gymnacranthera farquhariana</i> (Hook. f. & Thoms.) Warb.	Kumpang	OSF, LDF, SRF	
<i>Gymnacranthera farquhariana</i> (Hook. f. & Thomson) Warb. <i>var. eugeniifolia</i> (A. DC.) R. T. A. Shouten	Kumpang puteh	AF, OSF, LDF, HDF, MF	
<i>Gymnacranthera forbesii</i> (King) Warb.	Kumpang	AF	
<i>Gymnacranthera forbesii</i> (King) Warb. <i>var. crassinervis</i> (Warb.) J. Sinclair	Kumpang	OSF	Rare
<i>Gymnacranthera</i> sp.	Kumpang	LDF	Rare
<i>Horsfieldia androphora</i> W.J. de Wilde	Kumpang	AF, OSF, LDF	Rare
<i>Horsfieldia borneensis</i> W.J. de Wilde	Kumpang	LDF, SRF	
<i>Horsfieldia brachiata</i> (King) Warb.	Kumpang	AF, OSF, LDF, HDF, SMF	
<i>Horsfieldia endertii</i> W.J. de Wilde	Kumpang	LDF, SRF	
<i>Horsfieldia fragillima</i> Airy Shaw	Kumpang	AF	Rare
<i>Horsfieldia grandis</i> (Hook. f.) Warb.	Kumpang	AF, OSF, LDF, HDF	Rare
<i>Horsfieldia irya</i> (Gaertn.) Warb.	Kumpang	HDF	
<i>Horsfieldia kerangasicola</i> J. Sinclair	Kumpang	LDF, SMF	Rare
<i>Horsfieldia montana</i> Airy Shaw	Kumpang	MF	
<i>Horsfieldia polyspherula</i> (Hook. f. <i>emend.</i> King) J. Sinclair	Kumpang	LDF, SMF	
<i>Horsfieldia</i> spp. (2 species)	Kumpang	LDF	
<i>Knema ashtonii</i> J. Sinclair	Kumpang semah	OSF, LDF	
<i>Knema borneensis</i> Warb.	Kumpang	LDF	
<i>Knema curtisii</i> (King) Warb.	Kumpang	MDF	
<i>Knema curtisii</i> (King) Warb. <i>var. curtisii</i> J. Sinclair	Kumpang	OSF, LDF, MDF	
<i>Knema elmeri</i> Merr.	Kumpang	OSF, LDF, HDF, SRF	
<i>Knema furfuracea</i> (Hook. f. <i>et</i> Thomson) Warb.	Kumpang	AF, OSF, LDF, HDF, SRF	
<i>Knema galeata</i> J. Sinclair	Kumpang	OSF	Rare
<i>Knema glauca</i> (Bl.) Petermann	Kumpang	AF, OSF, LDF, HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Knema glauca</i> Warb. <i>var.</i> <i>riparia</i> W. J. de Wilde	Kumpang	LDF	Rare
<i>Knema glaucescens</i> Jack	Kumpang	LDF	Rare
<i>Knema korthalsii</i> Warb.	Kumpang	OSF	Rare
<i>Knema kostermansiana</i> W.J. de Wilde	Kumpang	MDF	
<i>Knema kunstleri</i> (King) Warb.	Kumpang	OSF, LDF, HDF, SRF	
<i>Knema kunstleri</i> (King) Warb. <i>ssp.</i> <i>alpinia</i> (J. Sinclair) W.J. de Wilde	Kumpang	MDF	
<i>Knema latericia</i> Elmer	Kumpang	OSF, LDF	Rare
<i>Knema latericia</i> Elmer <i>ssp.</i> <i>albifolia</i> (J. Sinclair) W.J. de Wilde	Kumpang	MDF	
<i>Knema latifolia</i> Warb.	Kumpang	MF	
<i>Knema lunduensis</i> (J. Sinclair) W.J. de Wilde	Kumpang	OSF	
<i>Knema luteola</i> W.J. de Wilde	Kumpang	OSF	
<i>Knema malayana</i> Warb.	Kumpang	SRF	Rare
<i>Knema membranifolia</i> H. Winkler	Kumpang	OSF	Rare
<i>Knema mogleana</i> W.J. de Wilde	Kumpang	LDF, HDF	
<i>Knema muscosa</i> J. Sinclair	Kumpang enseluai	SRF	
<i>Knema pallens</i> W.J. de Wilde	Kumpang	LDF, HDF	
<i>Knema pectinata</i> Warb.	Kumpang	SRF	Rare
<i>Knema percoriacea</i> J. Sinclair	Kumpang	LDF, HDF	
<i>Knema percoriacea</i> J. Sinclair <i>f.</i> <i>sarawakensis</i> W.J. de Wilde	Kumpang	MDF	
<i>Knema pulchra</i> (Miq.) Warb.	Kumpang	AF, OSF, LDF, HDF, SRF, SMF, MF	
<i>Knema stenophylla</i> (Warb.) J. Sinclair	Kumpang	AF, LDF, HDF	
<i>Knema stenophylla</i> (Warb.) J. Sinclair <i>ssp.</i> <i>longipedicellata</i> (Sinclair) W. J. de Wilde	Kumpang seluai	HDF	Rare
<i>Knema subhirtella</i> W.J. de Wilde	Kumpang	AF, OSF	
<i>Knema</i> spp. (3 species)	Kumpang	AF, OSF, LDF, HDF, SRF	
<i>Myristica borneensis</i> Warb.	Kumpang	MDF	
<i>Myristica cinnamomea</i> King	Kumpang kion	OSF, LDF, HDF, SRF	
<i>Myristica crassa</i> King	Kumpang	AF, OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Myristica elliptica</i> Wall. <i>ex</i> Hook. <i>f.</i> & Thomson	Kumpang	HDF	Rare
<i>Myristica iners</i> Bl.	Kumpang	OSF, LDF, HDF, SRF	
<i>Myristica lowiana</i> King	Kumpang pendarahan	HDF	Rare
<i>Myristica malaccensis</i> Hook. <i>f.</i>	Kumpang	OSF, LDF, HDF	
<i>Myristica maxima</i> Warb.	Kumpang	AF, OSF, LDF	Rare
<i>Myristica papyracea</i> J. Sinclair	Kumpang	LDF	Rare
<i>Myristica smythiesii</i> J. Sinclair	Kumpang	LDF, HDF	
<i>Myristica villosa</i> Warb.	Kumpang	AF, LDF, HDF, MF	
<i>Myristica</i> spp. (2 species)	Kumpang	LDF, HDF	Rare
<b>MYRSINACEAE</b>			
<i>Ardisia borneensis</i> Scheff.	Merjemah	LDF	Rare
<i>Ardisia bungoensis</i> Furtado	Merjemah	MF	Rare
<i>Ardisia colorata</i> Roxb.	Merjemah	HDF, SMF, MF	
<i>Ardisia lanceolata</i> Roxb.	Merjemah	MDF	
<i>Ardisia lancifolia</i> Merr.	Merjemah	OSF, HDF, MF	
<i>Ardisia lepidotula</i> Merr.	Merjemah	LDF, HDF	
<i>Ardisia livida</i> Mez	Merjemah	MDF	
<i>Ardisia lurida</i> Bl.	Merjemah	SRF	Rare
<i>Ardisia macrocalyx</i> Scheff.	Merjemah	RF	
<i>Ardisia marginata</i> Bl.	Merjemah	OSF	Rare
<i>Ardisia moultonii</i> Merr.	Merjemah	OSF	
<i>Ardisia obovatifolia</i> Merr.	Merjemah	RF	
<i>Ardisia oxphylla</i> Wall.	Merjemah	RF	
<i>Ardisia patula</i> Ridl.	Merjemah	HDF	
<i>Ardisia polyactis</i> Mez	Merjemah	MDF	
<i>Ardisia racemibunda</i> B.C. Stone	Merjemah	OSF	Rare
<i>Ardisia reclinata</i> Scheff.	Merjemah	SRF	Rare
<i>Ardisia sanguinolenta</i> Bl.	Merjemah	AF	Rare
<i>Ardisia singularis</i> B.C. Stone	Merjemah	AF	Rare
<i>Ardisia synneura</i> Scheff.	Merjemah	HDF	
<i>Ardisia cf. labisiaefolia</i> King & Gamble	Merjemah	MDF	
<i>Ardisia cf. lustrata</i> B.C. Stone	Merjemah	HDF	Rare
<i>Ardisia</i> spp. (2 species)	Merjemah	OSF, LDF, HDF, SRF, SMF	
<i>Rapanea</i> sp.	Merjemah	RF	

Botanical Name	Vernacular Name	Forest Type	Remark
<b>MYRTACEAE</b>			
<i>Eugenia acuminatissima</i> Kurz	Ubah	LDF	Rare
<i>Eugenia adenophylla</i> Merr. & L.M. Perry	Ubah puteh	OSF, LDF, HDF, SRF	
<i>Eugenia alcinae</i> Merr.	Ubah	OSF, LDF, HDF, SRF, SMF, MF	
<i>Eugenia ampullaria</i> Stapf	Ubah	LDF, SMF, SMF, MF	
<i>Eugenia anisosepala</i> Duthie	Ubah	OSF, LDF	Rare
<i>Eugenia arcuatineruvia</i> Merr.	Ubah lusu	AF, OSF, LDF, HDF, SMF, MF	
<i>Eugenia argyrocalyx</i> Warb.	Ubah	MDF	
<i>Eugenia astromoides</i> C.B. Rob.	Ubah	OSF, LDF	Rare
<i>Eugenia attenuata</i> (Miq.) Koord. & Valeton	Ubah	OSF, HDF, SRF, SMF, MF	
<i>Eugenia bankensis</i> (Hassk.) Backer	Ubah ribu	LDF, HDF, SRF, SMF, MF	
<i>Eugenia baramensis</i> Merr.	Ubah	AF, OSF, SRF	
<i>Eugenia barringtoniodes</i> Ridl.	Ubah daun kecil	LDF, SRF	
<i>Eugenia beccarii</i> Ridl.	Ubah	SRF	Rare
<i>Eugenia brachypoda</i> Merr. & L.M. Perry	Ubah	AF, OSF, HDF	
<i>Eugenia brachyrachis</i> Merr. & L.M. Perry	Ubah	LDF, SRF	Rare
<i>Eugenia cf. burkilliana</i> King	Ubah jamu	LDF	
<i>Eugenia castanea</i> Merr.	Ubah puteh	HDF, SRF	
<i>Eugenia caudatilimba</i> Merr.	Ubah	OSF, LDF, HDF	
<i>Eugenia cerasiformis</i> (Bl.) DC.	Ubah	HDF, SRF	
<i>Eugenia cerina</i> Hend.	Ubah chengkeh	OSF, HDF, SMF	
<i>Eugenia chlorantha</i> Duthie	Ubah	OSF, LDF, HDF, SRF, SMF	
<i>Eugenia christmanii</i> Merr. & L.M. Perry	Ubah jambu	OSF, SRF, SMF	
<i>Eugenia chrysantha</i> Merr. & L.M. Perry	Ubah	AF, OSF, LDF, SMF, MF	
<i>Eugenia claviflora</i> Roxb.	Ubah	OSF, LDF, HDF, SRF	
<i>Eugenia corymbifera</i> Koord. <i>et</i> Valeton	Ubah daun besar	OSF, LDF, HDF, SRF, SMF, MF	
<i>Eugenia cuneiformis</i> Merr. & L.M. Perry	Ubah	OSF	Rare
<i>Eugenia curtisii</i> King	Ubah	OSF, SRF	
<i>Eugenia elliptilimba</i> Merr.	Ubah	AF, LDF, SRF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Eugenia fastigiata</i> (Bl.) Koord. & Valetton	Ubah	OSF, MF	
<i>Eugenia gaultherioides</i> Ridl.	Ubah	MF	Rare
<i>Eugenia glanduligera</i> Ridl.	Ubah	AF, HDF, SRF	
<i>Eugenia grandis</i> Wight	Ubah jambu	HDF	Rare
<i>Eugenia griffithii</i> Duthie	Ubah	OSF, LDF, SRF	Rare
<i>Eugenia cf. hemsleyana</i> King	Ubah jambu	RF	
<i>Eugenia heteroclada</i> Merr.	Ubah	SRF, MF	Rare
<i>Eugenia hirta</i> Korth.	Ubah	MF	
<i>Eugenia hoseana</i> King	Ubah	OSF, HDF	
<i>Eugenia jasminifolia</i> Ridl.	Ubah	SRF	Rare
<i>Eugenia kuchingensis</i> Merr.	Ubah	OSF, LDF, HDF, SMF	
<i>Eugenia kunstleri</i> King	Ubah	OSF, HDF	
<i>Eugenia leptostemon</i> (Korth.) Miq.	Ubah	SRF	
<i>Eugenia leucoxydon</i> (Korth.) Miq.	Ubah	SRF	Rare
<i>Eugenia lineata</i> (Bl.) Duthie	Ubah daun kecil	AF, OSF, LDF, HDF, SRF, SMF, MF	
<i>Eugenia litsaefolia</i> Merr.	Ubah	SRF	
<i>Eugenia media</i> Niedenzu	Jambu air	RF	
<i>Eugenia megalophylla</i> Merr. & L.M. Perry	Ubah	LDF	Rare
<i>Eugenia mulleri</i> Miq.	Ubah	SRF	Rare
<i>Eugenia multibracteolata</i> Merr.	Ubah	MF	
<i>Eugenia myrtilloides</i> Stapf	Ubah	OSF	Rare
<i>Eugenia ochneocarpa</i> Merr.	Ubah parit	OSF, LDF, HDF	
<i>Eugenia ovatifolia</i> Merr. & L.M. Perry	Ubah	SRF, SMF	
<i>Eugenia pachysepala</i> Merr. & L.M. Perry	Ubah	HDF, SRF	
<i>Eugenia pahangensis</i> Ridl.	Ubah	MF	
<i>Eugenia palawanensis</i> C. B. Rob.	Ubah	LDF, HDF, SMF	
<i>Eugenia palembanica</i> (Miq.) Merr.	Ubah samak paya	LDF, HDF	
<i>Eugenia paradoxa</i> Merr.	Ubah	HDF	
<i>Eugenia polyantha</i> Wight	Bungkang	LDF, HDF, SRF	
<i>Eugenia prasiniflora</i> Ridl.	Ubah	HDF, SRF	
<i>Eugenia cf. pseudoformosa</i> King	Ubah	RF, LDF	
<i>Eugenia cf. pseudomollis</i> M.R. Hend.	Ubah	RF	
<i>Eugenia punctilimba</i> Merr.	Ubah	LDF, HDF, MF	



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<i>Eugenia rejangensis</i> Merr. & L.M. Perry	Ubah	RF	
<i>Eugenia remotifolia</i> Ridl.	Ubah	OSF, LDF	Rare
<i>Eugenia rhynchophylla</i> Merr.	Ubah	HDF	Rare
<i>Eugenia rostrata</i> Bl.	Ubah	HDF	Rare
<i>Eugenia rugosa</i> (Korth.) Merr.	Ubah	SMF	Rare
<i>Eugenia tawaensis</i> Korth.	Ubah	OSF, LDF, HDF	
<i>Eugenia tenuicaudata</i> Merr. & L.M. Perry	Ubah	LDF	Rare
<i>Eugenia valdevenosum</i> Duthie	Ubah	MF	
<i>Eugenia</i> spp. (6 species)	Ubah	AF, OSF, LDF, HDF, SRF, SMF, MF	
<i>Tristaniopsis beccarii</i> Ridl.	Ubah	OSF	
<i>Tristaniopsis whiteana</i> Griff.	Selunsor putih	OSF, SRF	
<b>NYCTAGINACEAE</b>			
<i>Pisonia umbellifera</i> (J. R. & G. Forst.) V. Seemen		OSF	Rare
<b>OCHNACEAE</b>			
<i>Brackenridgea palustris</i> Bartell.	Ubah midin paya	LDF	Rare
<i>Gomphia serrata</i> (Gaertn.) Kanis	Cenaga lampong bergigi	HDF, SMF	Rare
<i>Indovethia calophylla</i> Boerl.	Cenaga lampong	MDF	
<i>Schuermansiella angustifolia</i> (Hook. f.) Hallier	Cenaga lampong	LDF	Rare
<b>OLACACEAE</b>			
<i>Anacolosia frutescens</i> (Bl.) Bl.	Ladit	SMF	Rare
<i>Ochanostachys amentacea</i> Mast.	Sentikal	OSF, LDF, HDF, SRF	
<i>Scorodocarpus borneensis</i> Becc.	Bawang hutan	LDF	Rare
<i>Strombosia ceylanica</i> Gard.	Belian landak	OSF, LDF, HDF, SRF	
<i>Strombosia</i> sp.	Belian landak	LDF	Rare
<b>OLEACEAE</b>			
<i>Chionanthus cuspidatus</i> Bl.	Mok	AF, LDF	
<i>Chionanthus enerve</i> Kiew	Mok	MF	
<i>Chionanthus havilandii</i> Kiew	Mok paya daun kecil	LDF, HDF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Chionanthus laxiflora</i> (Bl.) Knobl.	Mok	AF, LDF, HDF, SRF, SMF, MF	
<i>Chionanthus longipetalus</i> (Merr.) Kiew	Mok	AF, HDF, SRF, SMF	
<i>Chionanthus montana</i> (Bl.) G. Don	Mok	SMF	Rare
<i>Chionanthus pachyphylla</i> (Merr.) Kiew	Mok daun tebal	LDF, SRF, SMF	
<i>Chionanthus pluriflorus</i> (Knobl.) Kiew	Mok daun nipis	OSF	Rare
<i>Chionanthus porcatus</i> Kiew	Mok	AF	
<i>Chionanthus racemosa</i> Merr.	Mok/Sapah paya	SRF	Rare
<i>Chionanthus</i> spp. (4 species)	Mok	AF, OSF, LDF, SMF, MF	
<b>OXALIDACEAE</b>			
<i>Sarcotheca glauca</i> (Hook. f.) Hallier f.	Tulang payong	LDF	Rare
<i>Sarcotheca macrophylla</i> Bl.	Piang daun besar	AF	Rare
<b>PANDACEAE</b>			
<i>Galearia fulva</i> (Tul.) Miq.	Limau hantu	AF	
<b>PITTOSPORACEAE</b>			
<i>Pittosporum resiniferum</i> Hemsl.	Bedung (Dusun Ranau)	RF	
<b>POLYGALACEAE</b>			
<i>Xanthophyllum adenotus</i> Miq.	Nyalin	AF, OSF	
<i>Xanthophyllum affine</i> Korth. ex Miq.	Nyalin	AF, OSF, LDF, HDF, SRF, SMF	
<i>Xanthophyllum amoenum</i> Chod.	Nyalin	LDF, HDF, SRF	
<i>Xanthophyllum cordatum</i> Korth. ex Miq.	Nyalin tikus	OSF, HDF	Rare
<i>Xanthophyllum ecarinatum</i> Chod.	Nyalin	MDF	
<i>Xanthophyllum ellipticum</i> Korth. ex Miq.	Nyalin tikus	HDF	
<i>Xanthophyllum flavescens</i> Roxb.	Nyalin	AF, OSF, LDF, HDF, SRF, SMF	
<i>Xanthophyllum griffithii</i> Hook. f. ex Benn.	Nyalin	OSF, HDF	
<i>Xanthophyllum macrophyllum</i> Baker	Nyalin	LDF, HDF	
<i>Xanthophyllum monticolum</i> Meijden	Nyalin	RF	
<i>Xanthophyllum obscurum</i> Benn.	Nyalin	OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Xanthophyllum ovatifolium</i> Chod.	Nyalin	HDF	Rare
<i>Xanthophyllum parvifolium</i> Meijden	Nyalin	LDF	Rare
<i>Xanthophyllum parvum</i> Chod.	Nyalin	HDF	Rare
<i>Xanthophyllum pauciflorum</i> Meijden	Nyalin	AF	Rare
<i>Xanthophyllum pulchrum</i> King	Nyalin	SMF, MF	Rare
<i>Xanthophyllum ramiflorum</i> Meijden	Nyalin	LDF	Rare
<i>Xanthophyllum rufum</i> Benn.	Nyalin	LDF, HDF, MF	
<i>Xanthophyllum scortechinii</i> King	Nyalin	LDF	Rare
<i>Xanthophyllum stipitatum</i> Benn.	Nyalin paya	OSF, LDF	
<i>Xanthophyllum tenue</i> Chod.	Nyalin	LDF, SRF	
<i>Xanthophyllum trichocladum</i> Chod.	Nyalin	AF	
<i>Xanthophyllum velutinum</i> Chod.	Nyalin daun berbulu	HDF	Rare
<i>Xanthophyllum</i> spp. (8 species)	Nyalin	AF, OSF, LDF, HDF, SRF	
<b>PROTEACEAE</b>			
<i>Helicia attenuata</i> (Jack) Bl.	Palis	LDF, HDF, SRF, SMF	
<i>Helicia excelsa</i> (Roxb.) Bl.	Palis	SMF	Rare
<i>Helicia mahmudii</i> Chai	Palis	HDF	
<i>Helicia petiolaris</i> Benn.	Palis	AF, LDF, HDF, SRF, SMF	
<i>Helicia</i> spp. (3 species)	Palis	LDF, SRF	Rare
<i>Heliciopsis montana</i> Symington <i>ex</i> Kochummen	Palis	HDF	Rare
<i>Heliciopsis velutina</i> (Prain) Sleumer	Palis	AF, HDF, SRF	
<i>Heliciopsis</i> sp.	Palis	OSF, LDF, SRF	
<b>RHAMNACEAE</b>			
<i>Rhamnus borneensis</i> Steenis		SMF	
<b>RHIZOPHORACEAE</b>			
<i>Carallia brachiata</i> (Lour.) Merr.	Rabong	OSF, LDF	Rare
<i>Carallia</i> sp.	Rabong	SRF	Rare
<i>Gynotroches axillaris</i> Bl.	Rabong	AF, OSF, LDF, SRF, MF	
<b>ROSACEAE</b>			
<i>Prunus arborea</i> (Bl.) Kalkman	Akil/Enteli	AF, OSF, LDF, HDF, SRF, SMF, MF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Prunus arborea</i> (Bl.) Kalkman <i>var. alticola</i>	Merbatu	LDF	Rare
<i>Prunus arborea</i> (Bl.) Kalkman <i>var. arborea</i>	Merbatu	OSF	Rare
<i>Prunus arborea</i> (Bl.) Kalkman <i>var. densa</i>	Merbatu	SRF	
<i>Prunus arborea</i> (Bl.) Kalkman <i>var. stipulacea</i>	Enteli daun berbulu	OSF	Rare
<i>Prunus beccarii</i> (Ridl.) Kalkman	Akil/Enteli daun bulat	AF, OSF, SRF, SMF	
<i>Prunus grisea</i> (Muell.) Kalkman	Enteli daun nipis	OSF, HDF	Rare
<i>Prunus lamponga</i> (Miq.) Kalkman	Enteli daun licin	MF	
<i>Prunus</i> sp.	Enteli	AF	Rare
Unidentified		HDF	Rare
<b>RUBIACEAE</b>			
<i>Aidia borneensis</i> Ridsdale	Batang	RF	
<i>Anthocephalus borraginum</i> Bl. <i>ex DC.</i>		LDF	Rare
<i>Anthocephalus cadamba</i> (Roxb.) Miq.	Selimpoh/ Kelampayan	AF, OSF, LDF, SRF	
<i>Canthium confertum</i> Korth.	Janang/Tulang ular	AF, LDF, SRF	Rare
<i>Canthium didymum</i> Gaertn.	Janang/Tulang ular	OSF, SRF, MF	
<i>Canthium umbelligerum</i> Miq.	Tulang ular	AF, OSF, HDF, SRF, SMF	
<i>Canthium</i> spp. (2 species)	Jaong	OSF	Rare
<i>Diplospora beccariana</i> King & Gamble	Kopi hutan	LDF	Rare
<i>Diplospora malaccensis</i> Hook. <i>f.</i>	Kopi hutan	SRF	Rare
<i>Diplospora singularis</i> Korth.	Kopi hutan	HDF	
<i>Diplospora</i> spp. (3 species)	Kopi hutan	SMF	Rare
<i>Gaertnera vaginans</i> (DC) Merr.	Mulau paya	MDF	
<i>Gaertnera</i> sp.	Merbungai	MDF	
<i>Gardenia pterocalyx</i> Val.	Mulau pucok/ Mulau paya	AF	Rare
<i>Greenea xanthophytoides</i> Val.	-	MDF	
<i>Ixora bavica</i> Brem.	Gergangsai	LDF, HDF, MDF	Rare
<i>Ixora blumei</i> Zoll. <i>ex Merr.</i>	Gergangsai	MDF	
<i>Ixora capitellata</i> Bremek.	Gergangsai	LDF, HDF	
<i>Ixora fallax</i> Bremek.	Gergangsai	AF	
<i>Ixora fugiens</i> Bremek.	Gergangsai	SMF	
<i>Ixora glomeruliflora</i> Bremek.	Gergangsai	MDF	

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<i>Ixora griffithii</i> Hook. f.	Gergangsai	MDF	
<i>Ixora ityaphylla</i> Bremek.	Gergangsai	SRF	Rare
<i>Ixora lebangharae</i> Bremek.	Gergangsai	OSF	
<i>Ixora longifolia</i> Sm.	Gergangsai	AF	
<i>Ixora miquelii</i> Bremek.	Gergangsai	AF	
<i>Ixora mirabilis</i> Bremek.	Gergangsai	LDF, HDF	
<i>Ixora patula</i> Bremek.	Gergangsai	RF	
<i>Ixora polycephala</i> Bremek.	Gergangsai	RF	
<i>Ixora pyrantha</i> Bremek.	Jarum hutan/ Gergangsai	AF, OSF, LDF, HDF	
<i>Ixora</i> spp. (4 species)	Nyarum/Bunga siantan	AF, OSF, HDF, SRF, SMF, LDF	
<i>Jackia ornata</i> Wall.	Selumar	AF	
<i>Lasianthus borneensis</i> Merr.	Sabar bubu	MDF	
<i>Lasianthus chryseus</i> Ridl.	Sabar bubu	AF, OSF, LDF	
<i>Lasianthus cf. clementis</i> Merr.	Sabar bubu	MDF	
<i>Lasianthus constrictus</i> Wight	Sabar bubu	AF, OSF	
<i>Lasianthus densifolius</i> Miq.	Sabar bubu	LDF	Rare
<i>Lasianthus griffithii</i> Wight	Sabar bubu	OSF	Rare
<i>Lasianthus inaequalis</i> Bl.	Sabar bubu	OSF, LDF, HDF	Rare
<i>Lasianthus maingayi</i> Hook. f.	Sabar bubu	OSF, HDF	Rare
<i>Lasianthus pilosus</i> Wight	Sabar bubu	MDF	
<i>Lasianthus polycarpus</i> Miq.	Sabar bubu	OSF, LDF, HDF	Rare
<i>Lasianthus rhinocerotis</i> Bl.	Sabar bubu	MDF	
<i>Lasianthus scabridus</i> King & Gamble	Sabar bubu	HDF	Rare
<i>Lasianthus stipularis</i> Bl.	Sabar bulu	AF	
<i>Lasianthus</i> spp. (9 species)	Sabar bubu	AF, OSF, SRF, SMF, MF, LDF	
<i>Ludekia</i> sp.	Kedamba	SMF	Rare
<i>Myrioneuron cyaneum</i> Hallier f.		MDF	
<i>Myrmeconuclea strigosa</i> (Korth.) Merr.	Mumban	AF, RF	
<i>Nauclea</i> sp.	Sabar bubu	LDF	Rare
<i>Neonauclea angustifolia</i> (Havil.) Merr.	Empitap	MDF	
<i>Neonauclea artocarpoides</i> Ridsdale		MDF	
<i>Neonauclea borneensis</i> Ridsdale	Empitap	AF, OSF	Rare
<i>Neonauclea calcarea</i> Ridsdale	Kedamba	AF, OSF	Rare
<i>Neonauclea excelsa</i> (Bl.) Merr.	Empitap tapah lebabi	MDF	
<i>Neonauclea peduncularis</i> Walp. ex G. Don	Kedamba, empitap	OSF, LDF, SRF	

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<i>Pavetta axillaris</i> Bremek.	Kopi hutan	LDF	
<i>Pavetta indica</i> L.	Kopi hutan	AF, OSF	Rare
<i>Pavetta cf. petiolaris</i> Craib ex Bremek.	Kopi hutan	AF	Rare
<i>Pavetta sarawakensis</i> Bremek.	Kopi hutan	AF, LDF	Rare
<i>Pavetta</i> sp.	Gergangsai/Sabar bubu	AF, OSF, LDF, HDF, SRF, SMF	
<i>Pleiocarpidia borneensis</i> (Miq.) Bremek.	Sabar bubu	OSF, LDF	
<i>Pleiocarpidia capituligera</i> (Ridl.) Bremek.	Sabar bubu/Kopi hutan	OSF, LDF, HDF	
<i>Pleiocarpidia cephalotes</i> (Ridl.) Bremek.	Sabar bubu	MDF	
<i>Pleiocarpidia chlamydantha</i> Bremek.	Sabar bubu	OSF, LDF	
<i>Pleiocarpidia coffeoides</i> Bremek.	Sabar bubu	MDF	
<i>Pleiocarpidia enneandra</i> (Wight) K. Schum.	Sabar bubu	SRF	Rare
<i>Pleiocarpidia opaca</i> Bremek.	Sabar bubu	HDF, SRF	
<i>Pleiocarpidia paniculata</i> (Ridl.) Poir.	Sabar bubu	RF	
<i>Porterandia anisophylla</i> (Jack ex Roxb.) Ridl.	Mulong udok/Engkudu	AF, OSF, LDF, HDF, SRF, SMF	
<i>Porterandia</i> sp.	Engkudu hutan	LDF	Rare
<i>Praravinia borneensis</i> (Merr.) Bremek.	Sabar bubu	AF, OSF	Rare
<i>Praravinia havilandii</i> (Ridl.) Bremek.	Sabar bubu	AF	
<i>Praravinia cf. verruculosa</i> Bremek.	Sabar bubu	OSF	
<i>Prismatomeris beccariana</i> (Baill.) Johansson	Sabar bubu	OSF	Rare
<i>Prismatomeris</i> sp.	Sabar bubu	LDF	
<i>Psychotria cf. agamae</i> Merr.		MDF	
<i>Psychotria cf. densiflora</i> Stapf		SMF	
<i>Psychotria gyrulosa</i> Stapf		MDF	
<i>Psychotria laxiflora</i> Bl.		MDF	
<i>Psychotria montana</i> Bl.		MDF	
<i>Psychotria ovoidea</i> Wall.		MDF	
<i>Psychotria robusta</i> Bl.		MDF	
<i>Psychotria sarmentosa</i> Bl.		MF	
<i>Psychotria viridiflora</i> Reinw. ex Bl.		MDF	
<i>Psychotria</i> spp. (2 species)		MDF	
<i>Randia corymbosa</i> Bl.	Engkudu hutan	LDF	Rare
<i>Randia kuchingensis</i> W.W. Sm.	Engkudu hutan	AF	
<i>Randia scortechinii</i> King & Gamble	Engkudu hutan	OSF, HDF, SRF	Rare

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<i>Randia</i> sp.	Engkudu hutan	OSF, LDF, HDF	
<i>Rennellia elliptica</i> Korth.		RF	
<i>Saprosma arboreum</i> Bl.	Mertai	OSF, LDF	
<i>Stichianthus minutiflorus</i> Valetton	Merabenai	LDF	
<i>Tarenna cumingiana</i> (Vidal) Elmer.	Nyarum hutan	LDF	Rare
<i>Tarenna fragrans</i> (Bl.) Koord. <i>et</i> Valetton	Nyarum hutan	SRF, MF	Rare
<i>Tarenna oblanceolata</i> Ridl.	Nyarum hutan	LDF, SRF	Rare
<i>Tarenna wallichii</i> Ridl.	Nyarum hutan	SRF	Rare
<i>Timonius borneensis</i> Valetton	Rentap	AF, OSF	Rare
<i>Timonius compressicaulis</i> (Miq.) Boerl.	Rentap	MF	Rare
<i>Timonius flavescens</i> (Jack) Baker	Rentap/Merampak/L egai	SMF, MF	
<i>Timonius lasianthoides</i> Valetton	Rentap	OSF	
<i>Timonius</i> spp. (4 species)	Rentap/Engkudu/ Muludok	AF, LDF, SMF, MF	
<i>Urophyllum arboreum</i> (Reinw.) Korth.	Sabar bubu	LDF, HDF	
<i>Urophyllum borneensis</i> Miq.	Sabar bubu	HDF	
<i>Urophyllum cf. congestiflorum</i> Ridl.	Sabar bubu	AF, HDF	
<i>Urophyllum glabrum</i> Wall.	Sabar bubu	OSF	
<i>Urophyllum griffithianum</i> Hook. <i>f.</i>	Sabar bubu	OSF, LDF	Rare
<i>Urophyllum hirsutum</i> Hook. <i>f.</i>	Sabar bubu	HDF	Rare
<i>Urophyllum longidens</i> Stapf	Sabar bubu	HDF	
<i>Urophyllum lowei</i> Ridl.	Sabar bubu	AF	
<i>Urophyllum cf. melanocarpum</i> Ridl.	Sabar bubu	HDF	Rare
<i>Urophyllum nigricans</i> Wernh.	Sabar bubu	OSF, LDF, HDF	
<i>Urophyllum salicifolium</i> Stapf	Sabar bubu	SMF	
<i>Urophyllum cf. sessiliflorum</i> Ridl.	Sabar bubu	MDF	
<i>Urophyllum trifurcum</i> Pears.	Sabar bubu	MDF	
<i>Urophyllum cf. umbellatum</i>	Sabar bubu	LDF	
<i>Urophyllum vulpinum</i> Bremek.	Sabar bubu	MDF	
<i>Urophyllum woodii</i> Merr.	Sabar bubu	Rheophytic	
<i>Urophyllum</i> spp. (5 species)	Sabar bubu	AF, OSF, HDF, SRF, SMF, MF, LDF	
Unidentified (2 species)		AF, LDF, HDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<b>RUTACEAE</b>			
<i>Acronychia pedunculata</i> (L.) Miq.		HDF	Rare
<i>Clausena excavata</i> Burm. f.	Limau hantu	HDF	Rare
<i>Glycosmis chlorosperma</i> Spreng.	Segera mersing	OSF	Rare
<i>Luvunga sarmentosa</i> (Bl.) Kurz.		SRF	Rare
<i>Maclurodendron porteri</i> (Hook. f.) T.G. Hartley		MDF	
<i>Maclurodendron</i> sp.		OSF	Rare
<i>Melicope latifolia</i> (DC.) T. G. Hartley		OSF	Rare
<i>Melicope lunu-ankenda</i> (Gaertn.) T.G. Hartley	Jampang/Setang	HDF	
<i>Melicope</i> spp.		OSF, MDF, SMF, MF	
<i>Pleiospermium latialatum</i> Swingle	Limau hutan	OSF	
<i>Tetractomia tetrandrum</i> (Roxb.) Merr.	Serang/Rawang mata	SMF, MF	
Unidentified		-	Rare
<b>SABIACEAE</b>			
<i>Meliosma pinnata</i> (Roxb.) Walp.	Bulu manok	OSF, LDF	Rare
<i>Meliosma rufo-pilosa</i> M.R. Hend.	Bulu manok	AF, OSF, SRF	Rare
<i>Meliosma sarawakensis</i> Ridl.	Bulu manok	OSF	
<i>Meliosma sumatrana</i> (Jack) Walp.	Bulu manok	AF, OSF	
<i>Meliosma</i> sp.	Bulu manok	LDF, HDF, SRF, SMF	
<b>SAPINDACEAE</b>			
<i>Dimocarpus longan</i> Lour.	Guring/Kakus	AF, OSF	Rare
<i>Dimocarpus longan</i> Lour. <i>ssp.</i> <i>malesianus</i> Leenh.	Kakus	RF, OSF, MDF	
<i>Dimocarpus</i> sp.		RF	
<i>Euphoria</i> sp.	Mata kucing	AF	Rare
<i>Guioa bijuga</i> (Hiern) Radlk.	Marunia	AF	Rare
<i>Guioa diplopetala</i> (Hassk.) Radlk.		MDF	
<i>Lepisanthes amoena</i> (Hassk.) Leenh.	Engkilili daun kecil	OSF	Rare
<i>Lepisanthes divaricata</i> (Radlk.) Leenh.	Engkilili hutan	OSF	Rare
<i>Lepisanthes fruticosa</i> (Radlk.) Leenh.	Engkili	MDF	
<i>Lepisanthes</i> spp.	Engkilili	OSF	Rare
<i>Nephelium beccarianum</i> L.	Rambutan hutan	LDF	Rare



Botanical Name	Vernacular Name	Forest Type	Remark
<i>Nephelium chryseum</i> Bl.	Rambutan hutan	AF	Rare
<i>Nephelium cuspidatum</i> Bl.	Rambutan hutan	MDF	
<i>Nephelium lappaceum</i> L.	Rambutan	AF, OSF, HDF	
<i>Nephelium maingayi</i> Hiern	Serait	LDF, HDF, SRF	
<i>Nephelium meduseum</i> Leenh.	Rambutan hutan	OSF, LDF	
<i>Nephelium obovatum</i> Ridl.	Rambutan hutan	OSF	Rare
<i>Nephelium ramboutan-ake</i> (Labill.) Leenh.	Rambutan	OSF	
<i>Nephelium subferrugineum</i> Radlk.	Melanjau daun besar	LDF, HDF	
<i>Nephelium uncinatum</i> Radlk.	Melanjau daun kecil	HDF	Rare
<i>Nephelium</i> spp. (up to 3 species)	Rambutan	LDF, HDF, SRF, SMF	
<i>Paranephelium xestophyllum</i> Miq.	Kiah daun kecil	LDF	Rare
<i>Pometia pinnata</i> J.R. & G. Forst.	Kasai/Engkuang	AF, OSF	Rare
<i>Pometia</i> sp.	Kasai	RF	
<i>Xerospermum laevigatum</i> Bl.	Tundun biawak	LDF	Rare
<i>Xerospermum laevigatum</i> Radlk. <i>var.</i> <i>acuminatum</i> (Radlk.) Leenh.		MDF	
<i>Xerospermum norronhianum</i> Bl.	Pudun/Ilat	AF, OSF, LDF, HDF	
<i>Xerospermum</i> sp.	Pudun/Tundun biawak	AF, LDF, SMF	
Unidentified 2 species	Rambutan hutan	HDF, SRF	Rare
<b>SAPOTACEAE</b>			
<i>Aulandra longifolia</i> H.J. Lam	Nyatoh	OSF	
<i>Madhuca beccarii</i> Pierre <i>ex</i> Dubard	Nyatoh	HDF	Rare
<i>Madhuca burckiana</i> (Koord.) H.J. Lam	Nyatoh	LDF, SRF	
<i>Madhuca daemonica</i> v.d. Assem	Ketiau padang	SMF	
<i>Madhuca kingiana</i> Brace v. d. Assem	Nyatoh	OSF	Rare
<i>Madhuca pallida</i> (Burck) H.J. Lam	Nyatoh	LDF	Rare
<i>Madhuca</i> sp.	Nyatoh	HDF, SRF, SMF	
<i>Palaquium beccarianum</i> (Teysm. <i>et</i> Binn.) Pierre	Nyatoh	OSF	Rare
<i>Palaquium calophyllum</i> (Teysm. <i>et</i> Binn.) Pierre	Nyatoh	OSF, LDF, MF	
<i>Palaquium dasyphyllum</i> (De Vries) Pierre <i>ex</i> Dubard	Nyatoh	MDF	
<i>Palaquium decurrens</i> H.J. Lam	Nyatoh	OSF	Rare
<i>Palaquium elegans</i> Griff. & H.J. Lam	Nyatoh	OSF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Palaquium gutta</i> (Hook. f.) Baill.	Nyatoh rian	AF, LDF, HDF, SRF, SMF, MF	
<i>Palaquium majas</i> H.J. Lam	Nyatoh	AF, LDF, HDF	
<i>Palaquium rioense</i> H.J. Lam	Nyatoh	LDF, SRF, SMF, MF	
<i>Palaquium rufo-lanigerum</i> P. Royen	Nyatoh	LDF, SMF	
<i>Palaquium sericeum</i> H.J. Lam	Nyatoh	AF, OSF	
<i>Palaquium stenophyllum</i> H.J. Lam	Nyatoh	AF, OSF, LDF, SRF	
<i>Palaquium</i> spp. (4 species)	Nyatoh	AF, OSF, LDF, HDF, SRF, SMF, MF	
<i>Payena endertii</i> H.J. Lam	Nyatoh	SMF	Rare
<i>Payena leerii</i> (Teysm. & Binn.) Kurz	Nyatoh kabang	AF	
<i>Payena lucida</i> (G. Don.) D.C.	Nyatoh	HDF, SRF	
<i>Payena</i> sp.	Nyatoh	LDF, HDF	
<i>Planchonella maingayi</i> (Cl.) P. Royen	Nyatoh nangka	AF	Rare
<i>Pouteria malaccensis</i> (Cl.) Baehni	Nyatoh	LDF	Rare
Unidentified (2 species)	Nyatoh	AF, HDF	
<b>SAURAUACEAE</b>			
<i>Saurauia acuminata</i> Merr.	Mata ikan	RF	
<i>Saurauia amoena</i> Stapf	Mata ikan	MF	Rare
<i>Saurauia ferox</i> Korth.	Mata ikan	LDF	
<i>Saurauia glabra</i> Merr.	Mata ikan	LDF, SRF	Rare
<i>Saurauia heterophylla</i> Merr.	Mata ikan	OSF, LDF	
<i>Saurauia myrmecoidea</i> Merr.	Mata ikan	RF	
<i>Saurauia nudiflora</i> DC.	Mata ikan	RF	
<i>Saurauia cf. planchonii</i> Hook. f.	Mata ikan	MDF	
<i>Saurauia reinwardtiana</i> Bl.	Mata ikan	AF	
<i>Saurauia subcordata</i> Korth.	Mata ikan	RF	
<i>Saurauia</i> sp.	Mata ikan	AF	Rare
<b>SCYPHOSTEGIACEAE</b>			
<i>Scyphostegia borneensis</i> Stapf		RF	Rare
<b>SIMAROUBACEAE</b>			
<i>Allantospermum borneensis</i> Forman	Tulang	LDF	Rare
<i>Eurycoma longifolia</i> Jack	Tongkat ali	LDF, HDF	Rare
<i>Quassia borneensis</i> Noot.	Medang pahit	AF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<b>SONNERATICACEAE</b>			
<i>Duabanga moluccana</i> Bl.	Sawih	OSF	Rare
<b>STERCULIACEAE</b>			
<i>Heritiera albiflora</i> (Ridl.) Kosterm.	Mengkulang jari	LDF	Rare
<i>Heritiera aurea</i> Kosterm.	Mengkulang	LDF	
<i>Heritiera sumatrana</i> (Miq.) Kosterm.	Mengkulang	OSF, LDF	
<i>Heritiera</i> sp.	Mengkulang	AF, LDF	Rare
<i>Leptonychia caudata</i> (Wall. ex G. Don) Burret	Kepala beriak	OSF, MDF	
<i>Scaphium cf. borneensis</i> (Merr.) Beaumee		MDF	
<i>Scaphium macropodum</i> (Miq.) Beaumee ex Heyne	Kembang semangkok	OSF, LDF, HDF	
<i>Scaphium</i> sp.	Kembang semangkok	LDF	Rare
<i>Sterculia cuspidata</i> R. Br.	Melebu	LDF	
<i>Sterculia hispidissima</i> Ridl.	Biris	AF	Rare
<i>Sterculia hosei</i> Merr.	Biris	AF	
<i>Sterculia lancaviensis</i> Ridl.	Melebu	SRF	Rare
<i>Sterculia longifolia</i> Vent.	Melebu batu kapur	SRF	Rare
<i>Sterculia pearsonii</i> Merr.	Melebu	OSF	Rare
<i>Sterculia rubiginosa</i> Vent.	Melebu	AF, OSF	Rare
<i>Sterculia scortechinii</i> King	Melebu	AF	Rare
<i>Sterculia stipulata</i> Korth.	Melebu batu kapur	OSF	Rare
<i>Sterculia</i> spp. (4 species)	Melebu	AF, OSF	
<b>STYRACACEAE</b>			
<i>Bruinsmia styracoides</i> Boerl. & Koord.		MDF	Rare
<b>SYMPLOCACEAE</b>			
<i>Symplocos adenophylla</i> Wall. ex G. Don	Jirak	OSF, SRF	
<i>Symplocos crassipes</i> Cl.	Jirak	HDF	Rare
<i>Symplocos fasciculata</i> (Wall.) Zoll.	Jirak	AF, SMF	
<i>Symplocos laeteviridis</i> Stapf var. kinabaluensis	Jirak	HDF	Rare
<i>Symplocos laeteviridis</i> Stapf var. laeteviridis	Jirah	MDF	
<i>Symplocos leochaii</i> Chai	Jirak	MDF, OSF, LDF	

