

CHECKLIST OF SECONDARY FOREST TREES  
IN EAST AND SOUTH KALIMANTAN, INDONESIA

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The Tropenbos Foundation  
Wageningen, The Netherlands  
1995





## INTRODUCTION

After completion of our manual 'Trees of the Balikpapan - Samarinda area, East Kalimantan, Indonesia' which includes the 280 most important tree species of mainly primary forest, the production of a manual to the trees of the secondary forest was considered an urgent necessity. Deforestation in Kalimantan has already led to millions of hectares of more or less severely degraded forest. The floristic composition of this secondary forest (Belukar) significantly differs from the primary rain forest with the number of species generally much lower. Belukar is nowadays spread over most of the eastern parts of South and East Kalimantan and its potential for reforestation and utilization has recently been stressed within the Indonesian forestry community.

For a first inventory of the botanical diversity in secondary forests in Kalimantan we consulted the collections at the Wanariset Herbarium, Herbarium Bogoriense, and the Rijksherbarium / Hortus Botanicus Leiden. We also compiled data for the different genera from literature (revisions, monographs) as well from herbarium labels.

For many species it was not possible to decide whether a taxon was restricted to secondary forest only, as information was either too meagre or contradictory. Nevertheless we included these species in order to be as complete as possible. The term 'trees' has been interpreted in a broad sense, as we include also some characteristic shrub species (Lantana, Melastoma etc.).

All species are recorded by family and genus in alphabetical order. The scientific name is given, then vernacular names if available (language in brackets, B = Dajak Benuag, M = Malay/Indonesia, D = Dajak), distribution in Borneo (SB = Sabah, BR = Brunei, SR = Sarawak, KW = West Kalimantan, KC = Central Kalimantan, KE = East Kalimantan, KS = South Kalimantan), some notes on size, ecology etc., and material from East and South Kalimantan present in the Wanariset Herbarium or Rijksherbarium/Hortus Botanicus Leiden.

## ACKNOWLEDGEMENTS

We wish to thank all specialists at the Rijksherbarium/Hortus Botanicus Leiden who kindly helped us in the identification of some of the collections. We also like to thank the directors of the herbaria at BO and L whose collections we studied intensively.

Prof. Dr. C. Kalkman and Dr. M.M.J. van Balgooy critically read the manuscript.

We are also grateful to the Agency for Forestry Research and Development, Ministry of Forestry, Jakarta, Indonesia and the Tropenbos Foundation, Wageningen, The Netherlands, who made this study possible.

The herbarium technicians Ambriansyah and Arifin Zainal, International MOF Tropenbos-Kalimantan Project, made many collections in the vicinity of Wanariset and provided many new data.

## ACTINIDIACEAE

### SAURAUIA

*S. euryphylla* Airy Shaw

KE

Meijer 2152, 2296 B

*S. heterosepala* Merr.

SR, KS

Kartawinata 834, 990, 1006

*S. javanica* (Nees) Hoogland

SB, SR, KE, KS

Kartawinata 794, Rahayu 113, de Vogel 711

## ALANGIACEAE

### ALANGIUM

*A. griffithii* (Clarke) Harms

SB, KE

Amdjah 807, Forman 446

*A. hirsutum* Bloemb.

SB, SR, KE

Hallier 3238

*A. javanicum* (Blume) Wangerin

Lajik (D), Ridan (D).

SB, BR, SR, KW, KE

In primary but often also in secondary vegetation. Pulp edible.

Ambriansyah & Arifin Zainal AA 25, Ambriansyah & Arifin Zainal W 475, Boschproefstation bb 16932, bb 26597, bb 29060, Hallier 1231, Kade Sidiyasa S 576, Kostermans 5383, 6230, 6489, 6599, 8915, 13256, Paymans 180, Sauveur 20

*A. longiflorum* Merr.

SB, SR, KW, KE

Ambriansyah & Arifin Zainal W 1026, Burley et al. 2659, Kostermans 10625, 13599, Leighton 1054

*A. nobile* (Clarke) Harms

SB, SR, KW, KE

Burley et al. 2595, Kostermans 9971

*A. nobile* (Clarke) Harms var. *denudatum* Bloemb.  
KE  
Leighton 1020

*A. ridleyi* King  
Bangkala (M).  
SB, BR, SR, KE  
Ambriansyah & Arifin Zainal W 395, W 518, Boschproefstation bb 34714,  
bb 34781, bb 35040 Kostermans 10178, 21328, Leighton 108, Sauveur 141

*A. scandens* Bloemb.  
SB, SR, KE  
Rare in secondary forest, on limestone.  
Kostermans 5478

## ANNONACEAE

### ALPHONSEA

*A. javanica* Scheff.  
SB, BR, SR, KW, KC, KE  
In secondary forest, often along streams.  
Ambriansyah & Arifin Zainal AA 398, AA 405, Kostermans 9907, 13977

### ANNONA

*A. muricata* L.  
Sirsak (M), nangka belanda (M).  
SB, BR, SR, KW, KC, KE, KS  
Fruit tree introduced from tropical America.  
Ambriansyah & Arifin Zainal W 322

### CANANGA

*C. odorata* (Lam.) Hook. f. & Thomson  
Kenanga (M), Kasar (B).  
SB, BR, SR, KW, KC, KE, KS  
Wild and cultivated for its fragrant flowers, usually abundant in villages.  
Ambriansyah & Arifin Zainal AA 136, Ambriansyah & Arifin Zainal W 229,  
Ender 2167, Enoh 332, Kostermans 5275, 6819, Laumonier 1289, Leighton  
224

## MEIOGYNE

### *M. virgata* Miq.

SB, BR, SR, KW, KC, KE, KS

In secondary , but also primary forest.

Ambriansyah & Arifin Zainal AA 332, AA 366, AA 552, Boschproefstation  
bb 2462, Burley et al. 2769, Endert 4618, Hallier 2901, Kostermans 6903,  
5302, 8907, 8912, 9720, 13298, Mondi 216, Veldkamp 8319, Wiriadinata  
270

## APOCYNACEAE

### ALSTONIA

### *A. angustiloba* Miq.

Pulai gunung (M), pulantan (M).

SB, BR, SR, KE

Common in secondary forest.

Ambriansyah & Arifin Zainal W 593, W 972, Boschproefstation bb 14202,  
bb 16069, bb 18857, bb 24733, Endert 1962, Kade Sidiyasa S 279, S 474,  
Kostermans 6456, 6786, 9559, Sauveur 87

## AQUIFOLIACEAE

### ILEX

### *I. borneensis* Loes.

SR, KW, KE

Shea 26834, 27131

### *I. cissoides* Loes.

SB, SR, KW, KE

Boschproefstation bb 2119, bb 13962, Endert 1732, 1837, Halle TFB 1216,  
Hallier 905, Laumonier TFB 1216, Shea 26054, 27561

### *I. cymosa* Blume

Kamasira putih (M).

Very often in secondary forest, but also common near sea coast in  
Oncosperma forest.

SB, BR, SR, KW, KE, KS

Ambriansyah & Arifin Zainal AA 121, Ambriansyah & Arifin Zainal W 376,  
W 585, W 691, Amdjah 61, 997, Dachlam 19923, Hallier 997, 1067, 1159,  
1269, 1270, 2561, Kade Sidiyasa S 281, S 633, Kartawinata 1402,  
Kostermans 5172, 5191, 7138, 7159, 8073, 9232, 9235, 10296, 21685,  
Main 1095, Meijer 1095, Shea 23988, 27251, 27310, van Valkenburg 1241

*I. hypoglauca* (Miq.) Loes.

SR, KW, KE  
Kostermans 4704

*I. laurocerasus* Airy Shaw

SB, KW, KE  
Hallier 2875, Kostermans 10074, 12957

*I. triflora* Blume

SB, SR, KE  
Hallier 2471, 2483, Teijsmann 11237

## ARALIACEAE

### ARTHROPHYLLUM

*A. diversifolium* Blume

SB, BR, SR, KW, KE, KS  
Burley et al. 589, Buwalda 7973, Endert 1542, Kostermans 10622, Polak 498,  
Shea 26769, 26990, 27071, 27833

## BORAGINACEAE

### PTELEOCARPA

*P. lamponga* (Miq.) Bakh. ex Heyne

Mentugal (D), tubulo (D).

SB, KE

Ambriansyah & Arifin Zainal W 584, W 966, Kade Sidiyasa S 581

## CASUARINACEAE

### CASUARINA

*C. equisetifolia* L.

Cemara laut (M).

A pioneer tree on sandy coasts, provides very good firewood.

SB, BR, SR, KW, KC, KE, KS

Becking 58, Boschproefstation bb 35089, bb 35090, bb 35091, Esche 7, 8,

Kessler 579, Mondi 210, Polak 246



## GYMNOSTOMA

*G. nobile* (Whitmore) L.A.S. Johnson  
SB, BR, SR, KW, KC, KE, KS  
Boschproefstation bb 29719, Enoh 420, Hallier 2309, Polak 694, Sulaiman 3

*G. sumatranum* (Jungh. ex de Vriese) L.A.S. Johnson  
SB, BR, SR, KW, KC, KE, KS  
Boschproefstation bb 7925, bb 18233, bb 29201, bb 32379, bb 32428, Hallier  
543, Kostermans 9265, 12780, Pfeiffer 33, Ridsdale & Sidiyasa PBU 492,  
PBU 659, Winkler 3058,

## CHRYSOBALANACEAE

### LICANIA

*L. splendens* (Korth.) Prance  
Common in secondary forest.  
SB, BR, SR, KW, KE  
Ambriansyah & Arifin Zainal W 411, W 576, W 588, W 954, W 957, W  
968, Boschproefstation bb 9535, bb 10545, bb 12887, bb 16971, bb 19068,  
Hallier 896, Kade Sidiyasa S 282, S 635, Kostermans 6363, 6390, 6641,  
6881, 7048, 7077, 8084, 21095, 21586, Leighton 982, Sauveur 79, Winkler  
3408

### MARANTHES

*M. corymbosa* Blume  
Parada (M), putih bunga (M), ungo (D), sibom (D).  
SB, SR, KE  
Fruit edible.  
Ambriansyah & Arifin Zainal AA 154, Ambriansyah & Arifin Zainal W 883,  
W 969, Boschproefstation bb 12892, bb 14654, bb 10584, 17768, bb 17814,  
bb 25133, bb 26685, bb 32351, Kade Sidiyasa S 495, S 808, Kostermans  
4289, 4376, 5424, 5974, 6573, 13856, 21103, bb 34699, Leighton 366,  
Nedi & Kostermans 740, Sabana 25, 27

## COMPOSITAE

### VERNONIA

*V. arborea* Hamilton  
Merembung (M), merambung (M), mung balug (B), tepung-tepung (M).  
SB, BR, SR, KW, KC, KE, KS  
Almost exclusively in secondary forest.  
Afriastini 342, Ambriansyah & Arifin Zainal W 85, Amdjah 138, Argent &

Sidiyasa GA 9311, Boschproefstation bb 13917, bb 14953, Burley et al. 492, Delmaar 1914, Endert 1974, Giesen 188, Hallier 303, 899, 1297, 1613, 2497, 2962, Kahori 2011, Kade Sidiyasa S 278, S 637, Kartawinata 821, Kato & Wiriadinata 6833, Kato et al. 8428, Kostermans 5076, 7385, Leeuwenberg & Rudjiman 13104, Mondri 202, Sauveur 1157, Shea 23241, 26056, 26077, 26189, van Valkenburg 1242

## CRYPTERONIACEAE

### CRYPTERONIA

*C. griffithii* Clarke

Dugin (Dayak).

SB, SR, KE

In primary and secondary forest.

Boschproefstation bb 16551, Kostermans 5803, 7047, 7277A, 9046, 9206, 9772, 10707, Paymans 130, 153

## DATISACEAE

### OCTOMELES

*O. sumatrana* Miq.

Binuang bini (M), benuang (B).

SB, BR, SR, KW, KE

A fast growing tree, common in secondary forest, used for ply- and pulpwood.

Adjang 2039, Ajat 5, Ambriansyah & Arifin Zainal AA 680, Boschproefstation bb 2110, bb 7705, bb 13968, bb 18810, bb 19201, bb 23949, bb 23950, bb 24669, bb 26366, bb 28068, bb 28210, bb 33701, Endert 2185, Hallier 1211, 1846

## DILLENIAEAE

### DILLENIA

The whole genus is usually called tempuro in Dayak Benuag language.

*D. beccariana* Martelli

SB, SR, KE, KC

Usually in primary, sometimes in secondary forest.

Kostermans 8613, Meijer 2031, Mogeia 3468, 3519, 3613, Nootboom 4141, 4500, 4767, 4817, 4831, 4832, 5048, Ridsdale & Sidiyasa PBU 339, Veldkamp 8064, Wiriadinata 3513

*D. borneensis* Hoogland

Simpur rogung (M), jawan (D), riga (M).

SB, BR, SR, KW, KC, KE

Boschproefstation bb 13396, bb 18571, bb 28108, bb 34299, Kostermans 6579, 7216, Ridsdale & Sidiyasa PBU 282, PBU 626, Wiriadinata 3598

*D. excelsa* (Jack) Gilg var. *excelsa*

Kendikara (M), alang-alung (D), selegara (M).

SB, BR, SR, KW, KC, KE, KS

Afriastini 940, Alston 13434, Ambriansyah & Arifin Zainal AA 448, Ambriansyah & Arifin Zainal W 515, W 552, Boschproefstation bb 2104, bb 2164, bb 8202, bb 13401, bb 25130, bb 26040, bb 29228, Endert 1421, 5187, Hallier 220, Kostermans 5264, 13295, 21217, 21551, bb 34674, Leighton 428, Main 2145, Mogeia 2610, Nooteboom 4087, 4435, 4727, Rahayu 134, 144, Ridsdale & Sidiyasa PBU 608, Schut 35, Winkler 1302, Wiriadinata 1333, 3451

*D. excelsa* (Jack) Gilg var. *tomentella* (Martelli) Masam.