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Symplocos</i> sp.	Jirak	AF, OSF, LDF, HDF, SRF	
<b>TETRAMERISTACEAE</b>			
<i>Tetramerista glabra</i> Miq.	Entuyut	AF	Rare
<b>THEACEAE</b>			
<i>Adinandra acuminata</i> Korth.	Legai	HDF, SRF, SMF	
<i>Adinandra clemensiae</i> Kobuski	Legai	OSF, HDF	Rare
<i>Adinandra cordifolia</i> Ridl.	Legai	AF, OSF, LDF	
<i>Adinandra dumosa</i> Jack	Legai	OSF, LDF, HDF	
<i>Adinandra magniflora</i> Kobuski	Legai	OSF	
<i>Adinandra sarcosanthera</i> Miq.	Legai	SMF	Rare
<i>Adinandra verrucosa</i> Stapf	Berat	OSF	
<i>Adinandra</i> sp.	Legai	OSF, LDF, HDF, SRF, MF	
<i>Eurya acuminata</i> (DC.) Merr.	Legai	HDF, SRF	Rare
<i>Gordonia havilandii</i> Burkill		MDF	
<i>Gordonia sarawakensis</i> King	Kuyong-kuyong	HDF	Rare
<i>Schima wallichii</i> (DC.) Korth.	Legai	SRF, SMF	
<i>Ternstroemia bancana</i> Miq.	Legai	SMF, MF	Rare
<i>Ternstroemia cf. citrina</i> Ridl.	Legai	MF	
<i>Ternstroemia denticulata</i> (Pierre) Ridl.	Legai	SMF	Rare
<i>Ternstroemia macrocalyx</i> Airy Shaw	Legai	SRF, SMF	Rare
<i>Ternstroemia magnifica</i> Stapf ex Ridl.	Medang pajal daun besar	AF, OSF, SRF, MF	
<i>Ternstroemia cf. montana</i> Ridl.	Legai	SMF	
<i>Ternstroemia penangiana</i> Choisy	Legai	MDF	
<i>Ternstroemia</i> sp.	Legai	LDF	Rare
<b>THYMELIACEAE</b>			
<i>Amyxa pluricornis</i> (Ridl.) Domke	Gaharu tulang/Melitan	LDF, HDF	
<i>Aquilaria cf. beccariana</i> V. Tiegh.	Engkaras	MDF	
<i>Wilkstroemia androsaemifolia</i> Decne.	Engkaras daun kecil	MF	
<b>TILIACEAE</b>			
<i>Brownlowia glabrata</i> Stapf ex Ridl.	Bunsi	LDF	Rare
<i>Brownlowia</i> sp.	Melebu	OSF	Rare
<i>Grewia antidesmaefolia</i> King	Bunsi	AF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Grewia blattaefolia</i> Corner	Bunsi	OSF	Rare
<i>Grewia elmeri</i> (Merr.) Ashton	Bunsi	OSF	
<i>Grewia fibrocarpa</i> Mast.	Bunsi	AF, SRF	Rare
<i>Grewia ossea</i> Stapf ex Burret	Bunsi/Pala sunpit	AF, OSF, LDF	Rare
<i>Grewia</i> spp. (up to 4 species)	Bunsi	AF, OSF, LDF, HDF, SRF	
<i>Jarandersonia purseglovei</i> (Kosterm.) Kosterm.	Baru barun daun kasar	LDF	Rare
<i>Jarandersonia spinulosa</i> Kosterm.	Baru barun	LDF	Rare
<i>Pentace erectinervia</i> Kosterm.	Baru bukit	AF, LDF, HDF	
<i>Pentace laxiflora</i> Merr.	Baru bukit	LDF	Rare
<i>Pentace rigida</i> Kosterm.	Baru bukit	LDF	
<i>Pentace</i> sp.	Baru	LDF	Rare
<i>Schoutenia accrescens</i> (Mast.) Merr.	Kedang	LDF	Rare
<i>Schoutenia glomerata</i> King	Kedang	OSF	Rare
<i>Sloanea javanica</i> (Miq.) Szyzs.	Mercapan	OSF, LDF	
<b>ULMACEAE</b>			
<i>Celtis philippensis</i> Blanco	Sireh-sireh	SRF	Rare
<i>Gironniera nervosa</i> Planch.	Medang kasap	AF, OSF, LDF, SRF	
<i>Gironniera parvifolia</i> Planch.	Medang kasap	OSF, LDF	
<i>Gironniera subaequalis</i> Planch.	Medang kasap	MDF	
<i>Gironniera</i> sp.	Medang kasap	OSF	Rare
<i>Trema orientalis</i> (L.) Bl.	Kendiong	RF	
<b>URTICACEAE</b>			
<i>Astrothalamus reticulatus</i> (Wedd.) Roxb.	-	AF	
<i>Leucosyke capitellata</i> (Poir.) Wedd.	-	RF	
<i>Oreocnide</i> sp.	-	AF	
<b>VERBENACEAE</b>			
<i>Callicarpa havilandii</i> (King & Gamble) H.J. Lam		AF, OSF	
<i>Callicarpa involucrata</i> Merr.	Bilau	RF	
<i>Callicarpa longifolia</i> H.J. Lam		RF	
<i>Callicarpa pentandra</i> Roxb.		RF	
<i>Callicarpa saccata</i> Steenis		RF	
<i>Callicarpa</i> spp. (2 species)		MF	Rare

Botanical Name	Vernacular Name	Forest Type	Remark
<i>Clerodendrum adenophysum</i> Hallier		AF	
<i>Clerodendrum sarawakanum</i> H.J. Lam	Peti' babi	HDF	
<i>Clerodendrum serratum</i> Spreng		MDF	
<i>Clerodendrum squamatum</i> Vahl		RF	
<i>Clerodendrum</i> spp. (2 species)	Pepanggil bukit	MF	
<i>Teijsmanniodendron bogoriense</i> Koord.	Entabuloh	SRF	Rare
<i>Teijsmanniodendron coriaceum</i> (C.B. Cl.) Kosterm.	Entabuloh	OSF, LDF, HDF	Rare
<i>Teijsmanniodendron glabrum</i> Merr.	Entabuloh	SMF	Rare
<i>Teijsmanniodendron holrungii</i> (Warb.) Kosterm.	Entabuloh	AF, LDF, HDF	
<i>Teijsmanniodendron holophyllum</i> (Baker) Kosterm.	Entabuloh	HDF, SRF, SMF	
<i>Teijsmanniodendron sarawakanum</i> (Pears.) Kosterm.	Entabuloh	AF, OSF, LDF, HDF, SRF	
<i>Teijsmanniodendron simplicifolium</i> Merr.	Entabuloh	AF, HDF, SMF	
<i>Teijsmanniodendron sinclairii</i> Kosterm.	Entabuloh	HDF	Rare
<i>Teijsmanniodendron unifoliatum</i> (Merr.) Moldenke	Entabuloh	HDF	
<i>Teijsmanniodendron</i> sp.	Entabuloh	OSF, LDF, HDF, SMF	
<i>Vitex</i> sp.	Serang kampong	RF	
<b>VIOLACEAE</b>			
<i>Rinorea anguifera</i> (Lour.) Kuntze	Siku ensluai	OSF, LDF	
<i>Rinorea homeri</i> (Korth.) Kuntze	Siku ensluai	AF	Rare
<i>Rinorea illiaspaiei</i> Jacobs	Siku ensluai	MDF, OSF	
<i>Rinorea</i> sp.	Siku ensluai	MDF	
<b>WINTERACEAE</b>			
<i>Drimys piperita</i> Hook. f.	Brasang	SMF	

## 2.2 A LIST OF VASCULAR PLANTS (NON-TREE FLORA: HERBS, PALMS, CLIMBERS, EPIPHYTES)

Paul P. K. Chai, Katharine G. Pearce and Runi Sylvester Pungga

### Note:

- Forest Type:  
RF – Riparian Forest, AF – Alluvial Forest, LDF – Lowland Dipterocarp Forest, MDF – Mixed Dipterocarp Forest, OSF – Old Secondary Forest, HDF – Hill Dipterocarp Forest, SRF – Summit Ridge Forest, SMF – Submontane Forest, MF – Montane Forest,
- All vernacular names in Iban except where indicated.
- Rare: Less than 5 individuals recorded during ecological surveys.

Botanical Name	Vernacular Name	Forest Type	Habit	Remark
<b>ACANTHACEAE</b>				
<i>Cosmianthemum magnifolium</i> Bremek.		OSF, MDF	Herb	
<i>Cosmianthemum obtusifolium</i> Bremek.		HDF	Herb	
<i>Dyschoriste oligosperma</i> Bremek.		RF	Herb	
<i>Hallieracantha</i> sp.		LDF	Herb	
<i>Hygrophila pusilla</i> Bl.		MDF	Herb	
<i>Peristrophe</i> sp.		OSF	Herb	
<i>Pseuderanthemum caudifolium</i> Ridl.		MDF	Herb	
<i>Staurogyne havilandii</i> C.B. Cl. <i>ex</i> Bremek.		RF, OSF	Herb	
<i>Staurogyne jaheri</i> Bremek.	Melebab	MDF	Herb	
<i>Staurogyne</i> spp. (3 species)		LDF, MF, HDF	Herb	
<b>ADIANTACEAE</b>				
<i>Adiantum</i> sp.	Paku	SRF	Fern	
<i>Syngamma alismifolia</i> (C. Presl.) J. Sm.	Paku	LDF, MF	Fern	
<i>Taenitis blechnoides</i> (Willd.) Sw.	Paku	HDF, OSF, MDF	Fern	
<b>AGAVACEAE</b>				
<i>Dracaena angustifolia</i> Roxb.	Sabang	SMF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Dracaena congesta</i> Ridl.	Sabang	SRF	Herb	Rare
<i>Dracaena gracilis</i> Wall.	Sabang	RF	Herb	
<i>Dracaena</i> sp.	Sabang	SRF	Herb	Rare
<b>ANNONACEAE</b>				
<i>Anaxagorea</i> sp.	Akar	OSF	Climber	
<i>Fissistigma kingii</i> Burkill	Akar malam	RF, OSF, MDF	Climber	
<i>Fissistigma latifolium</i> Merr.	Akar rarak	HDF, SRF	Climber	
<i>Fissistigma rigidum</i> Ridl.	Akar rarak	AF	Climber	Rare
<i>Fissistigma rugosum</i> J. Sinclair	Akar rarak	RF	Climber	
<i>Fissistigma</i> sp.	Akar rarak	OSF, LDF, HDF	Climber	
<i>Friesodielsia affinis</i> (Hook. f. et Thoms.) Steenis	Akar rarak	AF	Climber	Rare
<i>Friesodielsia borneensis</i> (Miq.) J. Sinclair	Akar rarak	LDF	Climber	
<i>Friesodielsia glauca</i> (Bl.) J. Sinclair	Akar rarak	OSF, LDF	Climber	
<i>Mitrella</i> sp.	Akar rarak	AF, OSF, HDF	Climber	
<i>Mitreola sphaerocarpa</i> Leenh.		AF	Herb	Rare
<i>Orophea</i> sp.	Akar rarak	OSF, LDF	Climber	Rare
<i>Pseuduvaria reticulata</i> Miquel	Akar rarak	OSF, SRF	Climber	Rare
<i>Pseuduvaria</i> sp.	Akar rarak	AF	Climber	
<i>Uvaria</i> sp.	Akar malam	MDF	Climber	
Unidentified		AF	Climber	Rare
<b>APOCYNACEAE</b>				
<i>Alyxia pilosa</i> Miq.		RF	Climber	
<i>Chilocarpus beccarianus</i> Pierre		OSF	Climber	
<i>Chilocarpus obtusifolius</i> Merr.	Akar	SRF	Climber	
<i>Chilocarpus rostratus</i> Markgr.	Akar bolik	RF	Climber	
<i>Chilocarpus torulosus</i> (Boerl.) Markgr.	Akar kubal	SRF	Climber	
<i>Leuconotis anceps</i> Jack		HDF	Climber	
<i>Leuconotis eugeniifolia</i> A. DC.	Akar empit	OSF, LDF	Climber	
<i>Melodinus</i> sp.		MF	Climber	
<i>Microchites</i> sp.		SRF	Climber	Rare



Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Urnularia beccariana</i> (Pierre) Stapf	Akar	HDF	Climber	
<i>Willughbeia angustifolia</i> (Miq.) Markgr.	Akar	HDF	Climber	
<i>Willughbeia coriacea</i> Wall.	Akar kubal	SRF, SMF	Climber	
<i>Willughbeia flavescens</i> Dyer <i>et</i> Hook. <i>f.</i>	Akar kubal	OSF, LDF	Climber	
<i>Willughbeia</i> sp.	Akar kubal	LDF	Climber	Rare
Unidentified	Akar gelumang	OSF	Climber	Rare
<b>ARACEAE</b>				
<i>Alocasia beccarii</i> Engl.	Keladi	MDF	Herb	
<i>Alocasia longiloba</i> Miq.	Keladi	OSF, LDF, MF	Herb	Rare
<i>Alocasia regia</i> N.E. Br.	Keladi	AF, OSF	Herb	
<i>Alocasia robusta</i> M. Hotta	Keladi birah	AF	Herb	
<i>Alocasia</i> sp.	Keladi	AF, LDF, HDF, SRF, MF	Herb	Rare
<i>Amorphophallus borneensis</i> (Engl.) Engl. & Gerhrm.		RF	Herb	
<i>Amydrium medium</i> (Zoll. & Moritzi) Nicolson		MDF	Herb	
<i>Anadendrum microstachyum</i> (Miq.) Backer & Alderw.		MDF	Herb	
<i>Aridarum purselovei</i> (Furtado) M. Hotta	Sungko ungkut	RF	Herb	
<i>Aridarum</i> sp.		MDF	Herb	
<i>Arisaema filiforme</i> Bl.		AF	Herb	
<i>Bucephalandra pygmaea</i> (Becc.) M. Hotta		LDF	Herb	
<i>Epipremnopsis</i> sp.		MDF	Herb	
<i>Homalomena consobrina</i> (Schott) Engl.	Entemu mayas	RF	Herb	
<i>Homalomena humilis</i> (Jack) Hook. <i>f.</i>	Keladi	AF	Herb	Rare
<i>Homalomena propinqua</i> Schott	Keladi jerenang	AF	Herb	
<i>Homalomena punctulata</i> Engl.		MDF	Herb	
<i>Homalomena sagittifolia</i> Schott	Entemu	AF	Herb	
<i>Homalomena</i> spp. (4 species)	Keladi	AF, LDF, SRF	Herb	
<i>Phymatarum borneensis</i> M. Hotta		RF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Piptospatha burbridgea</i> (N.E. Br.) M. Hotta		AF	Herb	
<i>Piptospatha elongata</i> (Engl.) N.E. Br.		AF	Herb	
<i>Podolasia stipitata</i> N.E. Br.		MDF	Herb	
<i>Pothos</i> spp. (2 species)		RF	Herb	
<i>Raphidophora beccarii</i> Engl.		MDF	Herb	
<i>Raphidophora tenuis</i> Engl.		RF	Herb	
<i>Raphidophora</i> spp. (3 species)		AF	Herb	
<i>Schismatoglottis fasciata</i> (Ridl.) Engl.	Buah saunkut-unkut	RF	Herb	
<i>Schismatoglottis</i> spp. (2 species)		RF	Herb	
<i>Scindapsus coriaceus</i> Engl.	Kamuyang	MF	Herb	
<i>Scindapsus rupestris</i> Ridl.		MDF	Herb	
<i>Scindapsus</i> spp. (3 species)		MDF	Herb	
Unidentified		LDF, HDF	Herb	
<b>ARALIACEAE</b>				
<i>Osmoxylon borneense</i> Seem.		AF, RF	Herb	
<i>Schefflera avenis</i> (Miq.) R. Vig.		SRF	Epiphyte	
<i>Schefflera conjuncta</i> Frodin		RF	Epiphyte	
<i>Schefflera elliptica</i> (Miq.) Harms	Raba cit	LDF	Epiphyte	
<i>Schefflera lasiocalyx</i> Ridl.		RF, SRF	Epiphyte	
<i>Schefflera multiarcuata</i> Frodin		RF	Epiphyte	
<i>Schefflera petiolosa</i> (Miq.) Harms		RF, AF	Epiphyte	
<i>Schefflera tetrandra</i> Merr.	Kuku bajan	MDF	Epiphyte	
<i>Schefflera truncata</i> Frodin		RF	Epiphyte	
<i>Schefflera</i> spp. (4 species)		RF	Epiphyte	
<b>ARISTOLOCHIACEAE</b>				
<i>Thottea</i> sp.	Sunti babi	AF	Herb	Rare
<b>ASCLEPIADACEAE</b>				
<i>Dischidia albida</i> Griff.		RF	Climber	
<i>Dischidia tubulifera</i> King & Gamble		MDF	Climber	
<i>Dischidia</i> sp.		SMF	Climber	
<i>Hoya coronaria</i> Bl.		RF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Hoya</i> sp.		MDF	Climber	
<b>ASPLENIACEAE</b>				
<i>Asplenium nidus</i> Linn.	Rajang	MDF	Fern	
<i>Asplenium nitidum</i> Sw.	Rajang	SRF	Fern	
<i>Asplenium salignum</i> Bl.	Rajang	AF	Fern	
<i>Asplenium scolopendrioides</i> J. Sm. ex Hook.	Rajang	AF	Fern	
<i>Asplenium subaquatile</i> Ces.	Rajang	RF	Fern	
<i>Asplenium tenerum</i> G. Forst.	Rajang	SRF	Fern	
<i>Asplenium</i> spp. (5 species)	Rajang/Paku-pakis rajang	AF, OSF, HDF, SRF	Fern	
<b>ATHYRIACEAE</b>				
<i>Athyrium accedens</i> (Bl.) Wilde	Paku	AF	Fern	
<i>Athyrium</i> spp. (4 species)		RF	Fern	
<i>Diplazium cordifolium</i> Bl.	Paku	MDF	Fern	
<i>Diplazium crenoserratum</i> (Bl.) T. Moore	Paku	MDF	Fern	
<i>Diplazium esculentum</i> (Retz.) Sw.	Paku ikan	AF	Fern	
<i>Diplazium malaccense</i> C. Presl.	Paku	RF	Fern	
<i>Diplazium riparium</i> Holttum	Paku	MDF	Fern	
<i>Diplazium sorzogonense</i> (C. Presl.) Presl.	Paku	MDF	Fern	
<i>Diplazium</i> sp.	Paku	MDF	Fern	
<b>BEGONIACEAE</b>				
<i>Begonia pubescens</i> Ridl.	Riang	RF, OSF	Herb	
<i>Begonia pyrha</i> Ridl.	Riang	MDF	Herb	
<i>Begonia asperula</i> Linn.	Riang	OSF	Herb	
<i>Begonia sarawakensis</i> Ridl.	Riang	RF	Herb	
<i>Begonia xiphophylla</i> Irmsch.	Riang	MDF	Herb	
<i>Begonia</i> spp. (26 species)	Riang	AF, OSF, LDF, HDF, SRF	Herb	
<b>BLECHNACEAE</b>				
<i>Blechnum orientale</i> Linn.	Paku kelindang	MF	Fern	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Blechnum</i> sp.	Paku	AF, OSF, SRF	Fern	
<b>BURMANNIACEAE</b>				
<i>Burmannia championii</i> Thwaites	Kulat	LDF	Saprophyte	
<i>Burmannia longifolia</i> Becc.	Kulat	MDF	Saprophyte	
<b>CAMPANULACEAE</b>				
<i>Pentaphragma acuminatum</i> Airy Shaw		MDF	Herb	
<i>Pentaphragma albiflorum</i> H.H.W. Pearson		MDF	Herb	
<b>CELASTRACEAE</b>				
<i>Celastrus monospermoides</i> Loes.	Akar perupok	SRF	Climber	Rare
<i>Glyptopetalum</i> sp.		MDF	Herb	
Unidentified	Akar perupok	OSF	Climber	Rare
<b>CHLORANTHACEAE</b>				
<i>Chloranthus erectus</i> (Buch.-Ham.) Verd.		RF	Herb	
<b>COMMELINACEAE</b>				
<i>Amischotolype</i> spp. (2 species)		RF	Herb	
<i>Forrestia glaberrima</i> Hook. f.		AF	Herb	
<i>Forrestia marginata</i> Hassk.		AF	Herb	
<b>CONNARACEAE</b>				
<i>Agelaea borneensis</i> (Hook. f.) Merr.	Akar malam	SRF, SMF	Climber	Rare
<i>Agelaea macrophylla</i> (Zoll.) Leenh.	Akar malam	LDF	Climber	Rare
<i>Agelaea</i> spp. (4 species)	Akar malam	AF, LDF, HDF, OSF	Climber	
<i>Connarus villosus</i> Jack	Akar malam	OSF	Climber	Rare
<i>Connarus</i> spp. (4 species)	Akar malam	LDF, HDF, OSF	Climber	
<i>Rourea mimosoides</i> (Vahl) Planch.	Akar malam	AF, OSF, LDF, HDF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Rourea minor</i> (Gaertn.) Leenh.	Akar malam	LDF, HDF	Climber	
<b>CUCURBITACEAE</b>				
<i>Trichosanthes tricuspidata-bracteata</i> complex W.J. de Wilde	Emperkak	MDF	Climber	
<b>CYATHEACEAE</b>				
<i>Cyathea</i> sp.	Paku-pakis	OSF, HDF, MF	Fern	
<b>CYPERACEAE</b>				
<i>Carex perakensis</i> Cl. <i>var. borneensis</i> (Cl.) Noot.		MF	Sedge	
<i>Cyperus</i> sp.		AF, RF	Sedge	Rare
<i>Mapania cuspidata</i> (Miq.) Uittien	Daun sangkor	LDF, HDF, OSF	Sedge	
<i>Mapania debilis</i> C.B. Cl.	Mieng	LDF	Sedge	
<i>Mapania diffusus</i> Valetton		RF	Sedge	
<i>Mapania monostachya</i> Uittien		MDF	Sedge	
<i>Mapania palustris</i> (Hassk. <i>ex</i> Steud.) Fernandez-Vill. <i>var. palustris</i>		MF	Sedge	
<i>Mapania tenuiscape</i> C.B. Cl.		MDF	Sedge	
<i>Mapania</i> sp.	Daun sangkor	AF, OSF, LDF	Sedge	
<i>Paramapania radians</i> (Cl.) Uittien		MDF	Sedge	
<i>Scleria purpurascens</i> Steud.		LDF	Sedge	
<b>DAVALLIACEAE</b>				
<i>Humata heterophylla</i> (Sm.) Desv.		MDF	Fern	
<i>Scyphularia</i> sp.		MDF	Fern	
<b>DENNSTAEDTIACEAE</b>				
<i>Lindsaea borneensis</i> Hook. <i>ex</i> Baker		MDF	Fern	
<i>Lindsaea doryphora</i> K. U. Kramer		MDF	Fern	
<i>Lindsaea lobata</i> Poir.		MDF	Fern	
<i>Lindsaea oblanceolata</i> Alderw.		MF	Fern	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Lindsaea parallelogramma</i> Alderw.		RF	Fern	
<i>Lindsaea repens</i> (Bory) Thwaites		SMF	Fern	
<i>Lindsaea scandens</i> Hook. f.		MDF	Fern	
<i>Lindsaea</i> sp.	Paku	SRF	Fern	
<b>DILLENACEAE</b>				
<i>Tetracera akara</i> (Burm. f.) Merr.	Akar mempelas	OSF	Climber	Rare
<i>Tetracera arborescens</i> Jack	Akar mempelas	OSF, LDF, HDF	Climber	
<i>Tetracera fagifolia</i> Bl.	Akar mempelas	SRF	Climber	Rare
<i>Tetracera fagifolia</i> Bl. var. <i>borneensis</i> (Miq.) Hoogl.	Akar mempelas	RF	Climber	
<i>Tetracera fagifolia</i> Bl. var. <i>fagifolia</i>	Akar mempelas	LDF	Climber	
<i>Tetracera korthalsii</i> Miq.	Akar mempelas	HDF	Climber	Rare
<i>Tetracera scandens</i> (L.) Merr.	Akar mempelas	AF, HDF, SRF	Climber	
<i>Tetracera</i> sp.	Akar mempelas	AF, LDF	Climber	
<b>DIOSCOREACEAE</b>				
<i>Dioscorea havilandii</i> Prain & Burkill		MF	Climber	
<i>Dioscorea</i> sp.		MF	Climber	
<b>DIPTERIDACEAE</b>				
<i>Dipteris conjugata</i> Reinw.	Paku	MF	Fern	
<i>Dipteris lobbiana</i> (Hook.) T. Moore	Paku	RF	Fern	
<i>Dipteris quinquefureata</i> (Bak.) H. Christ.	Paku	MF	Fern	
<i>Dipteris</i> sp.	Paku	OSF, HDF	Fern	
<b>DRYOPTERIDACEAE</b>				
<i>Polystichopsis aristata</i> (Forst.) Holtum		SRF	Fern	
<i>Tectaria lobbii</i> (Hook.) Copel.	Paku	RF	Fern	
<i>Tectaria pleiosora</i> (V. A. V. R.) Chr.	Paku	AF	Fern	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>ERICACEAE</b>				
<i>Costera endertii</i> J.J. Sm.		MDF	Epiphyte	
<i>Rhododendron javanicum</i> (Bl.) Bennett		RF	Epiphyte	
<b>GESNERIACEAE</b>				
<i>Aeschynanthus albidus</i> (Bl.) Steud.	Akar	RF	Climber	
<i>Aeschynanthus gibbsiae</i> S. Moore	Akar	RF	Climber	
<i>Aeschynanthus parvifolius</i> R. Br.	Akar tangkung kenalang	AF, RF	Climber	
<i>Aeschynanthus trichocalyx</i> Kraenzl.	Akar	MDF	Climber	
<i>Aeschynanthus vinaceus</i> P. Woods	Akar	LDF	Climber	
<i>Aeschynanthus</i> spp.	Akar	AF	Climber	Rare
<i>Agalmyla</i> sp.	Akar	RF	Climber	
<i>Cyrtandra antuana</i> B.L. Burt	Melebab	OSF	Herb	
<i>Cyrtandra athrocarpa</i> B.L. Burt	Melebab	RF	Herb	
<i>Cyrtandra axillaris</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Cyrtandra bracheia</i> B.L. Burt	Melebab	OSF	Herb	
<i>Cyrtandra bullatifolia</i> B.L. Burt	Melebab	OSF	Herb	
<i>Cyrtandra cuprea</i> B.L. Burt	Melebab	MDF	Herb	
<i>Cyrtandra hoseana</i> B.L. Burt	Melebab	OSF	Herb	Rare
<i>Cyrtandra lacerata</i> B.L. Burt	Melebab	MDF	Herb	
<i>Cyrtandra latens</i> C.B. Cl.	Melebab	RF	Herb	
<i>Cyrtandra miminuta</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Cyrtandra mirabilis</i> C.B. Cl.	Melebab	RF	Herb	
<i>Cyrtandra papyracea</i> B.L. Burt	Melebab hitam	RF	Herb	
<i>Cyrtandra penduliflora</i> Kraenzl.	Melebab tangkai bunga panjang	MDF	Herb	
<i>Cyrtandra radicyflora</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Cyrtandra russa</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Cyrtandra sarawakensis</i> C.B. Cl.	Melebab	OSF	Herb	
<i>Cyrtandra subgrandis</i> B.L. Burt	Melebab	AF	Herb	
<i>Cyrtandra subsphaerocarpa</i> B.L. Burt	Melebab	MDF	Herb	
<i>Cyrtandra trisejala</i> C.B. Cl.	Melebab	RF	Herb	
<i>Cyrtandra vaginata</i> B.L. Burt	Melebab	RF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Cyrtandra vulpina</i> (Kraenzl.) B.L. Burt	Melebab	MDF	Herb	
<i>Cyrtandra</i> spp. (14 species)	Melebab	RF, MDF, OSF	Herb	
<i>Didymocarpus beccarii</i> C.B. Cl.	Melebab	OSF	Herb	
<i>Didymocarpus crinitus</i> Jack	Melebab	MDF	Herb	
<i>Didymocarpus gracilipes</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Didymocarpus murutorum</i> B.L. Burt	Melebab	OSF	Herb	
<i>Didymocarpus platypus</i> C.B. Cl.	Melebab	MDF	Herb	
<i>Didymocarpus scabrinervius</i> C.B. Cl.	Melebab	OSF	Herb	
<i>Didymocarpus</i> spp. (4 species)	Melebab	OSF	Herb	
<i>Loxocarpus longipetiolatus</i> B.L. Burt.	Melebab	SMF	Herb	
<i>Loxocarpus</i> sp.	Melebab	MDF, SMF	Herb	
<i>Monophyllaea glauca</i> C.B. Cl. <i>var. hirta</i> B.L. Burt		RF	Herb	
<i>Monophyllaea wildeana</i> B.L. Burt		Rheophytic	Herb	
<i>Paraboea</i> sp.		RF	Herb	
Unidentified (2 species)	Melebab	OSF, SRF	Herb	
<b>GLEICHENIACEAE</b>				
<i>Dicranopteris</i> sp.	Resam	OSF, SRF	Fern	Rare
<b>GNETACEAE</b>				
<i>Gnetum cuspidatum</i> Bl.	Akar dundun	OSF, MDF	Climber	
<i>Gnetum diminutum</i> Markgr.	Akar dundun	SMF	Climber	
<i>Gnetum gnemon</i> L.	Akar dundun	RF, HDF	Climber	
<i>Gnetum gnemon</i> L. <i>var.</i> <i>brunonianum</i> (Griff.) Markgr.	Akar dundun	RF	Climber	
<i>Gnetum klossii</i> Merr.	Akar dundun	OSF	Climber	
<i>Gnetum latifolium</i> Bl.	Akar dundun	MF	Climber	
<i>Gnetum leptostachyum</i> Bl.	Akar dundun	RF	Climber	
<i>Gnetum leptostachyum</i> Bl. <i>var.</i> <i>robustum</i> Markgr.	Akar dundun	RF	Climber	
<i>Gnetum</i> sp.	Akar dundun	HDF	Climber	Rare



Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>GRAMINEAE</b>				
<i>Dinochloa</i> sp.		MDF	Grass	
<i>Eriachne pallescens</i> R. Br.		RF	Grass	
<i>Pogonatherum crinitum</i> (Thunberg <i>ex</i> Murray) Trinius <i>ex</i> Kunth		RF	Grass	
<i>Scrotochloa urceolata</i> (Roxburgh) Judziewicz		OSF	Grass	
<b>HANGUANACEAE</b>				
<i>Hanguana malayana</i> (Jack) Merr.	Bakong	RF, LDF, MDF	Herb	
<b>HYMENOPHYLLACEAE</b>				
<i>Cephalomanes javanicum</i> (Bl.) V. d. B.		AF, RF	Fern	
<i>Cephalomanes singaporeanum</i> V. d. B.		RF	Fern	
<i>Cephalomanes sumatranum</i> (V. A. V. R.) Copel		RF	Fern	
<i>Hymenophyllum productum</i> Kuntze		OSF	Fern	
<i>Macroglena meifolia</i> (J. Sm.) Copel.		SMF	Fern	
<i>Trichomonas bipunctatum</i> Poir.		SMF	Fern	
<i>Trichomonas javanicum</i> Bl.		RF	Fern	
<i>Trichomonas</i> sp.		SMF	Fern	
<b>HYPOXIDACEAE</b>				
<i>Curculigo latifolia</i> Dryand.	Lemba	HDF	Herb	Rare
<i>Curculigo orchioides</i> Gaertn.	Lemba/Tamar	AF	Herb	Rare
<i>Curculigo racemosa</i> Ridl.	Lemba	MF	Herb	
<i>Curculigo villosa</i> Wall.	Lemba babi	HDF	Herb	Rare
<b>ICACINACEAE</b>				
<i>Iodes velutina</i> King	Akar	HDF	Climber	Rare
<i>Miquelia caudata</i> King	Akar pisang musang	MDF	Climber	
<i>Phytocrene racemosa</i> Sleumer	Akar	HDF	Climber	Rare
Unidentified	Akar	OSF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>LEGUMINOSAE</b>				
<i>Bauhinia burbridgei</i> Stapf	Akar	MDF	Climber	
<i>Bauhinia endertii</i> K. & S.S. Larsen	Akar	AF	Climber	
<i>Bauhinia excelsa</i> (Bl. ex Miq.) Prain	Akar	OSF	Climber	
<i>Bauhinia kockiana</i> Korth.	Akar	OSF	Climber	Rare
<i>Bauhinia purpurea</i> L.	Akar	MDF	Climber	
<i>Bauhinia</i> sp.	Akar	SRF	Climber	Rare
<i>Crudia</i> sp.	Maguwau (Dus. Sabah)	OSF	Climber	
<i>Dalbergia havilandii</i> Prain	Akar	LDF	Climber	Rare
<i>Dalbergia pseudosissoo</i> Miq.	Akar	AF	Climber	Rare
<i>Derris elliptica</i> Benth.	Tuba	LDF	Climber	
<i>Derris</i> sp.	Akar tuba	AF, OSF, Hdf	Climber	
<i>Kunstleria calminata</i> Kornet	Akar	LDF	Climber	Rare
<i>Mucuna biplicata</i> Teysm. & Binn. ex Kurz	Akar beruru	RF	Climber	
<i>Phanera semibifida</i> Roxb.	Akar	AF	Climber	
<i>Spatholobus auricomus</i> n. sp.	Akar kemedu	OSF, LDF, SRF	Climber	
<i>Spatholobus ferrugineus</i> (Zoll. & Moritzi) Benth.	Akar kemedu	OSF, LDF, HDF, SRF, SMF	Climber	
<i>Spatholobus macropterus</i> (Miq.)	Akar kemedu	LDF	Climber	
<i>Spatholobus multiflorus</i> Ridder.	Akar kemedu	AF	Climber	Rare
<i>Spatholobus oblongifolius</i> Merr.	Akar kemedu	AF, OSF, LDF, HDF, SRF	Climber	
<i>Spatholobus strigillifera</i> Ridl.		MDF	Climber	
<i>Spatholobus</i> spp. (3 species)	Akar kemedu	OSF, SRF	Climber	
<i>Whitfordiodendron nienwenhuisii</i> (J.J. Sm.) Dunn	Akar belum	AF, RF, MDF	Climber	
Unidentified	Akar	HDF	Climber	Rare
<b>LILIACEAE</b>				
<i>Dianella ensata</i> (Thunb.) M.R. Hend.	Senkeyang manang	SMF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>LOGANIACEAE</b>				
<i>Strychnos minor</i> Dennst.	Akar kayas	OSF	Climber	Rare
<i>Strychnos ovata</i> Aik.	Akar kayas	HDF	Climber	Rare
<i>Strychnos</i> spp. (4 species)	Akar kayas	AF, LDF.	Climber	Rare
<b>LORANTHACEAE</b>				
<i>Amylotheca duthieana</i> (King) Danser	Kayu alah	HDF	Epiphyte	
<i>Dendrophoe falcata</i> Bl.	Kayu alah	MF	Epiphyte	
<i>Elytranthe albida</i> (Bl.) Bl.	Kayu alah	HDF, MDF	Epiphyte	
<i>Helixanthera cylindrica</i> (Jack) Danser	Kayu alah	MF	Epiphyte	
<i>Lepeostegeres filamentosus</i> Danser	Kayu alah	HDF, MDF	Epiphyte	
<i>Lepidaria kingii</i> (King) Danser	Kayu alah	MDF	Epiphyte	
<i>Loranthus centiflorus</i> Stapf	Kayu alah	SMF	Epiphyte	
<i>Macrosolen cochinchinensis</i> (Lour.) Tiegh.	Kayu alah	MF	Epiphyte	
<i>Macrosolen tubiflorus</i> (Ridl.) Danser	Kayu alah	SMF	Epiphyte	
<i>Macrosolen</i> sp. (2 species)	Kayu alah	RF, MDF	Epiphyte	
<i>Scurrula ferruginea</i> (Jack) Danser	Kayu alah	HDF	Epiphyte	
<i>Trithecanthera sparsa</i> Barlow	Kayu alah	MDF	Epiphyte	
<i>Viscum articulatum</i> Burm. f.		MF	Epiphyte	
<b>LYCOPODIACEAE</b>				
<i>Huperzia nummularifolia</i> (Bl.) T. C. Chambers		AF, RF	Fern	
<i>Huperzia phlegmaria</i> (L.) Rothm.		MDF	Fern	
<i>Lycopodiella cernua</i> (L.) Pic. Serm. (= <i>Lycopodium cernuum</i> L.)	Selap padi	SRF	Fern	Rare
<i>Lycopodium</i> spp. (4 species)		OSF	Fern	
<b>MALVACEAE</b>				
<i>Sida rhombifolia</i> L.		On waste land	Herb	
<b>MARANTACEAE</b>				
<i>Calathea</i> sp.		LDF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Donax cannaeformis</i> (G. Forst.) K. Schum.	Bemban	MDF	Herb	
<i>Phacelophrynium maximum</i> (Bl.) K. Schum.		RF	Herb	
<i>Phrynium placentarium</i> (Lour.) Merr.	Ririk/Doni jerinang/ Kedayan	OSF	Herb	Rare
<i>Phrynium hirtum</i> Ridl.		MDF	Herb	
<i>Phrynium</i> sp.	Ririk	LDF, HDF	Herb	
Unidentified		AF, HDF	Herb	Rare
<b>MATONIACEAE</b>				
<i>Matonia foxworthyi</i> Copel.		AF, RF	Fern	
<b>MELASTOMATACEAE</b>				
<i>Anerinclaistus acuminatissimus</i> (Ridl.) Nay.	Kemunting umang	SRF	Herb	
<i>Anerinclaistus bracteatus</i> C. Hansen	Kemunting	HDF	Herb	
<i>Anerinclaistus dajakorum</i> (Schwartz) C. Hansen	Kemunting	RF, MDF	Herb	
<i>Anerinclaistus grandiflorus</i> Ridl.	Uduk-uduk kedayan	RF	Herb	
<i>Anerinclaistus hirsutus</i> Korth.	Kemunting umang	AF	Herb	
<i>Anerinclaistus macrophyllus</i> Bakh. f.	Kemunting	RF	Herb	
<i>Anerinclaistus phyllagathoides</i> (Stapf) J.F. Maxwell	Kemunting umang	RF	Herb	
<i>Anerinclaistus quintuplinervis</i> (Cogn.) J.F. Maxwell	Kemunting umang	SMF	Herb	
<i>Anerinclaistus setulosus</i> Schwartz	Kemunting	MDF	Herb	
<i>Anerinclaistus setulosus</i> Schwartz <i>var. setulosus</i>	Kemunting	LDF	Herb	
<i>Anerinclaistus setulosus</i> Schwartz <i>var. pallidifolius</i>	Kemunting	RF	Herb	
<i>Anerinclaistus</i> sp.	Kemunting	AF, MF	Herb	Rare
<i>Catanthera quintuplinervis</i> (Cogn.) M.P. Nayar		MF	Climber	
<i>Creochiton monticola</i> (Ridl.) Veldk.		MF, SMF	Climber	
<i>Cynandrium guttatum</i> Stapf		MDF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Cynandrium</i> spp. (2 species)		RF	Herb	
<i>Dissochaeta hirsuta</i> Hook. f.		RF	Climber	
<i>Dissochaeta hirsutoides</i> Furtado	Kemunting umayang	LDF	Climber	
<i>Dissochaeta macrophylla</i> Clausing	Kemunting umang	MF	Climber	
<i>Dissochaeta rostrata</i> Korth. var. <i>densiflora</i> (Ridl.) J.F. Maxwell		RF	Climber	
<i>Dissochaeta stellata</i> Claus.		RF	Climber	
<i>Dissochaeta stipularis</i> (Bl.) Baker ex Bakh. f.		MDF	Climber	
<i>Dissochaeta viminalis</i> (Jack) Clausing	Akar kemunting	MF	Climber	
<i>Dissochaeta</i> spp. (2 species)		RF	Climber	
<i>Medinilla allantocalyx</i> Reg.		MF	Epiphyte	
<i>Medinilla alternifolia</i> Bl.	Akar kemunting	RF, MDF	Epiphyte	
<i>Medinilla capillipes</i> Reg.		AF, RF	Epiphyte	
<i>Medinilla corallina</i> Cogn.		RF	Epiphyte	
<i>Medinilla crassifolia</i> (Bl.) Bl.	Riang bajit	AF, OSF	Climber	Rare
<i>Medinilla latericia</i> Reg.		MDF	Epiphyte	
<i>Medinilla subauriculata</i> Reg.		MF	Epiphyte	
<i>Medinilla</i> spp. (5 species)		MDF	Epiphyte	
<i>Ochthocharis borneensis</i> Bl.		MDF	Herb	
<i>Pachycentria pulverulenta</i> (Bl.) Clausing		MF	Epiphyte	
<i>Scorpiothyrus</i> spp. (2 species)		SMF	Herb	
<i>Sonerila beccariana</i> Cogn.		RF	Herb	
<i>Sonerila heterophylla</i> Jack		MF, MDF, LDF	Herb	
<i>Sonerila nana</i> Ridl.		MF	Herb	
<i>Sonerila nervulosa</i> Ridl.		MDF	Herb	
<i>Sonerila rudis</i> Stapf & King		OSF	Herb	
Unidentified (2 species)		AF, OSF, HDF	Herb	
<b>MENISPERMACEAE</b>				
<i>Arcangelisia flava</i> (L.) Merr.	Akar badi/Akar kuning	AF, OSF, LDF, HDF	Climber	
<i>Coscinium fenestratum</i> (Gaertn.) Colebr.	Akar badi	MDF	Climber	
<i>Fibraurea tinctoria</i> Lour.	Akar badi	AF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Parabaena megalocarpa</i> Merr.	Akar badi	RF	Climber	
<i>Tinomiscium havilandii</i> Diels	Akar badi	RF	Climber	
<i>Tinomiscium</i> sp.	Akar badi	HDF	Climber	Rare
<i>Tinospora</i> sp.	Akar mersawa	MDF	Climber	
<b>MORACEAE</b>				
<i>Ficus consociata</i> Bl.	Kara	RF	Epiphyte	
<i>Ficus deltoidea</i> Jack	Kara	AF	Epiphyte	
<i>Ficus deltoidea</i> Jack <i>var.</i> <i>arenaria</i> Corner	Kara	SMF	Epiphyte	
<i>Ficus deltoidea</i> Jack <i>var.</i> <i>borneensis</i> Corner	Kara	SMF	Epiphyte	
<i>Ficus deltoidea</i> Jack <i>var.</i> <i>deltoidea</i>	Kara	AF, RF, SMF	Epiphyte	
<i>Ficus deltoidea</i> Jack <i>var.</i> <i>motleyana</i> Miq.	Kara	RF	Epiphyte	
<i>Ficus deltoidea</i> Jack <i>var.</i> <i>intermedia</i> Corner	Tangkai beritu	MF	Epiphyte	Rare
<i>Ficus globosa</i> Bl.	Tangkai beritu	RF	Epiphyte	
<i>Ficus grandiflora</i> Corner	Tangkai beritu	MDF	Epiphyte	
<i>Ficus hemsleyana</i> King	Tangkai beritu	RF	Strangling fig	
<i>Ficus pisocarpa</i> Bl.	Tangkai beritu	RF	Strangling fig	
<i>Ficus</i> spp. (2 species)	Akar enguyang	RF, MDF	Strangling fig	
<b>MYRSINACEAE</b>				
<i>Embelia coriacea</i> Wall. <i>ex</i> DC.		MDF	Climber	
<i>Embelia dasythyrsa</i> Miq.		MF	Climber	
<i>Embelia myriantha</i> Mez		RF	Climber	
<i>Labisia pumila</i> (Bl.) F.-Vill. <i>ex</i> Naves	Merjimah/Bakong utan	SRF, SMF, MDF, HDF	Herb	Rare
<i>Labisia pumila</i> (Bl.) F.-Vill. <i>var.</i> <i>lanceolata</i>		RF	Herb	
<i>Labisia</i> sp.		MDF	Herb	
<i>Maesa pahangiana</i> King & Gamble		MDF	Climber	
<b>NEPENTHACEAE</b>				
<i>Nepenthes ampullaria</i> Jack		MDF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Nepenthes gracilis</i> Korth.	Periuk nera	MF	Climber	
<i>Nepenthes maxima</i> Reinw. ex Nees		MF	Climber	
<i>Nepenthes tentaculata</i> Hook. f.		MF	Climber	
<i>Nepenthes veitchii</i> Hook. f.	Periuk nera	SMF	Climber	
<i>Nepenthes</i> spp. (3 species)	Periuk nera	MF	Climber	Rare
<b>NEPHROLEPIDACEAE</b>				
<i>Nephrolepis falcata</i> (Cav.) C. Christ.	Paku	MDF	Fern	
<i>Nephrolepis</i> spp. (2 species)	Paku	RF	Fern	
<b>OCHNACEAE</b>				
<i>Neckia serrata</i> Korth.	Chenanga lampong	MDF, MF	Herb	
<b>OLEACEAE</b>				
<i>Myxopyrum enerve</i> Steenis		MF	Climber	
<b>OLEANDRACEAE</b>				
<i>Oleandra pistillaris</i> (Sw.) Christ.		MDF	Fern	
<b>ORCHIDACEAE</b>				
<i>Agrostophyllum bicuspidatum</i> J.J. Sm.	Orkid	RF	Ground orchid	
<i>Agrostophyllum</i> spp. (2 species)	Orkid	RF	Ground orchid	
<i>Apostasia</i> sp.	Orkid	RF	Epiphyte	
<i>Appendicula anceps</i> Bl.	Orkid	LDF	Epiphyte	
<i>Appendicula</i> spp. (5 species)	Orkid	AF, RF, OSF	Epiphyte	
<i>Bromheadia</i> sp.	Orkid	MDF	Epiphyte	
<i>Bulbophyllum apodum</i> Hook. f.	Orkid	MF	Epiphyte	
<i>Bulbophyllum binnendijkii</i> J.J. Sm.	Orkid	RF	Epiphyte	
<i>Bulbophyllum disjunctum</i> Ames & C. Schweinf.	Orkid	SMF	Epiphyte	
<i>Bulbophyllum elongatum</i> (Bl.) Hassk.	Orkid	MF	Epiphyte	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Bulbophyllum lissoglossum</i> J. J. Verm.	Orkid	MF	Epiphyte	
<i>Bulbophyllum uniflorum</i> (Bl.) Hassk.	Orkid	HDF	Epiphyte	
<i>Bulbophyllum</i> spp. (20 species)	Orkid	AF, RF, HDF, MDF, LDF	Epiphyte	
<i>Calanthe</i> sp.	Orkid	HDF	Ground orchid	
<i>Chelonistele amplissima</i> (Ames & C. Schewinf.) Carr	Orkid	HDF	Epiphyte	
<i>Chelonistele lurida</i> (L. Linden & Cogn.) Pfitzer	Orkid	HDF	Epiphyte	
<i>Claderia</i> sp.	Orkid	AF	Epiphyte	
<i>Coelogyne asperata</i> Lindl.	Orkid	AF	Epiphyte	
<i>Coelogyne carnea</i> Reichb. f.	Orkid	AF	Epiphyte	
<i>Coelogyne craticulaelabris</i> Carr	Orkid	MF	Epiphyte	
<i>Coelogyne echinolabium</i> de Vogel	Orkid	MDF	Epiphyte	
<i>Coelogyne meyeriana</i> Rchb. f.	Orkid	RF	Epiphyte	
<i>Corymborkis</i> sp.	Orkid	MDF	Epiphyte	
<i>Dendrobium</i> spp. (7 species)	Orkid	AF, RF	Epiphyte	
<i>Dendrochilum</i> spp. (3 species)	Orkid	AF, RF	Epiphyte	
<i>Dimorphorchis lowii</i> (Lindl.) Rolfe	Orkid	AF, MDF	Epiphyte	
<i>Epigenium geminatum</i> (Bl.) Summerh.	Orkid	MF	Epiphyte	
<i>Eria brooksii</i> Ridl.	Orkid	MDF	Epiphyte	
<i>Eria major</i> Ridl. ex Stapf	Orkid	MDF	Epiphyte	
<i>Eria multiflora</i> Lindl.	Orkid	MDF	Epiphyte	
<i>Eria robusta</i> (Bl.) Lindl.	Orkid	MDF	Epiphyte	
<i>Eria tenuiflora</i> Ridl.	Orkid	MDF	Epiphyte	
<i>Eria</i> spp. (5 species)	Orkid	MDF	Epiphyte	
<i>Gastrodia javanica</i> (Bl.) Lindl.	Orkid	MDF	Epiphyte	
<i>Goodyera</i> sp.	Orkid	AF	Epiphyte	
<i>Habenaria</i> spp. (2 species)	Orkid	RF	Epiphyte	
<i>Lecanorchis malaccensis</i> Ridl.	Orkid	MDF	Epiphyte	
<i>Liparis compressa</i> (Bl.) Lindl.	Orkid	SMF	Epiphyte	
<i>Liparis gibbosa</i> Finet	Orkid	SMF	Epiphyte	
<i>Liparis grandiflora</i> Ridl.	Orkid	MDF	Epiphyte	



Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Liparis lacerata</i> Ridl.	Orkid	OSF	Epiphyte	
<i>Liparis</i> spp. (5 species)	Orkid	LDF	Epiphyte	
<i>Neuwiedia veratrifolia</i> Bl.	Orkid	MDF	Epiphyte	
<i>Oberonia lunata</i> Lindl.	Orkid	MDF	Epiphyte	
<i>Oberonia</i> spp. (2 species)	Orkid	LDF	Epiphyte	
<i>Phalaenopsis</i> sp.	Orkid	MDF	Epiphyte	
<i>Pholidota</i> spp. (2 species)	Orkid	RF	Epiphyte	
<i>Plocoglottis acuminata</i> Bl.	Orkid	MDF	Epiphyte	
<i>Plocoglottis javanica</i> Bl.	Orkid	MDF	Epiphyte	
<i>Podochilus</i> spp. (2 species)	Orkid	OSF	Epiphyte	
<i>Robiquetia</i> sp.	Orkid	OSF	Epiphyte	
<i>Sarcochilus</i> spp. (2 species)	Orkid	OSF	Epiphyte	
<i>Tainia</i> sp.	Orkid	RF	Epiphyte	
<i>Taeniophyllum</i> sp.	Orkid	AF	Epiphyte	
<i>Thrixspermum</i> spp. (3 species)	Orkid	LDF	Epiphyte	
<i>Trichotosia ferox</i> Bl.	Orkid	MDF, MF	Epiphyte	
<i>Trichotosia</i> sp.	Orkid	LDF	Epiphyte	
Unidentified (2 species)	Orkid	LDF, MF	Epiphyte	
<b>OXALIDACEAE</b>				
<i>Dapania racemosa</i> Korth.		MDF	Climber	
<b>PALMAE</b>				
<i>Areca chaiana</i> J. Dransf.	Pinang	RF, MDF	Palm	
<i>Areca furcata</i> Becc.	Pinang	AF, LDF	Palm	
<i>Areca insignis</i> var. <i>moorei</i> (Dransf.) Dransf.	Pinang	MDF	Palm	
<i>Areca jugahpunya</i> J. Dransf.	Pinang	MDF	Palm	
<i>Areca minuta</i> Scheff.	Pinang	MDF	Palm	
<i>Areca triandra</i> Roxb.	Pinang	RF	Palm	
<i>Areca</i> spp. (3 species)	Pinang	OSF, LDF	Palm	Rare
<i>Arenga</i> sp.	Pinang	AF, LDF, MF	Palm	
<i>Calamus acanthochlamys</i> J. Dransf.	Wi tulang	SRF	Rattan	
<i>Calamus blumei</i> Becc.	Wi kijang	MDF	Rattan	
<i>Calamus conirostris</i> Becc.	Wi	MDF	Rattan	
<i>Calamus convallium</i> J. Dransf.	Wi sero	OSF	Rattan	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Calamus corrugatus</i> Becc.	Wi janggut	MDF	Rattan	
<i>Calamus divaricatus</i> Becc.	Wi patong	MF	Rattan	
<i>Calamus erioacanthus</i> Becc.	Wi buluh	LDF	Rattan	
<i>Calamus flabellatus</i> Becc.	Wi takong	LDF, SRF	Rattan	
<i>Calamus javensis</i> Bl.	Wi batu/Wi janggut	OSF, LDF, HDF	Rattan	
<i>Calamus laevigatus</i> var. <i>mucronatus</i> (Becc.) J. Dransf.	Wi sugi	RF	Rattan	
<i>Calamus leloui</i> J. Dransf.	Wi	OSF	Rattan	Rare
<i>Calamus lobbianus</i> Becc.	Wi tedong	OSF	Rattan	
<i>Calamus mattanensis</i> Becc.	Wi temawai	LDF, HDF	Palm	
<i>Calamus myriacanthus</i> Becc.	Wi pelankar	MDF, HDF	Rattan	
<i>Calamus ornatus</i> Bl.	Wi jelayan	LDF	Rattan	
<i>Calamus oxleyanus</i> Teysm. & Binn.	Wi	MDF	Rattan	
<i>Calamus paspаланthus</i> Becc.	Wi singkau	HDF	Rattan	
<i>Calamus pilosellus</i> Becc.	Wi	MDF	Rattan	
<i>Calamus pogonacanthus</i> Becc.	Wi tut	AF, OSF	Rattan	
<i>Calamus sabalensis</i> J. Dransf.	Wi	MDF	Rattan	
<i>Calamus tenompokensis</i> Furtado	Wi	MDF	Rattan	
<i>Calamus</i> spp. (5 species)	Wi	AF, OSF, LDF, HDF, SRF, MF	Rattan	
<i>Caryota mitis</i> Lour.	Mudor	AF, OSF	Palm	
<i>Caryota</i> sp.	Mudor	MDF	Palm	
<i>Ceratolobus discolor</i> Becc.	Wi kijang	LDF	Rattan	
<i>Daemonorops atra</i> J. Dransf.	Wi labu	HDF	Rattan	
<i>Daemonorops collarifera</i> Becc.	Wi	MDF	Rattan	
<i>Daemonorops cristata</i> Becc.	Wi empunuk	MF	Rattan	
<i>Daemonorops didymophylla</i> Becc.	Wi jernang	MDF	Rattan	
<i>Daemonorops fissa</i> Bl.	Wi	MDF	Rattan	
<i>Daemonorops formicaria</i> Becc.	Wi labu	MDF	Rattan	
<i>Daemonorops hystrix</i> var. <i>exulans</i> Becc.	Wi	MDF	Rattan	
<i>Daemonorops ingens</i> J. Dransf.	Wi kepler	MDF	Rattan	
<i>Daemonorops korthalsii</i> Bl.	Wi karut	RF	Rattan	
<i>Daemonorops longistipes</i> Burret	Wi duduk	HDF	Rattan	
<i>Daemonorops periacantha</i> Miq.	Wi empunuk	MDF	Rattan	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Daemonorops ruptilis</i> Becc.	Wi dudok	OSF, LDF, HDF	Rattan	
<i>Daemonorops sabut</i> Becc.	Wi lepo	AF	Rattan	Rare
<i>Daemonorops</i> sp.	Wi semut	AF, OSF, LDF, HDF, SRF	Rattan	
<i>Eugeissonia insignis</i> Becc.	Pantu	OSF	Palm	Rare
<i>Iguanura chaiana</i> Kiew	Pinang	RF	Palm	
<i>Iguanura elegans</i> Becc.	Pinang	MDF	Palm	
<i>Iguanura wallichiana</i> (Wall. ex Mart.) Hook. f.	Pinang	LDF	Palm	
<i>Iguanura</i> sp.	Pinang	SRF	Palm	Rare
<i>Korthalsia cheb</i> Becc.	Wi	HDF	Rattan	
<i>Korthalsia echinometra</i> Becc.	Wi wisro	Open waste land	Rattan	
<i>Korthalsia flagellaris</i> Miq.	Wi danan	SRF	Rattan	Rare
<i>Korthalsia hispida</i> Becc.	Wi asas	LDF	Rattan	
<i>Korthalsia rigida</i> Bl.	Wi dahan	OSF	Rattan	Rare
<i>Korthalsia rostrata</i> Bl.	Wi chit	MDF	Rattan	
<i>Korthalsia rostratioides</i> Mogeia	Wi	MDF	Rattan	
<i>Korthalsia</i> sp.	Wi	AF	Rattan	
<i>Licuala bififolia</i> Mogeia		RF	Fan palm	
<i>Licuala borneensis</i> Becc.	Pelat	RF, MDF	Fan palm	
<i>Licuala petiolulata</i> Becc.	Gerenis/Biruk	LDF, HDF, MDF	Fan palm	
<i>Licuala</i> spp. (4 species)	Plug/Biruk	OSF, LDF, HDF, SRF	Fan palm	
<i>Nenga</i> sp.	Pinang	MDF	Palm	
<i>Oncosperma horridum</i> Scheff.	Nibong	OSF	Palm	Rare
<i>Pinanga albescens</i> Becc. ex H. Winkl.	Pinang	RF	Palm	
<i>Pinanga angustisecta</i> Becc.	Pinang mureng	MF	Palm	
<i>Pinanga aristata</i> (Burret) J. Dransf.	Pinang pelandok	MDF	Palm	
<i>Pinanga bifidovariegata</i> Mogeia	Pinang	RF, SMF	Palm	
<i>Pinanga brevipes</i> Becc.	Pinang mureng	OSF	Palm	
<i>Pinanga lepidota</i> Rendle	Pinang mureng	MDF, SMF	Palm	
<i>Pinanga limosa</i> Ridl.	Pinang mureng	MDF, OSF	Palm	
<i>Pinanga mooreana</i> J. Dransf.	Pinang mureng	RF	Palm	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Pinanga patula</i> Bl.	Pinang mureng	RF, MDF	Palm	
<i>Pinanga patula</i> Bl. <i>var.</i> <i>borneensis</i> Becc.	Pinang	RF, MDF	Palm	
<i>Pinanga pilosa</i> (Burret) J. Dransf.	Pinang	RF	Palm	
<i>Pinanga ridleyana</i> Becc. <i>ex</i> Furtado	Pinang	MDF	Palm	
<i>Pinanga rivularis</i> Becc.	Pinang	SRF	Palm	Rare
<i>Pinanga salicifolia</i> Bl.	Pinang	MDF	Palm	
<i>Pinanga sessilifolia</i> Furtado	Pinang	RF, MDF	Palm	
<i>Pinanga tenella</i> (H. Wendl.) Scheff.	Pinang	RF	Palm	
<i>Pinanga tomentella</i> Becc.	Pinang	LDF	Palm	
<i>Pinanga trichoneura</i> Becc.	Pinang	MF	Palm	
<i>Pinanga variegata</i> Becc.	Pinang	HDF	Palm	
<i>Pinanga</i> spp. (3 species)	Pinang	AF, OSF, LDF, HDF, SRF, MF	Palm	
<i>Plectocomiopsis geminiflora</i> (Griff.) Becc. <i>ex</i> Hook. <i>f.</i>	Wi laleh	OSF, LDF, HDF	Rattan	
<i>Plectocomiopsis mira</i> J. Dransf.	Wi matar	HDF	Rattan	
<i>Plectocomiopsis triquestra</i> (Becc.) J. Dransf.	Wi	MDF	Rattan	
<i>Pogonotium divaricatum</i> J. Dransf.	Wi	MDF	Rattan	
<i>Salacca affinis</i> Griff. <i>var.</i> <i>borneensis</i> (Becc.) Moge		AF	Palm	
<i>Salacca dransfieldiana</i> Moge		MDF	Palm	
<i>Salacca vermicularis</i> Becc.		RF	Palm	
<i>Salacca</i> sp.	Ridan/Mayong/ Salak	AF	Palm	Rare
Unidentified	Buloh	AF, SRF	Bamboo	Rare
<b>PANDANACEAE</b>				
<i>Freycinetia angustifolia</i> Bl.	Pandan	OSF, SRF	Epiphyte	
<i>Freycinetia biloba</i> B.C. Stone	Pandan	OSF	Epiphyte	Rare
<i>Freycinetia</i> spp. (2 species)	Pandan	MDF	Epiphyte	
<i>Pandanus brevifolius</i> Mart.	Pandan	OSF, LDF	Pandan	Rare
<i>Pandanus brunigii</i> St. John	Akas/Engkari	RF	Pandan	
<i>Pandanus</i> sp.	Pandan	AF, OSF, MF	Pandan	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>PASSIFLORACEAE</b>				
<i>Adenia macrophylla</i> (Bl.) Koord. <i>var. macrophylla</i>		AF	Climber	
<b>PIPERACEAE</b>				
<i>Piper arborescens</i> Roxb.	Akar kechundai	MDF	Climber	
<i>Piper caninum</i> Bl.	Akar	MDF	Climber	
<i>Piper muricatum</i> Bl.	Akar lada hutan	SRF	Herb	Rare
<i>Piper velutibracteum</i> DC.	Jangau/Lada	MDF, MF	Climber	
<i>Piper vestitum</i> DC.	Lada hutan	MDF	Herb	
<i>Piper</i> spp. (6 species)	Akar	AF, LDF, MDF	Climber	Rare
<b>POLYPODIACEAE</b>				
<i>Belvisia callifolia</i> (H. Christ.) C. Christ.		MDF	Fern	
<i>Drynaria sparsisora</i> (Desv.) T. Moore		MDF	Fern	
<i>Drynaria</i> sp.		AF	Fern	
<i>Goniophlebium rajaense</i> (C. Christ.) Parris		RF	Fern	
<i>Microsorium</i> sp.		RF	Fern	
<i>Platyserium coronarium</i> (J. Koenig) Desv.	Rajang	MDF	Fern	
<i>Polypodium pappilosum</i> Bl.		RF	Fern	
<i>Pyrrosia longifolia</i> (Burm.) Morton		MDF	Fern	
<i>Pyrrosia</i> sp.		MF	Fern	
<i>Selliguea stenopteris</i> (Bak.) Parris		MF	Fern	
<i>Selliguea</i> sp.		RF	Fern	
<b>PTERIDACEAE</b>				
<i>Pteris furcans</i> Baker	Paku	RF	Fern	
<i>Pteris tripartita</i> Sw.	Paku	HDF	Fern	
<i>Pteris</i> sp.	Paku	HDF	Fern	Rare

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>RHAMNACEAE</b>				
<i>Zizyphus havilandii</i> Ridl.	Akar kuku menaul	OSF, LDF, HDF, SRF, SMF	Climber	
<i>Zizyphus</i> spp. (2 species)	Akar kuku menaul	AF, OSF, LDF	Climber	Rare
<b>ROSACEAE</b>				
<i>Rubus glomeratus</i> Bl.	Emperingat/ Langgamit	OSF	Climber	
<i>Rubus moluccanus</i> L. var. <i>obtusangulus</i> Miq.	Akar	LDF	Climber	
<i>Rubus</i> sp.	Akar	RF	Climber	
<b>RUBIACEAE</b>				
<i>Acranthera didymocarpus</i> (Ridl.) K.M. Wong		MDF	Woody herb	
<i>Acranthera frutescens</i> Val. ex Winkl.		OSF	Woody herb	
<b>Argostemma</b>				
<i>Acranthera multiflora</i> Valetton		MDF	Semi-Woody herb	
<i>Acranthera</i> spp. (2 species)		RF, MDF	Semi-Woody herb	
<i>Argostemma boragineum</i> Bl.		Rheophytic	Herb	
<i>Argostemma brachyantherum</i> Stapf		MDF	Herb	
<i>Argostemma bryophyllum</i> Schum.		SMF	Herb	
<i>Argostemma gracile</i> Stapf		RF	Herb	
<i>Argostemma hameliifolium</i> Wernham		MF	Herb	
<i>Argostemma havilandii</i> Ridl.		AF	Herb	
<i>Argostemma psychotrioides</i> Ridl.		MF	Herb	
<i>Argostemma</i> sp.		AF	Herb	
<i>Cephaelis psychotrioides</i> Valetton	Kopi hutan	LDF	Herb	
<i>Cephaelis stipulacea</i> Bl.		SMF, MDF	Herb	
<i>Cephaelis</i> sp.		AF, RF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Chasalia curviflora</i> Thwaites		HDF	Herb	
<i>Chasalia</i> spp. (2 species)		SRF	Herb	
<i>Lucinaea labuanensis</i> Ridl.	Akar penumpang	LDF	Epiphyte/ Climber	
<i>Lucinaea membranacea</i> King	Akar penumpang	RF, HDF	Epiphyte/ Climber	
<i>Lucinaea parvifolia</i> W.W. Sm.		MF	Climber	
<i>Lucinaea ridley</i> King		MF	Climber	
<i>Lucinaea</i> sp.		RF	Epiphyte/ Climber	
<i>Mussaenda frondosa</i> L.		MDF	Woody herb	
<i>Mussaenda</i> sp.		OSF	Woody herb	
<i>Myrioneuron cyaneum</i> Hallier. f.	Melabab	RF, MDF	Herb	
<i>Myrioneuron</i> sp.		AF	Herb	
<i>Ophiorrhiza communis</i> Ridl.		AF	Herb	
<i>Ophiorrhiza fibrilasu</i> Ridl.		AF	Herb	
<i>Ophiorrhiza jibrillosa</i> Ridl.		RF	Herb	
<i>Ophiorrhiza</i> sp.		RF	Herb	
<i>Stichianthus glabra</i> Valetton ex Winkl.		OSF	Herb	
<i>Uncaria cordata</i> (Lour.) Merr. ssp. <i>sundaica</i> Roxb.	Akar kelait	HDF	Climber	
<i>Uncaria gambir</i> Roxb.	Akar sedi	OSF	Climber	
<i>Uncaria</i> spp.	Akar kelait	AF, OSF, HDF, MDF, RF	Climber	
<i>Xanthophytum alopecurum</i> Axelius	Sabar bubu	OSF		
<i>Xanthophytum borneense</i> (Valetton) Axelius	Sabar bubu	OSF		
<i>Xanthophytum fruticosum</i> Reinw. ex Bl.	Sabar bubu	AF		
<i>Xanthophytum glabrum</i> Axelius	Sabar bubu	AF		
<i>Xanthophytum cf. olivaceum</i> Merr.	Sabar bubu	MDF		
<i>Xanthophytum cf. semiorbiculare</i> (Bakh. f.) Axelius	Sabar bubu	MDF		
Unidentified	Akar arak	HDF, SRF, SMF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<b>SABIACEAE</b>				
<i>Sabia limoniacea</i> Hook. f. & Thomson	Akar	RF	Climber	
<b>SCHISANDRACEAE</b>				
<i>Kadsura</i> sp.	Akar	RF	Climber	
<b>SCHIZAEACEAE</b>				
<i>Lygodium microphyllum</i> (Cav.) R. Br. (= <i>Lygodium scandens</i> (L.) Sw.)	Petagar langgituk/ Selap	OSF	Fern	
<b>SCROPHULARIACEAE</b>				
<i>Linaria bicolor</i> Burtt & Smith		RF	Herb	
<b>SELAGINELLACEAE</b>				
<i>Selaginella grandis</i> T. Moore	Paku	RF	Fern	
<i>Selaginella lobbii</i> Veitch	Paku	AF	Fern	
<i>Selaginella rugulosa</i> Ces.	Bunga siti fatimah (Ked.)	AF	Fern	
<i>Selaginella</i> spp. (8 species)	Paku merak (Mal.)	OSF, SRF, RF, SMF	Fern	
<b>SMILACACEAE</b>				
<i>Smilax hypoleuca</i> Benth.	Akar kemudang	MDF	Climber	
<i>Smilax laevis</i> Wall.	Akar kemudang	AF	Climber	
<i>Smilax leucophylla</i> Bl.	Akar kemudang	MDF	Climber	
<i>Smilax megacarpa</i> A. Bl.	Akar kemudang	RF, SRF, SMF, MF	Climber	
<i>Smilax odoratissima</i> Bl.	Akar/Petagar gajah/ Merudang	RF, MDF	Climber	
<i>Smilax</i> sp.	Akar	SMF	Climber	
<b>TACCACEAE</b>				
<i>Tacca borneensis</i> Ridl.		OSF	Herb	
<b>THELYPTERIDACEAE</b>				
<i>Coryphopteris</i> sp.		SMF	Fern	
<i>Cyclosorus holophyllus</i> (Bak.) Copel.		MDF	Fern	



Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Pneumatopteris truncata</i> (Poir.) Holttum		AF	Fern	
<i>Pronephrium rubicundum</i> (Alderw.) Holttum		RF	Fern	
<i>Sphaerostephanos larutensis</i> (Bedd.) C. Christ.		MDF	Fern	
<b>TRIURIDACEAE</b>				
Unidentified		MDF	Herb	
<b>URTICACEAE</b>				
<i>Elatostema integrifolia</i> (Don.) Wedd.		RF	Herb	
<i>Elatostema megaphyllum</i> H. Schröt.		RF	Herb	
<i>Elatostema variolaminosum</i> H. Schröt.		MDF	Herb	
<i>Elatostema variolaminosum</i> H. Schröt. <i>var. lanatum</i> H. Schröt.		MDF	Herb	
<i>Elatostema</i> spp. (7 species)		OSF, RF, SMF	Herb	
<i>Poikilospermum cordifolium</i> (Barg.-Petr.) Merr.	Entaban	MDF	Epiphyte	
<i>Poikilospermum scabrinervium</i> (Barg.-Petr.) Merr.	Entaban	AF	Epiphyte	
<i>Poikilospermum suaveolens</i> (Bl.) Merr.	Entaban	RF	Epiphyte	
<i>Poikilospermum</i> sp.	Entaban	AF	Epiphyte	Rare
<b>VERBENACEAE</b>				
<i>Sphenodesme involucrata</i> (Presl.) Robinson	Akar	MDF	Climber	
<i>Sphenodesme racemosa</i> (C. Presl.) Moldenke	Akar	OSF	Climber	
<b>VITACEAE</b>				
<i>Ampelocissus cinnamomea</i> (Wall.) Planch.	Akar	RF	Climber	
<i>Ampelocissus winkleri</i> Lauterb.	Akar engkaranak	OSF, HDF	Climber	Rare
<i>Cissus angustata</i> Ridl.	Akar engkaranak	HDF	Climber	
<i>Cissus repens</i> Lam.	Akar engkaranak	MDF	Climber	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Pterisanthes brevipedicellata</i> Latiff	Akar engkaranak	MF	Climber	
<i>Pterisanthes cissoides</i> Bl.	Akar engkaranak	MDF	Climber	
<i>Pterisanthes grandis</i> Ridl.	Akar engkaranak	HDF	Climber	
<i>Tetragymma pedunculare</i> (Wall.) Planch.	Akar ruram/ Ingkrangdoh	HDF	Climber	
Unidentified (4 species)	Akar engkaranak	OSF, SRF	Climber	Rare
<b>VITTARIACEAE</b>				
<i>Antrophyum callifolium</i> Bl.		AF	Fern	
<i>Vittaria angustissima</i> Holttum		SMF	Fern	
<i>Vittaria elongata</i> Sw.		MDF	Fern	
<i>Vittaria</i> sp.		MDF	Fern	
<b>ZINGIBERACEAE</b>				
<i>Alpinia glabra</i> Ridl.	Lelemas/Tepus	RF, SMF	Herb	
<i>Alpinia latilabris</i> Ridl.	Lelemas	MDF	Herb	
<i>Alpinia nienwenhuisii</i> Valetton		RF	Herb	
<i>Alpinia</i> spp. (3 species)		LDF, SMF, SRF, MF	Herb	
<i>Alpinia sumatrana</i> (Miq.) K. Schum.	Lelemas	MDF, LDF	Herb	
<i>Amomum anomalum</i> R.M. Sm.		RF	Herb	
<i>Amomum epiphyticum</i> R.M. Sm.	Lelemas	MDF, HDF, MF, SMF	Herb	
<i>Amomum hansenii</i> R.M. Sm.	Ketimbang lari	MDF	Herb	
<i>Amomum laxisquamosum</i> K. Schum.		MDF	Herb	
<i>Amomum</i> sp.	Ketimbang	MDF	Herb	
<i>Boesenbergia burttiana</i> R.M. Sm.		OSF	Herb	
<i>Boesenbergia</i> spp. (5 species)		AF, MDF, HDF	Herb	
<i>Burbridgea nitida</i> Hook. f.		AF	Herb	
<i>Burbridgea pauciflora</i> Valetton		RF	Herb	
<i>Burbridgea pubescens</i> Ridl.		MDF	Herb	
<i>Burbridgea</i> spp. (3 species)		SRF, RF	Herb	
<i>Burbridgea stenantha</i> Ridl.		AF	Herb	Rare
<i>Costus paradoxus</i> K. Schum.	Tepong bulu	LDF	Herb	
<i>Costus speciosus</i> (Koenig) Sm.		RF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
<i>Costus</i> sp.	Daun tawar-tawar (Kedayan)	AF, OSF	Herb	
<i>Elettaria multiflora</i> (Ridl.) R.M. Sm.	Ketimbang	HDF	Herb	
<i>Etlingera pyramidosphaera</i> (K. Schum.) R.M. Sm.		RF	Herb	
<i>Etlingera brevilabris</i> (Valeton) R.M. Sm.	Katimbang	MDF	Herb	
<i>Etlingera elatior</i> (Jack) R.M. Sm.	Kecala	MDF	Herb	
<i>Etlingera littoralis</i> Giseke	Senggang	OSF	Herb	
<i>Etlingera nasuta</i> (K. Schum.) R.M. Sm.		OSF	Herb	
<i>Etlingera</i> spp. (2 species)		AF, OSF	Herb	
<i>Geocharis rubra</i> Ridl.		MDF	Herb	
<i>Geostachys penangensis</i> Ridl.		SMF	Herb	
<i>Globba argentiana</i> R.M. Sm.		SMF	Herb	
<i>Globba atrosanguinea</i> Teysm. & Binn.	Tepus babi	Rheophytic	Herb	
<i>Globba leucantha</i> Miq.		SMF	Herb	
<i>Globba pendula</i> Roxb.		RF	Herb	
<i>Globba</i> spp. (22 species)		OSF, SRF	Herb	
<i>Globba tricolor</i> Ridl.	Lelemas	SMF	Herb	
<i>Haplochorema pauciflorum</i> R.M. Sm.		RF	Herb	
<i>Haplochorema</i> sp.	Bunga melebab	RF	Herb	
<i>Hedychium</i> sp.		SMF	Herb	
<i>Hornstedtia havilandii</i> K. Schum.		AF	Herb	
<i>Hornstedtia tomentosa</i> (Bl.) Bakh. f.	Tepus	MDF	Herb	
<i>Nicolaia</i> sp.		RF	Herb	
<i>Plagiostachys albiflora</i> Ridl.	Munong	MDF	Herb	
<i>Plagiostachys bracteolata</i> R.M. Sm.		MDF	Herb	
<i>Plagiostachys strobilifera</i> (Bak.) Ridl.		MDF, OSF, MF	Herb	
<i>Zingiber incomptum</i> B.L. Burtt & R.M. Sm.		MDF	Herb	
<i>Zingiber longipedunculatum</i> Ridl.		MDF	Herb	
<i>Zingiber pachysyphon</i> Burtt & Smith		MDF	Herb	
<i>Zingiber porphyrosphaera</i> K. Schum.	Jinjar	MDF	Herb	

Botanical Name	Vernacular Name	Habitat	Habit	Remark
Zingiber pseudopungens R.M. Sm.		RF	Herb	
Zingiber spp. (2 species)		LDF, HDF, SRF	Herb	
Unidentified		AF, OSF, LDF, HDF, SRF, MF	Herb	

## 2.3 A LIST OF IDENTIFIED FUNGUS SPECIES

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**Note:**

- An estimated 500 species are present. This list contains species identified to the generic level.
- Forest Type:  
RF – Riparian Forest, AF – Alluvial Forest (60m – 120 m), OSF – Old Secondary Forest (400m – 550m), LDF – Lowland Dipterocarp Forest (600m – 700m), HDF – Hill Dipterocarp Forest (800m – 900m), SMF – Submontane Forest (1,150m), MF – Montane Forest (1,250m)

Scientific Name	Habitat
<b>AMANITACEAE</b>	
<i>Amanita</i> spp.	LDF, HDF: On soil
<b>AURICULARIAEAE</b>	
<i>Auricularia auricula-judae</i> (Fr.) Quel.	SMF: On dead branch
<b>BOLBITIACEAE</b>	
<i>Agrocybe</i> sp.	LDF: On soil
<i>Conocybe</i> sp.	HDF: On soil
<b>BOLETACEAE</b>	
<i>Boletus</i> spp.	OSF, LDF, HDF: On soil, on humus, on living <i>Shorea</i> tree
<i>Suillus</i> sp.	HDF: On soil
<b>CANTHARELLACEAE</b>	
<i>Cantharellus</i> spp.	LDF, HDF, SMF: On soil
<i>Craterellus</i> sp.	LDF: On humus
<i>Pterygellus armeniacus</i> Corner	LDF: On soil
<i>Trogia</i> spp.	AF: On dead branch & wood
<b>CLAVARIACEAE</b>	
<i>Clavaria</i> spp.	SMF, AF, LDF: On soil
<i>Pterula</i> spp.	RF, LDF: On rotten branch, bark & soil
<i>Ramaria</i> spp.	AF, LDF, SMF: On humus & soil
<b>CLAVICIPITACEAE</b>	
<i>Cordyceps</i> spp.	RF, HDF: On humus & on leaf-eating caterpillar Nocteraidae (Moth)

Scientific Name	Habitat
<b>CORTICIACEAE</b> <i>Corticium</i> spp.	RF, AF: On dead & rotten twigs
<b>CORTINARIACEAE</b> <i>Cortinarius</i> spp. <i>Inocybe</i> spp.	LDF, HDF: On soil LDF: On soil
<b>CREPIDOTACEAE</b> <i>Crepidotus</i> spp.	AF, LDF, HDF: On twig, dead rotten leaves, rotten wood & dead branch
<b>DACRYMYTACEAE</b> <i>Calocera viscosa</i>	LDF: On dead branch
<b>ENTOLOMATACEAE</b> <i>Rhodophyllus</i> sp.	OSF: On soil
<b>GANODERMATACEAE</b> <i>Amauroderma</i> spp.  <i>Ganoderma neo-japonicum</i> Imaz <i>Ganoderma</i> spp.	AF: On soil AF, LDF, HDF, SMF: On soil & living <i>Vatica</i> (Resak) tree AF: On rotten wood AF, LDF: On dead wood & trunk, rotten tree, and living <i>Koompassia malaccensis</i> (Menggris) & <i>Dryobalanops</i> (Kapur) trees.
<b>GEASTRACEAE</b> <i>Geastrum</i> spp.	AF: On soil
<b>HYDNACEAE</b> <i>Hydnum repandum</i> Fr. <i>Hydnum</i> spp.	HDF: On soil LDF: On humus & soil
<b>HYGROPHORACEAE</b> <i>Hygrocybe</i> spp. <i>Hygrophorus</i> spp.	AF, LDF: On dead branch & on soil AF, LDF: On soil
<b>HYMENOCHAETACEAE</b> <i>?Phellinus</i> sp. <i>Coltricia cinnamomea</i> (Fr.) Murrill <i>Coltricia</i> sp. <i>Phellinus</i> sp.	LDF: On dead tree trunk LDF: On living roots LDF: On rotten wood LDF: On living tree (Myristicaceae)

Scientific Name	Habitat
<b>LENTINELLACEAE</b> <i>Lentinellus cochleatus</i> (Fr.) Karst <i>Lentinus</i> spp.	AF, LDF: On rotten trunk & dead branch RF: On soil
<b>LEPIOTACEAE</b> <i>Lepiota</i> spp.	AF, LDF: On soil
<b>LYCOPERDACEAE</b> <i>Bovista</i> spp. <i>Lycoperdon</i> spp.	RF, AF, HDF: On rotten wood & on humus AF, LDF: On rock & rotten seed
<b>MORCHELLACEAE</b> <i>Morchella</i> sp.	LDF: On soil
<b>PAXILLACEAE</b> <i>Paxillus</i> spp. <i>Phylloporus</i> sp.	AF, HDF: On soil LDF: On dead branch
<b>PEZIZACEAE</b> <i>Peziza</i> spp.	AF, LDF, MF: On soil & dead branch
<b>PHALLACEAE</b> <i>Dictyophora</i> sp.	LDF: On soil
<b>PLEUROTACEAE</b> <i>Pleurotus ostreatus</i> (Fr.) Quel.	AF: On dead wood
<b>PODOSCYPHACEAE</b> <i>Cotylidia</i> sp. <i>Cymatoderma</i> sp.	LDF: On soil AF: On rotten wood
<b>POLYPORACEAE</b> <i>Daedalea</i> sp. <i>Favolus brasillensis</i> (Fr.) Fr. <i>Favolus emericii</i> <i>Favolus</i> spp. <i>Fomes</i> spp.  <i>Hexagonia</i> spp. <i>Hirschioporus pargamensis</i> (Fr.) Bond. et Sing <i>Hirschioporus</i> spp. <i>Lenzites</i> sp. <i>Microporus</i> spp. <i>Minoporus</i> sp.	HDF: On dead twig AF: On dead stump AF: On dead branch AF: On rotten wood LDF: On living <i>Shorea leptoclados</i> tree (Meranti majau) RF, AF, LDF: On rotten stump & wood AF: On rotten wood  AF: On rotten wood LDF: On rotten wood AF, LDF: On rotten branch & wood HDF: On rotten log

Scientific Name	Habitat
<p><i>Polyporellus</i> sp.  <i>Polyporus (Grifola)</i> sp.  <i>Polyporus</i> spp.    <i>Poria</i> spp.  <i>Trametes</i> spp.</p>	<p>AF: On rotten branch  HDF: On roots  RF, LDF, HDF, MF: On rotten wood, twigs,  dead leaves &amp; living roots  RF, HDF: On rotten climber &amp; branch  AF, LDF: On rotten wood &amp; tree trunk</p>
<p><b>RHODOPHYLLACEAE</b>  <i>Rhodophyllus</i> sp.</p>	<p>LDF: On soil</p>
<p><b>RUSSULACEAE</b>  <i>Lactarius</i> spp.  <i>Russula cyanoxantha</i> (Secr.) Fr.  <i>Russula</i> spp.</p>	<p>RF, AF: On humus &amp; soil  HDF: On soil  RF, AF, OSF, LDF: On soil</p>
<p><b>SCLERODERMATACEAE</b>  <i>Scleroderma</i> spp.</p>	<p>LDF: On humus, soil &amp; roots of living tree</p>
<p><b>STEREACEAE</b>  <i>Stereum sanguinolentum</i> Fr.  <i>Stereum</i> spp.</p>	<p>HDF: On dead twig  LDF, HDF, MF: On dead branch, twig &amp;  rotten wood</p>
<p><b>THELEPHORACEAE</b>  <i>Hydnellum</i> sp.  <i>Thelephora</i> spp.</p>	<p>HDF: On rotten log  AF, OSF, LDF: On soil &amp; humus</p>
<p><b>TREMELLACEAE</b>  <i>Tremella mesenterica</i> Retz.  <i>Tremella</i> sp.</p>	<p>LDF: On living tree  RF: On rotten tree</p>
<p><b>TRICHOLOMATACEAE</b>  <i>Clitocybe</i> sp.  <i>Collybia</i> spp.    <i>Filoboletus</i> sp.  <i>Lyophyllum</i> spp.  <i>Marasmius</i> sp.  <i>Mycena</i> spp.    <i>Panellus</i> spp.  <i>Tricholoma</i> spp.  <i>Xerula radicata</i> (Relh.) Redhead  <i>Xerula</i> sp.</p>	<p>LDF: On soil  AF, LDF, HDF: On soil, humus &amp; dead  branch  AF: On dead twig  LDF, HDF: On soil  AF: On rotten branch  RF, AF, OSF, LDF, HDF: On rotten wood,  branch, dead twig, humus &amp; soil  RF, LDF: On rotten wood  OSF, LDF, HDF: On soil  LDF: On soil  LDF: On soil</p>



Scientific Name	Habitat
<b>XYLARIACEAE</b> <i>Xylaria polymorpha</i> (St. Amans) Grev. <i>Xylaria</i> spp.	LDF: On dead tree  LDF: On rotten wood, branch & dead tree

### **3.0 FAUNA**



### 3.1 A LIST OF MOTH SPECIES WITH NUMBER OF INDIVIDUALS PER SAMPLING NIGHT

Chey Vun Khen, Sarkawi Mohd. Umar and Paulus Meleng

**Note:**

- Forest Type:  
RF – Riparian Forest, AF – Alluvial Forest, OSF – Old Secondary Forest (80 years +), LDF – Lowland Dipterocarp Forest (300 - 410 m a.s.l.), HDF – Hill Dipterocarp Forest (700 m a.s.l.), MF – Montane Forest (1,000 m a.s.l.)
- \* : Indicates species endemic to Borneo

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<b>Order: Lepidoptera</b>					
<b>Family: Geometridae</b>					
<b>Subfamily: Ennominae</b>					
<i>Abaciscus paucisignata</i> Warren	1				
<i>Achrosis</i> sp. 1	1				
<i>Achrosis spurca</i> Swinhoe	5				
<i>Alcis periphracta</i> Prout				1	
<i>Amblychia hymenaria</i> Guenee			2		
<i>Amblychia sommereri</i> Holloway	2				
<i>Amraica solivagaria</i> Walker		1			
<i>Astygisa circularia</i> Swinhoe	2		9	1	
<i>Astygisa metaspila</i> Walker	3		11	2	
<i>Astigisa stueningi</i> Holloway			8		
<i>Astygisa vexillaria</i> Guenee	2	1	9		
<i>Auzeodes chalybeata</i> Walker		6	1	5	
<i>Biston inouei</i> Holloway*		1			
<i>Biston pustulata</i> Warren		1	1		
<i>Boarmacaria herbuloti</i> Holloway*		1			
<i>Borbacha altipardaria</i> Holloway	1				
<i>Borbacha punctipardaria</i> Holloway	1		3		
<i>Bracca georgiata</i> Guenee	1		1		
<i>Bracca maculosa</i> Walker	2	9	1	4	
<i>Bulonga schistacearia</i> Walker				1	
<i>Calletaera jotaria</i> Felder & Rogenhofer			1		
<i>Cassyma chrotadelpha</i> Sommerer & Stuning			1	2	
<i>Cassyma erythrodon</i> Sommerer & Stuning			2		
<i>Cassyma quadrinata</i> Guenee			2		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Cassyma sciticincta</i> Walker				1	
<i>Cassyma undifasciata</i> Butler*		1			
<i>Catoria sublavaria</i> Guenee			1		
<i>Celenna centraria</i> Snellen	5		2		
<i>Chorodna complicataria</i> Walker		1			
<i>Chorodna pseudobolima</i> Holloway*				3	
<i>Chorodna scurobolima</i> Holloway*				2	
<i>Cleora ?injectaria</i> Walker		1		1	
<i>Cleora cucullata</i> Fletcher	1			2	
<i>Cleora determinata</i> Walker	3	3		2	
<i>Cleora inoffensa</i> Swinhoe	15	2	6	2	
<i>Cleora onycha</i> Fletcher			1		
<i>Coremecis incuraria</i> Walker	1	2	15	1	
<i>Coremecis maculata</i> Warren		2	4	1	
<i>Corymica latimarginata</i> Swinhoe					
<i>Cusiala boarmoides acutijuxta</i> Holloway	1				
<i>Dalima delineata</i> Warren			2		
<i>Diplurodes</i> 14218			1		
<i>Diplurodes</i> 16406		1			
<i>Diplurodes decursaria</i> Walker				1	
<i>Diplurodes inundata</i> Prout			2		
<i>Diplurodes kerangatia</i> Holloway	1		10	1	
<i>Diplurodes petras</i> Meyrick			1		
<i>Diplurodes semicircularis</i> Holloway			1		
<i>Diplurodes submontana</i> Holloway*		1	2		
<i>Diplurodes sugillata</i> Prout	1				
<i>Diplurodes triangulata</i> Holloway	2	3	5	11	
<i>Ectropidia exprimata</i> Walker				1	
<i>Ectropidia fimbripedata</i> Warren			4	3	
<i>Ectropidia illepidaria</i> Walker				1	
<i>Ectropidia quasilepidaria</i> Holloway				1	12
<i>Ectropis longiscapia</i> Prout					
<i>Ennominae</i> sp. 1	1				
<i>Ennominae</i> sp. 2	1		1		
<i>Ennominae</i> sp. 3			5		
<i>Ennominae</i> sp. 5		1	3		
<i>Eucyclodes semialba</i> Walker		1			
<i>Fascellina castanea</i> Moore			1	1	
<i>Fascellina clausaria</i> Walker				3	
<i>Fascellina meligerys</i> Prout	1		5		
<i>Fascellina viridicosta</i> Holloway			1		
<i>Gasterocome ?fidoniaria</i> Snellen			1		
<i>Godonela avitusaria</i> Walker	6		2	1	
<i>Godonela bornusaria</i> Holloway*	1				