Kendikara (M), alang-alung (D), selegara (M).

SB, KE

Boschproefstation bb 16224, bb 16964, bb 26220

*D. eximia* Miq.

Simpur jangkang (M), ketang bajut (D), soretang (D), tempurau (D).

SB, SR, KW, KE

Usually found in primary forest, sometimes also in secondary vegetation.

Boschproefstation bb 16144, bb 16145, bb 16251, bb 16806, bb 16815, bb 16830, bb 17140, bb 18133, bb 18572, bb 26602, bb 26864, bb 34339, bb 34381, bb 43400, Endert 4832, 5077, Hallier 1292, Kostermans 6231, 6730, Sauveur 45, Schut 16

*D. indica* L.

Simpur air (M), simpur batu (M), kayu assaham (M).

SB, BR, SR, KE, KS

Endert 2347, Gen Murata et al. 4315, 4329, Ridsdale & Sidiyasa PBU 519, Winkler 2710

*D. pulchella* (Jack) Gilg

SB, SR, KW

Main 1782

*D. reticulata* King var. *psilocarpella* Hoogland

SR, KE

Boschproefstation bb 14961, Leighton 348, 372

*D. suffruticosa* (Griff.) Martelli

Simpur bini (M).

SB, BR, SR, KC, KE, KS

Very common and widespread on waste land.

Ambriansyah & Arifin Zainal W 224, Amdjah 917, Dransfield & Hambali  
4339, Enoh 290, Gen Murata 4547, Polak 680

*D. sumatrana* Miq.

KE

Kostermans 21551, Leighton 369

## ELAEOCARPACEAE

### ELAEOCARPUS

Usually "genitri" is used as vernacular name for the whole genus.

*E. angustifolius* Blume

SB, KW, KE

Usually in secondary forest, often persisting as a component of primary forest.

Boschproefstation bb 13973, Kostermans 10297A, Shea 26946, 27157

*E. ferrugineum* (Jack) Steud.

BR?, KE

Ambriansyah & Arifin Zainal W 103, W 323, W 695

*E. floribundus* Blume

SB, SR, KW, KE

Frequent in the lowland forest.

Boschproefstation bb 11188, bb 24629, bb 28129, bb 34315, Kade Sidiyasa  
S 652, Kessler 575, Kostermans 4077, 4332, 9774, 10070

*E. glaber* Blume

SB, SR, KE

In primary as well as secondary forest, often beside rivers.

Ambriansyah & Arifin Zainal AA 417, AA 550, AA 556, van Balgooy 6205,  
Boschproefstation bb 2594, Endert 2133, Hallier 1128, Kostermans 7781,  
9040, 10780, 13843, 21377, Ramli 1884, 2165, Romburgh 74

*E. griffithii* (Wight) A. Gray

SB, BR, SR, KW, KC, KE, KS

In primary and secondary swampy forest, usually of low altitudes.

Ambriansyah & Arifin Zainal W 227, Amdjah 86, van Balgooy 5904, 6131,  
Boschproefstation bb 2078, Endert 1544, 1948, 2028, bb 17089, Enoh 300,  
Kato et al. 8463, Kostermans 26, 6050, 7746, Meijer 1097, Nedi 768, Polak  
403A

*E. macrocerus* (Turcz.) Merr.

BR, KE, KS

Secondary forest, often along streams and estuaries.

Ambriansyah & Arifin Zainal AA 590, Amdjah 46, van Balgooy 6206, Boschproefstation bb 2092, bb 9325, bb 11603, Hallier 13, Kostermans 8105, 10295, Polak 514

*E. palembanicus* Corner

SB, BR, SR, KC, KE, KS

In primary and secondary forest up to 1500 m altitude.

Buwalda 7752, Endert 3636, 3844, Kostermans 8080, 10260, 10332, 12696, Mogeia 3827, 3999, Winkler 3303

*E. pedunculatus* Wall.

SB, BR, SR, KE

Very common in primary and secondary forest.

Boschproefstation bb 34449, Endert 4286, 4311, 5052, Hallier 2468, Kostermans 4336, 4531, 6564, 6680, 7133, 8962, 9816, 10086, Paymans 84

*E. sphaeroblastus* Stapf ex Ridl.

SB, SR, KW, KE

In primary as well as in secondary forest.

Endert 3097, 3531, Kostermans 10643, 13154, Winkler 239

*E. stipularis* Blume

SB, BR, SR, KW, KC, KE, KS

Very common in primary as well as in secondary forest.

Variable species!

Afriastini 303, Ambriansyah & Arifin Zainal AA 103, AA 143, AA 736, Ambriansyah & Arifin Zainal W 254, Amdjah 80, 991, 1087, van Balgooy 6207, Boschproefstation bb 7087, bb 26849, Dachlam 2051, Delmaar 1910, Endert 1810, 2273 3163, 3198, 3466, 4467, 4844, 4871, Forman 515, Hallier 2515, Jaheri 646, Kade Sidiyasa S 652, S 1039, Kato et al. 7734, Kessler 575, Kostermans 9, 4444, 4517, 4684, 4953, 6568, 8663, 9153, 9173, 9237, 10661, 12606, 12616, 13051, 13087, Leighton 555, Paymans 279, Sauveur 93, 1184, van Valkenburg 1176, Winkler 3349, Wiriadinata 291, 857

## EUPHORBIACEAE

### ACALYPHA

*A. caturus* Blume

SB, SR, KE, KS

Amdjah 623, Hallier 924, 990, Kartawinata 741, Kostermans 13419, Ramli 1931, van Slooten 2257, de Vogel 1014, 1015

## ALEURITES

*A. moluccana* (L.) Willd.

Kemiri (M), gerig (B).

SB, BR, SR, KE

The seeds are used in cooking and contain oil which is used to make soap and paint.

Ambriansyah & Arifin Zainal W 239

## ANTIDESMA

*A. ghaesembilla* Gaertn.

SB, SR, KW, KE, KS

Common in villages and open country.

Boschproefstation bb 15556, Endert 1985, 1986, Giesen 40, Winkler 3365

*A. leucopodium* Miq.

SB, BR, SR, KC, KE, KS

Burley et al. 477, Geesink 9182, Hallier 2906, Jaheri 674, 911, 1456, Kade Sidiyasa S 607, Kostermans 6836, Leighton 94, Mogeia 4005, Nootboom 4629, Rahayu 124, Veldkamp 8054, de Vogel 718

*A. neurocarpum* Miq.

SB, BR, SR, KC, KE, KS

Rather common treelet from primary and secondary forest.

Afriastini 85, 338, Ambriansyah & Arifin Zainal AA 64, Ambriansyah & Arifin Zainal W 127, W 303, W 540, Amdjah 269, 781, 801, 1063, Burley et al. 371, 620, 743, Buwalda 7954, Endert 2119, 2415, 2776, 3117, 3445, 3666, Forman 496, Hallier 2574, Jaheri 1609, Kade Sidiyasa S 607, Kartawinata 681, 1180, 1193, Kostermans 4322, 4464A, 4503, 4511, 6863, 7632, 9623, 9710, 10728, 10841, 12545, 13740, 21074, Leighton 298, 759, Maskuri 785, 790, 791, 795, Meijer 1936, Mogeia 3562, 3631, 4039, 4435, Nootboom 4709, 4851, Ramlanto 21, Sauveur 25, van Slooten 2124, 2187, 2204, Verhoef 87, Winkler 2248, 2316, Wiradinata 344, 592, 1167

*A. venenosum* J.J. Smith

SB, BR, SR, KC, KE

Amdjah 85, Burley et al. 584, Hallier 2724, Jaheri 171, 743, 1548, Kostermans 5164, Nootboom 4192, Winkler 2513, 3357

## APOROSA

*A. antennifera* (Airy Shaw) Airy Shaw

Pembaras pipit (M).

SB, SR, KC, KE

Ambriansyah & Arifin Zainal W 529, Boschproefstation bb 2488, Endert 4710, 4985, Kostermans 6490, 9138

- A. confusa* Gage  
SB, SR, KC, KE  
Amdjah 46, Endert 4700, Kostermans 4980, 13270, 13545
- A. frutescens* Blume  
KE  
Common along forest edges.  
Ambriansyah & Arifin Zainal W 20, W 66, W 302, W 548, van Balgooy 5861, Kade Sidiyasa S 1023, Kostermans 4287, 10171, Nedi 722, Wiriadinata 325
- A. grandistipula* Merr.  
SB, BR, SR, KW, KC, KE, KS  
Ambriansyah & Arifin Zainal W 97, W 396, W 530, Endert 5205, Forman 426, Jaheri 172, 1140, Kade Sidiyasa S 416, S 572, Kostermans 5186, 5364, 6554, 13248, 13441, 14003, Mogeia 4336, van Valkenburg 1128, Verhoef 93, Winkler 3356, Wiriadinata 1320
- A. lucida* (Miq.) Airy Shaw  
SB, BR, SR, KW, KC, KE, KS  
Afriastini 203, Ambriansyah & Arifin Zainal W 218, W 664, van Balgooy 5924, Endert 5070, Kade Sidiyasa S 580, S 1047, Kostermans 4976, 6096, Leighton 44, 544, Meijer 2599, Mogeia 4431, Nooteboom 4047, 4540, Veldkamp 8475, Winkler 3412, Wiriadinata 1191, 3602
- A. lunata* (Miq.) Kurz  
Empilung (M), besawo (D), jentikan (M), natutunden (M), tose (D).  
SB, SR, KC, KE  
Ambriansyah & Arifin Zainal W 399, W 483, Boschproefstation bb 26181, Endert 3374, Kostermans 4010, 6635, 13575
- A. nervosa* Hook. f.  
SR, KC, KE  
Ambriansyah & Arifin Zainal W 659, W 483, Endert 4931, Forman 449, 487, Kostermans 4231, 4966, 6469, 7069, 12623, 13580, 13583, Nooteboom 4331, Wiriadinata 1089, 1314, Zoefri Hamzah 18
- A. nitida* Merr.  
SB, BR, SR, KW, KC, KE, KS  
The aril is edible!  
Ambriansyah & Arifin Zainal AA 22, Ambriansyah & Arifin Zainal W 134, W 250, W 397, W 399, W 472, van Balgooy 5892, Kade Sidiyasa S 479, Kessler 587, Kostermans 7151, 7240, 12756, Veldkamp 8441

*A. subcaudata* Merr.

SB, BR, SR, KW, KC, KE, KS

Ambriansyah & Arifin Zainal AA 269, Ambriansyah & Arifin Zainal W 253,  
Endert 6057, Jaheri 1327, Kostermans 7036, Leighton 101

## AUSTROBUXUS

*A. nitidus* Miq.

SB, BR, SR, KW, KE, KS

Amdjah 477, Boschproefstation bb 7156, bb 32391, Hallier 2064, 3377, 3417,  
Jaheri 1036, Kostermans 12917, 12950

## BACCAUREA

*B. javanica* (Blume) Müll.Arg.

SB, BR, SR, KW, KC, KE

Afriastini 118, 198, 336, Boschproefstation bb 2662, bb 14422, bb 16062,  
16063, bb 26850, bb 29302, Endert 4806, 4884, 5064, Jaheri 694, 982,  
Kostermans 5673, 13584, Leighton 45, 378, Wiriadinata 1181

*B. lanceolata* (Miq.) Müll.Arg.

SB, BR, SR, KE, KS

Small cauliflorous tree from primary and secondary forest.

Burley et al. 588, Endert 1756, 1861, 1865, 2254, 3227, 3418, Geesink 9237,  
9281, Hallier 475, 1840, 2275, Kade Sidiyasa S 556, Kartawinata 776, 953,  
Kessler 555, Kostermans 4585, 5188, 5517, 10519, 21185, 21274, 21275,  
21457, de Vogel 855 Winkler 249, 2516, 2714, Wiriadinata 1308

*B. macrocarpa* (Miq.) Müll.Arg.

Kapul (M), mawooi (B).

SB, SR, KE

Fruit tree, aril yellow, often sold in markets.

Ambriansyah & Arifin Zainal W 663, Kade Sidiyasa S 432, Kartawinata  
1440, Leighton 9, Maskuri 119, Wiriadinata 1149

*B. minor* Hook. f.

SB, BR, SR, KE

Kostermans 5530, 7149, 9137, 10807, Leighton 156, Meijer 2528, Paymans  
146, 166

*B. motleyana* (Müll.Arg.) Müll.Arg.

Rambai (B).

SB, SR, KC, KE

Fruit tree, cultivated in orchards. Fruits of Rambai and Langsat (Lansium) are  
very much alike, Langsat, however has pinnate leaves and 5-seeded fruits (3-  
seeded in *Baccaurea*).

Main 1774, Maskuri 121, Wiriadinata 1163



*B. racemosa* (Reinw.) Müll.Arg.

Jantikan (M).

SB, BR, SR, KC, KE

Forman 425, 447, 480, Kostermans 21020, 21577, 21578, Maskuri 127,  
Nooteboom 4403, 4467A

*B. trigonocarpa* Merr.

SB, SR, KC, KE

Endert 2419, 4865, 5208, Jaheri 1184, Kostermans 10639, Nooteboom 4680

## BLUMEODENDRON

*B. kurzii* (Hook. f.) J.J. Smith

Pelai (M).

SB, BR, SR, KE

Boschproefstation bb 10379, Endert 2657, 5110, Kostermans 5377, 6002,  
Sauveur 9

## BREYNIA

*B. coronata* Hook. f.

SB, BR, SR, KE

Geesink 9048

*B. racemosa* (Blume) Müll.Arg.

SB, SR, KW, KE

Boschproefstation bb 15591, Hallier 747, 1345, Kade Sidiyasa S 650

## BRIDELIA

*B. penangiana* Hook. f.

SB, BR, SR, KC, KE, KS

Boschproefstation bb 24683, Kostermans 8075, 21005A, Soegeng 710,  
Tukirin 501, Winkler 2942, 3160

## CHAETOCARPUS

*C. castanocarpus* (Roxb.) Thwaites

Batu (M), dengin bobo (D), lawang (B), kerupuk batu (M), rambai punai (M).

SB, BR, SR, KW, KC, KE, KS

The bristly green fruits are very characteristic.

Ambriansyah & Arifin Zainal W 80, W 162, W 557, W 901, W 942, Alston  
13287, van Balgooy 5925, 6073, 6139, Balgooy & Setten 5490A,  
Boschproefstation bb 7453, bb 14575, bb 16261, bb 16496, bb 16784, bb  
18848, bb 18858, bb 24740, bb 26159, bb 26224, bb 29350, bb 29272, bb  
29376, bb 34330, bb 34365, bb 34408, bb 34420, bb 34684, Endert 4833,  
Kato & Wiriadinata 7144, Kostermans 5777, 6362, 6396, 7236, 7953, 8614,

8642, 9123, 10088, 10808, 12739, 13946, 21097, 21252, Leighton 111,  
Sauveur 5, 6, 11, 120

## CLAOXYLON

*C. longifolium* (Blume) Endl. ex Hassk.

SB, SR, KE, KS

Burley et al. 382, Endert 3280, 4078, Giesen 22, Hallier 355, 3291,  
Kartawinata 746, 801, 819, 936, Kostermans 4853, 5846, 9832, 10602, de  
Vogel 982, 987

## CLEISTANTHUS

*C. megacarpus* C.B. Rob.

SB, SR, KE

Geesink 9331, Kato et al. 11792, 11813, Kostermans 5284, 5297, 13431,  
13345, 13724, 13725

*C. sumatranus* (Miq.) Müll.Arg.

Asam gunung (M).

SB, SR, KE, KS

Burley 857, Kostermans 7970, Mogeia 4429, Schut 24, Winkler 2378

## CROTON

*C. argyratus* Blume

Bekahalap (D).

SB, BR, SR, KW, KE, KS

Common in secondary forest, sometimes mistaken for *Mallotus*.

Ambriansyah & Arifin Zainal AA 367, AA 671, Amdjah 140,  
Boschproefstation bb 15584, bb 26592, Burley et al. 845, Endert 4693A,  
5180, Kade Sidiyasa S 577, Kostermans 5394, 5818, 5843, 14067, 21117,  
Leighton 608, Sauveur 953, Soegeng 118

## DIMORPHOCALYX

*D. murinus* Elmer

SB, SR, KC, KE

Ambriansyah & Arifin Zainal AA 11, Kade Sidiyasa S 497, Mogeia 4247

## DRYPETES

*D. kikir* Airy Shaw

Kayu kikir (M).

SB, SR, KE

Easily recognized by its dippled bark, rather common in primary forest, but  
also recorded from secondary vegetation.

Afriastini 98, Ambriansyah & Arifin Zainal W 324, W 551, Boschproefstation

bb 34349, bb 34352, bb 34369, Endert 4930, Kade Sidiyasa S 189, S 587, Kostermans 6709, 7040, 7063, 7189, Sauveur 63

*D. polyneura* Airy Shaw

SB, SR, KW, KE

Common in primary and secondary forest.

Ambriansyah & Arifin Zainal W 112, W 203, W 568, van Balgooy 5877, 5990, Boschproefstation bb 13050, bb 15841, bb 16532, bb 16534, bb 17774, bb 18434, bb 24674, bb 29037, bb 31642, bb 34251, bb 34777, Burley et al. 756, Endert 4973, Leighton 38, Kade Sidiyasa S 231, S 538, Kostermans 7025, 21143

*D. rhakodiscos* (Hassk.) Airy Shaw

SB, SR, KE, KS

Boschproefstation bb 14791, de Vogel 985

## ENDOSPERMUM

*E. diadenum* (Miq.) Airy Shaw

Lompahang abang (M), payang gunung (M), engkebor (B).

SB, BR, SR, KW, KE

Common, especially in secondary forest.

Boschproefstation bb 7059, bb 31786, bb 32347, Endert 2236, Kostermans 4469, 9177, 9324, Nedi 743, Sauveur 67, Soengeng 121, Winkler 2288

*E. peltatum* Merr.

SB, SR, KE

Boschproefstation bb 18440, Endert 2262, Kostermans 4830, 5204, 5854, 6916, 7512, 9568, 10626, 13641, 21138

## FAHRENHEITIA

*F. pendula* (Hassk.) Airy Shaw

SB, BR, SR, KW, KE

Common in all kind of vegetation types.

Ambriansyah & Arifin Zainal W 4, W 60, W 355, W 776, Burley et al. 820, 863, Kade Sidiyasa S 653, S 758, Kartawinata 1159, 1179, 1310, Kostermans 4032, 4397, 4418, 4969, 5782, 6886, 7707, 9847, 21040, Leighton 79, Meijer 492, Mori & Mitchell 17848, Murata et al. 490, Riswan 814, Winkler 2412, Wiriadinata 620

## GALEARIA

*G. fulva* (Tul.) Miq.

SB, SR, KE

Ambriansyah & Arifin Zainal W 910, Kade Sidiyasa S 611, Kostermans 6840, van Slooten 2126

## GLOCHIDION

The whole genus is usually called rambai punai (D).

### *G. littorale* Blume

SB, BR, SR, KW, KC, KE

Abondi 59, Meijer 2062, Polak 520, Winkler 3443

### *G. obscurum* (Roxb. ex Willd.) Blume

SB, SR, KE

Endert 1420, 1740, 2188, 4069, Hallier 830, 831, Kostermans 6136, Ramli 1926, Winkler 2189, 3002

### *G. rubrum* Blume

SB, BR, SR, KC, KE, KS

Amdjah 773, Boschproefstation bb 16019, bb 23444, Burley et al. 533, Buwalda 7675, 7969, Endert 1748, 1998, 2049, 2830, 4758, 4799, Giesen 1, Hallier 94, 95, 1591, 1819, Jaheri 1685, Kartawinata 893, 1167, 1171, 1476, Kostermans 4450, 4686, 21549, Main 2101, 2140, 2166, Meijer 2026, 2191, 98 Soegeng 21, Winkler 2258, 2276, 2902, 3403, Wiriadinata 98

### *G. sericeum* (Blume) Zoll.

SB, BR, SR, KE

Often on open places after burning.

Ambriansyah & Arifin Zainal W 638, Endert 2898, 2963, Geesink 8950, Kostermans 9105, 10730, 13024, van Valkenburg 1299, Wiriadinata 1203

## HEVEA

### *H. brasiliensis* (Willd. ex A. Juss.) Müll.Arg.

Karet (M).

SB, BR, SR, KE, KC, KE, KS

The rubber tree is now often planted for its wood instead of tapping the latex. Sometimes escaped from plantations.

Ambriansyah & Arifin Zainal W 330

## HOMALANTHUS

### *H. populneus* (Geisel.) Pax

Kelebutag (B).

SB, BR, SR, KW, KC, KE, KS

Frequent in secondary forest, easily recognised by its blue-green, almost heart-shaped leaves with red stalks.

Ambriansyah & Arifin Zainal W 209, Amdjah 405, 501, 554, 859, 953, van Balgooy 5903A, Boschproefstation bb 1813, Elsener 126, Endert 4142, 5372, Hallier 758, 1196, 1928, 2252, Kade Sidiyasa S 199, Kartawinata 823, Kostermans 4933, Laumonier 1245, Posthumus 2130, Shea 23251, 23744, 23978, Winkler 2188, Wiriadinata 13, 190, 644, 1127

## MACARANGA

- M. aetheadenia* Airy Shaw  
Tukok (W. Kalimantan).  
SR, KW, KE  
Occasionally in primary forest  
Ambriansyah & Arifin Zainal AA 288, van Balgooy 5920A, Burley et al.  
2738
- M. amissa* Airy Shaw  
SR, KS  
In secondary forest on swampy ground at very low altitude. Rare!  
Boschproefstation bb 9941
- M. anceps* Airy Shaw  
SR, KE  
Ambriansyah & Arifin Zainal AA 316, Kade Sidiyasa S 835
- M. baccaureifolia* Airy Shaw  
SB, SR, KW  
In primary and secondary forest.  
Boschproefstation bb 26994
- M. beccariana* Merr.  
SB, BR, SR, KW, KC, KE  
In primary (?) or secondary Dipterocarp forest or secondary Kerangas.  
Ambriansyah & Arifin Zainal AA 716, Hallier 784, 907, Ridsdale & Sidiyasa  
PBU 213
- M. brevipetiolata* Airy Shaw  
SB, SR, KE  
In primary or secondary(?) Mixed Dipterocarp forest.  
Kostermans 6433
- M. caladiifolia* Becc.  
SB, BR, SR, KE, KE, KC, KS  
In secondary peat swamp and kerangas forests  
Buwalda 7642, 7698, Kessler 611, Mondi 301, Winkler 3318
- M. conifera* (Zoll.) Müll.Arg.  
Sange-sange (D), gela (D), sepu (D), nyangsanglalat (M).  
SB, BR, SR, KW, KE, KS  
Common in secondary forest.  
Ambriansyah & Arifin Zainal AA 689, Ambriansyah & Arifin Zainal W 72,  
W 984, Boschproefstation bb 18138, bb 26859, bb 34248, Endert 4982,  
Kade Sidiyasa S 632, S 832, Kostermans 5616, 21541

- M. costulata* Pax & Hoffm.  
SB, SR, KE  
Kostermans 6062, Main 1980
- M. curtisii* Hook. f. var. *glabra* Whitmore  
SB, KE, KS  
Ambriansyah & Arifin Zainal W 971, Kartawinata 836
- M. depressa* (Müll.Arg.) Müll.Arg. f. *strigosa* Whitmore  
SR, KE  
Ambriansyah & Arifin Zainal AA 627, Ambriansyah & Arifin Zainal W 905,  
W 1024, van Balgooy 5902A, 6076, 6124, Kostermans 21643
- M. diepenhorstii* (Miq.) Müll.Arg.  
SB, KE  
Forman 439, Kostermans 13113
- M. gigantea* (Reichb. f. & Zoll.) Müll.Arg.  
Bingkungan (M), serua (M), bengkuung (B).  
SB, BR, SR, KW, KC, KE, KS  
Very common in secondary forest, leaves very big.  
Ambriansyah & Arifin Zainal W 10, W 1001, van Balgooy 5912, Ridsdale &  
Sidiyasa PBU 123
- M. havilandii* Airy Shaw  
SB, SR, KW  
Rare, usually in secondary forest.  
Shea 26204
- M. hosei* King ex Hook. f.  
SB, BR, SR, KW, KC, KE, KS  
In regenerating forest.  
Boschproefstation bb 2162, bb 17220, Endert 5158, Geesink 8927, Ridsdale  
& Sidiyasa PBU 107, PBU 523
- M. hullettii* Airy Shaw  
SR, KE  
Endert 3089, 4671, Kostermans 4321
- M. hypoleuca* (Reichb. f. & Zoll.) Müll.Arg.  
Mahang putih (M), mahang (M), sensayang (M), sedaman (M).  
SB, SR, KC, KE, KS  
Easily recognized by its 3-lobed leaves with white underside.  
Ambriansyah & Arifin Zainal W 157, W 943, W 980, W 1009, Argent &  
Sidiyasa GA 9350, van Balgooy 5884, 5916, Buwalda 7980, Leighton 394,  
Murata et al. 797, Paymans 20, Sauveur 57

- M. indistincta* Whitmore  
 SB, SR, KE  
 Ambriansyah & Arifin Zainal AA 187, Ambriansyah & Arifin Zainal W 24,  
 W 950, Kade Sidiyasa S 797, S 829, Kessler 619
- M. javanica* (Blume) Müll.Arg.  
 SB, KC, KE  
 Kartawinata 1475 A, Tukirin 325
- M. kingii* Hook. f.  
 SR, KE  
 Very big, horn-like stipules, pointing down the stem.  
 Ambriansyah & Arifin Zainal AA 48, AA 84, Ambriansyah & Arifin Zainal  
 W 498, Argent & Sidiyasa GA 932, Kade Sidiyasa S 1041
- M. lamellata* Whitmore  
 SB, KC  
 Usually in gaps of primary forest.  
 Mogeia 4348, Nooteboom 4061, 4260
- M. motleyana* (Müll.Arg.) Müll.Arg.  
 SB, KE, KS  
 Ambriansyah & Arifin Zainal W 24, Kostermans 21417
- M. pearsonii* (Miq.) Merr.  
 SR, SB, KE, KS  
 Usually in secondary forest, sometimes also in primary.  
 Ambriansyah & Arifin Zainal AA 288, van Balgooy 5948B, Boschproefstation  
 bb 13956, Kade Sidiyasa S 670
- M. petanostyla* Airy Shaw  
 SR, SB, KE  
 Ambriansyah & Arifin Zainal W 266, W 636, Kade Sidiyasa S 805,  
 Kostermans 12691
- M. pruinosa* (Miq.) Müll.Arg.  
 Often from secondary peat-swamp forest.  
 SR, KW, KE  
 Ambriansyah & Arifin Zainal W 1010, Kade Sidiyasa S 790
- M. strigosissima* Airy Shaw  
 SR, KW, KC  
 Afriastini 933, Ridsdale & Sidiyasa PBU 414

- M. tanarius* (L.) Müll.Arg.  
 SB, BR, SR, KW, KC, KE, KS  
 Common in open country and secondary forest, rarely found in primary forest.  
 Ambriansyah & Arifin Zainal W 298, W 971, Endert 1472, Geesink 8904, Leighton 885, Wiriadinata 1146
- M. trichocarpa* (Reichb. f. & Zoll.) Müll.Arg.  
 Lunai (B).  
 SB, SR, KW, KC, KE, KS  
 Widespread species in primary and especially secondary forest.  
 Ambriansyah & Arifin Zainal AA 186, AA 447, van Balgooy 5718, Endert 4811, Kade Sidiyasa S 207, Kostermans 10026, Leighton 218, 373, Sauveur 988, de Vogel 753, 755
- M. triloba* (Blume) Müll.Arg.  
 Nancang (B).  
 SB, SR, KE  
 Ambriansyah & Arifin Zainal AA 187, van Balgooy 5883, Endert 4959, Buwalda 7964, Hallier 2777, Kostermans 6023
- M. winkleri* Pax & Hoffm.  
 Mahang merah (M).  
 SB, BR, SR, KC, KE, KS  
 Very common in secondary vegetation.  
 Ambriansyah & Arifin Zainal W 767, Argent & Sidiyasa GA 9332, van Balgooy 5882, Endert 2200, 4032, Kade Sidiyasa S 502, S 531, Kostermans 13156, Mogeia 2668, Ridsdale & Sidiyasa PBU 311, van Valkenburg 1065, de Vogel 809

## MALLOTUS

- M. floribundus* (Blume) Müll.Arg.  
 SB, BR, SR, KE  
 Ambriansyah & Arifin Zainal AA 207, Endert 2196, 4919, Hallier 913, Kostermans 1963
- M. griffithianus* (Müll.Arg.) Hook. f.  
 SB, BR, SR, KE  
 Kostermans 6685, 7019
- M. korthalsii* Müll.Arg.  
 SB, SR, KE  
 Kostermans 21595



*M. lackeyi* Elmer

SB, BR, SR, KE

Ambriansyah & Arifin Zainal AA 675, Endert 3488, 4694, 5153, Kade Sidiyasa S 438, Kostermans 21264, 21591, Leighton 762

*M. macrostachyus* (Miq.) Müll.Arg.