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Heteralex rectilineata</i> Guenee		1			
<i>Heterostegane warreni</i> Prout	1		2	1	
<i>Hypochrosis binexata</i> Walker	7	52	8	19	
<i>Hypochrosis cryptopyrrhata</i> Walker	5	1	5	4	
<i>Hypochrosis pyrrhophaeata</i> Walker	2	15	2	1	
<i>Hypochrosis sternaria</i> Guenee	1	5	7	1	
<i>Hypochrosis subrufa</i> Bastelberger		1			
<i>Hypochrosis waterstradti</i> Holloway*				1	
<i>Hypomecis costaria</i> Guenee	13	4	40	6	
<i>Hypomecis dentigerata</i> Warren				3	
<i>Hypomecis lioptilaria</i> Swinhoe	14	6	7	2	
<i>Hypomecis separata</i> Walker	2	1	7		
<i>Hypomecis sommereri</i> Sato	4		1		
<i>Hypomecis subdetractaria</i> Prout	16	11	57	17	
<i>Hypomecis tetragonata</i> Walker	3	1	8	1	
<i>Hyposidra apiouleuca</i> Prout				2	
<i>Hyposidra aquilaria</i> Walker		1			
<i>Hyposidra infixaria</i> Walker	1		4	4	
<i>Hyposidra picaria</i> Walker			1		
<i>Hyposidra talaca</i> Walker	3	7	5	3	
<i>Hypulia eleuthera</i> Holloway		1			
<i>Krananda semihyalina</i> Moore			1		
<i>Lassaba vinacea</i> Prout*					1
<i>Lomographa luciferata</i> Walker			9		
<i>Lomographa sectinota</i> Hampson			1	3	
<i>Luxiaria acutaria</i> Snellen	2		2	2	
<i>Luxiaria fictaria</i> Prout	1				
<i>Luxiaria hyalodela</i> Prout	1				
<i>Luxiaria phyllosaria</i> Walker			2		
<i>Luxiaria submonstrata</i> Walker	4			1	
<i>Luxiaria subrasata</i> Walker	1	1	2		1
<i>Macaria abydata</i> Guenee	3				
<i>Monocerotesa minuta</i> Warren			2		
<i>Monocerotesa proximesta</i> Holloway*			1		
<i>Monocerotesa / Prochasma</i> sp.			2		
<i>Myrioblephara geniculata</i> Prout*				2	
<i>Myrioblephara pallibasis</i> Holloway				1	
<i>Myrioblephara simplaria cucullata</i> Holloway				1	
<i>Nagadara juveninaria</i> Guenee			1		
<i>Necyopa flatipennata</i> Walker				1	
<i>Necyopa ioge</i> Prout*			1		
<i>Nigriplephara radula</i> Holloway			1	1	
<i>Nigriplephara semiparata</i> Walker				4	
<i>Omiza lycoraria</i> Guenee	3	12	15	5	1

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Ophthalmitis satoi</i> Holloway*	1				
<i>Ophthalmitis viridior</i> Holloway	1		2		
<i>Ourapteryx incaudata</i> Warren*					3
<i>Ourapteryx picticaudata</i> Walker		4		7	
<i>Parasyntegia fortilineata</i> Holloway			1	1	
<i>Parasyntegia sundastritaria</i> Holloway	6		2		
<i>Peratophyga beta</i> Holloway*		1	1	1	
<i>Peratophyga flavomaculata</i> Swinhoe	1				
<i>Peratophyga hypsicyma</i> Prout	1		1		
<i>Peratophyga hypsidesma</i> Holloway*			1		
<i>Peratophyga spilodesma</i> Prout			1		
<i>Peratophyga trigonata</i> Walker				1	
<i>Peratophyga venetia</i> Swinhoe	3		1		
<i>Peratophyga xanthyla</i> Hampson			1	1	
<i>Peratostega coctata</i> Warren				1	
<i>Petelia delostigma</i> Prout	1		2		
<i>Petelia medardaria</i> Herrich-Schaffer	1		4	1	
<i>Petelia paroobathra</i> Prout			9		
<i>Petelia tuhana</i> Holloway			1	1	
<i>Plutodes argenteilauta</i> Prout	2	3	2	1	
<i>Plutodes cyclaria</i> Guenee	10	4	9	22	
<i>Plutodes evaginata</i> Holloway*	5		1	3	
<i>Plutodes malaysiana</i> Holloway	1	1	2	3	
<i>Plutodes unidentata</i> Holloway		1			
<i>Probitia exclusa</i> Walker		1			
<i>Probitia imprimata</i> Walker		3	1		
<i>Prochasma dentilinea</i> Warren					1
<i>Pseudalcis catoriata</i> Warren*					
<i>Pseudocassyma sundagraphoides</i> Holloway*			1		
<i>Psilalcis conceptaria</i> Holloway*				1	
<i>Psilalcis subfasciata</i> Warren				2	
<i>Racotis boarmiaria</i> Guenee					1
<i>Racotis inconclusa</i> Walker		1	1	1	
<i>Racotis quadripunctata</i> Holloway*	1	1		1	
<i>Ruttellerona pallicostaria</i> Moore	6				
<i>Satoblephara hollowayi</i> Sato		1			
<i>Serratophyga sterrhoticha</i> Prout	2		5		
<i>Sundagrapha tenebrosa</i> Swinhoe	1				
<i>Synegia botydaria</i> Guenee			1		
<i>Synegia imitaria</i> Walker			1		
<i>Synegia obscura</i> Warren		1		1	
<i>Syngonorthus subpunctatus</i> Butler		1			
<i>Systema pauxilloides</i> Holloway			2		
<i>Tasta micaceata</i> Walker	45		15	1	

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Thoyowpongia nigrodiscus</i> Holloway			1	1	
<i>Xandrames latiferaria</i> Walker		1			
<i>Xerodes ypsaria</i> Guenee			2	2	
<i>Yashmakia bigrisea</i> Holloway				2	
<i>Yashmakia veneris</i> Warren	1		3		
<i>Zamarada</i> 10521			2		
<i>Zamarada</i> 15815			2		
<i>Zamarada baliata</i> Felder & Rogenhofer		2	3	1	
<i>Zamarada denticulata</i> Fletcher			7		
<i>Zamarada eogenaria</i> Snellen			7		
<i>Zamarada scriptifasciata</i> Walker*			5	2	
<i>Zamarada ucatoides</i> Holloway*			2		
<b>Subfamily: Geometrinae</b>					
<i>Agathia eromenoides</i> Holloway			1		
<i>Agathia laetata</i> Fabricius				1	
<i>Agathia largita</i> Holloway				1	
<i>Agathia quinaria</i> Moore	1		1	3	
<i>Argyrocosma strepens</i> Prout			1		
<i>Berta annulifera</i> Warren	3		2		
<i>Berta copiosa</i> Prout	1				
<i>Chloroglyphica xeromeris</i> Prout		1			
<i>Comibaena attenuata</i> Warren			1		
<i>Comibaena biplaga</i> Walker	1				
<i>Comostola cedilla</i> Prout				1	
<i>Comostolodes albicatena</i> Warren			1		
<i>Comostolodes dialitha</i> West	2		1		
<i>Dindica olivacea</i> Inoue		2			
<i>Doobia puncticostata</i> Prout			1		
<i>Epipristis nelearia</i> Guenee			1		
<i>Eucyclodes albisparsa</i> Walker	1			1	
<i>Eucyclodes gavissima</i> Walker	1				
<i>Eucyclodes textiloides</i> Holloway		1			
<i>Hemithea notospila</i> Prout	1		3		
<i>Herochroma flavibasalis</i> Warren				1	
Indet. sp. A			1		
<i>Jodis rectisecta</i> Herbulot			1		
<i>Maxates melancholica</i> Prout	1				
<i>Maxates muluensis</i> Holloway*	2		2		
<i>Maxates waterstradti</i> Prout*			1		
<i>Oenospila flavifusata</i> Walker	5				
<i>Oenospila microstrix</i> Holloway	1		1	1	
<i>Ornithospila bipunctata</i> Prout			3	1	
<i>Ornithospila submonstrans</i> Walker		2		1	



Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Ornithospila succincta</i> Prout			1		
<i>Ornithospila sundaensis</i> Holloway		1			
<i>Paramaxates spinivesica</i> Holloway*			1		
<i>Pelagodes tridens</i> Holloway*			3		
<i>Pingasa rubicunda</i> Warren	4	1	2	2	
<i>Pingasa ruginaria</i> Guenee	7	4	15		
<i>Pseudidiochlora temburong</i> Holloway*		1	2		
<i>Pseudocomostola cosmetocraspis</i> Prout			1		
<i>Spaniocentra megaspilaria</i> Guenee*	1				
<i>Tanaorhinus rafflesii</i> Moore	1	16	2	3	
<i>Tanaorhinus viridiluteata</i> Walker	2			1	
<i>Thalassodes opalinooides</i> Holloway*			2		
<i>Thalassodes sundissepta</i> Holloway	6				
<b>Subfamily: Sterrhinae</b>					
<i>Antitrygodes divisaria</i> Walker	2		2	2	
<i>Chrysocraspeda comptaria</i> Swinhoe		1			
<i>Chrysocraspeda croceomarginata</i> Warren			2		
<i>Chrysocraspeda dysmothauma</i> Prout			1		
<i>Chrysocraspeda lunulata</i> Swinhoe			2		
<i>Chrysocraspeda porphyrochlamys</i> Prout				1	
<i>Chrysocraspeda</i> sp.			1		
<i>Cyclophora imbuta</i> Warren			1		
<i>Idaea craspedota</i> Prout			2		
<i>Idaea</i> sp. A			1		
<i>Idaea vacillata</i> Walker			1		
<i>Ignobilia urnaria</i> Guenee			1		
<i>Metallaxis semiustus</i> Swinhoe				2	
<i>Organopoda ?acmaea</i> Prout			1		
<i>Scopula</i> 9012				1	
<i>Scopula adeptaria</i> Walker	1				
<i>Scopula asymmetrica</i> Holloway*	1				
<i>Scopula flavinsolata</i> Holloway*	1				
<i>Scopula phallarcuata</i> Holloway*			1		
<i>Scopula vacuata</i> Guenee*	19		3		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Symmacra solidaria</i> Guenee	6		3		
<i>Zyθος avellanea</i> Prout	1				
<i>Zyθος oblitterata</i> Warren	5				
<i>Zyθος strigata</i> Warren			5		
<i>Zyθος turbata</i> Walker	29	1	9	3	
<b>Subfamily: Larentiinae</b>					
<i>Acolutha pictaria</i> Moore	5		4		1
<i>Eois obliviosa</i> Holloway*	3				
<i>Eois phaneroscia</i> Prout	1				
<i>Eois plumbacea</i> Warren			1		
Larentiinae sp. 1			1		
<i>Pomasia gelastis</i> Meyrick		1		1	
<i>Pomasia lamunin</i> Holloway*			1	1	
<i>Pomasia reticulata</i> Hampson	1		1		
<i>Pseudopolynesia amplificata</i> Walker			1		
<b>Subfamily: Desmobathrinae</b>					
<i>Eumelea florinata</i> Guenee		1			
<i>Eumelea ludovicata</i> Guenee			1		
<i>Eumelea rosalia</i> Stoll			1		
<i>Noreia unilineata</i> Walker			1		
<i>Ozola turlini</i> Herbulot	1				
<b>Family: Drepanidae</b>					
<b>Subfamily: Drepaninae</b>					
<i>Albara reversaria</i> Walker	5	6	4	11	2
<i>Callidrepana argenteola</i> Moore		2	3	1	
<i>Callidrepana pulcherrima</i> Hampson		4	1	1	
<i>Canucha specularis</i> Moore		3	10	4	
Drepanidae sp. 2			6	1	
Drepanidae sp. 3			1		
Drepanidae sp. 4			1		
Drepanidae sp. 5		1		2	
Drepanidae sp. 6				1	
Drepanidae sp. 7				1	
Drepanidae sp. 8				1	
Drepanidae sp. 9					1
<i>Leucoblepsis excisa</i> Hampson	1				
<i>Leucoblepsis renifera</i> Warren				1	
<i>Macrauzata melanapex</i> Inoue		3		1	
<i>Nordstromia duplicata</i> Warren	1				
<i>Spectroreta hyalodisca</i> Hampson			9		
<i>Teldenia specca</i> Wilkinson	16		7		
<i>Tridrepana albonotata</i> Moore	1				

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Tridrepana fulvata</i> Snellen		2		1	
<b>Subfamily: Cyclidiinae</b>					
<i>Cyclidia javana</i> Aurivillius			1		
<b>Subfamily: Thyatirinae</b>					
<i>Camptopsestis malayana</i> Yoshimoto		2		2	
<b>Family: Uraniidae</b>					
<b>Subfamily: Uraniinae</b>					
<i>Lyssa menoetius</i> Hopffer	11	65	22		
<i>Urapteroides astheniata</i> Guenee		1			
<b>Subfamily: Microniinae</b>					
<i>Micronia</i> sp. 1			1		
<b>Subfamily: Epipleminae</b>					
<i>Dysaethria plicata</i> Snellen	1		5		
<i>Dysaethria quadricaudata</i> Walker			2		
<i>Epipleminae</i> sp. 3	1		2	1	
<i>Epipleminae</i> sp. 4			2		
<i>Epipleminae</i> sp. 5			1		
<i>Epipleminae</i> sp. 6			1		
<i>Epipleminae</i> sp. 7			5		
<i>Epipleminae</i> sp. 8			3		
<i>Epipleminae</i> sp. 9			1	1	
<i>Epipleminae</i> sp. 10			1		
<i>Epipleminae</i> sp. 11			1		
<i>Epipleminae</i> sp. 12			2		
<i>Epipleminae</i> sp. 13			1		
<i>Europlema instabilata</i> Walker	2				
<i>Phazaca erosoides</i> Walker	4		11		
<b>Family: Noctuidae</b>					
<b>Subfamily: Ophiderinae</b>					
? <i>Cyclodes omma</i> van der Hoeven	1				
<i>Amphigonina hepaticans</i> Guenee		1			
<i>Arcte</i> cf. <i>nigrescens</i> Butler		1			
<i>Arcte modesta</i> van der Hoeven		2			
<i>Batracharta lempkei</i> Kobes			1		
<i>Bocula microscala</i> Holloway	1				
<i>Claterna cydonia</i> Cramer		2			
<i>Delgamma pangonia</i> Guenee		1			
<i>Episparis costistriga</i> Walker	1	3	4		
<i>Gespanna pectoralis</i> Walker			1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Goniophila excavata</i> Swinhoe		1	1		
<i>Hulodes caranea</i> Cramer	1				
<i>Iontha umbrina</i> Doubleday		1			
<i>Ischyja inferna</i> Swinhoe	6	7	4	1	
<i>Masca abactalis</i> Walker		1		1	
<i>Mecodina leucosticta</i> Hampson	1				
<i>Mecodina praecipua</i> Walker	1				
<i>Mecodina sumatrana</i> Kobes	1	1			
<i>Oglasa closteroides</i> Walker	1				
<i>Ommatophora luminosa</i> Cramer		1			
<i>Ophiderinae</i> sp. 1	1				
<i>Ophiderinae</i> sp. 2	1				
<i>Ophiderinae</i> sp. 3	2				
<i>Ophiderinae</i> sp. 4	1				
<i>Ophiderinae</i> sp. 5	2				
<i>Ophiderinae</i> sp. 6	2				
<i>Ophiderinae</i> sp. 7	1				
<i>Ophiderinae</i> sp. 9	1				
<i>Ophiderinae</i> sp. 12	1	1			
<i>Ophiderinae</i> sp. 13	1				
<i>Ophiderinae</i> sp. 15	1				
<i>Ophiderinae</i> sp. 17	1		1		
<i>Ophiderinae</i> sp. 18	1				
<i>Ophiderinae</i> sp. 19	6				
<i>Ophiderinae</i> sp. 20	1				
<i>Ophiderinae</i> sp. 22	1				
<i>Ophiderinae</i> sp. 24	1				
<i>Ophiderinae</i> sp. 25	1				
<i>Ophiderinae</i> sp. 26	1				
<i>Ophiderinae</i> sp. 27	1				
<i>Ophiderinae</i> sp. 30	1	1			
<i>Ophiderinae</i> sp. 33			1		
<i>Ophiderinae</i> sp. 34			1		
<i>Ophiderinae</i> sp. 35			3		
<i>Ophiderinae</i> sp. 36			1		
<i>Ophiderinae</i> sp. 37			1		
<i>Ophiderinae</i> sp. 38			1		
<i>Ophiderinae</i> sp. 39			2		
<i>Ophiderinae</i> sp. 40			1		
<i>Ophiderinae</i> sp. 41			3		
<i>Ophiderinae</i> sp. 42			2		
<i>Ophiderinae</i> sp. 43		1	13		
<i>Ophiderinae</i> sp. 44			1		
<i>Ophiderinae</i> sp. 45			1		
<i>Ophiderinae</i> sp. 46		1	1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Ophiderinae</i> sp. 47			2	1	
<i>Ophiderinae</i> sp. 48			1		
<i>Ophiderinae</i> sp. 49			1		
<i>Ophiderinae</i> sp. 50			1	1	
<i>Ophiderinae</i> sp. 51			1		
<i>Ophiderinae</i> sp. 52			1		
<i>Ophiderinae</i> sp. 53			2		
<i>Ophiderinae</i> sp. 54			3		
<i>Ophiderinae</i> sp. 55			1		
<i>Ophiderinae</i> sp. 56			1		
<i>Ophiderinae</i> sp. 57			1		
<i>Ophiderinae</i> sp. 58			1	1	
<i>Ophiderinae</i> sp. 59			1		
<i>Ophiderinae</i> sp. 60			2		
<i>Ophiderinae</i> sp. 61			1		
<i>Ophiderinae</i> sp. 62			1		
<i>Ophiderinae</i> sp. 63		1	1		
<i>Ophiderinae</i> sp. 64			1		
<i>Ophiderinae</i> sp. 65			1		
<i>Ophiderinae</i> sp. 66			1		
<i>Ophiderinae</i> sp. 67		1			
<i>Ophiderinae</i> sp. 68		1			
<i>Ophiderinae</i> sp. 69		2			
<i>Ophiderinae</i> sp. 70		1			
<i>Ophiderinae</i> sp. 71		3		1	
<i>Ophiderinae</i> sp. 72		1		1	
<i>Ophiderinae</i> sp. 73		1			
<i>Ophiderinae</i> sp. 74		1			
<i>Ophiderinae</i> sp. 75		1			
<i>Ophiderinae</i> sp. 76		1			
<i>Ophiderinae</i> sp. 77		1			
<i>Ophiderinae</i> sp. 78		1			
<i>Ophiderinae</i> sp. 79		1			
<i>Ophiderinae</i> sp. 80		1			
<i>Ophiderinae</i> sp. 81				1	
<i>Ophiderinae</i> sp. 82				1	
<i>Ophiderinae</i> sp. 83				1	
<i>Ophiderinae</i> sp. 84				1	
<i>Ophiderinae</i> sp. 85				2	
<i>Ophiderinae</i> sp. 86				1	
<i>Ophiderinae</i> sp. 87				1	
<i>Ophiderinae</i> sp. 88				1	
<i>Ophiderinae</i> sp. 89				1	
<i>Ophiderinae</i> sp. 90				1	
<i>Ossonoba torpida</i> Walker			1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Othreis fullonia</i> Clerk		5			
<i>Othreis homaena</i> Hubner		1			
<i>Othreis smaragdipicta</i> Walker		1			
<i>Oxyodes billeti</i> de Joannis	1				
<i>Oxyodes scrobiculata</i> Fabricius			1		
<i>Platyja umminea</i> Stoll		7			
<i>Rema costimacula</i> Guenee	1				
<i>Rhytia discrepans</i> Walker	1				
<i>Sarobides inconclusa</i> Walker	1	1			
<i>Sympis rufibasis</i> Guenee	2			1	
<i>Tamba cosmoloma</i> Prout	2		2	1	
<i>Tamba dichroma</i> Prout	1				
<i>Tamba lala</i> Swinhoe	1		1		
<i>Tamba mniomera</i> Hampson	4	1	3		
<i>Ugia albertii</i> Kobes		1			
<i>Ugia decisa</i> Walker	10	1	11	1	
<i>Ugia disjungens</i> Walker	1		4		
<i>Ugia</i> sp. 2	1				
<i>Ugia</i> sp. 3			9	1	
<i>Ugia</i> sp. 4		1			
<i>Ugia</i> sp. 5		1			
<i>Ugia</i> sp. 6		2			
<i>Zigera suvarnadivipae</i> Kobes		1			
<b>Subfamily: Catocalinae</b>					
<i>Anisoneura salebrosa</i> Guenee	1	1			
<i>Artena dotata</i> Fabricius		6		1	
<i>Artena inversa</i> Walker		1			
<i>Avatha pulcherrima</i> Butler		1			
<i>Daddala brevicauda</i> Wileman & South		1			
<i>Ercheia cyllaria</i> Cramer	1	3			
<i>Ercheia kebea</i> Bethune-Baker			1		
<i>Erebus ephesperis ephesperis</i> Hubner			1		
<i>Eudocima dividens</i> Walker	1				
<i>Hypopyra pudens</i> Walker		10	3		
<i>Hypopyra</i> sp. 1		1	1	1	
<i>Lygniodes endoleucus</i> Guerin-Meneville		1			
<i>Ophisma pallescens</i> Walker		2			
<i>Ophiusa coronata</i> Fabricius	2	1			
<i>Parallelia arcuata</i> Moore	1				
<i>Parallelia fulvotaenia</i> Guenee	1				
<i>Parallelia palumba</i> Guenee	4				
<i>Parallelia rigidistria</i> Guenee		1	1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Pericyma cruegeri</i> Butler		1			
<i>Phyllodes eyndhovii</i> Vollenhoven		1	1		
<i>Pindara illibata</i> Fabricius				1	
<i>Sypna albilinea</i> Walker			1		
<b>Subfamily: Amphipyrinae</b>					
<i>Ancara obliterans</i> Walker	8	2	1		
<i>Ancara replicans</i> Walker	4	8	5	2	
<i>Athetis reclusa</i> Walker	2				
<i>Callopietria emiliusalis</i> Walker	1				
<i>Callopietria rivularis</i> Walker	1				
<i>Corythurus nocturnus</i> Hampson	1		1		
<i>Dipterygina dorsipallens</i> Holloway*	1				
<i>Dipterygina major</i> Holloway*		1		1	
<i>Dyrzela incrassata</i> Walker			1		
<i>Dyrzela plagiata</i> Walker		1			
<i>Elusa ceneusalis</i> Walker				3	
<i>Eulepa fusimacula</i> Holloway*			2		
<i>Iambia lyricalis</i> Holloway	4				
<i>Iambia tessellata</i> Prout	1		3	2	
<i>Mythimna calorai</i> Holloway*			1		
<i>Mythimna simillima</i> Walker	2				
<i>Spodoptera pecten</i> Guenee	1				
<i>Xenotrachea albidisca</i> Moore					2
<i>Yepcalphis dilectissima</i> Walker		1			
<b>Subfamily: Acronictinae</b>					
<i>Acronicta rubiginosa</i> Walker		1			
<b>Subfamily: Agaristinae</b>					
<i>Sarbanissa transiens</i> Walker		1			
<b>Subfamily: Chloephorinae</b>					
? <i>Carea</i> sp.	5				
<i>Carea</i> sp. 3	5				
<i>Carea</i> sp. 4	9				
<i>Carea</i> sp. 8			1		
<i>Carea</i> sp. 9				1	
<i>Carea varipes</i> Walker	1				
<i>Chandica quadripennis</i> Moore		1			
<i>Chloephorinae</i> sp. 1	2		2		
<i>Chloephorinae</i> sp. 3	1				
<i>Chloephorinae</i> sp. 4			1		
<i>Chloephorinae</i> sp. 5			1		
<i>Chloephorinae</i> sp. 6		1			

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Chloephorinae</i> sp. 7				1	
<i>Chloephorinae</i> sp. 8				1	
<i>Chloropлага pallida</i> Warren		1		1	
<i>Didigua</i> sp. 1	1		2	1	
<i>Diehlea annae</i> Swinhoe	2		1		
<i>Diehlea ducalis</i> Bryk*					1
<i>Diehlea tumida</i> Hampson				1	
<i>Lasiolopha saturata</i> Walker	1				
<i>Negeta sublineata</i> Walker	1				
<i>Pseudelydna xanthia</i> Hampson			1		
<i>Xenochroa ?obvia</i> Hampson	1	1	3		
<i>Xenochroa balteata</i> Warren	1				
<i>Xenochroa biviata</i> Hampson	6		1		
<i>Xenochroa costiplaga</i> Swinhoe	3				
<i>Xenochroa metaphaea</i> Hampson	5		1		
<i>Xenochroa ochreoviridis</i> Holloway*					2
<i>Xenochroa pryeri</i> Druce	1				
<i>Xenochroa purpureolineata</i> Hampson					2
<b>Subfamily: Sarrothripinae</b>					
<i>Asinduma exscripta</i> Walker	6				
<i>Blenina lichenosa</i> Moore	2	1		4	
<i>Sarrothripinae</i> sp. 1	1				
<i>Sarrothripinae</i> sp. 2	1		1		
<i>Sarrothripinae</i> sp. 3			2		
<i>Sarrothripinae</i> sp. 5			1		
<i>Sarrothripinae</i> sp. 6			1		
<i>Sarrothripinae</i> sp. 7				1	
<i>Triorbis aureovitta</i> Hampson				1	
<b>Subfamily: Euteliinae</b>					
<i>Anuga insuffusa</i> Warren		1			
<i>Anuga rotunda</i> Holloway*		1			
<b>Subfamily: Stictopterinae</b>					
<i>Lophoptera punctapex</i> Holloway			1		
<i>Lophoptera purpuriridis</i> Holloway*				1	
<i>Lophoptera smaragdipanni</i> Holloway*				2	
<i>Lophoptera trilobuncus</i> Holloway	1			1	
<i>Odontodes seranensis</i> Prout		8		3	
<i>Stictoptera ?repleta</i> Walker		1			
<i>Stictoptera columba</i> Walker				1	
<i>Stictoptera cucullioides</i> Guenee	1	1		1	
<i>Stictoptera ferrifera</i> Walker		1			



Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Stictoptera semialba</i> Walker	1		1		
<i>Stictoptera signifera</i> Walker	3				5
<i>Stictoptera terribilis</i> Holloway*	1	1			
<i>Stictoptera trajiciens</i> Walker	1				
<b>Subfamily: Herminiinae</b>					
<i>Amilaga geometroides</i> Walker	1	1	1		
<i>Bertula carta</i> Swinhoe	1		2		
<i>Bertula crucialis</i> Felder	4	1	2		
<i>Bertula depressalis</i> Snellen	1		2		
<i>Bocana manifestalis</i> Walker	1		2	1	
<i>Bocana silenusalis</i> Walker	1		1		
<i>Echanella temperate</i> Prout	2	1	6	7	1
<i>Herminiinae</i> sp. 2	1				
<i>Herminiinae</i> sp. 10		1	2		
<i>Herminiinae</i> sp. 11			1		
<i>Herminiinae</i> sp. 12			1		
<i>Herminiinae</i> sp. 13			1		
<i>Herminiinae</i> sp. 14			1		
<i>Herminiinae</i> sp. 15			1		
<i>Herminiinae</i> sp. 16		1			
<i>Herminiinae</i> sp. 17				1	
<i>Herminiinae</i> sp. 18				2	
<i>Herminiinae</i> sp. 19				1	
<i>Herminiinae</i> sp. 20				1	
<i>Herminiinae</i> sp. 21				1	
<i>Herminiinae</i> sp. 22					1
<i>Herminiinae</i> sp. 23					1
<i>Herminiinae</i> sp. 24					1
<i>Hypena ?mandatalis</i> Walker	6		1		
<i>Simplicia ?macrotheca</i> Prout	9		1	5	1
<i>Simplicia circumscripta</i> Walker	2	1		1	
<i>Simplicia rufa occidentalis</i> Holloway	14	22	2	7	1
<i>Simplicia</i> sp. 3	2	1		2	
<i>Simplicia</i> sp. 4	1				
<b>Subfamily: Acontiinae</b>					
<i>?Palura niveicosta</i> Hampson		4			
<i>Acontiinae</i> sp. 1			2		
<i>Acontiinae</i> sp. 2			2		
<i>Acontiinae</i> sp. 3			1		
<i>Acontiinae</i> sp. 4			1		
<i>Acontiinae</i> sp. 5			1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Acontiinae</i> sp. 6		1			
<i>Acontiinae</i> sp. 7				1	
<i>Acontiinae</i> sp. 8				2	
<i>Acontiinae</i> sp. 9				1	
<i>Acontiinae</i> sp. 10				1	
<i>Acontiinae</i> sp. 11					1
<i>Flammona quadrifasciata</i> Walker	1				
<i>Stenoloba elegans</i> Prout					15
<b>Subfamily: Nolinae</b>					
<i>Nolinae</i> sp. 1	1				
<b>Subfamily: Aganainae</b>					
<i>Agape chloropyga</i> Walker	1	1		1	
<i>Asota egens</i> Walker	3	10		1	
<i>Asota heliconia</i> Linnaeus	5	5		1	
<i>Asota producta</i> Butler		6		1	
<b>Family: Arctiidae</b>					
<b>Subfamily: Syntominiinae</b>					
<i>Amata egenaria</i> Walker*		1		5	
<i>Syntominiinae</i> sp. 1			3		
<b>Subfamily: Arctiinae</b>					
<i>Cretonotos transiens</i> Walker	1				
<i>Lemyra ypsilon</i> Rothschild				1	
<i>Spilosoma hypogopa</i> Hampson		1			
<b>Subfamily: Lithosiinae</b>					
? <i>Damias</i> sp.				1	
<i>Asura asaphes</i> Hampson	40		34		
<i>Asura biseriata</i> Hampson	2		1	3	1
<i>Asura bizonoides</i> Walker	5		3		
<i>Asura</i> sp. 1	5		5		
<i>Asura</i> sp. 4	4				
<i>Asura</i> sp. 5	5		9		
<i>Asura</i> sp. 6	1				
<i>Asura</i> sp. 7	1		6		1
<i>Asura</i> sp. 9			3	1	
<i>Asura</i> sp. 10			2		
<i>Asura</i> sp. 11			1		
<i>Asura strigipennis</i> Herrich-Schaffer	1			4	
<i>Doliche indonesia</i> Roesler & Koppers	1				

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Doliche malayensis</i> Hampson	8	3	4	10	3
<i>Doliche perornata</i> Walker		13	2	2	
<i>Doliche ridleyi</i> Hampson	2		1	2	1
<i>Doliche rufistigma</i> Rothschild	3		1		
<i>Doliche selangorica</i> Hampson	1				
<i>Eilema griseadisca</i> Holloway	1				3
<i>Eilema tetragona</i> Walker	1				
<i>Eugoa bipunctata</i> Walker			1	1	
<i>Eugoa crassa</i> Walker	4		1		
<i>Eugoa similis</i> Rothschild	6		2		
<i>Eugoa</i> sp. 2	1				
<i>Eugoa</i> sp. 3	2		9		
<i>Eugoa</i> sp. 4	1		1		
<i>Eugoa</i> sp. 5			3		
<i>Eugoa</i> sp. 6		1			
<i>Garudinia acornuta</i> Holloway	2		6	8	
<i>Garudinia latana</i> Walker	1		6		
<i>Garudinia</i> sp. 2			3		1
<i>Lithosiinae</i> sp. 1	1				
<i>Lithosiinae</i> sp. 4	1				
<i>Lithosiinae</i> sp. 6	1				
<i>Lithosiinae</i> sp. 7	2		1		
<i>Lithosiinae</i> sp. 9	1				
<i>Lithosiinae</i> sp. 11	1		1		
<i>Lithosiinae</i> sp. 12	1				
<i>Lithosiinae</i> sp. 14			4	1	
<i>Lithosiinae</i> sp. 15			4	1	
<i>Lithosiinae</i> sp. 16			1		
<i>Lithosiinae</i> sp. 17			3		
<i>Lithosiinae</i> sp. 18			7	1	
<i>Lithosiinae</i> sp. 19			5		
<i>Lithosiinae</i> sp. 20			1	1	
<i>Lithosiinae</i> sp. 21			2		
<i>Lithosiinae</i> sp. 22			2		
<i>Lithosiinae</i> sp. 23			1		
<i>Lithosiinae</i> sp. 24			3		
<i>Lithosiinae</i> sp. 25			1		
<i>Lithosiinae</i> sp. 26			1		
<i>Lithosiinae</i> sp. 27			1		
<i>Lithosiinae</i> sp. 28				1	
<i>Lobobasis niveimaculata</i> Hampson	1				
<i>Meteuhoa obliquiata</i> Walker	2				
<i>Mitochrista ?flavodiscalis</i> Talbot	2	1	3		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Miltochrista cornicornutata</i> Holloway	4		1	2	2
<i>Miltochrista euprepioides</i> Moore	1				
<i>Miltochrista lineata</i> Walker	1	1			
<i>Miltochrista roseororatus</i> Butler	1			2	
<i>Miltochrista rubricostata</i> Herrich-Schaffer		1		2	
<i>Miltochrista</i> sp. nr. <i>inflexa</i> Moore	2		2	1	
<i>Padenia duplicana</i> Walker	4	1	4	1	
<i>Parasiccia marginipuncta</i> Talbot	1		4	1	
<i>Philenora lauta</i> Swinhoe	1		2		
<i>Teulisna nigricauda</i> Holloway			1		
<i>Tigrioides leucanioides</i> Walker		1		4	
<i>Trischalis</i> sp. 1	1		6		
<i>Trischalis subaurana</i> Walker	3				
<b>Family: Lymantriidae</b>					
<i>Arctornis ?peninsularis</i> Holloway		1	15		
<i>Arctornis marginalis</i> Walker	1			5	
<i>Arctornis micacea</i> Walker			1		
<i>Arctornis</i> sp. 2	2		6		
<i>Arctornis</i> sp. 3			1		
<i>Arctornis</i> sp. 4			2	3	
<i>Arctornis</i> sp. 5			6	2	
<i>Arctornis</i> sp. 6			1	1	
<i>Arctornis</i> sp. 7			1		
<i>Arctornis</i> sp. 8		1	8		
<i>Arctornis</i> sp. 9			1		
<i>Arna bipunctapex</i> Hampson			3		
<i>Arna perplexa</i> Swinhoe			2		
<i>Artaxa distracta</i> Walker	2		1		
<i>Artaxa ormea</i> Swinhoe			2		
<i>Dura</i> sp.			4		
<i>Euproctis ?celidota</i> Collenette	1				
<i>Euproctis ?xanthura</i> Swinhoe			1		
<i>Euproctis biflava</i> Holloway			1		
<i>Euproctis</i> sp. 1	1				
<i>Euproctis</i> sp. 2			1		
<i>Euproctis</i> sp. 3			1		
<i>Euproctis</i> sp. 4				1	
<i>Hema vaneeckeii</i> Collenette			1		
<i>Leucoma impressa</i> Snellen			1		
<i>Lymantria ?sublunata</i> Rothschild				1	

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Lymantria kinta</i> Collenette			1		
<i>Lymantria lepcha</i> Moore		1			
<i>Lymantria minima</i> van Eecke		3			
<i>Lymantria panthera</i> van Eecke			2		
<i>Lymantriidae</i> sp. 1			1		
<i>Lymantriidae</i> sp. 2			1		
<i>Lymantriidae</i> sp. 3			1		
<i>Lymantriidae</i> sp. 4			1		
<i>Micromorphe</i> sp. nr. <i>chalcostoma</i> Collenette	1		1		
<i>Nygmia ?coelebs</i> Collenette	1	1	4	1	
<i>Nygmia atereta</i> Collenette				1	
<i>Nygmia baueri</i> Schintlmeister			1		
<i>Nygmia fumosa</i> Snellen	3	1	5	1	
<i>Nygmia funeralis</i> Swinhoe		1	2		
<i>Nygmia guttulata</i> Snellen	1	1			
<i>Nygmia punctatofasciata</i> van Eecke			1		
<i>Nygmia venata</i> Collenette				1	
<i>Nygmia xanthomela</i> Walker			1	1	
<i>Olene inclusa</i> Walker	1				
<i>Orgyia postica</i> Walker			1		
<i>Orvasca eva</i> Schintlmeister			2		
<i>Perina sunda</i> Holloway		1	9		
<i>Psilochira lineata</i> Walker			1		
<i>Psilochira venusta</i> Collenette				1	
<i>Rhypotoses ?rita</i> Schintlmeister			1		
<i>Rhypotoses glebula</i> Swinhoe			1	1	
<i>Rhypotoses strigifimbria</i> Walker			1		
<i>Toxoproctis adriana</i> Schintlmeister				1	
<i>Toxoproctis cheela</i> Swinhoe				1	
<i>Toxoproctis flavolimbata</i> Aurivillius	2		2		
<i>Toxoproctis hemibathes</i> Swinhoe				1	
<b>Family: Notodontidae</b>					
<i>Benbowia virescens</i> Moore				1	
<i>Brykia horsfieldi</i> Moore		4			
<i>Brykia samarinda</i> Kiriakoff		2	1		
<i>Caschara punctifera</i> Walker	1	2	1		
<i>Clostera bramoides</i> Holloway*			1		
<i>Dudusa synopla</i> Swinhoe		1			
<i>Dudusa vetihi</i> Snellen		10		3	
<i>Gangarides rosea</i> Walker	4				
<i>Medanella subterminalis</i> Kiriakoff			1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Oxioa smaragdiplena</i> Walker			1		
<i>Phalera sundana</i> Holloway		1			
<i>Quadricalcarifera charistera</i> <i>fraseriana</i> Kiriakoff			1		
<i>Quadricalcarifera malayana</i> Nakamura				1	
<i>Sagamora indigofera</i> Holloway*	1				
<i>Sphetta bornea</i> Holloway*			2		
<i>Stauropplitis annulata</i> Gaede		1			
<i>Tarsolepis rufobrunnea</i> Rothschild		1			
<b>Family: Lasiocampidae</b>					
<i>Euthrix laeta</i> Walker	1				
<i>Gastropacha leopoldi</i> Tams	1	3			
<i>Kunugia basimacula</i> Walker*		2		1	
<i>Kunugia ferox</i> Holloway		1			
<i>Lajonquierea variabile</i> Holloway*	2				
<i>Lebeda cognata</i> Grunberg	2	6		5	
<i>Paralebeda lucifuga</i> Swinhoe			1		
<i>Paralebeda uniformis</i> Holloway	1				
<b>Family: Eupterotidae</b>					
<i>Ganisa similis</i> Moore				1	
<b>Family: Bombycidae</b>					
<i>Mustilia dierli</i> Holloway		2	5	3	
<i>Ocinara bifurcula</i> Dierl			1		
<b>Family: Saturniidae</b>					
<i>Actias maenas</i> Doubleday		1			
<i>Antheraea assamensis</i> Helfer	1				
<i>Antheraea diehli</i> Lemaire		1			
<i>Antheraea helferi</i> Moore		1			
<i>Antheraea rosieri</i> Toxopeus	1			1	
<i>Archaeoattacus staudingeri</i> Rothschild		2			
<i>Attacus atlas</i> Linnaeus		1			
<i>Cricula trifenestrata</i> Helfer				1	
<i>Samia tetrica</i> Rebel	1		3		
<b>Family: Sphingidae</b>					
<i>Acosmeryx shervillii</i> Boisduval	4				
<i>Ambulyx joiceyi</i> Clark		1			

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Ambulyx pryeri</i> Distant		5			
<i>Callambulyx rubricosa</i> Walker		1		1	
<i>Cechenena aegrota</i> Butler		16			
<i>Cechenena helops</i> Walker	1	3			
<i>Cechenena lineosa</i> Walker		2			
<i>Daphnis hypothous</i> Cramer		5			
<i>Daphnusa ocellaris</i> Walker	2	1			
<i>Enpinanga borneensis</i> Butler	1				
<i>Eupanacra dohertyi</i> Rothschild		1			
<i>Eupanacra psaltria</i> Jordan*		1			
<i>Eupanacra variolosa</i> Walker			1		
<i>Megacorma obliqua</i> Walker		2			
<i>Psilogramma menephron</i> Cramer		1			
<i>Theretra clotho</i> Drury		1			
<i>Theretra rhesus</i> Boisduval		1			
<b>Family: Zygaenidae</b>					
<i>Zygaenidae</i> sp. 1	1				
<i>Zygaenidae</i> sp. 2	1				
<b>Family: Limacodidae</b>					
<i>Allothosea lola</i> Swinhoe			1		
<i>Althonarosa dentijuxta</i> Holloway			3		
<i>Birhamula chara</i> Swinhoe			1		
<i>Birhamula rubicunda</i> Walker			1		
<i>Cania bandura</i> Moore		1	3	1	
<i>Cania guichardi</i> Holloway			2		
<i>Cania striola</i> Hering	1				
<i>Heringarosa cretacea</i> Holloway				1	
<i>Heringarosa trifurca</i> Holloway*			1		
<i>Hyphormides argentipunctata</i> Hering	1		3		
<i>Limacodidae</i> sp. 1	2				
<i>Narosa rosipuncta</i> Holloway			1		
<i>Parasa darma</i> Moore			2		
<i>Phocoderma velutina</i> Kollar		2	7		
<i>Saccurosa calcicola</i> Holloway*			1		
<i>Scopelodes albipalpalis</i> Hering*		5	7	2	
<i>Scopelodes pallivittata</i> Snellen	29	2	24	3	
<i>Setora cupreistriga</i> Walker	1	1			
<i>Setothosea asigna</i> van Eecke		1			
<i>Susica heringi</i> Holloway*			1	1	
<i>Thosea borneensis</i> Hering	1				
<i>Thosea griseafurca</i> Holloway*			1		

Scientific Name	Forest Type				
	RF, AF	OSF	LDF	HDF	MF
<i>Thosea trifurca</i> Holloway*				1	
<i>Thosea vetusina</i> Holloway				2	
<i>Thosea vetusta</i> Walker			1		
<b>Family: Cossidae</b>					
<i>Cossus javanus</i> Roepke		4		1	1
<i>Cossus kinabaluensis</i> Gaede		1			
<i>Cossus retak</i> Holloway*		2			
<i>Cossus verbeeki</i> Roepke	2		2		
<i>Xyleutes adusta</i> Roepke		2	1		
<i>Xyleutes ceramica</i> Walker		6			
<i>Xyleutes euphyes</i> West				1	
<i>Xyleutes quarlesi</i> Roepke*		1			
<i>Xyleutes strix</i> Linnaeus		1			
<i>Zeuzera borneana</i> Roepke*		2			
<b>Total Species (S)</b>	<b>555</b>		<b>709</b>		<b>31</b>
<b>Total individuals (N)</b>	<b>845</b>		<b>1162</b>		<b>71</b>
<b>Microlepidoptera</b>					
Pyalidae & others (N)	433	87	561	104	55



### 3.2 A LIST OF BUTTERFLIES, DRAGONFLIES/DAMSELFLIES, BEES, TERMITES, BEETLES, CICADAS AND OTHER INSECTS

Chey Vun Khen, Sarkawi Mohd. Umar and Paulus Meleng

**Note:**

- Forest Type:  
AF – Alluvial Forest, LDF – Lowland Dipterocarp Forest,  
HDF – Hill Dipterocarp Forest, MF – Montane Forest
- \* Indicates species endemic to Borneo
- # Observed

**(A) BUTTERFLIES (with the number of individuals sampled)**

Scientific Name	Forest Type			
	AF	LDF	HDF	MF
<b>Order: Lepidoptera</b>				
<b>Family: Papilionidae</b>				
<i>Chilasa slateri hewitsoni</i> Westwood	1			
<i>Graphium agamemnon agamemnon</i> Linnaeus	5	4		
<i>Graphium agetes kinabaluensis</i> Fruhstorfer		2		
<i>Graphium antiphates itamputi</i> Butler	2	3		
<i>Graphium bathycles bathycloides</i> Honrath	1	1		
<i>Graphium doson evemoides</i> Honrath	1			
<i>Graphium evemon orthia</i> Jordan		4		
<i>Graphium sarpedon sarpedon</i> Linnaeus	6	6		
<i>Papilio demolition demolition</i> Cramer#	1			
<i>Papilio memnon memnon</i> Linnaeus	2			
<i>Troides amphrysus flavicollis</i> Druce				
<i>Troides brookiana brookiana</i> Wallace	19	8		2
<b>Family: Pieridae</b>				
<i>Appias paulina athena</i> Fruhstorfer	1			
<i>Cepora iudith hespera</i> Butler	4	57		
<i>Cepora pactolicus</i> Butler*	5	26		
<i>Delias hyparete diva</i> Fruhstorfer		1		
<i>Eurema ada ada</i> Distant & Pryer	1			
<i>Eurema blanda blanda</i> Yata		5		
<i>Eurema hecabe hecabe</i> Linnaeus		1		
<i>Eurema lacteola lacteola</i> Distant	2	31		
<i>Eurema nicevillei nicevillei</i> Butler	1			

Scientific Name	Forest Type			
	AF	LDF	HDF	MF
<i>Eurema simulatrix tecmesa</i> De Niceville	3	24		
<i>Gandaca harina elis</i> Fruhstorfer	1	1		
<i>Hebomota glaucippe borneensis</i> Wallace	2	11		
<i>Ixias undatus</i> Butler*		12		
<i>Leptosia nina malayana</i> Fruhstorfer		5		
<i>Pareronia valeria lutescens</i> Butler	1	1		
<i>Prioneris cornelia</i> Vollenhoeven*	1	2		
<i>Saletara panda distanti</i> Butler	1			
<b>Family: Danaidae</b>				
<i>Euploea algea zonata</i> Druce	3	1		
<i>Euploea camarulzeman scudderii</i> Butler	2			
<i>Euploea diocletianus lowii</i> Butler	9			
<i>Euploea mulciber portia</i> Fruhstorfer	6			
<i>Idea stollii virgo</i> Fruhstorfer	1			
<b>Family: Satyridae</b>				
<i>Elymnias esaca borneensis</i> Wallace	1			
<i>Faunis gracilis gracilis</i> Butler	1			
<i>Faunis kirata kirata</i> De Niceville		1		
<i>Faunis stomphax stomphax</i> Westwood			3	
<i>Mycalesis anapita fucenia</i> Fruhstorfer	4			
<i>Mycalesis horsfieldi hermana</i> Fruhstorfer#	1			
<i>Mycalesis maianae kadasan</i> Aoki & Uemura#				1
<i>Mycalesis oroatis</i> Hewitson	1			
<i>Thaumantis nouredin chatra</i> Fruhstorfer		2		
<i>Thaumantis odana panwila</i> Fruhstorfer	2	1		
<i>Thauria aliris aliris</i> Westwood			1	
<i>Ypthima fasciata fasciata</i> Hewitson		1		
<b>Family: Nymphalidae</b>				
<i>Athyma assa psedocama</i> Tsukada & Kaneko		1		
<i>Athyma asura idita</i> Moore	1			
<i>Athyma larymna elisa</i> Fruhstorfer		1		
<i>Athyma pravara pravara</i> Moore		1		
<i>Bassarona dunya monara</i> Fruhstorfer	1			
<i>Cethosia hypsea hypsea</i> Doubleday	1			
<i>Charaxes bernadus repititus</i> Butler	3	3		
<i>Chersonia intermedia</i> Martin		1		
<i>Chersonesia peraka peraka</i> Distant		1		
<i>Chersonesia rahria rahria</i> Moore		4		
<i>Cirrochroa emalea emalea</i> Guerin-Meneville	2			

Scientific Name	Forest Type			
	AF	LDF	HDF	MF
<i>Cirrochroa malaya calypso</i> Wallace	1			
<i>Cupha erymanthis erymanthis</i> Drury	6	2		
<i>Cyrestis nivea borneensis</i> Martin	1	1		
<i>Dichorragia nesimachus derdas</i> Fruhstorfer		1		
<i>Doleschallia bisaltide borneensis</i> Fruhstorfer	2			
<i>Lexias canescens canescens</i> Butler			1	
<i>Lexias dirtea chalcenoides</i> Fruhstorfer	4		10	
<i>Lexias pardalis dirteana</i> Corbet	2	4		
<i>Moduza procris agnata</i> Fruhstorfer	1	4		
<i>Neptis leucoporus cresina</i> Fruhstorfer		1		
<i>Paduca fasciata fasciata</i> C & R Felder		1		
<i>Polyura athamas uraeus</i> Rothschild & Jordan		2		
<i>Polyura delphis concha</i> Vollenhoeven	1			
<i>Polyura moori saida</i> Preyer & Cator		1		
<i>Tanaecia aruna aparasa</i> Vollenhoven		1		
<i>Tanaecia clathrata coerulescens</i> Vollenhoeven#	1			
<i>Terinos clarissa praestigiosa</i> Fruhstorfer#	1			
<i>Vindula dejone dejone</i> Erichson	1	1		
<b>Family: Riodinidae</b>				
<i>Paralaxita nicevillei</i> Rober*	1			
<i>Paralaxita telesia ines</i> Fruhstorfer			2	
<b>Family: Lycaenidae</b>				
<i>Acytolepis puspa mygdonia</i> Fruhstorfer		2		
<i>Acytolepis ripte</i> Druce*		1		
<i>Anthene emolus goberus</i> Fruhstorfer	2			
<i>Anthene lycaenina miya</i> Fruhstorfer	1			
<i>Caleta elna elvira</i> Fruhstorfer		5		
<i>Celastrina lavendularis placidina</i> Fruhstorfer		2		
<i>Curetis santana malayica</i> C & R Felder	2			
<i>Hypolycaena amasa maximinianus</i> Fruhstorfer	1			
<i>Ionolyce helicon merguiana</i> Moore		2		
<i>Nacaduba beroe neon</i> Fruhstorfer		1		
<i>Nacaduba normani normani</i> Eliot*		2		
<i>Prosotas nora superdates</i> Fruhstorfer	3	12		
<b>Family: Hesperiiidae</b>				
<i>Ancistroides armatus armatus</i> Druce				
<i>Ancistroides nigrita othonias</i> Hewitson	1			
<i>Badamia exclamationis</i> Fabricius	1			

Scientific Name	Forest Type			
	AF	LDF	HDF	MF
<i>Bibasis sena uniformis</i> Elwes & Edwards	1			
<i>Cephrenes acalle kliana</i> Evans	1			
<i>Choaspes subcaudatus crawfurdi</i> Distant	1			
<i>Koruthaialos rubecula rubecula</i> Plotz	1	4		
<i>Koruthaialos sindu sindu</i> C & R Felder	3			
<i>Notocrypta clavata clavata</i> Staudinger		3		
<i>Notocrypta paralysos varians</i> Plotz	2			
<i>Notocrypta</i> sp.		1		
<i>Odina hieroglyphica hieroglyphica</i> Butler		1		
<i>Psolos fuligo fuligo</i> Mabille	4			
<i>Seseria affinis affinis</i> Druce		1		
<i>Tagiades waterstradti waterstradti</i> Elwes & Edwards		1		
<b>Total Species (S)</b>	<b>94</b>	<b>126</b>	<b>5</b>	<b>2</b>
<b>Total Individuals (N)</b>	<b>146</b>	<b>284</b>	<b>17</b>	<b>3</b>

**(B) DRAGONFLIES/DAMSELFLIES (with the number of individuals sampled)**

Scientific Name	Forest Type	
	AF	LDF
<b>Order: Odonata: Anisoptera</b>		
<b>Family: Libellulidae</b>		
<b>Subfamily: Libellulinae</b>		
<i>Orthetrum glaucum</i> (Brauer)	2	7
<i>Orthetrum</i> sp. 1	4	
<i>Orthetrum</i> sp. 2	1	
<b>Subfamily: Sympetrinae</b>		
<i>Indothemis</i> sp. 1	1	1
<i>Indothemis</i> sp. 2	1	
<b>Subfamily: Trithemistinae</b>		
<i>Trithemis aurora</i> Burmeister	1	1
<b>Subfamily: Onychothemistinae</b>		
<i>Onychothemis</i> sp. 1		1
<b>Subfamily: Trameinae</b>		
<i>Hydrobasileus croceus</i> Brauer		1
<b>Family: Aeshnidae</b>		
<i>Heliaeschna</i> sp. 1		1
<b>Family: Cordulidae</b>		
<b>Subfamily: Macromiinae</b>		
<i>Macromia pinratani</i> Asahina		1
<b>Family: Gomphidae</b>		
<b>Subfamily: Lindeniinae</b>		
<i>Gomphidia</i> sp. 1		2
<i>Gomphidictinus perakensis</i> Laidlaw		1
<b>Order: Odonata: Zygoptera</b>		
<b>Family: Calopterygidae</b>		
<b>Subfamily: Calopteryginae</b>		
<i>Neurobasis chinensis chinensis</i> (Linnaeus)	3	8
<i>Vestlis? amaryllis</i> Lieftinck		25
<i>Vestalis amnicola</i> Lieftinck	3	1
<i>Vestalis amoena</i> Selys		4

Scientific Name	Forest Type	
	AF	LDF
<b>Family: Chlorocyphidae</b>		
<i>Rhinocypha humeralis</i> Selys	1	17
<i>Rhinocypha perforata limbata</i> Selys	2	
<i>Rhinocypha</i> sp. 1		5
<b>Family: Euphaeidae</b>		
<i>Dysphaea</i> sp. 1	1	11
<i>Euphaea subcostalis</i> Selys	17	117
<i>Euphaea</i> sp. 2	4	
<b>Family: Coenagrionidae</b>		
<b>Subfamily: Agriocnemidinae</b>		
<i>Argiocnemis rubescens rubeola</i> Selys	2	
<b>Family: Platycnemididae</b>		
<b>Subfamily: Calicnemidinae</b>		
<i>Coelliccia didyma didyma</i> Selys		4
<i>Coelliccia loogali</i> Laidlaw		5
<b>Total Species (S)</b>	<b>21</b>	<b>48</b>
<b>Total Individuals (N)</b>	<b>43</b>	<b>213</b>

## (C) BEES (with the number of individuals sampled)

Scientific Name	Time	Forest Type		
		AF	LDF	HDF
<b>Order: Hymenoptera</b> <b>Family: Apidae</b> <b>Subfamily: Meliponinae</b> <i>Trigona (Tetragonula) laeviceps</i> gp. <i>melanocephala</i> Gribodo*	9:30-10:00	0	0	0
	10:00-10:30	8	0	0
	10:30-11:00	16	0	0
	11:00-11:30	41	1	0
	11:30-12:00	44	0	0
	<b>Total</b>	<b>109</b>	<b>1</b>	<b>0</b>
<i>Trigona (Tetragonula) laeviceps</i> gp. <i>melina</i> Gribodo	9:30-10:00		0	0
	10:00-10:30	3	1	0
	10:30-11:00	2	0	0
	11:00-11:30	18	1	0
	11:30-12:00	0	2	0
	<b>Total</b>	<b>23</b>	<b>4</b>	<b>0</b>
<i>Trigona (Tetragonula) laeviceps</i> gp. <i>laeviceps</i> Smith s. lat.	9:30-10:00	46	0	0
	10:00-10:30	45	0	0
	10:30-11:00	33	0	0
	11:00-11:30	93	0	13
	11:30-12:00	2	0	4
	<b>Total</b>	<b>219</b>	<b>0</b>	<b>17</b>
<i>Trigona (Tetragonula) atripes</i> gp. <i>rufibasalis</i> Cockerell	9:30-10:00	1	0	1
	10:00-10:30	10	4	1
	10:30-11:00	16	1	3
	11:00-11:30	48	5	3
	11:30-12:00	42	2	19
	<b>Total</b>	<b>117</b>	<b>12</b>	<b>27</b>

Scientific Name	Time	Forest Type		
		AF	LDF	HDF
<i>Trigona (Tetragonula) atripes</i> gp. <i>collina</i> Smith	9:30-10:00	0	0	7
	10:00-10:30	6	1	14
	10:30-11:00	17	2	27
	11:00-11:30	37	4	36
	11:30-12:00	41	3	31
	<b>Total</b>	<b>101</b>	<b>10</b>	<b>115</b>
<i>Trigona (Lepidotrigona) terminata</i> Smith	9:30-10:00	0	0	0
	10:00-10:30	0	0	0
	10:30-11:00	0	0	0
	11:00-11:30	2	0	0
	11:30-12:00	0	0	0
	<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>
<i>Trigona (Lepidotrigona)</i> <i>?nitidiventris</i> Smith	9:30-10:00	0	0	0
	10:00-10:30	0	0	0
	10:30-11:00	0	0	0
	11:00-11:30	0	0	0
	11:30-12:00	0	2	0
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>
<i>Trigona (Heterotrigona)</i> <i>erythrogastra</i> Cameron	9:30-10:00	0	0	0
	10:00-10:30	0	0	0
	10:30-11:00	0	1	0
	11:00-11:30	0	0	0
	11:30-12:00	0	0	0
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>



Scientific Name	Time	Forest Type		
		AF	LDF	HDF
<b>Subfamily: Apinae</b>				
<i>Apis cerana</i> Fabricius	9:30-10:00	37	0	0
	10:00-10:30	49	2	6
	10:30-11:00	53	6	6
	11:00-11:30	80	2	10
	11:30-12:00	51	2	7
	Total	270	12	29
<i>Apis dorsata</i> Fabricius	9:30-10:00	0	0	0
	10:00-10:30	0	1	0
	10:30-11:00	0	1	0
	11:00-11:30	0	1	0
	11:30-12:00	0	0	0
	Total	0	3	0
<b>Total Species (S)</b>		<b>13</b>	<b>12</b>	<b>3</b>
<b>Total Individuals (N)</b>		<b>571</b>	<b>30</b>	<b>159</b>

## (D) TERMITES (with the number of vials sampled)

Scientific Name	Forest Type		
	AF	LDF	HDF
<b>Order: Isoptera</b>			
<b>Family: Rhinotermitidae</b>			
<b>Subfamily: Heterotermitinae</b>			
<i>Heterotermes tenuior</i> (Haviland)*	3		1
<b>Subfamily: Coptotermitinae</b>			
<i>Coptotermes curvignathus</i> Holmgren	1		
<b>Subfamily: Rhinotermitinae</b>			
<i>Parrhinotermes aequalis</i> (Haviland)	1		
<i>Parrhinotermes microdentiformisoides</i> Thapa*			1
<i>Schedorhinotermes ?brevialatus</i> (Haviland)	14		
<i>Schedorhinotermes breviaalatus</i> (Haviland)			
<i>Schedorhinotermes javanicus</i> Kemner		1	3
<i>Schedorhinotermes medioobscurus</i> (Holmgren)		2	2
<i>Schedorhinotermes sarawakensis</i> (Holmgren)		3	1
<i>Schedorhinotermes ?tarakanensis</i> (Oshima)			6
<i>Schedorhinotermes tarakariensis</i> (Oshima)		1	
<b>Family: Termitidae</b>			
<b>Subfamily: Amitermitinae</b>			
<i>Globitermes globosus</i> (Haviland)*	2	1	3
<i>Microcerotermes ?serrula</i> (Desneux)			2
<i>Microcerotermes ?serrula</i> (Desneux)			2
<i>Prohamitermes ?mirabilis</i> (Haviland)			3
<i>Prohamitermes mirabilis</i> (Haviland)	10		
<b>Subfamily: Termitinae</b>			
<i>Dicuspiditermes nemorosus</i> (Haviland)	1	3	
<i>Dicuspiditermes santschii</i> (Silvestri)	1	1	
<i>Malaysiocapritermes prosetiger</i> (Ahmad)	1		
<i>Pericapritermes dolichocephalus</i> (John)			7
<i>Pericapritermes nitobei</i> (Shiraki)	7		2
<i>Pericapritermes paraspeciosus</i> Thapa*			7
<i>Pericapritermes semarangi</i> (Holmgren)			3

Scientific Name	Forest Type		
	AF	LDF	HDF
<i>Termes propinquus</i> (Holmgren)	1		
<b>Subfamily: Macrotermitinae</b>			
<i>Macrotermes gilvus</i> (Hagen)			1
<i>Macrotermes malaccensis</i> (Haviland)	4	1	10
<i>Odontotermes neodenticulatus</i> Thapa*			1
<i>Odontotermes sarawakensis</i> Holmgren	1		
<b>Subfamily: Nasutitermitinae</b>			
? <i>Proacculitermes</i> sp.	1		
<i>Bulbitermes ?borneensis</i> (Haviland)			2
<i>Bulbitermes constrictus</i> (Haviland)*	3		
<i>Bulbitermes flavicans</i> (Holmgren)	1	1	1
<i>Bulbitermes</i> sp. 1	1		
<i>Hirtitermes spinocephalus</i> (Oshima)*	1		
<i>Hospitalitermes medioflavus</i> (Holmgren)			2
<i>Nasutitermes ?longinasoides</i> Thapa*			1
<i>Nasutitermes longinasoides</i> Thapa*	2		
<i>Nasutitermes longinasus</i> (Holmgren)			4
<i>Nasutitermes neoparvus</i> Thapa*			1
<i>Subulioditermes ?major</i> Thapa	1		
<b>Total Species (S)</b>	<b>33</b>	<b>12</b>	<b>40</b>
<b>Total Individuals (N)</b>	<b>57</b>	<b>16</b>	<b>66</b>

(E) LIST OF BEETLES, CICADAS AND OTHER INSECTS  
(with the number of individuals per sampling night)

Scientific Name	Forest Type		
	AF	LDF	HDF, SMF, MF
<b>Order: Coleoptera</b>			
<b>Family: Cerambycidae</b>			
<i>Aeolesthes aurifaber</i> White			1
<i>Batocera parryi</i> *		1	3
Cerambycidae sp. 1			1
<i>Cyriopalus wallacei</i> Pascoe			1
<i>Epepeotes</i> sp. 1			1
<i>Neocerambyx gigas</i> Pascoe			1
<i>Orsidis</i> sp. 1			1
<b>Family: Scarabaeidae</b>			
? <i>Apogonia</i> sp.	1		
<i>Anomala</i> sp. 1		2	
<i>Apogonia</i> sp. 1		6	
<i>Apogonia</i> sp. 2			3
<i>Catharsius molossus</i> Linnaeus		1	1
<i>Chalcosoma moellenkampii</i> complex*			8
<i>Chalcosoma</i> sp. 1		1	
<i>Heliocopris</i> sp. 1		3	2
<i>Lepidiota</i> sp. 1			1
<i>Lepidiota stigma</i>			1
<i>Oryctes rhinoceros</i> Linnaeus		1	
<i>Oryctes</i> sp. 1		1	
<i>Oryctes trituberculatus</i> Lansb.		1	
<b>Family: Lucanidae</b>			
<i>Aegus</i> sp. 1	1		
<i>Cyclommatus tarandus</i> Thunberg			1
Lucanidae sp. 1			1
Lucanidae sp. 2			1
<i>Odontolabis dalmanni</i> Hope & Westwood			4
<i>Odontolabis femoralis</i> Waterhouse complex		1	
<b>Family: Elateridae</b>			
<i>Calais</i> sp. 1	1		
<i>Calais</i> sp. 2			1
Elateridae sp. 1			1
<i>Hemiops nigripes</i>		2	2
<i>Hemiops</i> sp. 1	1		

Scientific Name	Forest Type		
	AF	LDF	HDF, SMF, MF
<i>Hemiops</i> sp. 2			4
<b>Family: Erotylidae</b>			
<i>Nesitis attenuata</i>	2		
<b>Family: Curculionidae</b>			
Curculionidae sp. 1	1		
<i>Sipalinus</i> sp.			1
<b>Family: Cicindelidae</b>			
Cicindelidae sp. 1	1		
<b>Family: Tenebrionidae</b>			
<i>Rhopobus</i> sp. 1		1	
<b>Family: Endomychidae</b>			
<i>Amphisternas</i> sp. 1		1	
<b>Family: Passalidae</b>			
<i>Aceraius grandis</i> (Burmeister)			1
<b>Family: Chrysomelidae</b>			
? <i>Aspidomorpha</i> sp.			2
<b>Order: Homoptera</b>			
<b>Family: Cicadidae</b>			
<i>Chremistica pontianaka</i> Distant			1
<i>Chremistica</i> sp.	1		
Cicadidae sp. 1			1
<i>Dundubia rufivena</i> Walker	2		
<i>Orientopsaltria agatha</i> Moulton			4
<i>Orientopsaltria alticola</i> Distant	2		
<i>Orientopsaltria</i> sp.			4
<i>Platylomia spinosa</i> Fabricius	2		4
<i>Platyleura kaempferi fuscangulis</i> Butler*			4
<i>Pomponia merula</i> Distant			3
<i>Purana guttularis</i> Walker	1	2	
<i>Purana</i> sp.			5
<b>Family: Flatidae</b>			
<i>Bythopsyrna</i> sp.	1		

Scientific Name	Forest Type		
	AF	LDF	HDF, SMF, MF
<b>Family: Fulgoridae</b>			
<i>Pyrops inticara</i> Walker	1		
<b>Order: Hemiptera</b>			
<b>Family: Pentatomidae</b>			
<i>Placosternum</i> sp.		1	
<i>Placosternum taurus</i> Fabricius			1
<i>Pycanum sensori</i> Distant			1
<b>Order: Orthoptera sensu lato</b>			
<b>Family: Tettigoniidae / Gryllidae / Mantodea / Phasmatodea</b>			
<i>Orthoptera</i> spp.	3	8	11
<b>Order: Hymenoptera</b>			
<b>Family: Vespidae</b>			
<i>Provespa nocturna</i>			2
<i>Vespidae</i> sp. 1	1		
<i>Vespidae</i> sp. 2			1
<b>Family: Anthophoridae</b>			
<i>Xylocopa</i> sp.		1	2
<i>Xylocopa</i> sp.		2	

## 3.3 A LIST OF HERPETOFAUNA

Robert B. Stuebing and Shahbudin Hj. Sabky

## Note:

- \*: Indicates species endemic to Borneo

Family	Species
Ichthyophidae	<i>Ichthyophis nigroflava?</i>
Megophryidae	<i>Leptobrachium montanum</i> Fischer*
Megophryidae	<i>Leptobrachella mjobergi</i> Smith*
Megophryidae	<i>Leptolalax gracilis</i> Gunther
Megophryidae	<i>Megophrys nasuta</i> Schlegel
Bufo	<i>Ansonia albomaculata</i> Inger*
Bufo	<i>Ansonia leptopus</i> Gunther*
Bufo	<i>Ansonia longidigita</i> Inger*
Bufo	<i>Ansonia spinulifer</i> Mocquard*
Bufo	<i>Bufo asper</i> Gravenhorst
Bufo	<i>Bufo juxtasper</i> Inger*
Bufo	<i>Pedostibes hosii</i> Boulenger*
Bufo	<i>Pelophryne rhopophilus</i> Inger & Stuebing*
Bufo	<i>Pelophryne signata</i> Peters*
Microhylidae	<i>Chaperina fusca</i> Mocquard
Microhylidae	<i>Kalophrynus intermedius</i> Inger *
Microhylidae	<i>Kalophrynus subterrestris</i> Inger*
Microhylidae	<i>Metaphrynella sundana</i> Peters
Microhylidae	<i>Microhyla borneensis</i> Parker*
Microhylidae	<i>Microhyla petrigena</i> Inger & Frogner*
Ranidae	<i>Ingerana baluensis</i> Boulenger*
Ranidae	<i>Huia cavitympanum</i> Boulenger*
Ranidae	<i>Meristogenys phaeomerus</i> Inger & Gritis*
Ranidae	<i>Meristogenys poecilus</i> Inger & Gritis*
Ranidae	<i>Occidozyga laevis</i> Gunther
Ranidae	<i>Limnonectes ibanorum</i> Inger*
Ranidae	<i>Limnonectes kuhlii</i> Tschudi
Ranidae	<i>Limnonectes laticeps</i> Boulenger
Ranidae	<i>Limnonectes leporinus</i> Boulenger

Family	Species
Ranidae	<i>Limnonectes malesianus</i> Kiew
Ranidae	<i>Limnonectes palavanensis</i> Boulenger
Ranidae	<i>Rana chalconota</i> Schlegel
Ranidae	<i>Rana hosii</i> Boulenger
Ranidae	<i>Rana luctuosa</i> Peters
Ranidae	<i>Rana picturata</i> Boulenger
Ranidae	<i>Staurois latopalmaris</i> Boulenger*
Ranidae	<i>Staurois natator</i> Gunther*
Rhacophoridae	<i>Nyctixalus pictus</i> Peters
Rhacophoridae	<i>Philautus gauni</i> Inger*
Rhacophoridae	<i>Philautus hosii</i> Boulenger*
Rhacophoridae	<i>Philautus refugii</i> Inger & Stuebing*
Rhacophoridae	<i>Philautus tectus</i> Dring*
Rhacophoridae	<i>Polypedates macrotis</i> Boulenger
Rhacophoridae	<i>Polypedates otlophus</i> Boulenger*
Rhacophoridae	<i>Rhacophorus appendiculatus</i> Gunther
Rhacophoridae	<i>Rhacophorus bimaculatus</i> Peters
Rhacophoridae	<i>Rhacophorus harrissoni</i> Inger & Haile*
Rhacophoridae	<i>Rhacophorus nigropalmatus</i> Boulenger
Rhacophoridae	<i>Rhacophorus pardalis</i> Gunther
Rhacophoridae	<i>Rhacophorus reinwardti</i> Schlegel
Rhacophoridae	<i>Rhacophorus rufipes</i> Inger*
Agamidae	<i>Draco quinquefasciatus</i> Hardwicki & Gray
Agamidae	<i>Gonocephalus doriae</i> Peters
Agamidae	<i>Gonocephalus grandis</i> Gray
Agamidae	<i>Gonocephalus borneensis</i> Schlegel*
Agamidae	<i>Phoxophrys nigrilabris</i> Peters*
Agamidae	<i>Pseudocalotes saravacensis</i> Inger & Stuebing*
Eublepharidae	<i>Aeluroscalabotes felinus</i> Gunther
Gekkonidae	<i>Cyrtodactylus consobrinus</i> Peters
Gekkonidae	<i>Cyrtodactylus pubisulcus</i> Inger*
Anguidae	<i>Ophisaurus buttikoferi</i> Lidth*
Scincidae	<i>Mabuya rudis</i> Boulenger
Scincidae	<i>Tropidophorus brookei</i> Gray
Scincidae	<i>Tropidophorus beccari</i> Peters*



Family	Species
Varanidae	<i>Varanus dumerilii</i> Schlegel
Varanidae	<i>Varanus salvator</i> Laurenti
Cylindrophiiidae	<i>Cylindrophis engkariensis</i> Stuebing
Pythonidae	<i>Python curtus</i> Schlegel
Pythonidae	<i>Python reticulatus</i> Schneider
Colubridae	<i>Ahaetulla prasina</i> Boie
Colubridae	<i>Amphiesma flavifrons</i> Boulenger*
Colubridae	<i>Amphiesma saravacensis</i> Gunther
Colubridae	<i>Boiga dendrophila</i> Boie
Colubridae	<i>Calamaria leucogaster</i> Bleeker*
Colubridae	<i>Chrysopelea paradisi</i> Boie
Colubridae	<i>Chrysopelea pelias</i> Linnaeus
Colubridae	<i>Elaphe flavolineata</i> Schlegel
Colubridae	<i>Gonyophis margaritatus</i> Peters
Colubridae	<i>Hydrablades periops</i> Gunther*
Colubridae	<i>Liopeltis baliodeirus</i> Boie
Colubridae	<i>Liopeltis longicauda</i> Peters
Colubridae	<i>Lycodon aulicus</i> Linnaeus
Colubridae	<i>Opisthotropis typica</i> Mocquard*
Colubridae	<i>Pareas laevis</i> Boie
Colubridae	<i>Pseudorabdion collaris</i> Mocquard*
Colubridae	<i>Rhabdophis chrysarga</i> Schlegel
Colubridae	<i>Rhabdophis conspicillata</i> Gunther*
Colubridae	<i>Xenochrophis trianguligerus</i> Boie
Elapidae	<i>Bungarus flaviceps</i> Reinhardt
Elapidae	<i>Maticora intestinalis</i> Laurenti
Crptalidae	<i>Trimeresurus borneensis</i> Peters*
Crptalidae	<i>Trimeresurus sumatranus</i> Raffles
Crptalidae	<i>Tropidolaemus wagleri</i> Boie

## 3.4 A LIST OF THE FISH FAUNA

Charles M. U. Leh and Shahbudin Hj. Sabky

## Note:

- a - abundant
- p - present

Species	Local Name	Area surveyed			
		Katibas	Bloh	Ulu Skrang	Engkari
<b>CYPRINIDAE</b>					
<i>Barbodes schwanefeldii</i> (Bleeker, 1803)	Tengadak	p	p	a	a
<b>CHANIDAE</b>					
<i>Channa lucius</i> Cuvier, 1831	Haruan	p	p	p	p
<b>TETRADONTIDAE</b>					
<i>Chonerhinos nefastus</i> Roberts, 1982	Buntal	a	p	a	a
<b>CLARRIIDAE</b>					
<i>Clarias</i> sp. 1	Keli	p	p	p	a
<i>Clarias teysmani</i> (Bleeker, 1857)	Keli	a	a	a	p
<b>CYPRINIDAE</b>					
<i>Cyclocheilichthys apogon</i> (Valenciennes, 1842)	Boeng	p	p	a	a
<i>Cyclocheilichthys armatus</i> (Valenciennes, 1842)	Boeng	p	p	p	a
<i>Garra borneensis</i>		p	p	a	a
<b>BALITORIDAE</b>					
<i>Gastromyzon borneensis</i> Gunther, 1874	Pelekat	p	a	a	a
<i>Gastromyzon</i> cf. <i>punctulatus</i> Inger & Chin, 1961	Pelekat	a	p	a	a
<i>Gastromyzon danumensis</i> Chin & Inger, 1989	Pelekat	p	a	a	a
<i>Gastromyzon embalohensis</i> Rachmatika, 1997	Pelekat	p	p	a	a
<i>Gastromyzon fasciatus</i> Inger & Chin, 1961	Pelekat	p	p	p	p

Species	Local Name	Area surveyed			
		Katibas	Bloh	Ulu Skrang	Engkari
<i>Gastromyzon lepidogaster</i> Roberts, 1982	Pelekat	a	p	a	p
<i>Gastromyzon ridens</i> Roberts, 1982	Pelekat	a	a	a	p
<i>Gastromyzon</i> sp. 1		p	p	p	a
<i>Gastromyzon</i> sp. 3		p	p	p	a
<i>Gastromyzon</i> sp. 4		p	p	a	a
<i>Glaniopsis denudata</i> Roberts, 1982		a	a	a	p
<i>Glaniopsis gossei</i> Roberts, 1982		a	a	p	a
<i>Glaniopsis multiradiata</i> Roberts, 1982		a	a	a	p
<i>Glaniopsis</i> sp. 1		p	p	a	a
<i>Glaniopsis</i> sp. 2		a	p	a	a
<b>BAGRIDAE</b>					
<i>Glyptothorax major</i> (Boulenger, 1894)		p	p	p	p
<i>Glyptothorax platypogonoides</i> (Bleeker, 1855)		a	a	a	p
<b>GOBIIDAE</b>					
<i>Gobiidae</i> sp. 1		p	a	a	a
<b>CYPRINIDAE</b>					
<i>Hampala bimaculata</i> (Popta, 1905)	Adong	p	p	p	p
<i>Hampala macrolepidota</i> (Valenciennes, 1842)	Adong	p	p	a	p
<b>BAGRIDAE</b>					
<i>Hemibagrus</i> cf. <i>bongan</i> Popta, 1904	Baong	p	p	a	a
<i>Hemibagrus</i> cf. <i>nemurus</i> (Valenciennes, 1839)	Baong	p	p	p	p
<b>BALITORIDAE</b>					
<i>Homaloptera</i> cf. <i>nebulosa</i> Alfred, 1969		p	p	p	p
<i>Homaloptera</i> cf. <i>stephensoni</i> Hora, 1932		p	p	a	p
<i>Hypergastromyzon eubranthus</i> Roberts, 1991	Pelekat	a	a	p	p

Species	Local Name	Area surveyed			
		Katibas	Bloh	Ulu Skrang	Engkari
<b>BAGRIDAE</b>					
<i>Leiocassis micropogon</i> (Bleeker, 1852)		a	a	a	p
<i>Leiocassis</i> sp. 1		p	a	p	a
<i>Leiocassis stenomus</i> Vaillant, 1893		a	a	a	p
<b>CYPRINIDAE</b>					
<i>Lobocheilus bo</i> (Popta, 1904)	Kulong	p	p	p	p
<i>Lobocheilus</i> cf. <i>bo</i>	Kulong	p	p	a	a
<i>Lobocheilus</i> cf. <i>kajanensis</i> Gunther, 1868	Kulong	p	p	p	a
<i>Lobocheilus</i> sp. 1	Kulong	p	p	a	a
<i>Luciosoma</i> sp. 1		a	p	a	a
<b>MASTACEMBELIDAE</b>					
<i>Macrognathus aculeatus</i> (Bloch, 1786)		p	p	p	p
<i>Macrognathus keithi</i> (Herre, 1940)		p	p	a	a
<i>Macrognathus maculatus</i> (Valenciennes, 1831)		a	a	a	p
<i>Mastacembelus unicolor</i> Cuvier, 1831	Badung	p	p	p	p
<b>BALITORIDAE</b>					
<i>Nemachilus</i> cf. <i>hispidus</i>		p	a	a	a
<i>Nemachilus</i> cf. <i>kapuasensis</i> Kottelat, 1984)		p	a	a	a
<i>Nemachilus saravacensis</i> Boulenger, 1894		p	a	a	p
<i>Nemachilus</i> sp. 1		p	a	a	a
<i>Neogastromyzon nieuwenhuisi</i> Popta, 1905		p	p	p	p
<b>CYPRINIDAE</b>					
<i>Osteochilus enneaporus</i> (Bleeker, 1852)	Mata merah	a	a	a	p
<i>Osteochilus hasselti</i> (Valenciennes, 1842)	Bantak	a	a	a	p
<i>Osteochilus intermedius</i> Weber & de Beaufort, 1916	Bantak	p	p	a	a

Species	Local Name	Area surveyed			
		Katibas	Bloh	Ulu Skrang	Engkari
<i>Osteochilus kahajanensis</i> (Bleeker, 1857)	Bantak	p	p	a	a
<i>Osteochilus microcephalus</i> (Valenciennes, 1842)	Bantak	p	p	p	a
<i>Osteochilus pleurotaenia</i> (Bleeker, 1855)	Bantak	a	p	a	a
<i>Osteochilus waandersii</i> (Bleeker, 1852)	Bantak	a	a	a	p
<i>Oxygaster anomalura</i> van Hasselt, 1823		p	p	p	a
<b>BALITORIDAE</b>					
<i>Pangio anguillaris</i> Vaillant, 1902		p	a	a	a
<b>CYPRINIDAE</b>					
<i>Paracrossochilus acerus</i> Inger & Chin, 1962		p	p	p	p
<i>Paracrossochilus</i> cf. <i>acerus</i>		a	a	a	a
<i>Paracrossochilus</i> sp. 1		p	p	a	a
<i>Paracrossochilus vittatus</i> (Boulenger, 1864)		a	p	p	p
<b>BALITORIDAE</b>					
<i>Parhomaloptera microstoma</i> (Boulenger, 1899)		p	p	p	p
<i>Protomyzon griswoldi</i> (Hora & Jayaram, 1951)		p	a	a	a
<i>Protomyzon</i> sp. 1		p	a	a	a
<b>GOBIDAE</b>					
<i>Pseudogobius oratai</i> Herre, 1940		a	a	a	p
<b>CYPRINIDAE</b>					
<i>Puntius banksi</i>	Putih	p	p	p	p
<i>Puntius</i> cf. <i>binotatus</i> (Valenciennes, 1842)	Putih	p	p	p	p
<i>Puntius collingwoodi</i> (Gunther, 1868)	Kepiat	p	p	p	p
<i>Puntius kuchingensis</i> Banarescu & Bianco (1984)	Putih	p	p	p	p

Species	Local Name	Area surveyed			
		Katibas	Bloh	Ulu Skrang	Engkari
<i>Rasbora argyrotaenia</i> (Bleeker, 1850)	Seluang	p	p	a	a
<i>Rasbora bankanensis</i> (Bleeker, 1853)	Seluang	p	p	p	a
<i>Rasbora borneensis</i> Bleeker, 1860	Seluang	a	a	p	a
<i>Rasbora caudimaculata</i> Volz, 1903	Seluang	p	p	p	p
<i>Rasbora cf. ennealepis</i> Roberts, 1989	Seluang	a	p	a	a
<i>Rasbora sarawakensis</i> Brittan, 1951	Seluang	a	a	p	a
<i>Rasbora</i> sp. 1	Seluang	p	p	a	p
<i>Rasbora sumatrana</i> (Bleeker)	Seluang	p	a	a	p
<i>Rasbora volzi</i> Popta, 1905	Seluang	p	p	p	p
<i>Tor tambra</i> (Valenciennes, 1842)	Semah	p	p	p	a
<i>Tor tambroides</i> Bleeker, 1854	Empurau	p	p	p	a
<b>Total number of species</b>		<b>56</b>	<b>54</b>	<b>34</b>	<b>37</b>

### 3.5 A LIST OF THE BIRD FAUNA

Robert B. Grubh and Sim Lee Kheng

**Note:**

- E - Endemic, M - Migrant, NT - Near Threatened, V - Vulnerable

Species	English Name	Status
<b>ANHINGIDAE</b>		
<i>Anhinga melanogaster</i> Pennant	Oriental Darter	NT
<b>ARDEIDAE</b>		
<i>Butorides striatus</i> Linnaeus	Striated Heron	
<i>Egretta garzetta</i> Linnaeus	Little Egret	M
<b>ACCIPITRIDAE</b>		
<i>Haliastur indus</i> Boddaert	Brahminy Kite	
<i>Hieraetus kienerii</i> E. Geoffroy	Rufous-Bellied Eagle	
<i>Ichthyophaga humilis</i> Müller & Schlegel	Lesser-fish Eagle	NT
<i>Ichthyophaga ichthyaetus</i> Horsfield	Grey-headed Fish Eagle	NT
<i>Ictinaetus malayensis</i> Temminck	Black Eagle	
<i>Microhierax fringillarius</i> Drapiez	Black-thighed Falconet	
<i>Spilornis cheela</i> Latham	Crested Serpent Eagle	
<i>Spizaetus alboniger</i> Blyth	Blyth's Hawk-Eagle	
<i>Spizaetus cirrhatus</i> Gmelin	Changeable Hawk-Eagle	
<i>Spizaetus nanus</i> Wallace	Wallace's Hawk-Eagle	V
<b>PHASIANIDAE</b>		
<i>Argusianus argus</i> Linnaeus	Great Argus	
<i>Haematortyx sanguiniceps</i> Sharpe	Crimson-headed Partridge	E
<i>Lophura bulweri</i> Sharpe	Bulwer's Pheasant	V,E
<i>Lophura ignita</i> Shaw & Nodder	Crested Fireback	V
<i>Rollulus rouloul</i> Scopoli	Crested Partridge	
<b>SCOLOPACIDAE</b>		
<i>Actitis hypoleucos</i> Linnaeus	Common Sandpiper	M
<b>COLUMBIDAE</b>		
<i>Chalcophaps indica</i> Linnaeus	Emerald Dove	
<i>Ptilinopus jambu</i> Gmelin	Jambu Fruit-Dove	
<i>Treron capellei</i> Temminck	Large Green Pigeon	NT
<i>Treron curvirostra</i> Gmelin	Thick-billed Green Pigeon	

Species	English Name	Status
<i>Treron fulvicollis</i> Wagler	Cinnamon-headed Green Pigeon	NT
<i>Treron olax</i> Temminck	Little Green Pigeon	
<b>PSITTACIDAE</b>		
<i>Loriculus galgulus</i> Linnaeus	Blue-crowned Hanging-Parrot	
<i>Psittinus cyanurus</i> Forster	Blue-Rumped Parrot	NT
<b>CUCULIDAE</b>		
<i>Cacomantis merulinus</i> Scopoli	Plaintive Cuckoo	
<i>Cacomantis sepulcralis</i> S. Müller	Brush Cuckoo	
<i>Cacomantis sonneratii</i> Latham	Banded Bay Cuckoo	
<i>Centropus bengalensis</i> Gmelin	Lesser Coucal	
<i>Centropus sinensis</i> Stephens	Greater Coucal	
<i>Chrysococcyx xanthorhynchus</i> Horsfield	Violet Cuckoo	
<i>Cuculus micropterus</i> Gould	Indian Cuckoo	
<i>Cuculus vagans</i> S. Müller	Moustached Hawk-Cuckoo	
<i>Phaenicophaeus chlorophaeus</i> Raffles	Raffles's Malkoha	
<i>Phaenicophaeus curvirostris</i> Shaw & Nodder	Chestnut-Breasted Malkoha	
<i>Phaenicophaeus diardii</i> Lesson	Black-Bellied Malkoha	
<i>Phaenicophaeus javanicus</i> Horsfield	Red-Billed Malkoha	
<i>Phaenicophaeus sumatranus</i> Raffles	Chestnut-Bellied Malkoha	
<i>Surniculus lugubris</i> Horsfield	Drongo Cuckoo	
<b>STRIGIDAE</b>		
<i>Bubo sumatrana</i> Raffles	Barred Eagle-Owl	
<i>Ketupa ketupu</i> Horsfield	Buffy Fish-Owl	
<i>Ninox scutulata</i> Raffles	Brown Boobook	
<i>Otus rufescens</i> Horsfield	Reddish Scops Owl	
<i>Phodilus badius</i> Horsfield	Oriental Bay Owl	
<b>CAPRIMULGIDAE</b>		
<i>Eurostopus temminckii</i> Gould	Malaysian Eared-Nightjar	
<b>APODIDAE</b>		
<i>Apus affinis</i> J. E. Gray	Little Swift	
<i>Collocalia esculenta</i> Linnaeus	Glossy Swiftlet	
<i>Collocalia maxima</i> Hume	Black-Nest Swiftlet	
<i>Hirundapus gigantea</i> Temminck	Brown-backed Needletail	
<i>Rhaphidura leucopygialis</i> Blyth	Silver-Rumped Swift	