SB, BR, SR, KE

Common in secondary forest.

Ambriansyah & Arifin Zainal W 78, Amdjah 264, van Balgooy 5902, Hallier 805, 1348, 2872, van Valkenburg 1208, Winkler 2536

*M. mollissimus* (Geisel.) Airy Shaw

Syn: *M. ricinoides* (Pers.) Müll.Arg.

SB, BR, SR, KE, KS

Primary and often secondary forest

Boschproefstation bb 2123, Kartawinata 925, de Vogel 971

*M. muticus* (Müll.Arg.) Airy Shaw

SB, BR, SR, KW, KE, KS

Ambriansyah & Arifin Zainal AA 400, Boschproefstation bb 2119, bb 8057, bb 14702, bb 15867, bb 16191, bb 16194, bb 16673, bb 16674, bb 17733, bb 17750, bb 18436, bb 18545, bb 18837, bb 24749, bb 25621, bb 25628, bb 28341, Endert 1415, 1513, 2050, 2078, 2089, 5096, Hallier 822, 828, Jaheri 90, Kostermans 5686, 12644, 21010, 21119, 21132, 21443, 21716, bb 34765, bb 34785, Labohm 39, Winkler 3221

*M. paniculatus* (Lam.) Müll.Arg.

Balik angin (M), api-api (M), mawah (B).

SB, SR, KW, KE

Very common in open areas, villages and along forest edges.

Ambriansyah & Arifin Zainal W 138, Bompard 1243, Boschproefstation bb 2132, bb 15595, Burley et al. 874, Endert 1606, Hallier 897, 2552, Kade Sidiyasa S 298, S 639, Kostermans 2162, Leighton 382, Shea 23747, Sutisna 16, Winkler 2611

## MELANOLEPIS

*M. multiglandulosa* (Reinw. ex Blume) Reichb. f. & Zoll.

SB, SR, KE

Amdjah 820, Geesink 8903

## MICRODESMIS

*M. caseariifolia* Planch.

SB, KE, KS

Dachlan 238, Kartawinata 916

## MOULTONIANTHUS

*M. leembruggianus* (Boerl. & Koorders) Steenis

SB, SR, KW, KE

Usually in primary but sometimes also in secondary forest.

Balgooy & Setten 5429, Boschproefstation bb 10750, Endert 5004,  
Kostermans 6700

## NEOSCORTECHINIA

*N. angustifolia* (Airy Shaw) Welzen

SB, KE

Kostermans 13970, Meijer 2524

*N. kingii* (Hook. f.) Pax & Hoffm.

Baniran (M), perupuk batu (M), uwun (M).

BR, SR, KC

Ambriansyah & Arifin Zainal W 389, Kade Sidiyasa S 409, Kostermans 6473,  
9982, Nooteboom 4397, 5007, 5027, 5037, 5053

*N. nicobarica* (Hook. f.) Pax & K. Hoffm.

SB, SR, KE

Boschproefstation bb 13853, bb 14175, bb 18912, bb 24743, bb 29959, bb  
34687, Endert 2447, Kostermans 5051, 5206, 12230, 13233, 13292, 13304,  
19046, 27753, 34651

*N. philippinensis* (Merr.) Welzen

SB, BR, SR, KC, KE

Ambriansyah & Arifin Zainal W 681, van Balgooy & van Setten 5489A,  
Boschproefstation b 10804, bb 26222, bb 29053, bb 29083, Endert 4879,  
Kostermans 6591, 7745, 10337, 13607, 21582

## SAUROPUS

*S. androgynus* (L.) Merr.

SB, SR, KE

Endert 2365, 5209, Wiriadinata 1356

## TRIGONOSTEMON

*T. elmeri* Merr.

Primary and secondary forest. Rare in Kalimantan.

SB, KE

Kade Sidiyasa S 441, Kostermans 4357

*T. laevigatus* Müll.Arg.

SB, BR, SR, KE

Ambriansyah & Arifin Zainal AA 17, AA 268, Ambriansyah & Arifin Zainal W 28, W 467, van Balgooy 5736, Kartawinata 1186, 1314, Kostermans 4392, 4419, 4504, 10572, Sabana 7, Sauveur 22, 143, Soegeng 68, Wiriadinata 276

## FAGACEAE

### CASTANOPSIS

The whole genus is usually called pasang.

*C. evansii* Elmer

SB, SR, KE, KS

Ambriansyah & Arifin Zainal W 564, W 938, W 991, van Balgooy 6120, Boschproefstation bb 14959, Sauveur 924

*C. hypophoenicea* (Seem.) Soepadmo

SB, SR, KE

Endert 5197, Kostermans 7565, 13605

*C. javanica* (Blume) A.DC.

SB, SR, KE

Boschproefstation bb 25140, bb 25634, Endert 1838, 2995, Kostermans 4292, bb 34796

*C. lucida* (Nees) Soepadmo

SB, SR, KE

Kostermans 13628, Winkler 2406

*C. megacarpa* Gamble

Kumpat (B).

SB, SR, KE

Ambriansyah & Arifin Zainal AA 89, Endert 4631

*C. motleyana* King

SB, BR, SR, KE

Ambriansyah & Arifin Zainal W 406, Boschproefstation bb 16266, bb 18275, bb 19033, 34378, Kostermans 8702, 9117, 10287, 10799

## LITHOCARPUS

Common vernacular names for the whole genus are paning-paning (M), palele (M), and beleleg (B).

*L. bancana* (Scheff.) Rehder

SB, SR, KE

Endert 5009, Obi 1988, Kostermans 10184 A

*L. coopertus* (Blanco) Rehder

SB, SR, KW, KE

Usually in primary, seldom in secondary forest.

Ambriansyah & Arifin Zainal AA 85, Kade Sidiyasa S 595, S 622, Nootboom 4389, Shea 26642

*L. ewijckii* (Korth.) Rehder

SB, BR, SR, KW, KE

Boschproefstation bb 18486, bb 19005, bb 20694, bb 26149, bb 28136, Endert 2561, 4786, Hallier 3019, 3181, 3298, Kostermans 13616

*L. grandifolius* (Blume) Maheswari

Syn: *Lithocarpus elegans* (Blume) Soepadmo

SB, BR, SR, KC, KE

Afriastini 313, Boschproefstation bb 24680, Hallier 1719, Kostermans 10293, Soegeng 130

*L. leptogyne* (Korth.) Soepadmo

SB, BR, SR, KE, KS

Ambriansyah & Arifin Zainal W 220, W 294, Boschproefstation bb 13912, Kessler 538, Kostermans 4294, 5498, 13445, 21569, bb 34755, Meijer 2204, Polak 497

*L. nieuwenhuisii* (v.Seem.) A. Camus

SB, BR, SR, KE

Endert 2710, Kostermans 9049, Meijer 2192

*L. sericobalanus* E.F. Warb.

SB, BR, SR, KE

Ambriansyah & Arifin Zainal W 359, Hallier 2886, Kostermans 29, 6734, 7125, 8730, Meijer 2442

*L. urceolaris* (Jack) Merr.

SB, BR, SR, KC, KE, KS

Amdjah 868, 896, Boschproefstation bb 2167, bb 23467, bb 26065, Budding bb 35086, Endert 1808, Kostermans 4034, 4391, 4880, 5110, 7355, 10016, Labohm 1135, Rasid 2453

## FLACOURTIACEAE

### FLACOURTIA

*F. inermis* Roxb.

SB, BR, SR, KC  
Nooteboom 4756, Veldkamp 8117

*F. rukam* Zoll. & Mor.

SB, BR, SR, KW, KE  
Ambriansyah & Arifin Zainal AA 594, Amdjah 90, Endert 1995, 3072, 3533,  
4056, 5160, Hallier 513, 877, 1222, 1311, 2723, 3444, Jaheri 1742, Kato  
et al. 10318, Kostermans 4894, 5177, 10556, Main 1773, Shea 26797, van  
Wijk 67, Wiriadinata 3380

### PANGIUM

*P. edule* Reinw.

Wild or semicultivated fruit tree.  
SB, BR, SR, KW, KE?  
Hallier 1337

### SCOLOPIA

*S. spinosa* (Roxb.) Warburg

SB, BR, SR, KE, KS  
Endert 5272, 5382, Jaheri 1439, Kostermans 13357, Main 2001, Sauveur 935,  
Winkler 3252

## GUTTIFERAE

### CALOPHYLLUM

The whole genus is usually called "Bintangur".

*C. inophyllum* L.

SB, BR, SR, KW, KC, KE, KS  
Often common on sea-shores.  
Ambriansyah & Arifin Zainal AA 148, Becking 63, Boschproefstation bb  
2159, Dachlam 2392

*C. lanigerum* Miq. var. *lanigerum*

KE, KS  
Boschproefstation bb 1211, bb 1212, Dransfield & Hambali 4318, Endert  
1585, Kostermans 9591

*C. pulcherrimum* Wall. ex Choisy

SR, KW, KC, KE, KS

Boschproefstation bb 1033, bb 7952, bb 10099, bb 10485, bb 12040, bb 14428, bb 25115, bb 26213, bb 27014, bb 27029, Dachlam 2049, 2156, Darnaedi 865, Endert 2009, Kostermans 6056, 9024, 9136, 9868, 12542, Mondri 170, Motley 561, Sauveur 1164

*C. soulattri* Burm. f.

SB, BR, SR, KW, KC, KE, KS

Becking 35, Boschproefstation bb 2097, bb 2154, bb 6326, bb 7479, bb 9858, bb 10413, bb 10540, bb 10723, bb 10833, bb 11237, bb 14199, bb 17742, bb 17855, bb 20607, bb 29268, Jaheri 1489, Kostermans 6034, 12623, 13937, 17855, 21129, 21555, Labohm 2071

*C. teijsmannii* Miq. var. *inophylloide* (King) P.F. Stevens

SB, BR, SR, KW, KC, KE

Boschproefstation bb 6402, bb 12195, bb 12388, bb 17908, bb 18240, bb 18343, bb 21166, bb 27004, bb 27766, bb 29603, bb 31797, Endert 3548, Kostermans 12734, 12792, 12840, 12878, 13144

*C. tetrapterum* Miq. var. *tetrapterum*

SB, BR, SR, KC, KE, KS

Boschproefstation bb 8159, Kostermans 7248, 10254, Motley 304

*C. tetrapterum* Miq. var. *obovale* (Miq.) P.F. Stevens

SB, BR, SR, KW, KE, KS

Hallier 2526, Kostermans 12899, Rutten 20

*C. woodii* P.F. Stevens

SB, SR, KE, KS

Boschproefstation bb 2033, bb 20667, bb 34418, Kostermans 6618, 7229

## GARCINIA

*G. parvifolia* (Miq.) Miq.

Awang buah (D).

SB, SR, KE

Common in primary and secondary forest.

Ambriansyah & Arifin Zainal W 52, W 610, Kade Sidiyasa S 263, S 296, S 363, Kostermans 10037, 10157, Nedi 715, 729, Wiriadinata 290, 660

## MAMMEA

*M. acuminata* Kosterm.  
SR, KW, KC, KE  
Endert 2694, 4776, Kostermans 5168, 10075, 12639, 13736, Maskuri 147,  
Mogea 4249, Murata et al. 365, Sauveur 2, Soengeng 748, Veldkamp 8175,  
Winkler 565

*M. reticulata* Kosterm.  
SR, KE  
Kostermans 1957, 5134, 6145, 10425, 10461, 10492, van Slooten 2183, 2240

## MESUA

*M. borneensis* P.F. Stevens  
SB, SR, KE  
Kostermans 13888

*M. connata* P.F. Stevens  
SB, KE  
Kostermans 13417, 13897

*M. grandis* (King) Kosterm.  
SB, BR, SR, KW  
Shea 26564

*M. macrantha* (Baill.) Kosterm.  
KE  
Ambriansyah & Arifin Zainal W 168, van Balgooy 5936, Kade Sidiyasa S 478

## HYPERICACEAE

### CRATOXYLON

*C. arborescens* (Vahl) Blume  
Gerungang (B).  
SB, BR, SR, KW, KE  
In primary but usually secondary forest.  
Afriastini 998A, Ambriansyah & Arifin Zainal W 137, W 285,  
Boschproefstation bb 16057, bb 16064, bb 16474, bb 17778, bb 17830, bb  
18266, bb 20609, bb 21194, bb 24627, bb 24667, bb 26166, bb 27011, bb  
27725, bb 35356, Forman 444, Hallier 1065, 2975, Kade Sidiyasa S 275,  
S 753, Kessler 524, Kostermans 4335, 6484, 6683, 7105, 9016, 9196,  
10354, 12889, bb 35028, Kostermans & Sabana 9, Nedi 749, Shea 26259,  
27541, Winkler 2919

*C. cochinchinensis* (Lour.) Blume

Suren (M).