Species	English Name	Status
<b>HEMIPROCNIDAE</b>		
<i>Hemiprocne comata</i> Temminck	Whiskered Treeswift	
<i>Hemiprocne longipennis</i> Rafinesque	Grey-Rumped Treeswift	
<b>TROGONIDAE</b>		
<i>Harpactes diardii</i> Temminck	Diard's Trogon	
<i>Harpactes duvaucelii</i> Temminck	Scarlet-Rumped Trogon	
<i>Harpactes kasumba</i> Raffles	Red-Naped Trogon	
<i>Harpactes orrhophaeus</i> Cabanis & Heine	Cinnamon-Rumped Trogon	
<b>ALCEDINIDAE</b>		
<i>Actenoides concretus</i> Temminck	Rufous-Collared Kingfisher	
<i>Alcedo atthis</i> Linnaeus	Common Kingfisher	M
<i>Alcedo euryzona</i> Temminck	Blue-Banded Kingfisher	
<i>Alcedo meninting</i> Horsfield	Blue-Eared Kingfisher	
<i>Ceyx erithacus</i> Linnaeus	Black-Backed Kingfisher	
<i>Ceyx rufidorsa</i> Strickland	Rufous-Backed Kingfisher	
<i>Halcyon pileata</i> Boddaert	Black-Capped Kingfisher	M
<i>Lacedo pulchella</i> Horsfield	Banded Kingfisher	
<i>Pelargopsis capensis</i> Linnaeus	Stork-Billed Kingfisher	
<b>MEROPIDAE</b>		
<i>Merops viridis</i> Linnaeus	Blue-throated Bee-eater	
<i>Nyctyornis amictus</i> Temminck	Red-bearded Bee-eater	
<b>BUCEROTIDAE</b>		
<i>Berenicornis comatus</i> Raffles	White-Crowned Hornbill	
<i>Aceros corrugatus</i> Temminck	Wrinkled Hornbill	V
<i>Aceros undulatus</i> Shaw	Wreathed Hornbill	
<i>Anorrhinus galeritus</i> Temminck	Bushy-Crested Hornbill	
<i>Anthracoceros malayanus</i> Raffles	Black Hornbill	NT
<i>Buceros rhinoceros</i> Linnaeus	Rhinoceros Hornbill	
<i>Buceros vigil</i> Forster	Helmeted Hornbill	
<b>CAPITONIDAE</b>		
<i>Calorhampus fuliginosus</i> Temminck	Brown Barbet	
<i>Megalaima australis</i> Horsfield	Blue-Eared Barbet	
<i>Megalaima chrysopogon</i> Temminck	Gold-Whiskered Barbet	
<i>Megalaima eximia</i> Sharpe	Black Throated Barbet	E
<i>Megalaima henricii</i> Temminck	Yellow-Crowned Barbet	
<i>Megalaima mystacophanos</i> Temminck	Red-Throated Barbet	
<i>Megalaima pulcherrima</i> Sharpe	Golden-Naped Barbet	E

Species	English Name	Status
<i>Megalaima rafflesii</i> Lesson	Red-Crowned Barbet	
<b>INDICATORIDAE</b>		
<i>Indicator archipelagicus</i> Temminck	Malaysian Honeyguide	
<b>PICIDAE</b>		
<i>Blythipicus rubiginosus</i> Swainson	Maroon Woodpecker	
<i>Dendrocopus canicapillus</i> Blyth	Grey-Capped Woodpecker	
<i>Dinopium javanense</i> Ljungh	Common Goldenback	
<i>Dinopium rafflesii</i> Vigors	Olive-Backed Woodpecker	
<i>Dryocopus javensis</i> Horsfield	White-Bellied Woodpecker	
<i>Hemicircus concretus</i> Temminck	Grey and Buff Woodpecker	
<i>Meiglyptes tristis</i> Horsfield	Buff-Rumped Woodpecker	
<i>Meiglyptes tukki</i> Lesson	Buff-Necked Woodpecker	
<i>Micropternus brachyurus</i> Vieillot	Rufous Woodpecker	
<i>Mulleripicus pulverulentus</i> Temminck	Great Slaty Woodpecker	
<i>Picoides moluccensis</i> Gmelin	Sunda Woodpecker	
<i>Picus mentalis</i> Temminck	Checker-throated Woodpecker	
<i>Picus puniceus</i> Horsfield	Crimson-Winged Woodpecker	
<i>Reinwardtipicus validus</i> Temminck	Orange-Backed Woodpecker	
<i>Sasia abnormis</i> Temminck	Rufous Piculet	
<b>EURLAIMIDAE</b>		
<i>Calyptomena hosei</i> Sharpe	Hose's Broadbill	E
<i>Calyptomena viridis</i> Raffles	Green Broadbill	
<i>Corydon sumatranus</i> Raffles	Dusky Broadbill	
<i>Cymbirhynchus macrorhynchus</i> Gmelin	Black and Red Broadbill	
<i>Eurylaimus javanicus</i> Horsfield	Banded Broadbill	
<i>Eurylaimus ochromalus</i> Raffles	Black and Yellow Broadbill	
<b>PITTIDAE</b>		
<i>Pitta arquata</i> Gould	Blue-Banded Pitta	E
<i>Pitta baudii</i> Müller & Schlegel	Blue-Headed Pitta	NT,E
<i>Pitta granatina</i> Temminck	Garnet Pitta	
<i>Pitta guajana</i> P. L. S. Müller	Banded Pitta	
<i>Pitta moluccensis</i> Müller	Blue-Winged Pitta	
<i>Pitta nympha</i> Temminck & Schlegel	Fairy Pitta	M
<b>HIRUNDINIDAE</b>		
<i>Hirundo rustica</i> Linnaeus	Barn Swallow	M
<i>Hirundo tahitica</i> Gmelin	Pacific Swallow	

Species	English Name	Status
<b>CAMPEPHAGIDAE</b>		
<i>Coracina striata</i> Boddaert	Bar-Bellied Cuckoo-Shrike	
<i>Hemipus hirundinaceus</i> Temminck	Black-Winged Flycatcher-Shrike	
<i>Pericrocotus solaris</i> Blyth	Grey-Chinned Minivet	
<b>CHLOROPSEIDAE</b>		
<i>Aegithina viridissima</i> Bonaparte	Green Iora	
<i>Chloropsis cochinchinensis</i> Gmelin	Blue-Winged Leafbird	
<i>Chloropsis cyanopogon</i> Temminck	Lesser Green Leafbird	
<i>Chloropsis sonneratii</i> Jardine & Selby	Greater Green Leafbird	
<b>PYCNONOTIDAE</b>		
<i>Alophoixus bres</i> Lesson	Grey-Cheeked Bulbul	
<i>Alophoixus ochraceus</i> Horsfield & Moore	Ochraceus Bulbul	
<i>Alophoixus phaeocephalus</i> Hartlaub	Yellow-Bellied Bulbul	
<i>Criniger finschii</i> Salvadori	Finsch's Bulbul	
<i>Hypsipetes charlottae</i> Finsch	Buff Vented Bulbul	
<i>Hypsipetes flavala</i> Blyth	Ashy Bulbul	
<i>Ixos malaccensis</i> Blyth	Streaked Bulbul	
<i>Pycnonotus atriceps</i> Temminck	Black-Headed Bulbul	
<i>Pycnonotus brunneus</i> Blyth	Red-Eyed Bulbul	
<i>Pycnonotus cyaniventris</i> Blyth	Grey-Bellied Bulbul	
<i>Pycnonotus erythrophthalmos</i> Hume	Spectacled Bulbul	
<i>Pycnonotus eutilotus</i> Jardine & Selby	Puff Backed Bulbul	
<i>Pycnonotus flavescens</i> Blyth	Flavescent Bulbul	
<i>Pycnonotus melanicterus</i> Gmelin	Black-Crested Bulbul	
<i>Pycnonotus melanoleucos</i> Eyton	Black and White Bulbul	
<i>Pycnonotus simplex</i> Lesson	Cream-Vented Bulbul	
<i>Pycnonotus squamatus</i> Temminck	Scaly-Breasted Bulbul	
<i>Pycnonotus zeylanicus</i> Gmelin	Straw-Headed Bulbul	
<i>Setornis criniger</i> Lesson	Hook-Billed Bulbul	
<i>Tricholestes criniger</i> Blyth	Hairy-Backed Bulbul	
<b>DICRURIDAE</b>		
<i>Dicrurus aeneus</i> Vieillot	Bronzed Drongo	
<i>Dicrurus annectans</i> Hodgson	Crow-Billed Drongo	
<i>Dicrurus paradiseus</i> Linnaeus	Greater Racket-Tailed Drongo	
<b>ORIOLIDAE</b>		
<i>Irena puella</i> Latham	Asian Fairy-Bluebird	
<i>Oriolus xanthonotus</i> Horsfield	Dark-Throated Oriole	

Species	English Name	Status
<b>CORVIDAE</b>		
<i>Pityriasis gymnocephala</i> Temminck	Bornean Bristlehead	NT, E
<i>Platylophus galericulatus</i> Cuvier	Crested Jay	
<i>Platysmurus leucopterus</i> Temminck	Black Magpie	
<b>SITTIDAE</b>		
<i>Sitta frontalis</i> Swainson	Velvet-Fronted Nuthatch	
<b>TIMALIIDAE</b>		
<i>Alcippe bruneicauda</i> Salvadori	Brown Fulvetta	
<i>Eupetes macrocerus</i> Temminck	Malaysian Rail-Babbler	
<i>Kenopia striata</i> Blyth	Striped Wren-Babbler	
<i>Macronous gularis</i> Horsfield	Striped Tit-Babbler	
<i>Macronous ptilosus</i> Jardine & Selby	Fluffy-Backed Tit-Babbler	
<i>Malacocincla abbotii</i> Blyth	Abbott's Babbler	
<i>Malacocincla malaccense</i> Hartlaub	Short-Tailed Babbler	
<i>Malacocincla sepiarium</i> Horsfield	Horsfield's Babbler	
<i>Malacopteron affine</i> Blyth	Sooty-Caped Babbler	
<i>Malacopteron albogulare</i> Blyth	White-Throated Babbler	
<i>Malacopteron cinereum</i> Eyton	Scaly-Crowned Babbler	
<i>Malacopteron magnirostre</i> Moore	Moustached Babbler	
<i>Malacopteron magnum</i> Eyton	Rufous-Crowned Babbler	
<i>Napothera atrigularis</i> Bonaparte	Black-Throated Wren-Babbler	E
<i>Pellorneum capistratum</i> Temminck	Black-Capped Babbler	
<i>Pomatorhinus montanus</i> Horsfield	Chestnut-Backed Scimitar-Babbler	
<i>Ptilocichla leucogrammica</i> Bonaparte	Bornean Wren-Babbler	NT, E
<i>Stachyris erythropthera</i> Blyth	Chestnut-Winged Babbler	
<i>Stachyris leucotis</i> Strickland	White-Necked Babbler	
<i>Stachyris maculata</i> Temminck	Chestnut-Rumped Babbler	
<i>Stachyris nigriceps</i> Blyth	Grey-Throated Babbler	
<i>Stachyris nigricollis</i> Temminck	Black-Throated Babbler	
<i>Stachyris poliocephala</i> Temminck	Grey-Headed Babbler	
<i>Stachyris rufifrons</i> Hume	Rufous-Fronted Babbler	
<i>Trichastoma bicolor</i> Lesson	Ferruginous Babbler	NT
<i>Trichastoma pyrrogenys</i> Temminck	Temminck's Babbler	
<i>Trichastoma rostratum</i> Blyth	White-Chested Babbler	NT
<i>Yuhina everetti</i> Sharpe	Chestnut-Crested Yuhina	E
<i>Yuhina zantholeuca</i> Blyth	White-Bellied Yuhina	
<b>TURDIDAE</b>		
<i>Copsychus malabaricus</i> Scopoli	White-Rumped Shama	
<i>Copsychus saularis</i> Linnaeus	Magpie Robin	

Species	English Name	Status
<i>Enicurus leschenaulti</i> Vieillot	White-Crowned Forktail	
<i>Enicurus ruficapillus</i> Temminck	Chestnut-Naped Forktail	
<i>Trichixos pyrrhopygus</i> Lesson	Rufous-Tailed Shama	
<i>Zoothera interpres</i> Temminck	Chestnut-Capped Thrush	
<b>SYLVIIDAE</b>		
<i>Abroscopus superciliaris</i> Blyth	Yellow-Bellied Warbler	
<i>Gerygone sulphurea</i> Wallace	Flyeater	
<i>Orthotomus atrogularis</i> Temminck	Dark-Necked Tailorbird	
<i>Orthotomus cuculatus</i> Temminck	Mountain Tailorbird	
<i>Orthotomus sericeus</i> Temminck	Rufous-Tailed Tailorbird	
<i>Phylloscopus borealis</i> Blasius	Arctic Leaf-Warbler	M
<i>Prinia flaviventris</i> Delessert	Yellow-Bellied Prinia	
<b>MUSCICAPIDAE</b>		
<i>Culicicapa ceylonensis</i> Swainson	Grey-Headed Flycatcher	
<i>Cyornis banyumas</i> Horsfield	Hill-Blue-Flycatcher	
<i>Cyornis caerulatus</i> Bonaparte	Large-Billed Blue-Flycatcher	NT
<i>Cyornis concretus</i> S. Müller	Dark Blue Flycatcher	
<i>Cyornis rufigastra</i> Raffles	Mangrove Blue Flycatcher	
<i>Cyornis superbus</i> Stresemann	Bornean Blue-Flycatcher	E
<i>Cyornis turcosus</i> Brüggemann	Malaysian Blue-Flycatcher	NT
<i>Cyornis unicolor</i> Blyth	Pale-Blue-Flycatcher	
<i>Ficedula dumetoria</i> Wallace	Rufous-Chested Flycatcher	
<i>Ficedula mugimaki</i> Temminck	Mugimaki Flycatcher	M
<i>Ficedula westermanni</i> Sharpe	Little Pied Flycatcher	
<i>Hypothymis azurea</i> Boddaert	Black-Naped Monarch	
<i>Muscicapa dauurica</i> Pallas	Asian Brown Flycatcher	
<i>Muscicapa griseisticta</i> Swinhoe	Grey-Streaked Flycatcher	
<i>Muscicapella hodgsoni</i> Horsfield & Moore	Pygmy Blue-Flycatcher	
<i>Philentoma pyrrhopterum</i> Temminck	Rufous-Winged Philentoma	
<i>Philentoma velatum</i> Temminck	Maroon-Breasted Philentoma	
<i>Rhinomyias olivaceae</i> Hume	Fulvous-Chested Jungle Flycatcher	
<i>Rhinomyias ruficauda</i> Sharpe	Rufous-Tailed Jungle Flycatcher	
<i>Rhinomyias umbratilis</i> Strickland	Grey-Chested Flycatcher	
<i>Rhipidura albicollis</i> Vieillot	White-Throated Fantail	
<i>Rhipidura javanica</i> Sparrman	Pied Fantail	
<i>Rhipidura perlata</i> S. Müller	Spotted Fantail	
<i>Terpsiphone paradisi</i> Linnaeus	Asian Paradise Flycatcher	

Species	English Name	Status
<b>MOTACILLIDAE</b>		
<i>Motacilla cinerea</i> Tunstall	Grey Wagtail	M
<i>Motacilla flava</i> Linnaeus	Yellow Wagtail	
<b>STURNIDAE</b>		
<i>Gracula religiosa</i> Linnaeus	Hill Myna	
<b>NECTARINIIDAE</b>		
<i>Aethopyga siparaja</i> Raffles	Crimson Sunbird	
<i>Aethopyga temminckii</i> S. Müller	Scarlet Sunbird	
<i>Anthreptes malaccensis</i> Scopoli	Brown-Throated Sunbird	
<i>Anthreptes rhodolaema</i> Shelley	Red-Throated Sunbird	
<i>Anthreptes simplex</i> S. Müller	Plain Sunbird	
<i>Anthreptes singalensis</i> Gmelin	Ruby-Cheeked Sunbird	
<i>Arachnothera affinis</i> Horsfield	Grey-Breasted Spiderhunter	
<i>Arachnothera chrysogenys</i> Temminck	Yellow-Eared Spiderhunter	
<i>Arachnothera crassirostris</i> Reichenbach	Thick-Billed Spiderhunter	
<i>Arachnothera flavigaster</i> Eyton	Spectacled Spiderhunter	
<i>Arachnothera longirostra</i> Latham	Little Spiderhunter	
<i>Arachnothera robusta</i> Müller & Schlegel	Long-Billed Spiderhunter	
<i>Hypogramma hypogrammicum</i> Müller	Purple-naped Sunbird	
<b>DICAEIDAE</b>		
<i>Dicaeum chrysorrheum</i> Temminck & Laugier	Yellow-Vented Flowerpecker	
<i>Dicaeum concolor</i> Jerdon	Plain Flowerpecker	
<i>Dicaeum everetti</i> Sharpe	Brown-Backed Flowerpecker	NT
<i>Dicaeum trigonostigma</i> Scopoli	Orange-Bellied Flowerpecker	
<i>Prionochilus maculatus</i> Temminck	Yellow-Breasted Flowerpecker	
<i>Prionochilus percussus</i> Temminck	Crimson-Rumped Flowerpecker	
<i>Prionochilus thoracicus</i> Temminck	Scarlet-Breasted Flowerpecker	
<i>Prionochilus xanthopygius</i> Salvadori	Yellow-Rumped Flowerpecker	E
<b>PLOCEIDAE</b>		
<i>Lonchura fuscans</i> Cassin	Dusky Munia	E

### 3.6 SMALL MAMMALS AND OTHER SCANSORIAL MAMMALS RECORDED FROM VARIOUS HABITATS

Han Kwai Hin and Engkamat Lading

#### A. BATS

Scientific Name	Common Name	No. Recorded
<i>Balionycteris maculata</i> Thomas	spotted-wing fruit bat	3
<i>Cheiromeles torquatus</i> Horsfield	naked bat	4
<i>Cynopterus brachyotis</i> Muller	short-nosed fruit bat	44
<i>Glischropus tylopus</i> Dobson	thick-thumbed pipistrelle	20
<i>Hesperoptenus tomesi</i> Thomas	Tome's false serotine	1
<i>Macroglossus minimus</i> Geoffroy	long-tongued nectar bat	14
<i>Miniopterus magnater</i>	large bent-winged bat	2
<i>Myotis macrotarsus</i> Davies	pallide large-footed myotis	7
<i>Penthetor lucasii</i> Dobson	dusky fruit bat	8
<i>Pipistrellus javanius</i> Gray	Javan pipistrelle	1
<i>Pteropus vampyrus</i> Linnaeus	large flying fox	sighted
<i>Rhinolopus sedulus</i> Andersen	lesser woolly horseshoe bat	
<i>Rhinolopus trifolius</i> Temminck	trefoil horseshoe bat	
<i>Tadarida mops</i> de Blainville	free-tailed bat	6
<i>Tadarida plicata</i> Buchannan	wrinkle-lipped bat	26

#### B. SCANSORIAL MAMMALS OTHER THAN BATS AND NON-VOLANT SMALL MAMMALS

Scientific Name	Common Name	No. Recorded
<i>Aonyx cinerea</i> Illiger	small-clawed otter	1
<i>Cervus unicolor</i> Kerr	sambar deer	
<i>Hemigalus derbyanus</i> Gray	banded palm civet	2
<i>Herpestes brachyurus</i> Gray	short-tailed mongoose	3
<i>Manis javanica</i> Desmarest	pangolin	
<i>Marten flavigula</i> Boddaert	yellow-throated marten	
<i>Muntiacus muntjac</i> Zimmermann	common barking deer	1
<i>Petionomys genibarbis</i> Horsfield	whiskered flying squirrel	
<i>Tarsius bancanus</i> Horsfield	Western tarsier	
<i>Tragulus javanicus</i> Osbeck	lesser mouse-deer	
<i>Viverra zangalunga</i> Gray	tangalung	1

## C. NON-VOLANT SMALL MAMMALS

Scientific Name	Common Name	No. Recorded
<i>Callosciurus notatus</i> Boddaert	plantain squirrel	5
<i>Callosciurus orestes</i> Thomas (= <i>C. nigrovittatus</i> Horsfield)	Bornean black-banded squirrel	
<i>Callosciurus prevostii</i> Desmarest	Prevost's squirrel	1
<i>Echinosorex gymnurus</i> Raffles	moon-rat	
<i>Exilisciurus exilis</i> Muller	plain pygmy squirrel	sighted
<i>Exilisciurus whiteheadi</i> Thomas	Whitehead's pygmy squirrel	1
<i>Hystrix brachyura</i> Linnaeus	common porcupine	4
<i>Lariscus insignis</i> F. Cuvier	three-striped ground squirrel	
<i>Leopoldamys sabanus</i> Thomas	long-tailed giant rat	9
<i>Maxomys ochraceiventer</i> Thomas	chestnut bellied spiny rat	1
<i>Maxomys rajah</i> Thomas	brown spiny rat	8
<i>Maxomys surifer</i> Miller	red spiny rat	10
<i>Maxomys whiteheadi</i> Thomas	Whitehead's rat	7
<i>Nannosciurus melanotis</i> Muller	black-eared pygmy squirrel	1
<i>Niviventer cremoriventer</i> Miller	dark-tailed tree rat	1
<i>Niviventer rapit</i> Bonhote	long-tailed mountain rat	3
<i>Ptilocercus lowii</i> Gray	pentail tree shrew	
<i>Rattus exulans</i> Peale	Polynesian rat	1
<i>Rattus rattus</i> Linnaeus	house rat	released
<i>Ratufa affinis</i> Raffles	giant squirrel	sighted
<i>Rheithrosciurus macrotis</i> Gray	tufted ground squirrel	sighted
<i>Sundamys muelleri</i> (Muller ?)	Muller's rat	8
<i>Sundasciurus hippurus</i> Geoffroy	horse-tailed squirrel	1
<i>Sundasciurus lowii</i> Thomas	Low's squirrel	sighted
<i>Sundasciurus tenuis</i> Horsfield	slender squirrel	
<i>Thecurus crassispinis</i> Gunther	thick-spined porcupine	1
<i>Trichys fasciculata</i> Jentink	long-tailed porcupine	7
<i>Tupaia dorsalis</i> Schlegel	striped tree shrew	2
<i>Tupaia glis</i> Diard	common tree shrew	7
<i>Tupaia gracilis</i> Thomas	slender tree shrew	3
<i>Tupaia</i> sp.	Unknown tree shrew	3
<i>Tupaia tana</i> Raffles	large tree shrew	3



### 3.7 A LIST OF PLANT SPECIES CONSUMED OR VISITED BY SMALL MAMMALS

Han Kwai Hin and Engkamat Lading

	Family	Species	Iban Name
1.	Alangiaceae	<i>Alangium</i> sp.	Midong
2.	Anacardiaceae	<i>Gluta</i> sp.	Rengas
3.	Anacardiaceae	<i>Swintonia acuta</i> Engl.	Pitoh
4.	Annonaceae	<i>Alphonsea johorensis</i> J. Sincl.	Semukau
5.	Annonaceae	<i>Mezzettia leptopoda</i> (Hook. f. et Th.) Oliv.	Kepayang babi
6.	Apocynaceae	<i>Willughbeia sarawakensis</i> (Pierre) K. Schum.	Tabau
7.	Bombacaceae	<i>Durio kutejensis</i> (Hassk.) Becc.	Pakan
8.	Bombacaceae	<i>Durio zibethinus</i> Murray	Durian
9.	Burseraceae	<i>Dacryodes rostrata</i> (Bl.) H. J. Lam	Kemayau
10.	Celastraceae	<i>Bhesa paniculata</i> Arn.	Simun
11.	Celastraceae	<i>Kokoona</i> sp.	Bajan
12.	Clusiaceae	<i>Calophyllum</i> sp.	Bintangor
13.	Clusiaceae	<i>Garcinia mangostana</i> L.	Sikop
14.	Clusiaceae	<i>Garcinia parvifolia</i> (Miq.) Miq.	Kundong
15.	Clusiaceae	<i>Garcinia</i> sp.	Kandis
16.	Clusiaceae	<i>Mesua collinum</i> P. F. Stevens	Mergasing
17.	Dilleniaceae	<i>Dillenia excelsa</i> (Jack) Gilg.	Beringin
18.	Dilleniaceae	<i>Dillenia suffruticosa</i> (Griff.) Martelli	Buan
19.	Dipterocarpaceae	<i>Dipterocarpus oblongifolius</i> Bl.	Ensurai
20.	Dipterocarpaceae	<i>Hopea</i> sp.	Luis
21.	Dipterocarpaceae	<i>Shorea domatiosa</i> Ashton	Tekam
22.	Dipterocarpaceae	<i>Shorea</i> sp.	Meranti langai
23.	Dipterocarpaceae	<i>Shorea</i> sp.	Engkabang
24.	Ebenaceae	<i>Diospyros</i> sp.	Kayu malam
25.	Euphorbiaceae	<i>Antidesma</i> sp.	Berenai
26.	Euphorbiaceae	<i>Aporosa aurea</i> Hook. f.	Janggau
27.	Euphorbiaceae	<i>Baccaurea hookeri</i> Gage	Jelentik
28.	Euphorbiaceae	<i>Baccaurea macrocarpa</i> (Miq.) Muell.-Arg.	Puak
29.	Euphorbiaceae	<i>Baccaurea pyriformis</i> Gage	Pekang
30.	Euphorbiaceae	<i>Baccaurea</i> sp.	Sintak nyabor
31.	Euphorbiaceae	<i>Blumeodendron kurzii</i> (Hook. f.) J. J. Sm.	Lemak manok
32.	Euphorbiaceae	<i>Cleistanthus</i> sp.	Pala beriak
33.	Euphorbiaceae	<i>Elateriospermum tapos</i> Bl.	Kelampai
34.	Euphorbiaceae	<i>Macaranga</i> sp.	Purang
35.	Euphorbiaceae	<i>Omphalea bracteata</i> (Blanco) Merr.	Entupak
36.	Euphorbiaceae	<i>Trigonopleura malayana</i> Hook. f.	Sedi kayu

	Family	Species	Iban Name
37.	Fagaceae	<i>Castanopsis foxworthyi</i> Schottky	Berangan
38.	Fagaceae	<i>Lithocarpus</i> sp.	Empili
39.	Gnetaceae	<i>Gnetum klossii</i> Merr.	Akar dundun
40.	Gonystylaceae	<i>Gonystylus</i> sp.	Ramin bukit
41.	Leguminosae	<i>Dialium indum</i> L.	KerANJI
42.	Leguminosae	<i>Koompassia malaccensis</i> Maingay ex Benth.	Menggris
43.	Leguminosae	<i>Parkia speciosa</i> Hassk.	Petai
44.	Leguminosae	<i>Parkia javanica</i> (Lam.) Merr.	Petai
45.	Melastomataceae	<i>Memecylon</i> sp.	Nipis kulit
46.	Meliaceae	<i>Lansium domesticum</i> Jack	Langsat
47.	Meliaceae	<i>Algaia</i> sp.	Segera
48.	Meliaceae	<i>Dysoxylum</i> sp.	Segera
49.	Meliaceae	<i>Sandoricum borneense</i> Miq.	Kelampu ai
50.	Moraceae	<i>Artocarpus anisophyllus</i> Miq.	Bintawak
51.	Moraceae	<i>Artocarpus dadah</i> Miq.	Dadak
52.	Moraceae	<i>Artocarpus integer</i> (Thunb.) Merr.	Cempedak
53.	Moraceae	<i>Artocarpus kemando</i> Miq.	Pala musoh
54.	Moraceae	<i>Artocarpus nitidus</i> Trec.	Selanking
55.	Moraceae	<i>Artocarpus odoratissimus</i> Blanco	Terap
56.	Moraceae	<i>Artocarpus rigidus</i> Bl.	Pala tupai
57.	Moraceae	<i>Artocarpus sarawakensis</i> Jarrett	Pingan
58.	Moraceae	<i>Ficus</i> sp.	Kara
59.	Musaceae	<i>Musa</i> sp.	Pisang hutan
60.	Myristicaceae	unidentified	Kumpang
61.	Myrtaceae	<i>Eugenia malaccensis</i> L.	Jambu
62.	Myrtaceae	<i>Eugenia</i> sp.	Ubah
63.	Oleaceae	<i>Ochanostachys amentacea</i> Mast.	Sentikal
64.	Rubiaceae	<i>Canthium</i> cf. <i>confertum</i> Korth.	Tulang ular
65.	Rubiaceae	<i>Porterandia anisophylla</i> (Jack ex Roxb) Ridl.	Mulong udok
66.	Rutaceae	<i>Tetractomia latifolia</i> Ridl.	Rawang
67.	Sapindaceae	<i>Nephelium mutabile</i> Bl.	Mak
68.	Sapindaceae	<i>Nephelium</i> sp.	Sibau
69.	Sapindaceae	<i>Xerospermum noronhianum</i> Bl.	Pudun
70.	Sapotaceae	<i>Palaquium</i> sp.	Nyatoh
71.	Tiliaceae	<i>Grewia</i> sp.	Bunsi
72.	Zingiberaceae	<i>Etilingera elatior</i> Jack	Kacala
73.	Zingiberaceae	<i>Etilingera littoralis</i> (Konig) Giseke Prael.	Senggang
74.	Zingiberaceae	<i>Etilingera punicea</i> (Roxb.) RM Smith.	Tepus rani
75.	Zingiberaceae	<i>Plagiostachys crocydocalyx</i> (K. Schum) Burt. & Smith.	Banjang

### 3.8 PRIMATE POPULATION ESTIMATES IN DIFFERENT REGIONS OF THE SANCTUARY

Raleigh A. Blough and Francis Gombek

Primate	Region	Area of region (sq. km)	Total number of individuals		
			Estimate	95% Conf. Interval	
Orangutan <i>Pongo pygmaeus</i> Linnaeus	South	360	624	223	1025
	Central	810	251	21	48
	North	700	149	-	-
	<b>TOTAL</b>		<b>1024</b>		
Bornean gibbon <i>Hylobates muelleri</i> Martin	South	360	11310	9425	13184
	Central	810	12938	11079	14794
	North	700	343	-	-
	<b>TOTAL</b>		<b>24591</b>		
White fronted langur <i>Presbytis frontata</i> Muller	South	360	3198	2246	4150
	Central	810	6640	3742	9539
	North	700	3562	880	6245
	<b>TOTAL</b>		<b>13400</b>	<b>6868</b>	<b>19933</b>
Red langur <i>Presbytis rubicunda</i> Muller	South	360	7761	5949	9578
	Central	810	16896	13715	20102
	North	700	3759	1101	6416
	<b>TOTAL</b>		<b>28416</b>	<b>20765</b>	<b>36096</b>
Long-tailed macaque <i>Macaca fascicularis</i> Raffles	South	360	52	-	-
	Central	810	1001	0	1899
	North	700	2276	0	6269
	<b>TOTAL</b>		<b>3329</b>		
Pig-tailed macaque <i>Macaca nemestrina</i> Linnaeus	South	360	1990	669	3311
	Central	810	1248	464	2032
	North	700	2696	-	-
	<b>TOTAL</b>		<b>5934</b>		

### 3.9 DENSITY OF TREES PRODUCING FRUIT AND MAST EATEN BY ORANGUTAN (TREES PER HECTARE)

Raleigh A. Blough and Francis Gombek

**Note:**

- \*: Indicates genera most important to orangutan for fruit and mast production

Family/Genus	Central	South
	Pantu/Tebellian/Latong	Mabau/Lelap/Batang Ai
<b>ALANGIACEAE</b> <i>Alangium</i> sp.	0.0	1.8
<b>ANACARDIACEAE</b> <i>Dracontomelon</i> sp. <i>Mangifera</i> sp. <i>Pentaspadon</i> sp.	0.0 0.5 0.0	0.2 0.1 0.1
<b>APOCYNACEAE</b> <i>Willughbeia</i> sp.	0.3	0.4
<b>AQUIFOLIACEAE</b> <i>Ilex</i> sp.	0.0	0.5
<b>BOMBACACEAE</b> <i>Durio</i> sp.*	2.5	0.6
<b>BURSERACEAE</b> <i>Dacryodes</i> sp.	7.2	2.9
<b>CLUSIACEAE</b> <i>Garcinia</i> sp.*	3.0	22.7
<b>ELAEOCARPACEAE</b> <i>Elaeocarpus</i> sp.	0.1	0.7
<b>EUPHORBIACEAE</b> <i>Baccaurea</i> sp.* <i>Elateriospermum</i> sp. <i>Pimelodendron</i> sp. <i>Ptychopyxis</i> sp.	9.4 0.0 0.0 0.2	5.3 1.9 0.2 0.2
<b>FAGACEAE</b> <i>Castanopsis</i> sp.* <i>Lithocarpus</i> sp.*	3.6 18.6	13.0 37.2
<b>LAURACEAE</b> <i>Litsea</i> sp.	0.1	8.0

Family/Genus	Central	South
	Pantu/Tebellian/Latong	Mabau/Lelap/Batang Ai
<b>LEGUMINOSAE</b>		
<i>Dialium</i> sp.	1.5	4.9
<i>Parkia</i> sp.	0.6	0.5
<i>Pithecellobium</i> sp.	0.0	0.6
<b>MELIACEAE</b>		
<i>Aglaia</i> sp.	0.0	0.3
<i>Amoora</i> sp.	0.0	0.8
<i>Sandoricum</i> sp.	0.9	0.9
<b>MORACEAE</b>		
<i>Artocarpus</i> sp.*	21.4	12.1
<i>Ficus</i> sp.*	2.7	3.1
<i>Parartocarpus</i> sp.	0.0	0.1
<b>MYRISTICACEAE</b>		
<i>Horsfieldia</i> sp.	0.0	0.2
<b>MYRTACEAE</b>		
<i>Eugenia</i> sp.	9.8	15.3
<b>OLACACEAE</b>		
<i>Scorodocarpus</i> sp.	0.0	0.1
<b>POLYGALACEAE</b>		
<i>Xanthophyllum</i> sp.	1.6	1.5
<b>ROSACEAE</b>		
<i>Prunus</i> sp.	0.0	1.5
<b>SAPINDACEAE</b>		
<i>Arytera</i> sp.	0.0	0.3
<i>Dimocarpus</i> sp.	0.4	0.0
<i>Nephelium</i> sp.*	11.9	13.4
<i>Pometia</i> sp.	0.1	0.5
<i>Xerospermum</i> sp.	1.3	2.2
<b>STERCULIACEAE</b>		
<i>Scaphium</i> sp.	3.6	2.2
<b>THYMELAEACEAE</b>		
<i>Gonystylus</i> sp.	0.0	0.1

Family/Genus	Central	South
	Pantu/Tebellian/Latong	Mabau/Lelap/Batang Ai
<b>TILIACEAE</b>		
<i>Grewia</i> sp.	0.1	0.4
<b>TOTAL</b>	<b>100.7</b>	<b>159.1</b>



## **4.0 ETHNOBOTANY**





## 4.1 A LIST OF WILD VEGETABLES

Paul P. K. Chai, Julaihi Abdullah and Rantai Jawa

Scientific Name	Vernacular Name	Part used	Habit
<b>AGAVACEAE</b> <i>Dracaena gracilis</i> Wall.	Sabong kura	Young leaves	Herb
<b>ANACARDIACEAE</b> <i>Mangifera pajang</i> Kosterm.	Mawang/ embang	Young leaves, fruits	Tree
<i>Swintonia acuta</i> Engl.	Pitoh ai	Young leaves	Tree
<b>ARACEAE</b> <i>Colocasia esculenta</i> (L.) Schott. <i>Scindapsus perakensis</i> Hook. f.	Keladi Akar gemalong	Tubers, leaves Young leaves	Herb Climber
<b>ASPLENIACEAE</b> <i>Asplenium nidus</i> Linn.	Rajang	Young leaves	Fern
<b>ATHYRIACEAE</b> <i>Diplazium (Athryium) esculentum</i> (Retz.) Copel.	Paku kerjaie	Young leaves	Fern
<b>BEGONIACEAE</b> <i>Begonia</i> spp.	Riang	Young leaves	Herb
<b>BLECHNACEAE</b> <i>Blechnum orientale</i> Linn.	Paku kelindang	Young leaves	Fern
<i>Stenochlaena palustris</i> Bedd.	Midin	Young leaves	Fern
<b>CELASTRACEAE</b> <i>Lophopetalum</i> sp. 1	Kerupok/ perupok	Young leaves	Tree
<b>CLUSIACEAE</b> <i>Garcinia</i> spp.	Kandis	Young leaves	Tree
<b>CONVOLVULACEAE</b> <i>Ipomoea gracilis</i> R. Br.	Akar kemibit	Young leaves	Creepers

Scientific Name	Vernacular Name	Part used	Habit
<b>CYATHEACEAE</b> <i>Cyathea polypoda</i> Baker	Paku mungut	Young leaves	Fern
<b>DENNSTAEDTIACEAE</b> <i>Pteridium aquilinum</i> Linn.	Paku bedegak/ resam	Young leaves	Fern
<b>DILLENIACEAE</b> <i>Dillenia suffruticosa</i> (Griff.) Mart.	Buan	Young leaves	Shrub
<b>DISCOREACEAE</b> <i>Dioscorea alata</i> Linn.	Ubi randau	Tuber	Climber
<b>DRYOPTERIDACEAE</b> <i>Cyclopeltis presliana</i> (J. Sm.) Berkeley	Paku ikan	Young leaves	Fern
<b>ELAEOCARPACEAE</b> <i>Elaeocarpus glaber</i> Bl.	Pabom	Young leaves	Tree
<b>EUPHORBIACEAE</b> <i>Claoxylon longifolium</i> (Bl.) Engl. ex Hassk. <i>Elateriospermum tapos</i> Bl. <i>Manihot esculenta</i> Crantz. <i>Trigonopleura malayana</i> Hook. f. Unidentified	Sepang/ kese pang Perah/ kelampai Empasak Kayu sedi Mendai	Young leaves Young leaves, fruits Young leaves Young leaves Young leaves	Tree Tree Shrub Tree Tree
<b>GNETACEAE</b> <i>Gnetum gnemon</i> L. <i>Gnetum raya</i> Mgf.	Sabong Tengang	Young leaves & shoots, fruits Young leaves	Climber Climber
<b>LAURACEAE</b> <i>Litsea garciae</i> Vidal	Engkala	Young leaves, fruits	Tree
<b>LEGUMINOSAE</b> <i>Derris malaccensis</i> (Benth) Planch. <i>Parkia speciosa</i> Hassk. <i>Saraca declinata</i> (Jack) Miq.	Tubai padi Petai Babai ai	Young leaves Beans Young leaves, fruits	Climber Tree Tree

Scientific Name	Vernacular Name	Part used	Habit
<i>Spatholobus ferrugineus</i> (Zoll. & Morr.) Benth.	Akar kemedu	Young leaves	Climber
<b>MORACEAE</b>			
<i>Artocarpus nitidus</i> Trec.	Selanking	Young leaves	Tree
<i>Ficus grossularioides</i> Burm. f.	Lengkan	Young leaves, fruits	Tree
<i>Ficus stolonifera</i> King	Entimau	Young leaves, fruits	Tree
<i>Ficus</i> sp.	Ros/keros	Young leaves	Tree
<b>MUSACEAE</b>			
<i>Musa acuminata</i> var. <i>microcarpa</i> (Becc.) Chess.	Lingki	Young pseudostem	Wild banana
<i>Musa</i> sp. 1	Gritum	Young pseudostem, flower buds	Wild banana
<i>Musa</i> sp. 2	Pisang	Young pseudostem	Wild banana
<i>Musa</i> sp. 3	Enteranjok	Young pseudostem	Wild banana
<i>Musa</i> sp. 4	Ranjuwai	Young pseudostem	Wild banana
<b>MYRSINACEAE</b>			
<i>Embelia ribes</i> Burm. f.	Akar kecham	Young leaves	Climber
<b>MYRTACEAE</b>			
<i>Eugenia polyantha</i> Wight	Bungkang	Young leaves	Tree
<b>NEPHROLEPIDACEAE</b>			
<i>Nephrolepis biserrata</i> (Sw.) Schott.	Paku kubok/ paku uban	Young leaves	Fern
<b>OLACACEAE</b>			
<i>Scorodocarpus borneensis</i> Becc.	Kesindu/ bawang hutan	Young leaves, fruits	Tree
<b>OPHIOGLOSSACEAE</b>			
<i>Helminthostachys zeylanica</i> Hook.	Paku tunjuk langit/paku manis	Young leaves	Fern
<b>PALMAE</b>			
<i>Arenga brevipes</i> Becc.	Aping	Cabbage	Palm
<i>Arenga undulatifolia</i> Becc.	Bo'	Cabbage	Palm

Scientific Name	Vernacular Name	Part used	Habit
<i>Calamus acanthochlamys</i> J. Dransf.	Wi tulang	Young shoots	
<i>Calamus aff. axillaris</i> Becc.	Wi tulang	Undeveloped leaves and meristem	Climber
<i>Calamus bacularis</i> Becc.	Wi tulang	Young shoots	Climber
<i>Calamus conirostris</i> Becc.	Wi jernang	Undeveloped leaves and meristem	Climber
<i>Calamus convallium</i> J. Dransf.	Wi seru	Undeveloped leaves and meristem	Climber
<i>Calamus erinaceus</i> (Becc.) J. Dransf.	Wi tibu	Young shoots	Climber
<i>Calamus flabellatus</i> Becc.	Wi takong	Undeveloped leaves and meristem	Climber
<i>Calamus marginatus</i> (Bl.) Mart.	Wi matahari	Undeveloped leaves and meristem	Climber
<i>Calamus myriacanthus</i> Becc.	Wi tulang		Climber
<i>Calamus optimus</i> Becc.	Wi sega	Undeveloped leaves and meristem	Climber
<i>Calamus ornatus</i> Bl.	Wi jelayan	Cabbage, fruits	Climber
<i>Calamus paspalanthus</i> Becc.	Wi tingkow	Undeveloped leaves and meristem	Climber
<i>Calamus pseudoulur</i> Becc.	Rotan lembah	Undeveloped leaves and meristem	Climber
<i>Calamus scipionum</i> Lour.	Wi marau/ semambu	Undeveloped leaves and meristem	Climber
<i>Calamus semoi</i> Becc.	Wi tut	Undeveloped leaves and meristem	Climber
<i>Calamus</i> sp. 1	Wi lia	Undeveloped leaves and meristem	Climber
<i>Calamus</i> sp. 2	Wi angsang keli	Undeveloped leaves and meristem	Climber

Scientific Name	Vernacular Name	Part used	Habit
<i>Calamus</i> sp. 3	Wi bukop	Undeveloped leaves and meristem	Climber
<i>Calamus</i> sp. 4	Wi kelakup	Undeveloped leaves and meristem	Climber
<i>Caryota mitis</i> Lour.	Mudor	Cabbage	Palm
<i>Ceratolobus subangulatus</i> (Miq.) Becc.	Wi janggut	Undeveloped leaves and meristem	Climber
<i>Daemonorops fissa</i> Bl.	Wi rua ai	Undeveloped leaves and meristem	Climber
<i>Daemonorops ingens</i> J. Dransf.	Wi darum	Undeveloped leaves and meristem	Climber
<i>Daemonorops microstachys</i> Becc.	Wi empunok	Undeveloped leaves and meristem	Climber
<i>Daemonorops oxycarpa</i> Becc.	Wi tunggal	Undeveloped leaves and meristem	Climber
<i>Daemonorops periacantha</i> Miq.	Wi empunok	Undeveloped leaves and meristem	Climber
<i>Daemonorops</i> sp. 1	Wi tekoyong	Undeveloped leaves and meristem	Climber
<i>Daemonorops</i> sp. 2	Wi terong	Undeveloped leaves and meristem	Climber
<i>Daemonorops</i> spp.	Wi duduk	Undeveloped leaves and meristem	Climber
<i>Daemonorops</i> spp.	Wi empunok	Undeveloped leaves and meristem	Climber
<i>Elaeis guineensis</i> Jacq.	Kelapa sawit	Cabbage	Oil palm
<i>Eugeissona utilis</i> Becc.	Pantu	Cabbage	Palm
<i>Iguanura curvata</i> Kiew.	Tudong-pelandok	Undeveloped leaves and meristem	Palm
<i>Korthalsia jala</i> J. Dransf.	Wi danan	Undeveloped leaves and meristem	Climber

Scientific Name	Vernacular Name	Part used	Habit
<i>Korthalsia</i> sp.	Wi semut	Undeveloped leaves and meristem	Climber
<i>Licuala</i> spp.	Geranis	Undeveloped leaves and meristem	Palm
<i>Oncosperma horrida</i> Scheff.	Nibong	Cabbage, fruits	Palm
<i>Pinanga crassipes</i> Becc.	Pinang mureng	Cabbage	Palm
<i>Plectocomiopsis geminiflora</i> (Griff.) Becc.	Wi laris/lalih	Undeveloped leaves and meristem	Climber
<i>Salacca affinis</i> Griff.	Ridan	Cabbage, fruits	Palm
<i>Salacca vermicularis</i> Becc.	Lemayong	Cabbage, fruits	Palm
<b>PASSIFLORACEAE</b>			
<b>RUBIACEAE</b>			
<i>Uncaria gambir</i> Roxb.	Akar kelait/ gambir	Young leaves	Climber
<b>SAURAUACEAE</b>			
<i>Saurauia subcordata</i> Korth.	Migol/igol- igol	Young leaves	Treelet
<b>SMILACACEAE</b>			
<i>Smilax borneensis</i> A. Dc.	Kuntum merudang	Young shoot	Climber
<i>Smilax odoratissima</i> Bl.	Randau merudang	Young shoots	Climber
<b>STERCULIACEAE</b>			
<i>Pangium edule</i> Reinw. ex Bl.	Kepayang	Young leaves, fruits	Tree
<b>THEACEAE</b>			
<i>Ploiarium alternifolium</i> (Vahl) Melch.	Jinggau	Young leaves	Tree
<b>URTICACEAE</b>			
<i>Poikilospermum cordifolium</i> (Barg. - Petr.) Merr.	Entaban	Young leaves	Epiphyte
<i>Poikilospermum</i> sp. 1	Entaban	Young leaves	Epiphyte

Scientific Name	Vernacular Name	Part used	Habit
<b>VIOLACEAE</b>			
<i>Rinorea anguifera</i> (Lour.) O. K.	Siku ensluai	Young leaves	Treelit
<b>ZINGIBERACEAE</b>			
<i>Etilingera elatior</i> (Jack) R. M. Smith	Kecala	Undeveloped leaves, meristem & fruits	Herb
<i>Etilingera fimbriobracteata</i> (K. Sch.) RM Smith	Tepus	Young pseudostem, fruits	Herb
<i>Etilingera littoralis</i> (Koenig) Giseke	Senggang	Young pseudostem	Herb
<i>Etilingera punicea</i> (Roxb) RM Smith.	Lelama, kecala	Young pseudostem	Herb
<i>Hornstedtia havilandii</i> K. Schum.	Panyun	Undeveloped leaves, meristem & fruits	Herb
<i>Hornstedtia reticulata</i> (K. Schum.) K. Schum.	Senggang	Undeveloped leaves, meristem & fruits	Herb
<i>Plagiostachys</i> sp.	Batak	Undeveloped leaves and meristem	Herb
<i>Plagiostachys strobilifera</i> (Bak.) Ridl.	Banjang	Undeveloped leaves and meristem	Herb



## 4.2 A LIST OF WILD FRUITS

Paul P. K. Chai, Julaihi Abdullah and Rantai Jawa

Scientific Name	Vernacular Name	Habit
<b>ALANGIACEAE</b>		
<i>Alangium</i> sp.	Midong	Tree
<b>ANACARDIACEAE</b>		
<i>Mangifera caesia</i> Jack	Binjai	Tree
<i>Mangifera foetida</i> Lour.	Kemantan	Tree
<i>Mangifera indica</i> L.	Emplam	Tree
<i>Mangifera laurina</i> Bl.	Mempelam	Tree
<i>Mangifera pajang</i> Kosterm.	Asam embang	Tree
<i>Mangifera</i> spp.	Raba	Tree
<i>Pentaspadon motleyi</i> Hook. f.	Pelajau	Tree
<b>APOCYNACEAE</b>		
<i>Willughbeia sarawakensis</i> (Pierre) K. Schum.	Tabau/kubal	Climber
<i>Willughbeia</i> spp.	Akar kubal	Climber
<b>BOMBACACEAE</b>		
<i>Durio graveolens</i> Becc.	Isu/tutong	Tree
<i>Durio kutejensis</i> (Hassk.) Becc.	Rian isu	Tree
<i>Durio oblongus</i> Mast.	Nyekak	Tree
<i>Durio zibethinus</i> Murray	Rian/durian nika	Tree
<i>Durio</i> sp. 1	Tai anak	Tree
<b>BURSERACEAE</b>		
<i>Canarium caudatum</i> King	Merambang	Tree
<i>Canarium denticulatum</i> Blume	Unggit	Tree
<i>Canarium odontophyllum</i> Miq.	Dabai	Tree
<i>Dacryodes rostrata</i> (Bl.) H. J. Lam	Engkeramoh/ kemayau/langain	Tree
<b>CLUSIACEAE</b>		
<i>Calophyllum soulattri</i> Burm.	Bangkit	Tree
<i>Garcinia bancana</i> Miq.	Sikop benkang	Tree
<i>Garcinia beccarii</i> Pierre	Kendong	Tree
<i>Garcinia caudiculata</i> Ridl.	Bunau	Tree
<i>Garcinia forbesii</i> King	Kundong	Tree
<i>Garcinia mangostana</i> L.	Manggis	Tree
<i>Garcinia</i> spp.	Kandis	Tree

Scientific Name	Vernacular Name	Habit
<b>DIPTEROCARPACEAE</b>		
<i>Dipterocarpus apterus</i> Foxw.	Ran, keruing letik	Tree
<i>Dipterocarpus oblongifolius</i> Bl.	Ensurai	Tree
<i>Shorea faguetioides</i>	Barek	Tree
<i>Shorea</i> sp.	Pelapok	Tree
<b>ELAEOCARPACEAE</b>		
<i>Elaeocarpus floribundus</i> Bl.	Maboh	Tree
<i>Elaeocarpus glaber</i> Bl.	Pabom	Tree
<i>Elaeocarpus griffithii</i> (Wight) A. Gray	Perdu/empedu	Tree
<i>Elaeocarpus nitidus</i> Jack	Pabom	Tree
<i>Elaeocarpus sphaeroblastus</i> Ridley	Tamang	Tree
<i>Elaeocarpus stipularis</i> Bl.	Pensi	Tree
<i>Elaeocarpus</i> spp.	Empedu	Tree
<b>EUPHORBIACEAE</b>		
<i>Baccaurea angulata</i> Merr.	Ucong	Tree
<i>Baccaurea costulata</i> Muell. Arg.	Telo kejira	Tree
<i>Baccaurea edulis</i> Merr.	Penyal nyumboh	Tree
<i>Baccaurea hookeri</i> Gage	Jelantik	Tree
<i>Baccaurea lanceolata</i> (Miq.) Muell. Arg.	Lempaong	Tree
<i>Baccaurea latifolia</i> King ex Hook. f.	Pekang	Tree
<i>Baccaurea macrocarpa</i> (Muell. Arg.) Muell. Arg.	Puak	Tree
<i>Baccaurea macrophylla</i> (Muell. Arg.) Muell. Arg.	Tampo	Tree
<i>Baccaurea minor</i> Hook. f.	Sintak nyabor	Tree
<i>Baccaurea motleyana</i> Muell. Arg.	Rambai	Tree
<i>Baccaurea polyneura</i> Hk. f.	Jelintik	Tree
<i>Baccaurea pyriformis</i> Gage	Pekang/telor engjirak	Tree
<i>Ptychopyxis grandis</i> Airy Shaw	Bedulang	Tree
<b>FAGACEAE</b>		
<i>Castanopsis clemensii</i> Soepadmo	Berangan bu'	Tree
<i>Castanopsis oviformis</i> Soepadmo	Berangan pipit	Tree
<i>Castanopsis psilophylla</i> Soepadmo	Berangan entadu	Tree
<i>Castanopsis</i> sp. 1	Berangan kukut	Tree
<i>Castanopsis</i> sp. 2	Berangan	Tree
<i>Lithocarpus</i> sp.	Nangkuk	Tree
<b>FLACOURTIACEAE</b>		
<i>Flacourtia rukam</i> Zoll et Mor.	Rukam	Tree
<i>Pangium edule</i> Reinw. ex Bl.	Kepayang	Tree

Scientific Name	Vernacular Name	Habit
<b>GNETACEAE</b>		
<i>Gnetum gnemon</i> Linn.	Sabong	Climber
<i>Gnetum raya</i> Mgf.	Tengang	Climber
<b>LAURACEAE</b>		
<i>Litsea graciae</i> Vidal	Engkala	Tree
<b>LEGUMINOSAE</b>		
<i>Dialium indum</i> Linn.	Keranji	Tree
<i>Dialium kunstleri</i> Prain var. <i>kunstleri</i>	Keranji	Tree
<i>Dialium laurinum</i> Baker	Keranji	Tree
<i>Dialium maingayi</i> Baker	Keranji	Tree
<i>Dialium patens</i> Baker	Keranji	Tree
<i>Dialium platysepalum</i> Baker	Keranji	Tree
<i>Dialium procerum</i> Steenis	Keranji	Tree
<i>Dialium triste</i> De Wit	Keranji	Tree
<i>Dialium</i> spp.	Keranji	Tree
<i>Parkia javanica</i> (Lamk.) Merr.	Petai	Tree
<i>Saraca declinata</i> (Jack) Miq.	Babai ai	Tree
<i>Whitfordiodendron nieuwenhuisii</i> (J. J. Sm.) Dunn.	Akar belum	Climber
<b>MELASTOMATACEAE</b>		
<i>Dissochaeta rubiginosa</i> Stapf. ex descript	Randau kemunting burong	Climber
<i>Melastoma malabathricum</i> Linn.	Kemunting	Shrublet
<i>Pternandra</i> sp.	Puloh/Pulu	Tree
<b>MELIACEAE</b>		
<i>Lansium domesticum</i> Correa	Langsat	Tree
<i>Sandoricum borneense</i> Miq.	Kelampu ai	Tree
<b>MORACEAE</b>		
<i>Artocarpus anisophyllus</i> Miq.	Bintawak	Tree
<i>Artocarpus altilis</i> (Parkinson) Fosberg	Pulor	Tree
<i>Artocarpus dadah</i> Miq.	Dadah	Tree
<i>Artocarpus elasticus</i> Reinw. ex Bl.	Tekalong	Tree
<i>Artocarpus heterophyllus</i> Lamk.	Nangka	Tree
<i>Artocarpus integer</i> (Thunb.) Merr.	Cempedak	Tree
<i>Artocarpus kemando</i> Miq.	Pudau	Tree
<i>Artocarpus nitidus</i> Trec.	Selangking/pala tupai	Tree
<i>Artocarpus obtusus</i> Jarrett	Pala tupai	Tree
<i>Artocarpus odoratissimus</i> Blanco	Pingan/lumok	Tree

Scientific Name	Vernacular Name	Habit
<i>Artocarpus peltatus</i> Merr.	Dadak	Tree
<i>Artocarpus rigidus</i> Bl.	Pala musoh	Tree
<i>Artocarpus sarawakensis</i> Jarrett	Pingan	Tree
<i>Artocarpus sericicarpus</i> Jarrett	Pedalai	Tree
<i>Artocarpus tamaran</i> Becc.	Kakang	Tree
<i>Ficus cereicarpa</i> Corner	Sampadai	Tree
<i>Ficus grossularioides</i> Burm. f.	Lengkan	Tree
<i>Ficus stolonifera</i> King	Jengkong/entimau	Tree
<i>Ficus uncinata</i> Becc.	Entimau	Tree
<b>MUSACEAE</b>		
<i>Musa acuminata</i> var. <i>microcarpa</i>	Lingki/lengki	Wild banana
<b>MYRTACEAE</b>		
<i>Eugenia polyantha</i> Wight	Ubah bungkang	Tree
<b>PALMAE</b>		
<i>Calamus flabellatus</i> Becc.	Wi tekong	Climber
<i>Calamus ornatus</i> Bl.	Wi jelayan	Climber
<i>Calamus paspalanthus</i> Becc.	Wi tingkau	Climber
<i>Calamus pygmaeus</i> Becc.	Wi duduk	Climber
<i>Calamus scipionum</i> Lour.	Wi marau/semambu	Climber
<i>Calamus</i> spp.	Wi tunggal	Climber
<i>Daemonorops acamptostachys</i> Becc.	Wi duduk	Climber
<i>Daemonorops oxycarpa</i> Becc.	Wi tunggul	Climber
<i>Daemonorops periacantha</i> Miq.	Wi empunok	Climber
<i>Daemonorops</i> spp.	Wi empunok/ wi duduk	Climber
<i>Eleiodoxa conferta</i> (Griff.) Burret.	Asam paya	Palm
<i>Eugeissona utilis</i> Becc.	Pantu	Palm
<i>Oncosperma horrida</i> Scheff.	Nibong	Palm
<i>Plectocomiopsis geminiflora</i> (Griff.) Becc.	Laris/wi lalih	Climber
<i>Salacca affinis</i> Griff.	Ridan	Palm
<i>Salacca sarawakensis</i> Magea.	Salak	Palm
<i>Salacca vermicularis</i> Becc.	Lemayong	Palm
<b>PASSIFLORACEAE</b>		
<i>Passiflora foetida</i> L.	Letop	Climber
<b>POLYGALACEAE</b>		
<i>Xanthophyllum amoenum</i> Chod.	Langir/mangok	Tree
<i>Xanthophyllum stipitatum</i> Benn.	Langir	Tree
<b>PROTEACEAE</b>		
<i>Helicia</i> sp.	Palis	Tree

Scientific Name	Vernacular Name	Habit
<b>ROSACEAE</b>		
<i>Rubus alpestris</i> Bl.	Emperingat	Climber
<b>SAPINDACEAE</b>		
<i>Allophyllus cobbe</i> (L.) Raeusch.	Ising/mata kucing	Climber
<i>Dimocarpus fumatus</i> (Bl.) Leenh.	Meliking/kakus	Tree
<i>Dimocarpus longan</i> Lour.	Tating jala	Tree
<i>Dimocarpus</i> sp.	Dujong	Tree
<i>Guioa bijuga</i> (Hiern) Radlk	Maruniau/merunau	Tree
<i>Lepisanthes alata</i> (Bl.) Leenh.	Engkilili	Tree
<i>Lepisanthes amoena</i> (Hassk.) Leenh.	Engkilili	Tree
<i>Nephelium cuspidatum</i> Bl.	Sibau/titi dan	Tree
<i>Nephelium lappaceum</i> L.	Sanggau/sibau	Tree
<i>Nephelium maingayi</i> Hiern	Mujau/serait	Tree
<i>Nephelium melanomiscum</i> Radlk	Mertapang	Tree
<i>Nephelium mutabile</i> Bl.	Mak/kakus/onak	Tree
<i>Nephelium ramboutan-ake</i> (Labill.) Leenh.	Mak	Tree
<i>Nephelium uncinatum</i> Radlk	Melanjan	Tree
<i>Nephelium</i> sp. 1	Melakat	Tree
<i>Nephelium</i> sp. 2	Perapait	Tree
<i>Nephelium</i> sp. 3	Pari	Tree
<i>Pometia pinnata</i> J. R. & G. Forst.	Kasai	Tree
<i>Xerospermum noronhianum</i> Bl.	Ilal/tudun biawak	Tree
<i>Xerospermum</i> sp. 1	Pudun	Tree
<i>Xerospermum</i> sp. 2	Sibau	Tree
<b>SAURAUACEAE</b>		
<i>Saurauia subcordata</i> Korth.	Migol/igol-igol	Shrublet
<b>SOLANACEAE</b>		
<i>Solanum surathense</i> Burm.	Terong asam	Herb
<b>TILIACEAE</b>		
<i>Grewia</i> spp.	Bunsi	Shrub
<b>ZINGIBERACEAE</b>		
<i>Etilingera fimbriobracteata</i> (K. Sch.) RM Smith.	Tepus	Herb
<i>Etilingera littoralis</i> (Konig) Giseke	Senggang	Herb
<i>Etilingera punicea</i> (Roxb.) RM Smith	Kecala/lelamas	Herb
<i>Hornstedtia havilandii</i> K. Schum.	Panyun	Herb
<i>Hornstedtia reticulata</i> K. Schum.	Senggang	Herb
<i>Plagiostachys strobilifera</i> (Bak.) Ridl.	Banjang	Herb

### 4.3 FLAVOURING AGENTS AND ENKABANG (ILLIPE NUT) OIL

Paul P. K. Chai and Rantai Jawa

#### (A) FLAVOURING AGENTS

Scientific Name	Vernacular Name	Habit	Part Used
<b>BEGONIACEAE</b>			
<i>Begonia asperula</i> Irmsch.	Riang tekura	Herb	Leaves
<i>Begonia</i> sp.	Riang	Herb	Leaves
<b>CLUSIACEAE</b>			
<i>Garcinia beccarii</i> Pierre	Kundong	Tree	Fruit
<i>Garcinia parvifolia</i> (Miq.) Miq.	Cirei	Tree	Fruit
<b>MENISPERMACEAE</b>			
<i>Pycnarrhena borneensis</i> Diels.	Tubu	Climber	Leaves
<b>MYRSINACEAE</b>			
<i>Embelia</i> sp.	Randau kecham	Shrublet	Leaves
<b>MYRTACEAE</b>			
<i>Eugenia polyantha</i> Wight	Bungkang	Tree	Leaves
<b>VIOLACEAE</b>			
<i>Rinorea anguifera</i> (Lour.) Kuntze	Siku enseluai	Treelet	

#### (B) ENKABANG OIL FROM *SHOREA* FRUITS

Scientific Name	Vernacular Name	Habit
<b>DIPTEROCARPACEAE</b>		
<i>Shorea beccariana</i> Burck	Engkabang langgai	Tree
<i>Shorea macrophylla</i> (de Vr.) Ashton	Engkabang jantung	Tree
<i>Shorea seminis</i> (de Vr.) V. Sl.	Engkabang terendak/Tegelam	Tree
<i>Shorea smithiana</i> Sym.	Engkabang rambai	Tree
<i>Shorea splendida</i> (de Vr.) Ashton	Engkabang bintang	Tree

#### 4.4 A LIST OF MEDICINAL PLANTS FROM THE IBAN AND LUN BAWANG COMMUNITIES

Paul P. K. Chai, Julaihi Abdullah and Rantai Jawa

**Note:**

- Sarawak Herbarium (S) collecting numbers are given after each name.
- Ib = Iban, LB = Lun Bawang, Mal = Malay

##### 1.0. ACANTHACEAE

*Gendarussa vulgaris* Nees (S.77063)  
Daun penyapal abi (Ib)

Herb up to 1 m tall frequently planted in longhouse compound.

Leaves used for treating minor cuts. Pounded fresh leaves are used as a poultice.

##### 2.0. AMARYLLIDACEAE

*Crinum asiaticum* L. (S.67321, S.77055)  
Jukal (Ib)

Succulent herb. Cultivated as an ornamental.

- a. To aid recovery in mothers after giving birth. Boil plant in water to make a warm solution for bathing.
- b. For treatment of sprains and bone fractures. Pound leaves into paste and apply as a poultice.

##### 3.0. ANACARDIACEAE

*Pentapadon motleyi* Hook. f. (S.77076)  
Empelanyau/Pelangau/Pelajau (Ib)

A medium-sized tree of the inland riparian vegetation, with spreading crown and pinkish young leaves. Fruits are edible, either raw or cooked.

Bare footed walkers often develop cracks at the soles due sometimes to infection. These are cured by warming the fresh bark over a fire and rubbing the black sap from the bark on the wounds.

The bark and leaves are sometimes burnt to keep malevolent spirits away.

## 4.0. ANNONACEAE

- 4.1. *Annona muricata* L. (S.67335)  
Rian belanda (Ib)

Cultivated fruit trees in longhouse compound.

- a. To treat cuts & stop bleeding. Warm leaf over fire, cover on wound and bandage.
- b. For hypertension. The young fruits are eaten after boiling in water.

- 4.2. *Artabotrys suaveolens* (Blume) Blume (S.68811)  
Lepar barar (LB), Akar malam (Ib)

Woody climber in lowland dipterocarp or old secondary forest.

This plant is used to counter harm caused by *Uvaria* sp. (see below). The bark is burnt and rubbed on the affected part of the leg (or testes). If not treated, the leg would slowly diminish in size while the testes would become more swollen.

- 4.3. *Friesodielsia biglandulosa* (Blume) Steenis (S.77071)  
Akar rarak (Ib)

Common woody climber of the lowland primary forest.

As an antidote for taking poisonous fungi. The outer bark is scraped off, mixed with the roots of *Arenga brevipes* (Palmae) and roots of *Dillenia beccariana* (Dilleniaceae). Boil mixture in water and drink the infusion.

- 4.4. *Goniothalamus macrophyllus* (Blume) Hook f. & Thom. (S.78603,  
Lukai kampong/Selukai (Ib) S. 78757)

Shrub with a wide distribution in mixed dipterocarp forest and submontane forest.

- a. For fever and malaria. Fresh stem and leaves from this species are mixed with those from *Goniothalamus velutinus* and pounded together. Boil the mixture in water to make a tea.
- b. For fever in babies. Burn bark to ashes. Use ash to massage on body.

- 4.5. *Goniothalamus roseus* Stapf (S.68823)  
Tutud (LB), Selukai (Ib)

Small shrub in lowland dipterocarp forest.

The bark is dried and burnt as a mosquito repellent and to scare off evil spirits.



- 4.6. *Goniothalamus uvaroides* King (S.67344)  
Selukai (Ib)  
Small tree in old secondary forest.  
Iban use the bark as a mosquito repellent and to scare off jungle spirits. The bark is pounded and dried before use. Burning bark produces a smoke that is strongly aromatic.
- 4.7. *Goniothalamus velutinus* Airy Shaw (S.78602)  
Hujan panas (Ib)  
Treelet in primary forest on sandy soils.  
This species has the same uses as *Goniothalamus macrophyllus* described above. This little unbranched tree with a prominent tap root is believed to possess magical powers. It is used as a protection against evil forces. To protect their homes and properties, the Penan will plant a stick at each corner of their houses. The spell is broken when a stone is thrown over the roof. The bark is also burnt to keep off bad spirits and as a mosquito repellent.
- 4.8. *Mitrephora glabra* Scheff. (S.67361)  
Semukau (Ib)  
Small tree 7 meters tall near river.  
For sore eyes. Pound leaves and squeeze juice to eyes.
- 4.9. *Orophea myriantha* Merr. (S.68614)  
Akar rarak (Ib)  
Small woody climber in lowland dipterocarp forest.  
a. To prevent a drinker from getting drunk. Before taking alcoholic drink, chew a section of the fresh stem and swallow juice.  
b. To treat insect bite. Rub ends of freshly cut stem on the affected parts.
- 4.10. *Polyalthia cauliflora* Hook f. & Thom. (S.77054)  
Semukau (Ib)  
Small tree frequent in mixed dipterocarp forest on clayey soils.  
For treatment of sore eyes. Young leaves are wrapped in another leaf and warmed over a fire. Sap from the warm leaves is squeezed into the eye.
- 4.11. *Polyalthia flagellaris* (Becc.) Airy Shaw (S.68638)  
Semukau (Ib)  
Small tree on hill slope in dipterocarp forest at 420 m a.s.l.  
For sore eyes. Warm leaves over fire and squeeze juice to eyes three times a day until cured.

- 4.12. *Trivalvaria cf. macrophylla* (Blume) Miq. (S.77059)  
Semukau, Karai (Ib)

Small tree with rather rare occurrence in mixed dipterocarp forest on clay soils.

This plant has similar use as *Polyalthia cauliflora* in treating sore eyes.

- 4.13. *Uvaria* sp. 1 (S.68810)  
Udu duri (LB), Akar rarak puteh (Ib)

Woody climber in old secondary forest.

For treatment of swollen lymph nodes. Bark from roots are boiled in water to make a drink.

- 4.14. *Uvaria* sp. 2 (S.68812)  
Udu akos (LB), Akar rarak (Ib)

Woody climber in old secondary forest.

This plant is used to harm the enemy by causing pain or swellings. A piece of the root is put on the chair or bed of the victim while chanting “*Kalau duduk di sini, kakinya mesti kembang*” (If so and so sits here, his legs will surely become swollen and painful). For antidote, see under *Artabotrys suaveolens* (S.68811).

## 5.0. APOCYNACEAE

- 5.1. *Alstonia scholaris* R. Br. (S.67346, S.77095, S.78733)  
Pelai lilin (Ib)

Common tree in primary and secondary forests on fertile clay and alluvial soils.

To treat shingles (*kayap*), a painful viral infection of the skin. The milky latex is applied on the affected part.

- 5.2. *Tabernaemontana macrocarpa* Jack (S.67345)  
Buah kelipah patong, pelir kambing (Ib)

Tree at edge of secondary forest.

Iban apply the white latex from the bark to treat leprosy, called ‘*kusta*’ in Iban.

- 5.3. *Willughbeia sarawakensis* (Pierre) K. Schum.  
Akar kubal (Ib)

Climber in lowland primary forest.

To treat shingles (*kayap*) and other skin diseases. The white latex from the fresh plant is applied externally.

**6.0. ARACEAE**

- 6.1. *Alocasia beccarii* Engl. (S.78798)  
Keladi kampung (Ib)

Common aroid with localised distribution.

As an antidote for centipede bites. Squeeze sap from cut leaf stalk onto the wound.

- 6.2. *Acorus gramineus* (Soland. in) Ait. Hort. (S.67366)  
Jerangau puteh (Ib)

Small herb in open areas near longhouses.

The leaves are used to relieve stomach ache. Crushed fresh leaves are rubbed over the abdomen.

- 6.3. *Homalomena propinqua* Schott vel aff. (S.68848)  
Lulig-batak (LB), Lemuyang (Ib)

Lun Bawang use the plant to treat septic wounds. A fresh leaf stalk is warmed over fire, the warm sap is squeezed onto wound, or cover wound with a paste of the fresh tuber. Iban use this plant to treat wounds of pigs and dogs only.

- 6.4. *Homalomena sagittifolia* Schott. (S.68619)  
Kemuyang (Ib)

Herb in lowland dipterocarp forest.

- a. For cuts and wounds. Pound tuber into paste, apply to wound and bandage.
- b. To kill head lice. Pound tuber into fine paste, apply to hair and wrap head with a piece of towel for about 30 minutes before washing.

**7.0. ARISTOLOCHIACEAE**

- Thottea rhizantha* Becc. (S.68823, S.78715)  
Suntik babi/Empedu buruang (Ib)

Small semi-woody herb up to 1 m tall in primary forest. Dark brownish-red flowers are borne on stem near the ground.

- a. For fever. An infusion of the roots is taken. A related species, *Thottea macrophylla* Becc. is used to relieve gastric pain (Chai *et al.*, 1989, Native Medicinal Plants of Sarawak).
- b. As a tonic for women after delivery. Boil roots together with those of *Cinnamomum iners* (S.68812), *Fibraea chloroleuca* (S.68617), *Goniothalamus roseus* (S.68823), *Mapania cuspidata* (S.68621), Vitaceae (S.68622), *Labisia pumila* (S.68624) and *Garcinia* sp. (S.68625) to make a drink. Take twice daily in the morning and evening for 40 days.

**8.0. ASCLEPIADACEAE**

*Dischidia bengalensis* Colebr. (S.78784)  
Tipang kura (Ib)

Slender climber in primary forest. Fresh parts contain milky sap.

To treat body pain and inflammation of the liver. Thoroughly pound the fresh leaves, add some cooking oil and use the preparation to massage on the body.

**9.0. BLECHNACEAE**

*Blechnum orientale* L. K. Sch. (S.67356)  
Paku kelindang (Ib)

Common fern, 0.5 to 1 meter tall near longhouse.

For treatment of boils to draw out the pus. Pound young leaves and apply as a poultice.

**10.0. CLUSIACEAE**

10.1. *Garcinia mangostana* L. (S.67365, S.76176, S.77097)  
Sikop (Ib)

Cultivated mangosteen.

- a. For stomach ache. Boil the bark in water to make a drink.
- b. To prevent rice-wine (*tuak*) from turning sour. The outer bark is pounded thoroughly and added to the *tuak*.
- c. For treatment of skin disease like scabies. Rub the yellow latex on the skin.

10.2. *Garcinia* sp. (S.78702)  
Kayu manis (Ib)

Tree in primary forest.

For fever and malaria. Boil 20 leaves in two cups of water (equivalent to 800 ml). Slow boil to 300 – 400 ml. Drink the tea while it is warm.

**11.0. COMPOSITAE**

- 11.1. *Adenostemma lavenia* (L.) O. K. (S.77080)  
Sempulut babi (Ib)

Small herb in young shifting cultivation land.

- a. For treating breast cancer. A fresh leaf is wrapped in another leaf and warmed over fire. Remove leaf from the wrapper and paste it on the breast while still warm. Repeat several times.
- b. For treatment of fever. Pound leaves, mix with a little water and rub over patient's body.

- 11.2. *Ageratum conyzoides* L. (S.78746)  
Rumput temayai (Ib)

A common aromatic herb of the waste land. Produces light lilac flowers.

To treat swollen knees and ankles due to physical injuries. Pound leaves thoroughly with some salt and use as a poultice.

- 11.3. *Blumea balsamifera* Harn. (S.78752)  
Mambong (Ib)

Common herb that appears soon after a shifting cultivation plot is abandoned. Grows up to 1.5 m tall, flowers white.

When long illness is suspected to be caused by malevolent spirits, the leaves are burnt near the house. The smoke with a strong aromatic smell will drive the malevolent spirits away. This herb is also used to reduce fever and help mothers to regain energy after birth. A warm solution from boiling the plant is used as a bath.

**12.0. CONNARACEAE**

- 12.1. *Agelaea borneensis* (Hook. f.) Merr. (S.78772)  
Akar malam (Ib)

Climber in mixed dipterocarp forest.

Used on babies who cry non-stop (*sakit sawan*). To stop the crying, place a piece of the plant on a leaf of *Artocarpus odoratissimus* (Moraceae) near the baby's bed.

- 12.2. *Rourea mimosoides* (Vahl.) Planch. (S.78750)  
Randau plis (Ib)

Small tree on ridges in mixed dipterocarp forest.

To relieve general body pain. The fresh leaves are used to rub on the body.

### 13.0. CUCURBITACEAE

*Alsomitra macrocarpa* (Blume) M. J. Roemer. (S.78729)  
Akar emperkak/Randau emperkak (Ib)

Light-demanding climber in lowland primary forest.

To kill worms in wounds of pigs and chickens and to heal wounds. Sap from cut fresh stem is used externally as an antiseptic.

### 14.0. CYPERACEAE

14.1. *Mapania cuspidata* (Miq.) Uittien (S.68621)  
Daun begit (Ib)

Sedge in dipterocarp forest.

As an ingredient for health tonic for women after delivery. See under *Thottea rhizantha* (Aristolochiaceae).

14.2. *Scleria purpurescens* Steud (S.77094)  
Rumput kejuru (Ib)

Common sedge with sharp triangular stems in damp or marshy secondary habitats.

To kill parasitic worms in dogs. The young leaves are fed to the dogs.

Chai *et al.* in *Native Medicinal Plants of Sarawak*, (1989) reported the use of this species by the Selakau community to treat diarrhoea while Yii (pers. comm. 1999) said that a tea made from the dryland variety was used to treat asthma.

### 15.0. DILLENIACEAE

15.1. *Dillenia excelsa* (Jack) Gilg (S.67329, S.76170)  
Beringin (Ib)

Medium-sized tree in mixed dipterocarp forest.

To stop diarrhoea. Boil the bark in water to make a tea for drinking. The Penan also use this plant for a similar purpose (Chai *et al.*, *Native Medicinal Plants of Sarawak*, 1989).

15.2. *Dillenia suffruticosa* (Griff.) Martelli (S.68648, S.76171)  
Buan (Ib), Simpor gajah (Mal)

Shrub with large leaves and conspicuous yellow flowers in open secondary forest with abundant sunlight.

- a. To neutralise the poison caused by accidentally swallowing poisonous butterflies. Pound the young roots thoroughly, squeeze out the juice and drink it.
- b. For cuts and wounds. A cleansing solution is prepared by boiling the bark in water.
- c. The roots have been used to treat epilepsy (Yap S. P., pers. comm. 1999).

- 15.3. *Tetracera arborescens* Jack (S. 76183)  
*Tetracera akara* (Burm. f.) Merr. (S. 76182)  
*Tetracera fagifolia* Blume (S.67307, S.67358)  
*Tetracera macrophylla* Wall. ex Hook. f. (S.68613, S.78708,  
 & Thom. S.78775)  
 Akar mempelas (Ib.)

Semi-woody climbers common in lowland dipterocarp forest. Much water is stored in the fresh stems.

To relieve persistent cough. Water from the freshly-cut stems is taken. Residents of Rumah Chaong and Rumah Minggat in Ulu Kanowit use the roots of *Tetracera macrophylla* to stop vomiting and diarrhoea. Its roots are boiled with those of *rumpit unjam* (unidentified) to make a tea.

## 16.0. DIPTEROCARPACEAE

- 16.1. *Shorea macrophylla* (de Vriese) Ashton (S.77061)  
 Engkabang jantong (Ib)

This tree of the emergent canopy is an important component of inland riparian vegetation and is commonly cultivated for its illepe nuts and timber.

For fever and chill. Boil leaves of *Engkabang* together with the fruits in a big pot of water. The patient is asked to stand above the pot to allow the steam to heat the body to produce a sweat. A large blanket maybe used to cover the patient to prevent the heat from escaping.

- 16.2. *Shorea obscura* Meijer (S.77077)  
 Pelapak ai (Ib)

Large tree in mixed dipterocarp forest.

For treating jaundice in babies, called *sakit empak rambul* or *sakit kuning* in Iban. Boil bark in water. Use the solution to bathe the baby twice a day.

## 17.0. EBENACEAE

- 17.1. *Diospyros mindanaensis* Merr. (S.78763)  
 Tubai buah (Ib)

Tree in primary forest.

For skin diseases. The endosperm is pounded and rubbed gently on the affected part. It is also used to stupefy fish in streams.

- 17.2. *Diospyros puncticulosa* Bakh. (S.78725)  
Kayu malam balik (Ib)

Tree in primary forest.

For yellow fever. The bark is pounded and mixed with some water. The solution is used to wash the body.

## 18.0. EUPHORBIACEAE

- 18.1. *Agrostistachys longifolia* (Wight) Benth. var. *leptostachya* (Pax & K. Hoffm.) Whitmore (S.68620)

Small shrub in lowland dipterocarp forest on shallow soils.

To stop aching tooth with a cavity. Warm a stem over fire and collect the black sap that oozes out. Fill tooth cavity with the sap.

- 18.2. *Antidesma hosei* Pax & K. Hoffm. (S.68826)  
Lapad litak (LB), Berenai (Ib)

Small tree on ridge top 440 m a.s.l.

Lun Bawang use this plant to stop pain caused by another plant called *Itak* (not identified). When a person intends to cause harm to another person or enemy, he will place a twig of *Itak* across a trail while saying the name of the enemy. Should the enemy cross the trail, he would suffer great physical pain leading to paralysis. *Lapad litak* is carried for protection.

- 18.3. *Baccaurea lanceolata* (Bl.) Muell.-Arg. (S.68633)  
Lempaong (Ib)

Medium-size tree in mixed dipterocarp forest at 420 m a.s.l.

The fruits can protect a person from being charmed by the enemy. A fruit is eaten before visiting a longhouse during *Gawai* festival.

- 18.4. *Croton ensifolius* Merr. (S.78767)  
Penampal labi (Ib)

Small shrub in secondary forest.

For minor cuts. The leaves are pounded into a paste and used as a poultice. Also stops bleeding.

- 18.5. *Homalanthus populneus* (Geisel.) Pax (S.78764)  
Tapang lalat (Ib)

Shrub in old secondary forest.

For treatment of shingles or *kayap*. Five to ten young shoots are wrapped in some big leaves and heated over a fire until half cooked. Squeeze juice on affected part. Continue treatment for 2 to 3 days.



- 18.6. *Macaranga gigantea* Muell.-Arg. (S.77053)  
Merkubong (Ib)  
Common tree in secondary forest on sandy soils.  
For mouth ulcers. Apply the brownish-red sap from fresh young stem on the wound.
- 18.7. *Phyllanthus urinaria* L. (S.77092, S.78755, S.78786)  
Rumput blis/Engcerengak belut (Ib)  
Small semi-woody herb common in wasteland and house gardens.
- a. For treating jaundice (*sakit kuning*) in babies. Equal proportion of this plant and *Melastoma malabathricum* (Melastomataceae) are boiled together in water to make a bath.
  - b. To treat minor cuts. The fresh plant is pounded into a paste for poultice.
- 18.8. *Trigonopleura malayana* Hook. f. (S.77056, S.78716)  
Sedik padi/Kayu sedi (Ib)  
Medium-sized tree in primary forest.
- a. For fever. Some fresh leaves and twigs together with equal proportion of *Lycopodium cernuum* (Lycopodiaceae) are boiled to make a solution for bathing.
  - b. To treat minor cuts. Fresh young leaves are wrapped in some bigger leaves and warmed over a fire until soft. Squeeze juice from warm leaves onto the wound.
  - c. To make poison for blowpipe darts. The leaves are thoroughly crushed to squeeze out the sap. This sap is mixed with the latex from *Antiaris toxicaria* (Moraceae). The mixture is applied to the tips of the darts.
- 19.0. **FLACOURTIACEAE**
- Pangium edule* Reinw. ex Bl. (S.77084, S.78742)  
Kepayang (Ib)  
An inland riverbank tree with straight trunk, dark green heart-shaped leaves and big oblong brown fruits. The seeds are edible only after sufficient cooking and washing to remove the cyanide.
- a. Skin infection. The young leaves are rubbed on the skin to stop itchiness.
  - b. Kill worms on wounds of chickens and house pets. Sap from fresh bark is squeezed onto the wounds.

**20.0. GESNERIACEAE**

*Cyrtandra cf. antuana* B.L.Burt (S.68610)  
Sabang remaong (Ib)

Herb 15 cm tall in mixed dipterocarp forest at 320 m a.s.l.

The Iban believe that if this plant is potted and kept in the house, it will protect one from harm by the enemy.

**21.0. GLEICHENIACEAE**

*Dicranopteris linearis* (Burm. f.) Clarke  
Resam (Ib)

A common fern that quickly colonises degraded land with very poor soils.

For treatment of sore-eyes. Juice from fresh young shoots is squeezed into the eyes.

**22.0. GRAMINEAE**

22.1. *Imperata cylindrica* Beauv. (S.78786)  
Lalang (Ib)

A common weed species on degraded soils.

For small pox. A tea is prepared by boiling the young roots in water.

22.2. *Lophatherum gracile* Brogn. (S.68646, S.68803, S.78710, S.78776)  
Rumput jung, Rumput unjam, Rumput ruding mawang (Ib), Udu buloh (LB)

A common grass in open wasteland.

- a. For relief of stomach ache and gastric pain. Pound roots to obtain juice. Mix with water to make a tea.
- b. For treatment of cholera and malaria. The roots are boiled together with the stem of *Tetracera* sp. (Dilleniaceae) to make a tea.
- c. Lun Bawang use the plant to treat difficult and painful urination and vinereal disease. Root nodules are collected and boiled in water to make a drink.

22.3. *Paspalum conjugatum* Berg. (S.78714)  
Rumput kumpai (Ib)

Grass in open wasteland.

To stop bleeding. Juice from fresh leaves is applied on the wound.

- 22.4. *Saccharum cf. officinarum* Linn. (S.76215, S.76216)  
 Tebu enda pesalah/Tebu enda benta (Ib)  
 Wild sugar cane with slender stems.
- a. To relieve pain and reduce swellings caused by sprains. The stem is pounded into a paste and used as a poultice.
  - b. To treat weak joints and general body pain (*sakit benta*) in mothers after delivery. The fresh juice is taken.
- 22.5 *Schizostachyum hantu* S. Dransfield (S.67332)  
 Buloh mas/Ai buloh/Lachau (Ib)  
 Bamboo near longhouse, 5 m tall.  
 For curing whooping cough especially in babies. Drink the water that collects inside the bamboo stem.
- 23.0. **HEMIONITIDACEAE**
- Syngamma wallichii* (Hook.) Bedd. (S.78748)  
 Paku (Ib)  
 A fern in secondary forest.  
 To reduce swollen legs in mothers after delivery. Pounded leaves are used to massage on the swollen parts.
- 24.0. **HYMENOPHYLLACEAE**
- 24.1. *Trichomanes javanicum* Bl. (S.68805)  
 Pelayo-oko (LB), Paku batu (Ib)  
 Small fern on river banks.  
 For taming of fierce dogs. Either rub leaves on hind of dog, or burn plant to ash, mix with rice for dog to take.
- 24.2. *Trichomanes minutum* Bl. (S.68835)  
 Lumut (Ib)  
 Small fern growing on lower trunks and buttresses.  
 For dry cough. Pound fresh plant into a paste, boil and drink.

**25.0. HYPERICACEAE**

*Cratoxylum glaucum* Korth. (S.78736)  
Geronggang/Temau (Ib)

Shrub in secondary forest.

To treat skin diseases. Reddish-brown latex from the fresh plant is applied on the infection.

**26.0. HYPOXIDACEAE**

*Curculigo racemosa* Ridl. (S.67331)  
Lemba babi (Ib)

Herb near river banks.

To get rid of buffalo leaches which are common in slow-flowing streams and stagnant pools. Crush leaves and throw in the water.

**27.0. LAURACEAE**

27.1. *Cinnamomum iners* Reinw. (S.68612, S.68813)  
Medang lawang (LB), Tabar/Kayu buan (Ib)

Tree in old secondary forest.

- a. For gas in stomach or flatulence. Boil roots to make a drink.
- b. Also as an ingredient for tonic drink for mothers after delivery. See under *Thottea rhizantha* (Aristolochiaceae).

27.2. *Eusideroxylon zwageri* Teijsm. & Binn. (S.67348)  
Belian (Ib)

Tree in lowland secondary forest.

The bark is used for treating gastric pain. The fresh bark is peeled off and boiled in water to make a tea.

27.3. *Lindera pipericarpa* Boerl. (S.67342, S.78724)  
Medang serai/Kayu wangi (Ib)

Shrub in primary mixed dipterocarp forest. Fresh leaves are slightly fragrant when crushed in between the fingers.

- a. To treat kidney problem and reduce fever. Three pieces of the roots, each about 20 cm long, are boiled to make a drink.
- b. Roots are used for flavouring food particularly fish and meat dishes.

- 27.4. *Litsea garciae* Vidal (S.68675, S.76194)  
Engkala (Ib)

A common tree of inland river banks. Often cultivated near longhouse for its fruits.

For treatment of boils. It is used together with the shoot of the rattan *Calamus scipionum* Lour. (*Wi semambu*). The leaves of *Litsea garciae* (wrapped in another leaf) and the rattan shoots are heated over a fire. They are then pounded thoroughly together and mixed with lime juice. The mixture is applied over the boil.

- 27.5. *Litsea paludosa* Kosterm. (S.77066)  
Balong lawang/Edang bulu (Ib)

Tree in primary mixed dipterocarp forest.

For speedy recovery in mothers after childbirth. Boil bark of this tree with the roots of *Labisia pumila* (Myrsinaceae) [S.77064] in water to make a drink.

## 28.0. LEEACEAE

- Leea gigantea* Kurz (S.68645, S.76199)  
Ubat betu/Kemali (Ib)

Shrublet in secondary and riparian forest.

- a. To treat burns. Pound leaves into paste and apply on the affected part.
- b. Visitors are usually prohibited from entering a longhouse when someone dies. A branch of the *kemali* plant is temporarily erected in front of the longhouse to remind visitors that it is a taboo to enter the longhouse.

## 29.0. LEGUMINOSAE

- 29.1. *Bauhinia simibifida* Roxb. (S.76195)  
Akar tangkop-bedaup (Ib)

Climber in open place at edge of forest.

For treating hypertension. Boil roots in water to make a drink to be taken regularly.

- 29.2. *Bauhinia semibifida* Roxb. var. *semibifida* (S.68849)  
Wa ayap (LB), Daun puki-temuai (Ib)

Woody climber in riparian forest.

For diarrhoea caused by food poisoning. Pound the light orange fresh roots and boil in water to make a drink.