SB, SR, KW, KE, KS

In primary and secondary forest, open grasslands, thickets, up to 500 m altitude.

Boschproefstation bb 14945, Hallier 793, 856, 1041, 1367, 1403, 2086, 2268, Kostermans 9679, Labohm 1955, Soengeng 124

*C. formosum* (Jack) Dyer ssp. *formosum*

Popakan (D).

SB, BR, SR, KW, KC, KE, KS

Very common in secondary vegetation.

Ambriansyah & Arifin Zainal AA 621, Boschproefstation bb 1815, bb 2096, bb 2112, bb 20731, Buwalda 7979, Endert 2109, 3027, Hallier 472, 934, 1006, 2503, Kostermans 23, 4177, Main 2007, Mondi 193, Shea 26803, Winkler 3389, 3411, Wiriadinata 661

*C. glaucum* Korth.

Bentaleng (B).

SB, BR, SR, KW, KC, KE, KS

Usually in kerangas vegetation on white sand.

Boschproefstation bb 14411, bb 15535, bb 16774, bb 16820, bb 27749, bb 32397, Buennemeijer 6096, Buwalda 7691, 7838, Dransfield & Hambali 4323, Endert 1573, Enoh 401, Hallier 794, 895, 1534, 1404, 2051, Kade Sidiyasa S 742, Kessler 562, Kostermans 7713, Main 1730, 1786, Mondi 165, 273, Polak 726, Winkler 22

*C. sumatranum* (Jack) Blume ssp. *sumatranum*

Irat (M), mentaling (B).

SB, BR, SR, KE

Common in secondary forest.

Ambriansyah & Arifin Zainal W 71, W 137 A, Amdjah 909, Boschproefstation bb 24739, Delmaar 1912, Endert 1842, 2287, Kade Sidiyasa S 404, S 634, Kostermans 10557, 13469, Ramli 2005, Winkler 2578

## ICACINACEAE

### GONOCARYUM

*G. calleryianum* (Baill.) Becc.

SB, BR, SR, KE, KS

Kade Sidiyasa S 764, S 1045, van Balgooy 5989, Kostermans 4664

*G. cognatum* Elmer

SB, SR, KE

Meijer 2079



## PLATEA

*P. excelsa* Blume var. *borneensis* (Heine) Sleumer

Bentenu (M), talas endriung (D), lampong (D), rasak bareh (D).

SB, SR, KE, KS

Boschproefstation bb 11244, bb 34245, Buwalda 7981, Endert 3142, Hallier

3386, Kade Sidiyasa S 594, Kostermans 4017, 4308, 12698

## STEMONURUS

*S. grandifolius* Becc.

Baru tuas (M), mersaut (Kutei).

SB, SR, KE

Kostermans 7081, 9245, 12885, bb 35024

*S. scorpioides* Becc.

SB, BR, SR, KW, KE

Ambriansyah & Arifin Zainal W 362, van Balgooy 6067, Amdjah 982,

Boschproefstation bb 12614, Kade Sidiyasa S 356, Mondi 50

## JUGLANDACEAE

### ENGELHARDIA

*E. serrata* Blume

SB, BR, SR, KW, KE

Usually in primary, rarely in secondary forest.

Boschproefstation bb 16473, bb 18334, bb 18543, Esche 71, Kostermans  
13103

*E. spicata* Lechen. ex Blume

SB, SR, KE

Usually in primary, sometimes in secondary forest.

Kade Sidiyasa S 1060

## LAURACEAE

The whole family is usually called "Medang".

### ACTINODAPHNE

*A. glabra* Blume

Medang sahung (M).

SB, SR, KE

van Balgooy 6125, Hallier 212, Kostermans 4888, 6007, 6815, 8953, 21466

- A. glomerata* (Blume) Nees  
SB, SR, KE  
Hallier 1032, Kostermans 5479, 5859, 9809, 13479, 21013, 21402, Soegeng  
750
- A. hirsuta* Blume  
SB, SR, KE, KS  
Kostermans 4698, 8942, 10608
- A. macrophylla* Nees  
Kayu tulus (Bassap-Mapulu).  
SB, BR, SR, KE  
Endert 2235, 2258, 3330, Kostermans 5208, 5788, 5986, 6954, 7361, 7560,  
13741, 21188, Schut 35
- A. rufescens* Blume  
Kejunjung (M).  
SB, SR, KE, KS  
Endert 2105, Kostermans 8116

#### ALSEODAPHNE

- A. elmeri* Merr.  
Medang lilin (M), Medang rawali (M), Lalan (M).  
SB, SR, KW, KE, KS  
Ambriansyah & Arifin Zainal W 200, van Balgooy 5984, Boschproefstation  
bb 7864, bb 9943, bb 11093, bb 35050, Endert 4989, Kostermans 4352,  
6633, 6736, 7067, 7068, 10069, 12519
- A. insignis* Gamble  
SB, BR, SR, KW, KE  
Boschproefstation bb 28327, bb 28337, bb 31624, Kostermans 12718
- A. nigrescens* (Gamble) Kosterm.  
KE  
Kostermans 7082, 12759
- A. oblanceolata* (Merr.) Kosterm.  
SB, BR, SR, KE, KS  
Boschproefstation bb 7747, bb 7773, bb 7961, bb 12889, bb 17892, bb  
26179, bb 34558, Dachlan 2048, Kostermans 7604, 10658, 12658, 13275,  
13563, 13839, Wiriadinata 657
- A. peduncularis* (Wall. ex Nees) Meissn.  
KE  
Ambriansyah & Arifin Zainal W 422, Kade Sidiyasa S 272

## BEILSCHMIEDIA

*B. dictyoneura* Kosterm.

KW, KE

Ambriansyah & Arifin Zainal W 688, W 698, Boschproefstation bb 10602, bb 14985, bb 26460, Kostermans 4048, 4075, 4464, 4524, 4570, 7266

*B. glabra* Kosterm.

SB, SR, KE

Boschproefstation bb 14749, bb 34560, Kostermans 4020, 4214, 4234, 4426, 4445, 5195, 5438, 6012, 6509, 6953, 7227, 7313, 7369, 7421, 7505, 8619, 8781, 9194, 10433, 13288, 21742

*B. kunstleri* Gamble

SB, SR, KE

Boschproefstation bb 16807, bb 16975, bb 17936, Kostermans 4428, 5017, 5734, 6085, 6110, 7230, 7728, 8056, 12511, Winkler 2310

*B. lucidula* (Miq.) Kosterm.

SB, SR, KW, KE

Aet 447, Boschproefstation bb 13220, bb 13225, bb 15842, Kartawinata 1303, Kostermans 5121, 5856, 6814, 9523, 10746, 21542, 21703

*B. malaccensis* (Meissn.) Hook. f.

SB, KE

Boschproefstation bb 18340, bb 18352, bb 34474, Kostermans 4057, 4319 A, 5628, 5682, 5809, 6710, 7161, 7741, 8628, 9768, 9806, 9854, 10367, 12507, Wiriadinata 323

*B. micrantha* Meissn.

Kalibabar (Bassap-Mapulu).

SB, SR, KE, KS

Boschproefstation bb 19122, Kostermans 4127, 5739, 5910, 5930, 6804, 13971, 21743, bb 35057, Sauveur 976

*B. pilosa* Kosterm.

SB, SR, KE

Kostermans 4374, 8621, 10731, 10754, 13541, Soengeng 83

*B. rivularis* Kosterm.

SB, BR, KE, KS

Endert 2128, 2344, 3665, Kostermans 4513, 7407, 7493, 7634, 7639, 7641, 7682, 7503, 7683, 8008, 10245, 10317, 10688

*B. wallichiana* (G. Don) Kosterm.

SB, SR, KW, KE

Afriastini 1195, Boschproefstation bb 18146, bb 19243, Kostermans 4235, 5323, 5447, 5560, 7366, 9576, 9961

## CINNAMOMUM

The whole genus is usually called kayu manis (M).

*C. porrectum* (Roxb.) Kosterm.

SB, SR, KW, KE, KS

Boschproefstation bb 2143, bb 7089, bb 13925, bb 16314, bb 23405, bb 23410, bb 23598, bb 29420, bb 31189, bb 34235, Dachlan 2147, 2387, Delmaar 1146, Endert 1752, Kostermans 5864, 6123, 6781, 7509, Meijer 495, Ramli 2040

## CRYPTOCARYA

*C. cagayanensis* Merr.

SB, SR, KE

Hallier 333, Kostermans 5030, 5169, 5361, 5566, 5908, 5916, 10609, 21629

*C. crassinervia* Miq.

SB, BR, SR, KE

Kostermans 4187, 4423, 5130, 5801, 6383, 6532, 6856, 9674, 9869, 12877, 13315, Nedi 741, Soengeng 104, 107

*C. densiflora* Blume

SB, SR, KE

Kostermans 4128, 5701, 7610, 13462

*C. impressa* Miq.

KE

Boschproefstation bb 19059, bb 34386, bb 34502, Kostermans 4129, 4514, 7051, 8703, 8724, 8932, 8965, 9008

*C. kurzii* Hook. f.

SB, SR, KE, KS

Endert 5073, Jaheri 1686, Kostermans 758, 4226, 4298, 4421a, 5002, 5003, 5615, 5688, 5832, 7960, 8902, 9946, 10073, 10200, 10629, Winkler 3137

*C. nitens* (Blume) Koord. & Valetton

SB, BR, SR, KE

Boschproefstation bb 16525, Endert 3151, 3446, 3535, 4090, Forman 503, Kostermans 4033, 4356, 5192, 5196, 5272, 5589, 5621, 5852, 6922, 7452, 7656, 7751, 10058, 13416, bb 35044

- C. obliqua* Blume  
 SB, KE  
 Rheophyte!  
 Afandi Ma'roef AM 299, Kato & Wiriadinata 5362, Kostermans 10641,  
 12665, 13535, 21190, Soengeng 724, Winkler 2971, 3157
- C. pulchrinervia* Kosterm.  
 SB, KE  
 Kostermans 9672, 13347, 13437, 13857, Leighton 907
- C. strictifolia* Kosterm.  
 SB, SR, KE, KS  
 Boschproefstation bb 10191, bb 13948, 21264, bb 26257, Kostermans 4093,  
 5131, 6113, 8059, 10085, 10362
- C. teijsmanniana* Miq.  
 SB, SR, KE  
 Kostermans 7320, 7568, 7649, 9587

## DEHAASIA

- D. caesia* Blume  
 SB, SR, KE  
 van Balgooy 5764, 5997A, Boschproefstation bb 16578, Dilmy 1253,  
 Kostermans 5436, 5704, 5733, 5996, 5997, 6865, 7222, 9886A, 9889,  
 10302
- D. corynantha* Kosterm.  
 SB, BR, SR, KE  
 Endert 5202, Kostermans 5822, 6558, 9625, 9873 A, 9914, 10192, 10830
- D. cuneata* (Blume) Blume  
 Medang selampati (M), medang batu (M).  
 SB, SR, KE, KS  
 Boschproefstation bb 14198, bb 24746, bb 29371, Endert 2328, Kostermans  
 4052, 4302, 4304, 4393, 4424, 4536, 6600, 6454, 6862, 7033, 7214, 7292,  
 9653, 9682, 10027
- D. firma* Blume  
 SB, BR, SR, KE, KS  
 Boschproefstation bb 17792, bb 18841, bb 18907, bb 19020, bb 26147, bb  
 34598, Hallier 3232, Kostermans 7278, 7284, 7311, 7353, 7393, 7576,  
 7651, 8052, 8668, 8725, 8738, 9192, 10413, 13237, 13328 13571, 21766

*D. incrassata* (Jack) Kosterm.

Lalan cabe (M).

SB, SR, KC, KE, KS

Afandi Ma'roef AM 271, Afriastini 308, Amdjah 971, Boschproefstation bb 11025, Kostermans 4070, 4216, 5174, 10299, Rahayu 674

*D. tomentosa* (Blume) Kosterm.

Lalan tigu (M).

KE

Kostermans 4896, 9540, 21394

## ENDIANDRA

*E. falcata* Kosterm.

SB, KE, KS

Boschproefstation bb 16936, Endert 1425, 2070, Kostermans 4005, 4016, 4305, 4399 A, 4548, 4995, 5608, 5661, 5796, 5798, 6597, 6605, 7235, 7710, 8039, 9080, 9556, 9797, 9873, 10103, 10654, 10765, Winkler 2353

*E. kingiana* Gamble

SB, SR, KE, KS

Aet 421, 480, Boschproefstation bb 29227, Kostermans 5762, 6754, 7944, 8124, 9703, 9704 9820, 9867, 10758, 10844, 13737, Winkler 2445

*E. ochracea* Kosterm.

SB, KE

Kostermans 4031, 4479, 5917, 5931, 6594A, 9572, 13368

*E. pulcherrima* Kosterm.

KE

Kostermans 4111, 7080, 7703,

*E. scrobiculata* Kosterm.