- 29.3. *Cassia alata* L. (S.67551, S.68671, S.78761)  
Serungan/Daun rugin (Ib)  
Small shrub in open place usually along rivers. The conspicuous bright yellow flowers are borne on erect spikes.
- a. Commonly used in the treatment of ringworm, white spots or dhobi itch. Pounded fresh leaves are used to rub on the affected part. For better effect, ash from burning firewood may be added.
  - b. The roots are boiled to make a drink for stomach ache and constipation. For stomach ache, only roots that grow on the higher slopes are used. For constipation, only roots that grow towards the direction of the river banks would be effective.
- 29.4. *Dalbergia parvifolia* Roxb. (S.78766)  
Randau menggris (Ib)  
Climber in primary forest.  
Used specifically to relieve gastric pain. A drink is made from boiling the pounded roots.
- 29.5. *Derris malaccensis* (Benth.) Planch. (S.67316)  
Tubai akar (Ib)  
Cultivated plant in longhouse farm.
- a. Iban use the roots as a 'tubai' for stupefying fish. Pound fresh roots thrown into the river will cause the fish to float on the surface.
  - b. For treatment of boil. Apply finely pounded fresh roots over wound and bandage.
- 29.6. *Fordia gibbsiae* Dunn et Baker (S.76200)  
Kergantong (Ib)  
Shrub in lowland primary forest.  
To stop vomiting and diarrhoea. Pound the bark together with the roots of the wild ginger *Etilingera littoralis* (S.77049). Extract juice from the mixture and drink.
- 29.7. *Leucaena leucocephala* (Lam.) de Wit (S.67336)  
Tibak (Ib)  
Planted tree near longhouse.  
For fungal infection of the skin. Scrap bark, soften by pounding and rub on the infection.

- 29.8. *Parkia speciosa* Hassk. (S.68642)  
Petai (Ib)  
Tree in riparian forest.  
For treatment of high blood pressure and diabetes. Young leaves and fruits may be eaten raw or after cooking.
- 29.9. *Saraca declinata* (Jack) Miq. (S.67323, S.76172)  
Babai (Ib)  
Common tree along fast-flowing rivers or streams.  
For treating diarrhoea. A drink is prepared by boiling the bark in water.
- 29.10. *Spatholobus ferrugineus* (Zoll. & Moritzi) Benth.  
(S.68829, S.77057, S.77068, S.78706)  
Wa bukug/Wa siah (LB), Akar kemedu/Kemedu darah (Ib)  
Climber in primary forest.  
a. To treat mouth ulcers. Apply the red sap from the fresh plant on the affected part. Also used to treat white spots in baby's mouth. Apply sap once only.  
b. To stop diarrhoea. Boil the bark in water to make a drink.
- 29.11. *Spatholobus oblongifolius* Merr. (S.67340)  
Akar kemedu/Tubai raong (Ib)  
Climber in lowland forest.  
For treatment of persistent fever. Boil stem and twigs in a pot of water. Pour boiling solution into a basin and allow steam to warm over patient's body. Should be done in an enclosed room for best effect.
- 30.0. **LILIACEAE**  
*Dianella ensata* (Thunb.) M.R. Hend. (S.78794)  
Jerangau padi (Ib)  
Herb in primary or secondary forest.  
As an antidote for snake-bite and bee sting. The fruits are pounded into a paste and applied on the wound.
31. **MALVACEAE**  
*Sida rhombifolia* L. (S.77091)  
Rumput tamawai (Ib)  
Common shrublet in longhouse compound.  
To reduce high fever. Boil roots in water to make a drink.

### 32.0. MELASTOMATACEAE

- 32.1. *Dissochaeta* cf. *annulata* Hk. f. ex Triana (S.68818)  
Ubat gelugus (LB), Akar kemunting (Ib)

Climber in old secondary forest.

Lun Bawang believe that miscarriage may be caused by parasitic worms in the womb. To prevent this, a few leaves from this climber are wrapped in a bigger leaf and placed over the naval of the pregnant mother.

- 32.2. *Driessenia dispar* (Cogn.) C. Hansen (S.78790)  
Kemunting umang (Ib)

Herb in cool areas in primary forest.

To treat fungal infection of the foot. Pound fresh leaves to make a poultice.

- 32.3. *Melastoma malabathricum* L. (S.67308, S.67338, S.67371,  
Kemunting (Ib), Engkodok (Mal) S.68616, S.77096)

Shrublet in secondary forest and wasteland.

- a. For treating jaundice in babies (*anak mit sakit kuning*). A bath is prepared by boiling the leaves with *Phyllanthus urinaria* plant (S.77092) in water.
- b. To stop diarrhoea. Three to five pieces of fresh young twigs are eaten raw.
- c. For toothache. Boil leaves with some salt for 30 minutes. Squeeze juice from leaves to aching tooth.
- d. To prevent and treat mouth sores, the ripe fruits are eaten.
- e. For inflamed eyes. Soak some fresh petals in cool boiled water. Use the water as an eye drop.
- f. Chinese use the pounded leaves as poultice to treat sprains and stimulate blood circulation.

- 32.4. *Pachycentria microsperma* Becc. (S.68838)  
Udu beliat (LB)

Woody epiphyte.

For twisted ankles and wrists. Pound roots, mixed with salt, wrap in leaf and warm over fire. Wrap the warm mixture around injured part.

### 33. MELIACEAE

- Lansium domesticum* (Corr.) Becc. (S.67319)  
Langsat (Ib)

Cultivated fruit tree.

For treatment of dysentery and diarrhoea. The fresh bark is stripped, cut into small pieces and boil in water to make a tea.



### 34. MENISPERMACEAE

- 34.1. *Arcangelisia flava* (L.) Merr. (S.67314)

Akar tipang (Ib), Pa (LB)

Climber in lowland secondary forest.

- a. For treatment of conjunctivitis. Scrap off fresh bark, wrap in a piece of clean cloth, add some water. Squeeze juice into eye.
- b. The leaves are used for flavouring food in cooking.

- 34.2. *Coscinium wallichianum* Merr. (S.68855)

Babas (LB), Akar badi (Mal.), Akar Penawar (Ib)

Climber in lowland forest.

- a. To prevent one from getting drunk while taking alcoholic drink. Chew the roots.
- b. To treat cuts or wounds. Chew roots and squeeze juice to wounds.

- 34.3. *Fibraea chloroleuca* Miers (S.68826, S.76198)

Akar tipang/Akar penawar (Ib)

Climber in primary forest.

- a. As an antidote for snake bites. Sap from freshly cut stem is applied on the wound.
- b. For stomach ache with diarrhoea. Boil roots and drink the solution until cured.
- c. To prepare a tonic drink for women after childbirth. See under *Thottea rhizantha* (Aristolochiaceae).

- 34.4. *Tinospora tuberculata* Beumee (S.77079)

Akar hidu (Ib)

Climber in primary forest.

- a. As an antidote for blowpipe poison. Apply sap from fresh stem on the wound.
- b. For hypertension and malaria. Boil stem in water to make a drink.

### 35.0. MORACEAE

- 35.1. *Antiaris toxicaria* (Pers.) Lesch. (S.78783)

Ipoh (Ib)

Tree in lowland primary forest with alluvial soils.

For blowpipe poison. The white latex is tapped, mixed with the leaves of *Trigonopleura malayana* Hook. f. (Euphorbiaceae) and warmed over a fire. To apply the poison, dip the tips of the dart into the mixture.

- 35.2. *Artocarpus kemando* Miq. (S.78771)  
Pudau (Ib)

Tree in lowland primary forest, sometimes cultivated for its fruits.

For stomach ache. The young shoots are boiled together with the roots of *Areca catechu* (Palmae) and *Imperata cylindrica* (Gramineae) in water to make a drink.

- 35.3. *Ficus callicarpa* Corner (S.78768)  
Gemalong (Ib)

Tree in lowland primary forest.

- a. As an antidote for poisonous caterpillar stings. Burn leaves to ashes, mix with cooking oil and apply.
- b. For centipede bite. White latex from fresh stem is applied on the wound.

- 35.4. *Ficus grossularioides* Burm. f. (S.67334, S.77058, S.78773)  
Lengkan (Ib)

Tree in disturbed lowland primary and secondary forests.

- a. As an antidote for centipede bite. Fresh white latex is applied on the wound.
- b. The young leaves are cooked and eaten as a vegetable.

- 35.5. *Ficus punctata* Thunb. (S.68808)  
Akar pulau (Ib)

Root climber in lowland forest.

Lun bawang use this plant to tame women who are fierce and hot-tempered. Only mature plant that has fallen to the ground should be used. Burn the plant to ashes, make powder and put in a drink. Stop treatment when the woman is tamed.

- 35.6. *Ficus uncinata* (King.) Becc. (S.68618)  
Entimau (Ib)

For treatment of centipede bite. Rub fresh white latex on wound.

### 36. MYRSINACEAE

- 36.1. *Ardisia copelandii* Mez. (S.68615)  
Merjimah (Ib)

Iban believe that this plant can protect one from harm by one's enemy. Carrying a piece of twig in the pocket while confronting the enemy will subdue the enemy and make him friendly and harmless.

- 36.2. *Labisia pumila* (Blume) Benth. ex Hook. f. (S.68624, S.77064, S.78604,  
Sabang kampong/Sakang ribut/Daun sangkoh (Ib), S.78774)  
Kacip Fatimah (Mal)

Herb in lowland primary forest.

- a. To contract and tighten the uterus after childbirth. Prepare a drink by boiling the roots with the bark of *Litsea paludosa* Kosterm. (S.77066) in water.
- b. As an antidote for taking poisonous mushroom. Eat plant raw or boil to make a drink.
- c. For skin diseases. Pound fruits and apply as poultice.

### 37.0. MYRTACEAE

- 37.1. *Eugenia (Syzygium) bankensis* (Hassk.) Backer (S.68631)  
Ubah ribu (Ib)

Tree in mixed dipterocarp forest at 500 m a.s.l.

For vomiting blood and the disease called *sakang seribu* in Iban. Collect leaves that point in the direction of sunrise, mix with coconut oil in a bottle. Use the oil to massage on the body.

- 37.2. *Psidium guajava* L. (S.67325, S.78737)  
Jambu labas (Ib)

Cultivated fruit tree.

- a. To stop diarrhoea. Young shoots are eaten raw.
- b. For cuts and wounds. Pound leaves and boil in water. Use solution for cleansing wounds.

### 38.0. NEPHROLEPIDACEAE

- Nephrolepis biserrata* (Sw.) Schott (S.77093)  
Paku kubok/Paku keru (Ib)

Fern with a widespread distribution in open areas with clayey soils.

To relieve general body pain and itchiness caused by shingles or herpes zoster and bites by certain species of ants. Rub the fresh young leaves on the affected part.

**39.0. ORCHIDACEAE**

- 39.1. *Dipodium* sp. (S.68834)  
Ubad arum (LB)

Epiphytic orchid in lowland forest.

For disease of the pancreas which causes great pain. The shoot is eaten after cooking over a fire.

- 39.2. *Grammatophyllum speciosum* Bl. (S.76197)  
Tebu musang (Ib)

A giant orchid in primary forest.

For treating jaundice in newborn babies (*Anak mit sakit kuning or sakit gamalus*). Boil pieces of the stem in water to make a solution for bathing.

**40.0. PALMAE**

- 40.1. *Arenga brevipes* Becc. (S.76165)  
Aping (Ib)

Stemless palm in primary forest.

To neutralise poison caused by *sawat* or *buyah* (butterflies). The palm cabbage is eaten.

- 40.2. *Calamus scipionum* Lour. (S.76193, S.67352)  
Wi marau (Ib), Rotan semambu (Mal)

Rattan in lowland primary forest.

- a. To treat boils. See under *Litsea garciae* (Lauraceae) for preparation and use.
- b. For sore throat. Chew the ripe fruits and swallow the juice only.

- 40.3. *Daemonorops sabut* Becc.  
Wei lingan (LB), Wi lepo (Ib)

Rattan in riparian forest.

As an antidote for eating poisonous mushroom. The shoots are either eaten raw or cooked, or burnt to ashes to make a powder and taken with water.

**41.0. PIPERACEAE**

- Piper caninum* Blume (S. 76191)  
Sireh pala (Ib)

Herb in secondary forest.

- a. To reduce swellings caused by minor physical injury. Warm leaves over a fire and cover warm leaves on affected part.
- b. To reduce fever. Boil stem in water to make a drink.

**42.0. POLYGALACEAE**

*Salomonina cantoniensis* Lour. (S.77086)

Tipang ular (Ib)

Small herb in lowland primary forest.

As an antidote for snake bite. Pound leaves into paste and apply.

**43.0. RHAMNACEAE**

*Zizyphus borneensis* Merr. (S.76192)

Akar kuku manual (Ib)

Thorny woody climber in lowland mixed dipterocarp forest.

For ulcers of the mouth. Drink water from the fresh stem.

**44.0. RUBIACEAE**

44.1. *Borreiria repens* (L.) R. Br. (S.78754)

Rumput mas (Ib)

Herb in lowland primary forest.

For general body pain. Boil whole plant to make a tea.

44.2. *Chassalia curviflora* (Wall. ex Roxb.) Thw. (S.67317)

Engkerabai (Ib)

Herb in longhouse compound.

a. For cuts and wounds. Soak leaves in boiling water and cover on wounds.

b. For stomach ache. Boil leaves in water to make a drink.

44.3. *Hedyotis costata* (Roxb.) Kurz (S.76186, S.78756, S.78782)

Akar perut manok/Rumput mas (Ib)

Herb in lowland primary forest.

a. For fever and chill. Boil the whole plant in water to make a warm bath to get the patient to sweat.

b. For body pain. Boil plants in water to make a tea. Use 4 to 5 plants each time.

44.4. *Mussaenda* sp. (S.77087)

Jernang kukut (Ib)

Woody shrub/climber in open place.

For birth control. Boil the roots in water to make a tea.

- 44.5. *Mycetia* sp. (S.68639)  
Herb in dipterocarp forest at 420 m a.s.l.
- a. For treating piles. Bark of the roots is used. A poultice is prepared by pounding the bark with a little garlic into a paste. Repeat treatment until cured.
  - b. The root bark is believed to have the same properties as ginseng and maybe cooked with a meat dish.
- 44.6. *Myrmeconuclea strigosa* (Korth.) Merr. (S.68807)  
Baru buku (LB), Mumban (Ib)  
Rheophyte on rocks.  
Effective for treatment of wounds. Use swollen part of stem only. Burn stem till charred, pound to powder and cover over wound. Often used to treat wounds of hunting dogs injured by wild boar.
- 44.7. *Psychotria elmeri* Merr. (S. 76185, S.77073)  
Engkerabai (Ib)  
Small shrub in primary forest.
- a. For treating diarrhoea and blood in stool. A tea is made from boiling the leaves in water.
  - b. For cuts. Boil leaves in water and use solution to clean the wound.
- 44.8. *Psychotria viridiflora* Reinw. ex Bl. (S.68641)  
Engkerebai (Ib)  
Small tree 3 m tall in riparian forest.
- a. For cuts and wounds. Boil leaves and squeeze solution from leaves to wounds.
  - b. As a black dye. Boil whole plant in water and dip thread or cloth in solution.
- 44.9. *Psychotria* sp. (S.76184)  
Sugi raong (Ib)  
Shrublet in lowland primary forest.  
To treat sore eyes and cough. Swallow the fresh ripe fruits.
- 44.10. *Timonius lasianthoides* Val. (S.68640)  
Mulong udok (Ib)  
Small tree 5 m tall in riparian forest.  
For cuts and wounds and skin diseases such as scabies. Pound fresh leaves for use as a poultice.

#### 45.0. SAPINDACEAE

- 45.1. *Lepisanthes amoena* (Hassk.) Leenh. (S.78800)  
Ribu (Ib)

Tree in primary forest.

As antidote for snake-bite. Sap from the fresh inner bark is rubbed on the wound.

- 45.2. *Nephelium mutabile* Blume (S.76212)  
Mak (Ib)

Cultivated fruit tree.

For treating septic wound (*telih murok*). Wrap young leaves in another leaf and warm over a fire. Pound the warm leaves into a paste and poultice.

- 45.3. *Pometia pinnata* Forst. (S.77074)  
Kasai (Ib)

Common tree in riparian forest on alluvial soils. Fruits edible.

For minor cuts. Wrap young leaves in another leaf and warm over a fire. Squeeze juice from warm leaves on wound.

#### 46. SCHIZAEACEAE

- 46.1. *Lygodium circinatum* (Burm.) Sw. (S.68804)  
Wa t'erng (LB)

A good cure for venereal disease and diabetes. Boil roots to make a drink to be taken regularly.

- 46.2. *Lygodium microphyllum* (Cav.) R. Br. (= *Lygodium scandens* (L.) Sw.)  
Remat kikat/Remat (Ib) (S.78760)

Creeping fern in open areas.

- a. To relieve breast pain after childbirth. Wrap fern in a tree leaf and warm over a fire. Place the warm plant over the breasts and secure with a bandage.
- b. To stop diarrhoea. Boil young shoots and leaves in water to make a tea.

#### 47.0. SCROPHULARIACEAE

- 47.1. *Brookea tomentosa* Benth. (S.77078)  
Merjemu (Ib)

Tall herb colonising shifting cultivation sites after rice harvest.

To prevent sore eyes. It is believed that eye infection can be prevented if the fruits are swallowed.

- 47.2. *Scoparia dulcis* L. (S.78731)  
Rumput tahi babi (Ib)

Herb in waste land.

For itchy skin and skin diseases. A washing solution is prepared by boiling the plant in water.

- 47.3. *Torenia polyonoides* Benth. (S.78797)  
Rumput pupok (Ib)

Herb in secondary forest.

For treatment of goitre. Boil 5 plants each time to make a tea.

#### 48.0. SELAGINELLACEAE

- Selaginella plana* (Desv.) Hieron. (S.68821)  
Silap padi (Ib). Gugur (LB)

For migraine and facial stroke. Place a branch inside a pillow that the patient sleeps on at night.

#### 49.0. SIMAROUBACEAE

- Eurycoma longifolia* Jack  
Sengkayap (Ib)

Treelet in primary forest on sandy soils.

This plant is used to treat a number of ailments including high fever, kidney problem, back pain, headache and stomach ache and to regain body strength after a sickness or due to alcohol intoxicification. It has also been promoted as an aphrodisiac. Boil the plant or roots in water to make a tea.

#### 50.0. SMILACACEAE

- Smilax leucophylla* Blume (S.78795)  
Randau tipang nyebayai (Ib)

Climber in primary forest.

As an antidote for centipede bite and bee sting. Sap from fresh stem is applied.



**51.0. SOLANACEAE**

*Solanum mammosum* L. (S.67362)  
Terong tujang (Ib)

Cultivated in longhouse compound.

For treating sore eyes in children. Use juice from fresh fruits as eye drops.

**52.0. THEACEAE**

*Adinandra dumosa* Jack (S.68647)  
Legai (Ib)

Small tree near rivers.

For cuts and wounds. Boil leaves in water to make a cleansing solution.

**53.0. THELYPTERIDACEAE**

*Pronehrium hosei* (Bak.) Holttum (S.78779)  
Daun kejai (Ib)

Fern in lowland forest.

To relieve body pain. Use fresh leaves to rub on the affected part.

**54.0. URTICACEAE**

*Elatostema linear* Stapf (S.78799)  
Rubai (Ib)

Succulent herb in cool shaded areas in primary forest.

For tooth ache. A small piece of the stem with the outer skin removed is inserted into the cavity. If there is no cavity, a paste prepared from the stem is placed on the aching tooth.

**55.0. VERBENACEAE**

55.1. *Clerodendrum adenophyllum* Hallier f. (S.78601, S.78739)  
Kelampahit/Bunga pepanggih (Ib)

Shrub in lowland forest.

- a. For itchy skin. A paste prepared from the leaves is rubbed on the affected part.
- b. To remove leech from inside the nose. Obtain juice by pounding the fresh leaves. Squeeze juice into nose.
- c. For muscular pain. Crushed leaves are mixed with coconut oil. The mixture is rubbed on the muscles.

- 55.2. *Clerodendrum villosum* Bl. (S.67306, S.68643, S.68852)  
Kelampit/Kepait babi/Pepanggil (Ib)

Small shrub in riparian forest and longhouse compound.

- a. For skin infection and itchy skin, such as dhobi itch and ringworm. Pound leaves to rub on the affected part. For infection on the feet, boil leaves with some salt and soak feet in the warm solution.
- b. To treat sprains and bruises. Warm leaves over a fire, pound into paste and apply as a poultice. A popular use by the Chinese is to treat fractured bones and dislocation.

## 56.0. VITACEAE

- 56.1. *Ampelocissus imperialis* (Miq.) Planch. (S.78744)  
Daun kelimpak pinggai (Ib)

Climber in primary forest.

For cough and diarrhoea. Boil leaves, stem and roots together in water to make a tea.

- 56.2. *Cissus* sp. (S.76211)  
Riang bot (Ib)

Climber in primary forest.

For treatment of septic wounds. Warm the leaves over a fire. Pound warm leaves into a paste and use as a poultice.

## 57.0. ZINGIBERACEAE

- 57.1. *Alpinia ligulata* K. Schum. (S. 76173)  
Timbang (Ib)

Wild ginger in lowland primary forest.

For stomach ache. Chew young shoots and swallow juice.

- 57.2. *Costus* sp.  
Tepong bulu (Ib), Setawar (Mal)

Herb in lowland dipterocarp forest.

Iban believe this plant possesses protective power. A potted plant is put in a new house before moving in. Will protect members of family from sickness and harm.

- 57.3. *Curcuma zedoaria* (Berg.) Rosc. (S.67309, S.68643, S.68852,  
Entemu indai abang/Entemu kunyit (Ib) S.77048, S.77062)  
Cultivated ginger in longhouse compound. Also grows wild. Rhizomes pale blue in colour and strongly aromatic.
- a. Iban believe that certain body pains suspected to be caused by evil spirits and ghosts can be cured by rubbing fresh rhizomes on the affected parts.
  - b. To help mother to gain strength and recover after childbirth. Rhizomes are pounded and rubbed over the body.
- 57.4. *Etlingera* sp. (S.78707)  
Tepus kenyali (Ib)  
Wild ginger in secondary forest.
- a. For cholera. Up to three young shoots are eaten raw each time.
  - b. As an antidote for snake bite. Young shoots are pounded together with some roots from a Vitaceae (unidentified). Apply mixture on the wounds.
- 57.5. *Globba atrosanguinea* T. et. B. (S.67372)  
Gelapa (Ib)  
Cultivated ginger in longhouse compound.  
For bruises and injuries caused by fall such as from a tree. Fresh rhizomes are pounded and boiled in water to make a drink.
- 57.6. *Globba* sp. (S.78745)  
Sakang batu rangkai (Ib)  
Wild ginger in lowland secondary forest.  
For dry cough and yellow fever. Rhizomes are eaten raw.
- 57.7. *Hornstedtia reticulata* (K. Schum.) K. Schum. (S.67343, S.77049)  
Tepus kenyali/Senggang (Ib)  
Wild ginger in secondary forest.
- a. To stop vomiting and diarrhoea. Pound the roots of this plant together with the bark of *Fordia gibbsiae* (Leguminosae) into a paste. Squeeze juice from the mixture, add some water and drink.
  - b. For mat making. Cut stem and leave to dry. Peel off sheath covering stem for further drying. Split into 1 cm strips for use. Fruits are edible.
- 57.8. *Plagiostachys* sp.  
Batak (Ib)  
Wild ginger in secondary forest.  
For treating fungal infection on dogs. Pound fruits thoroughly and rub on the affected part.

#### 4.5 A LIST OF MEDICINAL PLANTS FROM THE KEDAYAN COMMUNITY

Paul P. K. Chai

**Note:**

- *Air masak* is a health drink of the Kedayan prepared by boiling a mixture of some 45 plant species. A separate list of plants for *air masak* is given in section 4.6.
- Sarawak Herbarium (S) collecting numbers are given after each name
- Ib = Iban, Ked = Kedayan

#### ANISOPHYLLEACEAE

*Anisophyllea disticha* (Jack) Baill. (S.67225)  
Petagar ambun-ambun (Ked)

Treelet in lowland mixed dipterocarp forest.

Used in *air masak*.

#### ANNONACEAE

1. *Goniothalamus tapis* Miq. (S.67234)  
Lakom (Ked), Selukai (Ib)

Treelet in lowland mixed dipterocarp forest.

(i) Used in *air masak*.

(ii) To prevent cancer.

Boil roots together with 4 other species of *Goniothalamus*. Add *jintan manis* (fennel seed) and shallot. Drink daily. Good for early stage of cancer.

2. *Goniothalamus velutinus* Airy Shaw (S.67221)  
Kayu ujan panas (Ked)

Treelet in alluvial forest.

(i) Used in *air masak*.

(ii) To prevent tumor or cancer.

Boil roots with roots of *lakom putih* and *lakom* (small-leafed variety) [*Goniothalamus* spp.] to make a drink to be taken regularly.

**AQUIFOLIACEAE**

*Ilex cissoidea* Loes (S.67214)

Nya'as (Ked), Aras (Ib)

Shrub in secondary forest.

(i) Used in *air masak*.

(ii) For aphrodisiac and to regain energy.

Boil roots with roots of *petagar kumbang* (unidentified) to make a drink.

**ARACEAE**

1. *Alocasia regia* N. E. Br. (S.67239)

Keladi birah (Ked)

Herb near stream bank.

For swollen body, joints and sprains. Slice tuber and warm over fire, place on affected part and bandage.

2. *Amorphophallus cf. borneensis* (Engl.) Engl. & Gerhm. (S.67262)

Keladi ular (Ked)

Herb in riverine forest.

For blisters or ulcers of the mouth and tongue. Boil roots. Rub the solution on affected parts or use solution for rinsing.

3. *Homalomena propinqua* Schott (S.67206)

Keladi jernang, Jerangau jin (Ked)

Herb in alluvial forest.

To treat vomiting of blood, blood in stool (*pantan darah*). Slice tuber and dry. Boil in water to make a drink.

**ARALIACEAE**

*Schefflera tetrandra* Merr. (S.67256)

Petagar harimau (Ked)

Herb near river bank.

Used in *air masak*.

**ASPLENIACEAE**

1. *Asplenium salignum* Bl. (S.67259)  
Petagar (Ked)  
Epiphyte on tree by river bank.  
Used in *air masak*.
2. *Asplenium scolopendroides* J. Sm. ex Hook. (S.67258)  
Petagar perempuan (Ked)  
Terrestrial fern on rocks by river bank.  
Used in *air masak*.

**CLUSIACEAE**

1. *Calophyllum soualattri* Burm. f. (S.67219)  
Bintangor (Ked)  
Tree in secondary forest.  
For fungal infection of the skin. Boil the outer bark and leaves. Use the solution for bathing and cleansing the skin.

**CYPERACEAE**

1. *Mapania cuspidata* (Miq.) Uitt. (S.67208)  
Petagar kua-kua (Ked)  
Sedge, alluvial forest.  
Used in *air masak*.
2. *Paramapania radians* (C.B. Clarke) Uittien (S.67226)  
Sai gunung (Ked)  
Sedge in lowland mixed dipterocarp forest.  
As hair dye and to prevent baldness. Soak plant in some water and use the solution for shampoo.

**DILLENACEAE**

- Tetracera korthalsii* Miq. (S.67220)  
Empalas perempuan (Ked), Mempelas (Ib)  
Climber in alluvial forest.
- (i) Used in *air masak*.
  - (ii) For cough. Boil roots and drink the concoction.
  - (iii) For blood in stool. Pound roots and boil to make a drink.

**DIPTERIDACEAE**

- Dipteris lobbiana* (Hook.) T. Moore (S.67251)  
Petagar batu (Ked)

Terrestrial fern on rocks by river bank.

- (i) Used in *air masak*.
- (ii) As a tonic and aphrodisiac. A drink is prepared by boiling the rhizomes together with all *petagar* (*Dipteris*) species.

**DRYOPTERIDACEAE**

1. *Tectaria lobii* (Hook. f.) Copel (S.67252)  
Langgitu batu (Ked)

Terrestrial fern on rocks by river bank.

- (i) Used in *air masak*.
- (ii) For treatment of convulsion. Boil roots to make a drink.

2. *Tectaria pleisora* (V. A. V. R.) C. Christ. (S.67202)  
Lemiding hutan (Ked)

Fern in alluvial forest.

- (i) Used in *air masak*.
- (ii) To treat difficulty in urination. A tea is prepared by boiling the roots.

**EUPHORBIACEAE**

1. *Glochidion lutescens* Bl. (S.67244)  
Tidur-tidur (Ked), Manyam (Ib)

Small tree in secondary forest.

For swollen muscles. Crush leaves, add *jintan hitam* (fennel seed) and shallot to make a poultice.

2. *Macaranga gigantea* Muell.-Arg. (S.67229)  
Makubong (Ked)

Common tree in secondary forest.

For ulcer or fungal infection of the mouth. Rub red sap from fresh plant on the affected part.

**FLACOURTIACEAE**

*Flacourtia rukam* Zoll. et Mor. (S.67217)  
Ukam (Ked), Rukam (Ib)

Small tree in secondary forest.

- (i) Used in *air masak*.
- (ii) For headache and gastritis. Boil roots with roots of *Schefflera tetrandra* Merr. Drink the concoction.

**GRAMINEAE**

*Eriachne pallescens* R. Br. (S.67253)  
Hunai batu (Ked)

Grass on rock by river bank.

Used in *air masak*.

**HYMENOPHYLLACEAE**

1. *Trichomanes javanicum* Blume (S.67204)  
Petagar langkubok (Ked)

Fern in alluvial forest.

Used in *air masak*.

2. *Trichomanes javanicum* Blume (S.67257)  
Petagar Fatimah (Ked)

Terrestrial fern on rock by river bank.

Used in *air masak*.

**HYPOXIDACEAE**

*Curculigo villosa* Wall. (S.67210)  
Lemba bai (Ked), Lemba babi (Ib)

Herb in alluvial forest.

To treat diarrhoea or loose stool. Soak roots in warm water and drink the solution.



**MELASTOMATACEAE**

1. *Anerinclaistus grandiflorus* Ridl. (S.67201)  
Uduk-uduk (Ked)  
Small herb in alluvial forest.  
Used in *air masak*.
2. *Memecylon longifolium* Cogn. (S.67207)  
Petagar telinga basing (Ked)  
Small tree in alluvial forest.  
Used in *air masak*.

**MENISPERMACEAE**

1. *Fibrauea tinctoria* Lour. (S.67242)  
Dara lang perempuan (Ked)  
Climber in alluvial forest.  
To treat *badan kuning* or jaundice. A drink is prepared by boiling its roots with those of *Tinomiscium* sp. of the same family.
2. *Tinomiscium* sp. (S.67237)  
Langkunis (Ked)  
Climber in alluvial forest.  
The Kedayan believe that jaundice may be caused by *kelulut* or bad spirits resulting in swollen and hardened stomach and body and eyes turning yellow, and the patient eventually dies. A drink is prepared by boiling the roots and stem.  
It is a taboo or *pantang* to eat papaya, watermelon or jackfruit during the treatment.

**MORACEAE**

1. *Artocarpus elasticus* Reinw. ex Blume (S.67218)  
Timbaan lampong (Ked)  
Tree in secondary forest. The fruits are edible.
  - (i) Used in *air masak*.
  - (ii) To help mothers recover after child birth. Boil roots to make a tonic drink.

2. *Ficus bruneiensis* Corner (S.67215)  
Lamak-lamak (Ked), Tempan (Ib)  
Epiphytic fig in secondary forest.  
(i) Used in *air masak*.  
(ii) As an aphrodisiac and to regain energy. Boil roots with roots of *petagar kumbang* ( not identified) to make a tonic drink.
3. *Ficus deltoidea* Jack var. *deltoidea* Corner (S.67255)  
Akar binalu (Ked)  
Epiphytic fig in secondary forest.  
(i) Used in *air masak*.  
(ii) To treat convulsion in babies. The leaves are burnt together with leaves of *Goniothalamus* sp. (Annonaceae), onion skin, betel nut skin and *engkulut hantu* (not identified) to produce a smoke. Warm baby over the smoke.
4. *Ficus obpyramidata* King (S.67232)  
Pangku anak (Ked), Engkeruroh (Ib)  
Common tree in riparian forest. The fruits are eaten by fish.  
To treat infertility in women. Slice roots and dry. Boil roots in water to make a drink. Take daily until sign of pregnancy.

## MYRTACEAE

1. *Eugenia*(*Syzygium*) *tawahense* Korth. (S.67236)  
Uba ambat (Ked), Ubah samak (Ib)  
Tree in lowland mixed dipterocarp forest.  
For blood in stool and diarrhoea. Crush inner bark and boil to make a drink. A stronger drink is made by adding *kelabit buaja* (*Spatholobus macropterus* Miq., Leguminosae).
2. *Tristaniopsis beccarii* Ridl. (S.67245)  
Selusoh beranak (Ked), Selunsur (Ib)  
Tree in secondary forest.  
To ease labour pain. Collect the peeling bark and boil to make a tea to be taken just before giving birth or after the eighth month of pregnancy.

**OLACACEAE**

*Strombosia ceylanica* Gardn. (S.67240)  
Siga'ap (Ked), Belian landak (Ib)

Medium- sized tree in alluvial forest.

- (i) Used in *air masak*.
- (ii) For rheumatism and swollen joints. Boil roots to make a drink.

**ORCHIDACEAE**

1. *Bulbophyllum* sp.  
Petagar lukut (Ked)

Epiphytic orchid in alluvial forest.

To stop diarrhoea. Boil roots and bulbs in water to prepare a concoction for drinking.

2. *Eria brooksii* Ridl. (S.67224)  
Tawar-tawar (Ked)

Epiphytic orchid in lowland mixed dipterocarp forest.

For relieving headache and migraine. Soak roots and leaves in rice water (*air beras*) together with roots of *seliwah hutan* (not identified). Use the solution as a shampoo.

**PALMAE**

1. *Pinanga lepidota* Rendle (S.67228)  
Petagar pisa-pisa (Ked)

Small palm in lowland mixed dipterocarp forest.

- (i) Used in *air masak*.
- (ii) For headache and migraine. Boil roots together with roots of *uduk-uduk*, *samba pisa*, *samba begangan* and *samba burung* (not identified). Drink the solution.

2. *Pinanga crassipes* Becc.ex Winkler (S.67264)  
Pinang laka (Ked)

Palm in alluvial forest.

For blood in stool. Boil the aerial roots together with aerial roots of *palah* (not identified). Drink the solution.

3. *Pinanga albescens* Bl. (S.67268)  
Pinang (Ked)

A palm of the inland river banks.

For blood in stool. The roots are boiled together with those of *pinang laka* (*Pinanga crassipes*, S.67264) to make a drink.

### POLYGALACEAE

1. *Xanthophyllum ecarinatum* Chodt. (S.67266)  
Kayu labu (Ked)

Treelet in lowland mixed dipterocarp forest.

Used in *air masak*.

2. *Xanthophyllum macrophyllum* Baker (S.67248)  
Kayu labu (Ked)

Treelet in semi-kerangas forest.

Used in *air masak*.

### POLYPODIACEAE

- Drynaria sparsisora* (Desv.) T. Moore (S.67227)  
Lukut (Ked)

Epiphytic fern in lowland mixed dipterocarp forest.

As a contraceptive for women. Boil the rhizomes together with those of an *Asplenium* sp. Take the solution daily for one week. Can cause abortion if taken during the first to second month of pregnancy.

### RHAMNACEAE

- Zizyphus havilandii* Ridl. (S.67230)  
Sunit kayu (Ked)

Thorny climber in alluvial forest.

For blood in stool and to stop diarrhoea. Boil roots together with roots of *Rubus glomeratus* Blume (Rosaceae). Drink the solution.

**ROSACEAE**

*Rubus glomeratus* Blume (S.67211)  
Langgamit (Ked.), Emperingat (Ib)

Thorny scrambler in secondary forest.

For blood in stool and to stop diarrhoea. Boil roots together with roots of *Zizyphus havilandii* Ridl. to make a drink.

**RUBIACEAE**

*Psychotria* sp. (S.67267)  
Pijar kumbang (Ked)

Creeper in mixed dipterocarp forest.

To treat burns. Crush plant, add some coconut milk and apply solution using cotton wool.

**SAPINDACEAE**

*Lepisanthes amoena* (Hassk.) Leenh. (S.67222)  
Langir siam (Ked), Engkelili (Ib)

Trelet in lowland mixed dipterocarp forest.

To drive away malevolent spirits. Crush leaves and soak in water. Use the solution for bathing.

**SCHIZAEACEAE**

*Lygodium macrophyllum* (Cav.) R. Br. (= *Lygodium scandens* (L.) Sw.) (S.67216)  
Petagar langgituk (Ked), Remat padi (Ib)

Slender sun-loving scrambler in secondary forest.

Used in *air masak*.

**SELAGINELLACEAE**

1. *Selaginella lobbii* Veitch (S.67241)  
Siti Fatimah laki (Ked)

Herb in alluvial forest.

Used in *air masak*.

2. *Selaginella rugulosa* Cesati (S.67203)  
 Bunga Siti Fatimah perempuan (Ked)  
 Herb in alluvial forest.  
 Used in *air masak*.

#### SIMAROUBACEAE

- Eurycoma longifolia* Jack (S.67248)  
 Kabal-kabal beruang (Ked)  
 Treelet in sandy soil in semi-kerangas forest.  
 (i) Used in *air masak*.  
 (ii) For high blood pressure, diabetes and weak liver. Boil roots to make a drink.

#### SMILACACEAE

1. *Smilax cf. laevis* Wall. (S.67265)  
 Petagar Ali (Ked)  
 Treelet in lowland mixed dipterocarp forest.  
 Used in *air masak*.
2. *Smilax odoratissima* Blume (S.67213)  
 Petagar gajah perempuan (Ked), Merudang (Ib)  
 Climber common in secondary forest.  
 Used in *air masak*.

#### STERCULIACEAE

- Sterculia stipulata* Korth. (S.67269)  
 Biris punggung (Ked)  
 Tree along inland river bank.  
 (i) Used in *air masak*.  
 (ii) For backache. Boil roots to make a drink.

**URTICACEAE**

*Poikilospermum suaveolens* (Bl.) Merr. (S.67260)  
Kendatul (Ked), Entaban (Ib)

Epiphyte on tree in riparian forest.

For blisters or ulcers in mouth and tongue. Boil roots in some water. Rub the infusion on the wound and use infusion for rinsing.

**ZINGIBERACEAE**

*Costus* sp. (S.67205)  
Daun tawar-tawar (Ked)

Herb in alluvial forest.

For severe headache and migraine. Soak roots in warm water. Sprinkle solution on forehead or use as a shampoo.

#### 4.6 A LIST OF PLANTS USED BY THE KEDAYAN IN THE PREPARATION OF *AIR MASAK*

Paul P. K. Chai

**Note:**

- *Air Masak* is a tonic drink for preventing sickness and maintaining health. To prepare the concoction, dry materials before use. Mix all 48 varieties of plants together. Add a little bit of *jintan hitam* (fennel seed) and shallot. Boil in water to make a drink. Half a cup is to be taken daily.

	Kedayan name	Part used
<b>ANNONACEAE</b>		
(i) <i>Goniothalamus tapis</i> Miq.	Lakom	Roots
(ii) <i>Goniothalamus velutinus</i> Airy Shaw	Kayu hujan panas	Roots
<b>ANISOPHYLLEACEAE</b>		
(i) <i>Anisophyllea disticha</i> (Jack) Baill.	Petagar ambun-ambun	Whole plant
(ii) <i>Anisophyllea</i> cf. <i>scortechinii</i> King.	Petagar ambun perempuan	Whole plant
<b>AQUIFOLIACEAE</b>		
<i>Ilex cissoidea</i> Loes	Nya'as	Roots
<b>ARALIACEAE</b>		
<i>Schefflera tetrandra</i> Merr.	Petagar harimau	Roots
<b>ASPLENIACEAE</b>		
(i) <i>Asplenium salignum</i> Bl.	Petagar perempuan	Roots
(ii) <i>Asplenium scolopendroides</i> J. Sm. ex. Hook	Petagar laki	Roots
<b>CYPERACEAE</b>		
<i>Mapania cuspidata</i> (Miq.) Uittien	Petagar kua-kua	Roots
<b>DENNSTAEDTIACEAE</b>		
(i) <i>Lindsaea borneensis</i> Hook.	Paku empuan	Roots
(ii) <i>Lindsaea parallelogramma</i> V.A.V.R.	Rumput Siti Fatimah	Roots
<b>DILLENACEAE</b>		
<i>Tetracera korthalsii</i> Miq.	Empalas perempuan	Roots
<b>DIPTERIDACEAE</b>		
<i>Dipteris lobbiana</i> (Hook.) Moore	Petagar batu	Roots



	Kedayan name	Part used
<b>DRYOPTERIDACEAE</b>		
(i) <i>Tectaria lobbii</i> (Hook. f.) Copel	Langitu batu	Roots
(ii) <i>Tectaria pleiosora</i> (V.A.V.R.) C. Chr.	Lemiding hutan	Roots
<b>FLACOURTIACEAE</b>		
<i>Flacourtia rukam</i> Zoll. et Mor.	Ukam	Roots
<b>GRAMINEAE</b>		
<i>Eriachne pallescens</i> R. Br.	Hunai batu	Roots
<b>HYMENOPHYLLACEAE</b>		
(i) <i>Trichomanes javanicum</i> Bl.*	Petagar Fatimah	Whole plant
(ii) <i>Trichomanes javanicum</i> Bl.*	Petagar langkubok	Whole plant
<b>LAURACEAE</b>		
<i>Cinnamomum microcarpum</i> Kosterm.	Medang lawang	Roots
<b>LEGUMINOSAE</b>		
<i>Fordia coriacea</i> Dunn	Santawi	Roots
<b>LILIACEAE</b>		
(i) <i>Smilax</i> cf. <i>laevis</i> Wall.	Petagar Ali	Roots
(ii) <i>Smilax leucophylla</i> Bl.	Petagar gajah laki	Roots
(iii) <i>Smilax odoratissima</i> Bl.	Petagar gajah perempuan	Roots
<b>LYCOPODIACEAE</b>		
<i>Lycopodiella cernua</i> (L.) Pic. (= <i>Lycopodium cernuum</i> L.)	Tapuk-tapukan	Whole plant
<b>MARANTACEAE</b>		
(i) <i>Pachelophrynium maximum</i> (Bl.) K. Schum.	Bemban lemantak	Roots
(ii) <i>Phrynium capitatum</i> Wild*	Daun ririk buaja	Roots
(iii) <i>Phrynium capitatum</i> Wild*	Doni jerning	Roots
<b>MELASTOMATACEAE</b>		
(i) <i>Anerinckleistus grandiflorus</i> Ridl.	Uduk-uduk	Roots
(ii) <i>Memecylon longifolium</i> Cogn.	Petagar telinga basing	Roots
<b>MORACEAE</b>		
(i) <i>Artocarpus elasticus</i> Reinw ex Bl.	Timbaan lampong	Roots
(ii) <i>Ficus deltoidea</i> Jack var. <i>deltoidea</i> Corner	Akar binalu	Leaves

\* Mr. Kipli recognised two varieties in each of the same species.

	Kedayan name	Part used
<b>OLACACEAE</b> <i>Strombosia ceylanica</i> Gardn.	Siga'ap	Roots
<b>PALMAE</b>		
(i) <i>Licuala</i> sp.	Petagar silat	Roots
(ii) <i>Pinanga</i> sp. 1	Petagar pisa-pisa	Roots
(iii) <i>Pinanga</i> sp. 2	Petagar pinang	Roots
(iv) <i>Pinanga</i> sp. 3	Petagar antan	Roots
<b>POLYGALACEAE</b>		
(i) <i>Xanthophyllum ecarinatum</i> Chod.	Kayu labu	Roots
(ii) <i>Xanthophyllum macrophyllum</i> Baker	Kayu labu	Roots
<b>SELAGINELLACEAE</b>		
(i) <i>Selaginella lobbii</i> Veitch	Bunga Siti Fatimah perempuan	Roots
(ii) <i>Selaginella rugulosa</i> Cesati	Bunga Siti Fatimah perempuan	Roots
<b>SCHIZAEACEAE</b>		
<i>Lygodium scandens</i> (L.) Sw.	Petagar langituk	Roots
<b>SIMAROUBACEAE</b>		
<i>Eurycoma longifolia</i> Jack	Kabal-kabal beruang	
<b>SMILACACEAE</b>		
(i) <i>Smilax</i> cf. <i>laevis</i> Wall.	Petagar Ali	Roots
(ii) <i>Smilax leucophylla</i> Bl.	Petagar gajah laki	Roots
(iii) <i>Smilax odoratissima</i> Bl.	Petagar gajah perempuan	Roots
<b>STERCULIACEAE</b>		
<i>Sterculia stipulata</i> Korth.	Biris punggung/Doni jerning	Roots
<b>ULMACEAE</b>		
<i>Trema orientalis</i> (L.) Bl.	Hati dagung anding	Roots





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