Margaram (M).

SB, SR, KW, KE

Boschproefstation bb 15037, bb 16810, bb 19072, bb 28130, Kostermans 4326, 6410, 6416, 7701, 9132, 9805, 9955, 10360, Kostermans & Anta 1325, Winkler 2417, 2541

## EUSIDEROXYLON

*E. zwageri* Teijsm. & Binn.

Ulin (D), teluyan (B).

SB, BR, SR, KW, KE, KS

Huge tree with very hard timber (Bornean ironwood). Usually in primary forest, but often also found in secondary forest.

Ambriansyah & Arifin Zainal AA 153, Ambriansyah & Arifin Zainal W 47,

W 300, Aet 451, Boschproefstation bb 7748, bb 14517, bb 14608, bb 14637, bb 14747, bb 15171, bb 15172, bb 16239, bb 17896, bb 19168, bb 24641, bb 24648, bb 26054, bb 34249, bb 35210, bb 35211, 35212, Kostermans 4553, 5255, 5593, Labohm 2074, Soegeng 736

## LITSEA

### *L. angulata* Blume

Medang putih (M).

SB, SR, KW, KE, KS

In primary, but also often in secondary forest.

Boschproefstation bb 12621, bb 13947, bb 15753, bb 15770, bb 18171, bb 34930, Endert 2207, 3569, 5085, Kostermans 4556, 4826, 5318, 13356, Meijer 2368

### *L. casearioides* Kosterm.

SB, KE

Kostermans 4184

### *L. castanea* Hook. f.

SB, SR, KE

Kostermans 5876, 6069, 7265, 8608, 9300, 9763, 9796, 10174, Winkler 2463

### *L. costata* (Blume) Boerl.

SB, KE

In primary and secondary forest.

Amdjah 874, 892, Boschproefstation bb 17747, Kostermans 10516, 21317

### *L. cylindrocarpa* Gamble

SB, BR, SR, KW, KC, KE, KS

Boschproefstation bb 13940, bb 26599, bb 31619, bb 34543, bb 34595, bb 34975, Endert 1578, 2226, 3697, 3845, 3855, 5090, 5092, Kostermans 32, 5724, 5737, 5808, 7053, 7753, 8987, 9941, 10340, 10342

### *L. elliptica* Blume

SB, BR, KW, KE

Secondary and primary forest.

Boschproefstation bb 14175, bb 17770, bb 18790, bb 20687, bb 28322, bb 28367, bb 29419, bb 34275, Delmaar 1938, Endert 3332, Jaheri 733, Kostermans 7114, 8704, 9817, 10310, 10760

### *L. firma* (Blume) Hook. f.

SB, SR, KW, KE, KS

Frequent in primary and secondary forest.

Ambriansyah & Arifin Zainal W 141, W 172, W 199, van Balgooy 5941, 5982, Becking 53, Boschproefstation bb 14723, bb 16843, bb 18131, bb 18179, bb 18242, bb 21231, bb 25594, bb 26151, bb 28385, bb 29200, bb 34375, Endert 5061, Forman 477, Kade Sidiyasa S 649, Kostermans 3,

4283, 4533, 5700, 5826, 5827, 5838, 6182, 6184, 6435, 6561, 7027, 7228,  
7717, 8971, 9501, 10218, 10679, 35359, Labohm 2084, Sauveur 23

*L. garciae* Vid.

Mali (Bassap-Narangan).

SB, SR, KW, KE, KS

The fruit is eaten as vegetable after cooking.

Ambriansyah & Arifin Zainal AA 391, Ambriansyah & Arifin Zainal W 154,  
van Balgooy 5913, Boschproefstation bb 15581, Buwalda 7983, Kostermans  
13735, 21012, Prawiroatmodjo 261

*L. gracilipes* Hook. f.

SB, BR, SR, KW, KE, KS

Alston 13132, Endert 3393, Enoh 296, Kostermans 5068, 5070

*L. grandis* (Wall.) Hook.

SB, SR, KW, KE, KS

Frequent in primary and secondary forest.

Boschproefstation bb 22523, bb 26847, bb 34390, Dahri 21, Endert 4922,  
Kostermans 4068, 4241, 5443, 5552, 5622, 5708, 6452, 6621, 6755, 6991,  
7749, 7922, 8722, 7198, 9322, 9737, 9924, 9934, 13059, 10355, 21102,  
Winkler 2915

*L. insignis* (Blume) Boerl.

SB, SR, KE

Boschproefstation bb 24691, Endert 2267, 2305, Kostermans 6968

*L. lanceolata* (Blume) Kosterm.

SB, SR, KE, KS

Endert 1897, 2192, 2574, 2829, 2832, 3889, 4099, 4132, 4709, Hallier 2903,  
Kostermans 19, 4695, 7286, 7315, 7372, 8986, 12574, Meijer 807, 1898,  
Winkler 2317, 2600

*L. lancifolia* (Roxb.) Hook. f. & Thomson

SB, SR, KE

Endert 3633, Hallier 3352, Kostermans 4577 A, 10696, 12688, 21198, 21240,  
21440, Nedi 767

*L. machilifolia* Gamble

SB, SR, KW, KE

Boschproefstation bb 15646, bb 15847, bb 29318, bb 32292, Kostermans  
4125, 5662, Nedi 752



- L. mappacea* Boerl.  
 SB, SR, KE  
 In primary and secondary forest.  
 Amdjah 29, Boschproefstation 18140, Hallier 1088, Kostermans 4866, 5074,  
 7719, 13906
- L. megacarpa* Gamble  
 SB, BR, SR, KW, KE, KS  
 Common in primary and secondary forest.  
 Boschproefstation bb 12113, bb 15765, bb 18793, bb 24642, bb 29382, bb  
 32293, bb 34567, bb 34645, Endert 3144, 5146, Kostermans 4217, 4699,  
 5695, 5872, 7943, 8132, 8606, 8959, 9726, 9849, 10002, 10124, 10220,  
 10678, Soegeng 714, 733
- L. nidularis* Gamble  
 SB, SR, KE  
 Boschproefstation bb 16576, bb 29232, bb 29326, Endert 3696, 4839,  
 Kostermans 7716, 9067, 10182, 10208
- L. ochracea* (Blume) Boerl.  
 SB, BR, SR, KE, KS  
 Frequent in primary and secondary forest.  
 Endert 2363, 2575, 5079, Kostermans 4260, 4525, 4694, 7210, 9578, 10040,  
 10107, 10177, 10686, Sabana 22, Soegeng 722
- L. oppositifolia* Gibbs  
 SB, SR, KE, KS  
 A very variable species, in primary and secondary forests.  
 Afriastini 1211 A, van Balgooy 5849, Endert 2764, 3390, 3736, 3768, 4563,  
 5211, Kartawinata 713, 809, 839, 877, 889, Kostermans 8759, 12585,  
 21150, 21762
- L. panamonja* Hook. f.  
 SB, KE, KS  
 Boschproefstation bb 34574, bb 34692, Endert 2277, Kostermans 4037, 4212,  
 5190, 5200, 6914, 7302, 7319, 7640, 8018, 8025, 8672
- L. percrassa* Kosterm.  
 SB, SR, KE  
 Endert 2204, Kostermans 4569, 4577, 7429, 7637
- L. pruriens* Kosterm.  
 SB, SR, KE  
 Boschproefstation bb 10387, Kostermans 5060, 5714, 5833, 7282, 9176,  
 9900, 10147, 10149, Sabana 21, Soegeng 707

- L. resinosa* Blume  
 SB, BR, SR, KE, KS  
 Hallier 1156, Kostermans 7, 5714, 5839, 8019, 8023, 9156, 9921, 21744,  
 Meijer 2383
- L. sessilis* (Blume) Boerl.  
 SB, BR, SR, KE  
 Boschproefstation bb 34538, Endert 2242, 4962, 5230, Kostermans 5326,  
 5342, 5850, 10507, 13309, 21199, 21451, 21283
- L. tomentosa* Blume  
 SB, KE  
 Kostermans 7052, 10197, 10605, 12708
- L. varians* (Blume) Boerl.  
 SB, SR, KW, KE, KS  
 Aet 615, 755, Endert 1728, Hallier 587, 2012, 2127, Kostermans 20, 23,  
 4700, 5359, 10153, Sauveur H 14, Winkler 2125, 2271, 2719

## NOTHAPHOEBE

- N. canescens* Blume  
 SB, SR, KE  
 Boschproefstation bb 2213, bb 11876, bb 34671, Endert 2307, 3467, 4869,  
 Kostermans 5132, 5819, 5900, 6896, 7450, 9702, 9719, 9831, 10636,  
 13340, 13351, 23654
- N. ceratoxylon* (Kosterm.) Kosterm.  
 SR, KE  
 Boschproefstation bb 11906, bb 15183, bb 15189, bb 16552, bb 15767, bb  
 16769, bb 34279, bb 34298, bb 34291, bb 35030, Kostermans 4264, 4465,  
 4506, 4557, 6478, 6495, 7279, 8749, 9020, 9732, 9826, 9925, 9957, 10524  
 Meijer 2182, Sauveur 61
- N. coriacea* (Kosterm.) Kosterm.  
 SB, BR, SR, KW, KE  
 Boschproefstation bb 17016, Kostermans 4165, 10330
- N. cuneata* Blume  
 SB, KE, KS  
 Very common in primary and secondary forest.  
 Aet 425, Boschproefstation bb 20625, 34243, 34246, 34661, 34779,  
 Kostermans 4014, 4023, 4204 4230, 4437, 4468, 4965, 4998, 5053, 5082,  
 5381, 5649, 5772, 5802, 5841, 6450, 6517, 6650, 7103, 7118, 7182, 7747,  
 7945, 7968, 8936, 8970, 9208, 9214, 9544, 13698, van Wijk 21

*N. foetida* (Kosterm.) Kosterm.

SR, KE

Boschproefstation bb 16543, bb 16553, bb 16561, bb 17845, bb 34253, 34300, Kostermans 4220, 4240, 4265, 4311, 4409, 4473, 4523, 4541, 4562, 6482, 7274, 9727, 9823

*N. pachyantha* Kosterm.

SB, KE

Kostermans 10143, 13577

*N. pachyphylla* Kosterm.

KE

Boschproefstation bb 19179, Kostermans 5554, 13376, 13560 A, 13904

*N. umbelliflora* (Blume) Blume

SB, KE, KS

Ambriansyah & Arifin Zainal W 192, van Balgooy 5975, Boschproefstation bb 10720, Kostermans 4244, 7743, de Vogel 976

## PHOEBE

*P. grandis* (Nees) Merr.

SB, BR, SR, KE, KS

Delmaar 1149, Kartawinata 988, Kostermans 4501, 5396, 5450, 5652, 5698, 5779, 6444, 6790, 7630, 7631, 7660, 9502, 9909, 10193, 13909

*P. macrophylla* Blume

SB, SR, KE

Dachlan 2154, Endert 5017, Kostermans 4051, 10664

## LECYTHIDACEAE

### BARRINGTONIA

*B. asiatica* (L.) Kurz

Almost exclusively a littoral species.

No collections from Kalimantan present at Leiden, but expected to occur there.

*B. curranii* Merr.

Melapisan (M).

SB, SR, KE

Ambriansyah & Arifin Zainal AA 115, Kostermans 5866

*B. macrostachya* (Jack) Kurz

SB, SR, KW, KC, KE, KS

In primary and secondary forest.

Ambriansyah & Arifin Zainal W 68, W 201, van Balgooy 5768, 5985, Aet 676, Alston 13302, Hallier 2086, Kade Sidiyasa S 283, Kostermans 4446, 5459, Leighton 207, Mogeia 4184, Riswan 804, Soegeng 31, 95

*B. pendula* (Griff.) Kurz

KE

In open land up to 800 m altitude.

Ambriansyah & Arifin Zainal AA 26, Ambriansyah & Arifin Zainal W 256, W 476, Kade Sidiyasa S 582

*B. racemosa* (L.) Sprengel

SB, BR, SR, KE

In primary and secondary forest, mostly restricted to inundated flood plains.

Amdjah 6, 40, 760

## PLANCHONIA

*P. grandis* Ridl.

Kawi (M).

KW, KE

Boschproefstation bb 11536, bb 26036, bb 27001, bb 29639, Kostermans 34272

*P. valida* (Blume) Blume

Dut (B).

SB, KE, KS

Common in primary and secondary forest.

Ambriansyah & Arifin Zainal W 978, Boschproefstation bb 9462, bb 13394, bb 13972, bb 14679, bb 15207, bb 16672, bb 19140, bb 25640, bb 26251, bb 28379, bb 29413, bb 34664, bb 34795, Kade Sidiyasa S 555, Kostermans 5000, 6763, Labohm 2066

## LOGANIACEAE

### FAGRAEA

*F. elliptica* Roxb.

SB, BR, SR, KW, KC, KE, KS

In very different sites, often along rivers up to 1800 m altitude.

Boschproefstation bb 17755, Esche 108, Kostermans 6092, Wiriadinata 602

*F. fragrans* Roxb.

Tembusu (M).

SB, BR, SR, KW, KC, KE, KS

Often a pioneer on burned-over areas, as it is fire resistant, but also found in primary vegetation.

Boschproefstation bb 7342, bb 18267, bb 26169, bb 27769, bb 28143, bb 29174, bb 35313, Esche 21, Giesen 140, 148, Hallier 1359, Kostermans 5693, 5804, Main 1899, Winkler 2468

*F. racemosa* Jack ex Wall.

Engkudug biang (B).

SB, BR, SR, KW, KC, KE, KS

Very common in open primary and secondary forest, up to 2000 m altitude.

Afriastini 307, Ambriansyah & Arifin Zainal W 73, W 846, Aet 675, Amdjah 101, 151, 164, 275, 594, 882, van Balgooy & van Setten 5571, Burley et al. 372, 450, 513, Endert 1451, 1850, 2315, 2593, 3295, 3903, 5054, Geesink 8943, Giesen 85, Hallier 1290, 1514, 1586, 1645, Iwatsuki et al. 7146, Jaheri 7, 162, 169, 1060, Kade Sidiyasa S 201, S 787, Kato et al. 7541, 7820, Kostermans 7782, 7951A, 9032, 10555A, 21331, Leeuwenberg & Rudjiman 13035, Leighton 362, Main 1731, 1984, Meijer 2098, Mogeia 3718, Murata et al. 3415, Nooteboom 4797, 4850, Prawiroatmodjo 258, Rahayu 102, Ramlanto 27, Sauveur 6, 134, Shea 27838, Soegeng 129, Tukirin 367, Veldkamp 8251B, 8465, 8516, Winkler 345, 1270, 2201, Wiriadinata 1339, 3194

## LYTHRACEAE

### LAGERSTROEMIA

*L. pyriformis* Koehne

SB, KE

Boschproefstation bb 29270, bb 34660, Endert 2073, 2311, Kostermans 5046, 5485, 9627, 10214, 10249, 21051

*L. speciosa* (L.) Pers.

Bungur (B).

SB, SR, KW, KE, KS

Boschproefstation bb 2111, bb 2659, bb 13571, bb 13857, Endert 1402, Hallier 93, Kostermans 4381, Winkler 12

## MAGNOLIACEAE

### ELMERILLIA

*E. tsiampacca* (L.) Dandy ssp. *mollis* (Dandy) Noot.

Arau (Kutai), minag (B).

SB, SR, KC, KE

Ambriansyah & Arifin Zainal W 926, van Balgooy 6096, Boschproefstation  
bb 17835, bb 17916, bb 18891, bb 26064, Endert 2282, Kostermans 4198,  
5111, 9624, 10456, 13730, 21691, Mogeia 4084, Nooteboom 4518A,  
Ridsdale & Sidiyasa PBU 90, Ueda & Darnaedi 11531, Winkler 2345,  
Wiradinata 640

### MAGNOLIA

*M. candollii* (Blume) H. Keng var. *candollii*

SB, SR, KC, KE, KS

Ambriansyah & Arifin Zainal AA 635, Enoh 342, Kade Sidiyasa S 612,  
Kostermans 7337, 7438, 12737, 13102, 13401, Kramadibrata 153, Mogeia  
4025

*M. candollii* (Blume) H. Keng var. *obovata* (Korth.) Noot.

SB, SR, KE

Endert 3424, 5045, Kostermans 12638, 14001, 21202, 21344, Leighton 395,  
Ueda & Darnaedi 8975

*M. candollii* (Blume) H. Keng var. *singaporensis* (Ridl.) Noot.

SB, SR, KE

Kade Sidiyasa S554, S 822, Kessler 622, Kostermans 7000, 13591

*M. lasia* Noot.

SB, KE

Ambriansyah & Arifin Zainal W 625, van Balgooy 5926A, 5967, Kade  
Sidiyasa S 532, Kato et al. 7830, 10042, 11751, Ueda & Darnaedi 11563

*M. uvariifolia* Noot.

Karampilung (M).

SB, SR, KE

Boschproefstation bb 18915

### MICHELIA

*M. champacca* L.

SB, BR, SR, KW, KC, KE, KS

Commonly cultivated, probably originally from India.

Ambriansyah & Arifin Zainal AA 167, AA 360

## MALVACEAE

### HIBISCUS

*H. borneensis* Airy Shaw

Waru laut (M).

SR, KE

Boschproefstation bb 24017, Kostermans 6758, 6758 a, 6987, 7010

*H. tiliaceus* L.

Waru (M).

SB, BR, SR, KW, KE

Ambriansyah & Arifin Zainal AA 182, Endert 1423, 4075, Kade Sidiyasa S 654, Kessler 580, Polak 483, Shea 27531

### THESPESIA

*T. populnea* (L.) Corr.

SB, SR, KW

Usually in beach vegetation.

Hallier 387, Mondri 102

## MELASTOMATACEAE

### MELASTOMA

*M. malabathricum* L.

SB, SR, KE

Ambriansyah & Arifin Zainal W 283, Endert 1564, 3250, van Valkenburg 1247

*M. polyanthum* Blume

SB, BR, SR, KW, KE, KS

Common, shrub or small tree.

Boschproefstation bb 63, bb 1950, Endert 4312, Kostermans 6848, Maskuri 142, Meijer 1036, 2019, 2312, Mondri 52, Ramlanto 15, Shea 27408, Soetisna 97, Wiriadinata 16, 193, 1143, 1189

### MEMECYLON

*M. borneense* Merr.

SB, BR, SR, KE

Dransfield 4432, Endert 1501, Hallier 1071, 1469, Kostermans 8649, Main 2136

*M. campanulatum* C.B. Clarke

SR, KW, KE

Burley et al. 2554, Kostermans 7169

*M. garcinioides* Blume

SB, BR, SR, KW, KE

Burley et al. 2383, 2782, Kostermans 10036, 12991, Mondi 85, Winkler 2369

*M. lilacinum* Zoll. & Mor.

SB, BR, SR, KW, KE, KS

Common behind mangrove on white sand, but also regularly found in the inland.

Afriastini 959, 1136, Boschproefstation bb 16542, bb 34884, Endert 1729, Giesen 114, Kostermans 4859, 4903, 7584, 9161, Meijer 2360, Mondi 197, Shea 26853, Soegeng 76, Winkler 3316, Wiriadinata 663, 1225

*M. paniculatum* Jack

SB, BR, SR, KW, KE

Common in primary and secondary forest.

Boschproefstation bb 20692, bb 26333, Burley et al. 394, 700, Endert 2265, 2433, 2696, 2840, 3739, 4874, Hallier 1226, 1781, Jaheri 1114, Kostermans 4865, 5170, 5205, 5431, 7191A, 8618, 8726, 8890, 9038, 10466, 12572, 21340, Meijer 1927, 2067, 2120, 2122, Mondi 213, Soegeng 85, 711, Teijsmann 11246, Winkler 2566

## **PTERNANDRA**

The whole genus is usually called berencemog (B).

*P. azurea* (Blume) Burkill

SB, SR, KC, KE, KS

Aet 715, Amiril Sairdan AS 9344, Endert 3195, 3622, 5192, Forman 428, Hallier 864, 1419, 1601, 1763, 2740, 3113 Kartawinata 765, Kostermans 5535, 7039, 7507, 9043, Leighton 695, Maskuri 757, Meijer 2252, Paymans 71, Tukirin 547, Winkler 2311

*P. coerulescens* Jack

Luwo (M).

SB, BR, SR, KW, KC, KE, KS

Common in primary and secondary forest.

Aet 200, 661, Afriastini 117, 953, Amdjah 804, Boschproefstation bb 10918, bb 12639, bb 16590, Endert 1545, Giesen 105, Hallier 901, 1288, 1630, 1647, 2049, 2159, Kartawinata 1265 Kostermans 4456, 4709, 5083, 5429, 5637, 6706, 9071, 9128, Kramadibrata 205, Leighton 279, Meijer 2366, 2469, Murata et al. 633, 1300, 1732, 4347, 4597, 4642, Soegeng 101, Soetisna 21, Tukirin 525, 544, Winkler 2249, 2408, Wiriadinata 581, 1074, 1195



*P. cogniauxii* Nayar  
SB, SR, KW, KE  
Endert 2031, 2659, 4970, Hallier 809, 1308, 1559, 1902, Meijer 2537,  
Sauveur 5, 133

*P. galeata* (Korth.) Ridl.  
SB, BR, SR, KE, KS  
Aet 748, Boschproefstation bb 12084, bb 24637, Buwalda 7935, Darnaedi  
394, Giesen 118, Hallier 203, 823, 847, 988, 1915, Kartawinata 958,  
Kostermans 4721, 6868, 8066, 9916 21540, Main 2162, Soengeng 65,  
Winkler 2564

*P. rostrata* (Cogn.) Ohwi  
SB, BR, SR, KC, KE  
Aet 443, Afriastini 90, 191, Ambriansyah & Arifin Zainal W 786, Burley et  
al. 506, 568, Forman 498, Endert 2596, 4980, Hallier 1082, 2596, 2736,  
3208, Kartawinata 717, 1191, Kostermans 4154, 4238, 6440, 21115, 21573,  
Meijer 496, 2148, Murata et al. 332, 350, 3032, Rahayu 162, Wiriadinata  
1322

## MELIACEAE

### AGLAIA

*A. crassinervia* Kurz ex Hiern  
SB, BR, SR, KE, KS  
van Balgooy 5727, Endert 2594, 3149, 4780, Kartawinata 804, 1020, 1184,  
Kostermans 8716, 8891, 9099, 9100, 9632, 9794, 10620, 10777, Rahayu  
616, de Vogel 741, Wiriadinata 262

*A. elliptica* Blume  
SB, BR, SR, KW, KC, KE, KS  
Very common in primary and secondary forest, often also along rivers  
expressing a rheophytic habitus.  
Afriastini 371, Amdjah 219224, 350, van Balgooy & van Setten 5548,  
Boschproefstation bb 19177, bb 34676, Endert 2510, 2763, 3484, Enoh 351,  
Giesen 61, Hallier 910, 2782, Jaheri 618, 1103, Kostermans 5018, 5127,  
5294, 5389, 5578, 5758, 6874, 7380, 8887, 9510A, 10727, 13228, 13363,  
13373, 13418, 13636, 13718, 13759, 13779, 21767, Mogeia 3702,  
Nooteboom 4142, 4408, Sauveur 1, 108, Wiriadinata 278

*A. forbesii* King  
SB, BR, SR, KE  
van Balgooy 5802, Endert 5012, Kostermans 6705, 10170, 10208A

- A. glabrata* Teijsm. & Binn.  
SB, BR, SR, KW, KE  
Boschproefstation bb 13093, bb 16546, bb 26872, Kostermans 6567, 7655, 8694, 9965, 10201, Muis 6, Nooteboom 5031, Sauveur 10
- A. korthalsii* Miq.  
SB, BR, SR, KC, KE, KS  
Alston 13328, Boschproefstation bb 2605, bb 19184, bb 25137, Endert 4756, Kato & Wiriadinata 6550, Kostermans 5077, 5171, 5316, 6001, 81064, 81072, 10198, 10612, 10634, 10637, 13336, 13927, Leighton 516, 1009, Sauveur 3, 106
- A. lawii* (Wight) Ramamoorthy  
SB, BR, SR, KW, KC, KE  
Afriastini 148, van Balgooy 5387, Jaheri 534, 1129, Kostermans 6218, 6137, 10525, 12678, 21035, Murata et al. 798, Veldkamp 8563, Wiriadinata 557
- A. leucophylla* King  
SB, BR, SR, KW, KC, KE, KS  
van Balgooy 5463, Kartawinata 994, Kostermans 6831, Mogeia 3499, Mondi 212, Mori et al. 17857, Nedi 726, Nooteboom 4287, 4393, Veldkamp 7948, 8182
- A. macrocarpa* (Miq.) Pannell  
SB, KE, KS  
Kostermans 5670, 4092, 4422, 6632, 7388, 7411, 7581, 8901, 9028, 10623, Leighton 914, de Vogel 1028
- A. odoratissima* Blume  
Common in primary and secondary forest.  
SB, BR, SR, KE  
Boschproefstation bb 13924, Endert 3061, 3809, 3818, 4859, 4945, Kostermans 54645892, 6165, 6769, 6779, 8766, 10484, 13565, 13753, 13771, 13979, 21212, 21292, 21363, 21410, 21527, Meijer 2071, 2165, 2266, Soegeng 29, 715
- A. oligophylla* Miq.  
SB, SR, KE, KS  
Hallier 3068, 3325, Jaheri 373, Kartawinata 805, 808, 1033, Kostermans 4847, 10168, 21043, de Vogel 845
- A. rufinervis* (Blume) Bentvelzen  
SB, SR, KE  
Kostermans 10669, 10680, 13131

*A. silvestris* (M. Roemer) Merr.

SB, SR, KE, KS

Common in primary and secondary forest.

Boschproefstation bb 13231, bb 13340, bb 16675, bb 16678, bb 16692, bb 18454, Dachlan 2318, Endert 3143, 3428, Hallier 3080, Kostermans 30, 4201, 4398, 6843, 8756A, 8899, 8914, 9569, 9956, 21175, Meijer 2240, Paymans 38, 140, Winkler 2416

*A. simplicifolia* (Bedd.) Harms

SB, BR, SR, KW, KC, KE

Afriastini 887, van Balgooy 5829, Kessler 643 Kostermans 4478, 9746, 9753, 10046A, 10057, 21169, 21170, Nooteboom 4420

*A. spectabilis* (Miq.) Jain & Bennet

SB, SR, KE

Ambriansyah & Arifin Zainal W 246, Boschproefstation bb 13257, bb 17799, bb 24767, Kostermans 49, 6935, 6960, 9878, 9902, 10779

*A. tomentosa* Teijsm. & Binn.

SB, BR, SR, KW, KC, KE, KS

Very common in primary and secondary forest.

Ambriansyah & Arifin Zainal AA 106, AA 262, Ambriansyah & Arifin Zainal W 778, W 919, W 1019, Amdjah 513, van Balgooy 5781, Boschproefstation bb 6384, bb 13237, Burley et al. 746, 804, Dachlan 2032, 2373, Endert 2233, 2295, 2336, Hallier 426, 1771, 2617, 3305, Kartawinata 964, 969, Kostermans 4249, 4701, 5187, 6662, 7293, 8089, 8919, 9041, 10173, 13871, 21163, 21215, 21230, 21519, 21625, Ma'roef AM 215, Maskuri 814, Meijer 1935, 2060A, 2074, 2523, Mogeia 3582, 3646B, Murata et al. 4641, Rasjid 2135, Shea 27701, van Slooten 2311, Veldkamp 8067, 8322, 8443, Verhoef 71, de Vogel 804, Winkler 3148, 3190, Wiriadinata 210, 335, 832

## APHANAMYXIS

*A. borneensis* (Miq.) Merr.

SB, SR, KW, KE

Amdjah 230, 1014, Bianchi 35, Hallier 3282, Jaheri 435, Kessler 644, Meijer 2437, Nedi 724, Wiriadinata 852

*A. polystachya* (Wall.) R.N. Parker

SB, SR, KC, KE

Amdjah 68, Boschproefstation bb 25149, bb 34263, Endert 2130, 2370, 2516, 2966, 4605, Hallier 3029, Kostermans 5857, Mogeia 4091, Wiriadinata 3446

## CHISOCHETON

*C. ceramicus* (Miq.) C.DC.

SB, BR, SR, KE, KS

Boschproefstation bb 12383, bb 18526, bb 18813, bb 19221, bb 26263,  
Hallier 354, Kostermans 6225, 10558A

*C. lansiifolius* Mabberley

SB, SR, KC, KE, KS

Endert 5127, Kostermans 5490, 9021, 9140A, 10523, 13249, Kartawinata  
827, Mogeia 4351

*C. macranthus* (Merr.) Airy Shaw

SB, BR, SR, KE

Boschproefstation bb 19230, Endert 2591, Hallier 1938, Kostermans 13421,  
Ma'roef AM 333

*C. macrophyllus* King

SB, SR, KE

Boschproefstation bb 19239, Kostermans 6834, 8897, 9571, Soegeng 740

*C. medusae* Airy Shaw

SR, KE

Kostermans 5897, 13967

*C. patens* Blume

SB, SR, KC, KE, KS

Amdjah 427, Boschproefstation bb 26246, Kostermans 4361, 7694, 8127,  
9963, 10127, 10195, Mogeia 3684

## DYSOXYLUM

*D. acutangulum* Miq.

KE

Boschproefstation bb 13001, Kostermans 4353, Ramli 2326, Sabana 2

*D. alliaceum* (Blume) Blume

SB, BR, SR, KW, KE, KS

Common tree from primary and secondary forest.

Afriastini 190, van Balgooy 5830, Boschproefstation bb 12169, bb 12900, bb  
13224, bb 18895, bb 31621, Hallier 233, 1256, Kostermans 4377, 4893,  
6101, 6642, 6715, 6740, 7024, 7088, 7093, 7116, 7170, 8095, 8798, 8913,  
9207, 10110, 10392, 10533, 10607A, 21611, Meijer 2532, Mondi 214,  
Paymans 35, 148, Teijmann 8493

- D. arborescens* (Blume) Miq.  
 SB, KE, KS  
 Endert 1716, 1790, 5401, Jaheri 116, Kartawinata 864, 945, Kato & Wiriadinata 5511, Kostermans 5856, 9698, 13666, 13687, Ma'roef AM 311, Soengeng 131, Winkler 2842, Wiriadinata 1334
- D. cauliflorum* Hiern  
 SB, BR, SR, KE, KS  
 Kostermans 7949, 8939, 12565, Meijer 2076, 2296a
- D. cyrtobotryum* Miq.  
 Rupai (Banjar), Benjiur (Kutai).  
 SB, BR, SR, KW, KE, KS  
 Usually in primary, sometimes reported from secondary forest.  
 Boschproefstation bb 2465, bb 6277, bb 15190, bb 25615, bb 34042, Endert 2518, 3334, 4443, 4512, Forman 524, Hallier 2677, Kostermans 2169, 6593, 7971, 9795, 8898, 10259, 12754, 13756, Main 2170, Sauveur 12, 138 Wiriadinata 818
- D. densiflorum* (Blume) Miq.  
 SB, SR, KE  
 Boschproefstation bb 14741, bb 26068, Kostermans 4267, 10670
- D. excelsum* Blume  
 SB, SR, KE, KS  
 Boschproefstation bb 34422, Endert 1881, 1987, 1996, 2292, Hallier 17, 1114, 1396, 2079, Kostermans 4366, 4396, 6219, 6221, 7472, 7681, 21588, 21697, Dachlan 1994, Winkler 3147
- D. pachyrhache* Merr.  
 Peleh manuk (Kutai).  
 SB, SR, KW, KE  
 Boschproefstation bb 29055, Kostermans 29, 6523 9779, Paymans 111, Sauveur 58
- D. parasiticum* (Osb.) Kosterm.  
 SB, KE, KS  
 Kartawinata 879, Kostermans 5966, de Vogel 702, 911
- D. rugulosum* King  
 SB, SR, KE  
 Endert 2827, Kostermans 9792, 10510, 12573A, Maskuri 125, Wiriadinata 320

## HEYNEA

*H. trijuga* (Roxb.) Roxb. ex Sims.

Syn.: *Trichilia connaroides* (W. & A.) Benth.

SB, BR, SR, KE, KS

Boschproefstation bb 12235, bb 29411, Kostermans 5126, 9885, 10693,  
Winkler 2654, Wiriadinata 1070

## PSEUDOCLOUSENA

*P. chrysogyne* Miq.

Syn.: *Walsura chrysogyne* (Miq.) Bakh. f.

SB, BR, SR, KE

Ambriansyah & Arifin Zainal W 1037, van Balgooy 6210, Kostermans 4348,  
4385, 4844, 4890, 7156, 7275, 7477, 7454, 7475, 10054, Meijer 2099

## SANDORICUM

*S. beccarianum* Baill.

SR, KW, KE, KS

Boschproefstation bb 7151, bb 18261, Kostermans 7752, 8149, Meijer 2382

*S. borneense* Miq.

SB, BR, SR, KE

Aban 2470, Hallier 209, 834, 982, Kostermans 6642, 21653

## WALSURA

*W. pinnata* Hassk.

SB, BR, SR, KC, KE

Ambriansyah & Arifin Zainal W 174, W 1002, van Balgooy 5944

## MIMOSACEAE

### ARCHIDENDRON

*A. clypearia* (Jack) Nielsen

SB, BR, SR, KW, KC, KE, KS

Ambriansyah & Arifin Zainal W 1A, van Balgooy 5906, Boschproefstation bb  
10916, bb 34904, Burley et al. 618, Enoh 298, Forman 513, Hallier 126,  
949, Kade Sidiyasa S 647A, Kartawinata 1408, Kostermans 1957, 4158,  
7349, 7757, 7915, 7929, 9044, 9685, 12956, 13021, Polak 639, Sauveur 10,  
Shea 23451, 26392, 26541, 27072, 27104, 27178, Wiriadinata &  
Prawiroatmodjo 103

*A. havilandii* (Ridley) Nielsen

SB, SR, KW, KE

Ambriansyah & Arifin Zainal AA 396, Ambriansyah & Arifin Zainal W 765,  
Boschproefstation bb 34899, Endert 3337, Kostermans 7691, 7692, 12534  
A, Shea 26090, Winkler 3163

## MORACEAE

### ARTOCARPUS

*A. anisophyllus* Miq.

Bintawa (M), puan (Kutai), pepuan (B).

SB, SR, KC, KE, KS

Common treelet, leaves compound, large and small leaflets in regular order.  
Ambriansyah & Arifin Zainal W 544, Boschproefstation bb 7971, bb 8145,  
bb 9862, bb 10506, bb 11275, bb 11859, bb 13053, bb 14685, bb 15285,  
bb 15319, bb 16137, bb 16752, bb 16928, bb 25588, Kostermans 13276,  
21321, Nooteboom 4154, 5047, Sauveur 39, Wiriadinata 3370

*A. dadah* Miq.

Tampang (M), darak (B).

SB, SR, KE

Common in the forest, sometimes also found in villages.

Ambriansyah & Arifin Zainal W 42, W 412, W 882, Boschproefstation bb  
13308, bb 13366, bb 16133, bb 16696, bb 18865, Endert 1945, Hallier  
1153, Kade Sidiyasa S 417, Kostermans 6644, 7018, 9970, Lam 3571,  
Sauveur 71 78, 97

*A. elasticus* Reinw. ex Blume

Terap (M), Toyop (B).

SB, BR, SR, KW, KE

Boschproefstation bb 14689, bb 15219, bb 15220, bb 15223, bb 15227, bb  
15241, bb 15318, bb 16130, bb 19039, Laumonier TFB 1287, Sauveur 43,  
Shea 23824

*A. fretessii* Teijsm. & Binn.

KE

Boschproefstation bb 2475, Kostermans 6902

*A. glaucus* Blume

SB, SR, KW, KE

Boschproefstation bb 7086, Dachlan 2411

- A. heterophyllus* Lam.  
 Nangka (M), nakan jawah (B).  
 SB, BR, SR, KW, KC, KE, KS  
 Cultivated and very common fruit trees in villages.  
 Ambriansyah & Arifin Zainal W 1032
- A. integer* (Thunb.) Merr.  
 Chempedak (M), nakan (B).  
 SB, BR, SR, KW, KC, KE, KS  
 Common fruit trees, frequently cultivated in villages.  
 Ambriansyah & Arifin Zainal AA 696, Boschproefstation bb 16754,  
 Kostermans 7071, 21384, van Valkenburg 1127
- A. kemando* Miq.  
 Pudog (B).  
 SB, BR, SR, KE  
 Boschproefstation bb 16154, bb 16242, bb 16254, bb 16260, bb 16731, bb  
 16762, bb 26350, bb 35033, Endert 1952, 5065, Kostermans 6068, 7190,  
 10066, Teijsmann 11255
- A. lanceaefolius* Roxb.  
 Emputu (M), Keledang (B).  
 SB, BR, SR, KW, KE  
 Sometimes used as a timber tree.  
 Ambriansyah & Arifin Zainal W 546, W 547, Boschproefstation bb 16482,  
 bb 16486, bb 16681, bb 16695, bb 17882, bb 18461, bb 18835, bb 24672,  
 bb 24763, bb 26174, bb 26374, bb 34789, Endert 3683, Huc TFB 1299,  
 Kade Sidiyasa S 693, Kostermans 6627, 7096, Shea 26437, Wiriadinata  
 1199
- A. longifolius* Becc.  
 SB, SR, KE  
 Endert 1840, Nedi 769
- A. nitidus* Trec. ssp. *borneensis* (Merr.) Jarrett  
 SB, SR, KE  
 Boschproefstation bb 35021, Endert 1954, 3191, Kostermans 6447, 7365
- A. nitidus* Trec. ssp. *griffithii* (King) Jarrett  
 SB, BR, SR, KE  
 Ambriansyah & Arifin Zainal W 3, van Balgooy 5920, Kade Sidiyasa S 228,  
 Kostermans 10233, 10189, 10202, 13009
- A. nitidus* Trec. ssp. *humilis* (Becc.) Jarrett  
 SB, BR, SR, KW, KE  
 Boschproefstation bb 17421, bb 27034, Endert 1704, Kostermans 6363, 7129,  
 9953, Obi 2140



- A. odoratissimus* Blanco  
 Benturung (B).  
 SB, BR, SR, KW, KE  
 Amdjah 136, Boschproefstation bb 19103, bb 26196, bb 26328, Kostermans  
 8933, 21615, Meijer 1851, Wiriadinata 1180
- A. rigidus* Blume  
 Keledang (M).  
 SB, SR, KE  
 Ambriansyah & Arifin Zainal AA 52, Ambriansyah & Arifin Zainal W 502,  
 Boschproefstation bb 13365, bb 25122, Endert 1953, Kade Sidiyasa S 442,  
 Kostermans 7186, 21066, 21229
- A. sericicarpus* Jarrett  
 KE  
 Boschproefstation bb 14625, Kostermans 13501
- A. tamaran* Becc.  
 SB, SR, KW, KE, KS  
 Leaves in juvenile branches pinnate.  
 Boschproefstation bb 9944, bb 24760, bb 29070, Kostermans 5853
- A. teijsmannii* Miq.  
 Tudak (B).  
 SR, KW, KE  
 Boschproefstation bb 2094, bb 6295, bb 25639, Endert 1879, Kostermans  
 12643, 21128, Teijsmann 7895

## FICUS

No revision is available for this large genus. The following two species are easy to recognize.

- F. deltoidea* Jack  
 Tabat barito (Banjar).  
 SB, BR, SR, KW, KC, KE, KS  
 Ambriansyah & Arifin Zainal AA 124, van Balgooy 6133, Kade Sidiyasa S  
 738, S 745, van Valkenburg 1178
- F. grossularioides* Burm. f.  
 SB, BR, SR, KW, KC, KE, KS  
 Ambriansyah & Arifin Zainal W 11, Kade Sidiyasa S 196, S 196b

## PARARTOCARPUS

*P. bracteatus* (King) Becc.

Tampang (M).

SB, SR, KE

Ambriansyah & Arifin Zainal W 149, W 928, van Balgooy 5897, 6099, Boschproefstation bb 24741, bb 24753, bb 29257, Jaheri 1405, Kostermans 4303, 6550

*P. venenosus* (Zoll. & Moritzi) Becc.

SB, BR, SR, KW, KE

Boschproefstation bb 16047, bb 16054, bb 16782, bb 16801, bb 17930, bb 32296, Endert 1898, Kostermans 8664, Meijer 2372

## MYRTACEAE

### EUGENIA

The whole genus is usually called "Jambu".

As no revisions are available, almost all identifications are doubtful and therefore I refrain from giving an enumeration.

### RHODAMNIA

*R. cinerea* Jack

Keremunjing (B).

SB, BR, SR, KW, KC, KE, KS

Rather common in open primary and secondary forest.

Afriastini 1216, Alston 13285, Ambriansyah & Arifin Zainal W 87, W 755, Becking 40, Boschproefstation bb 14419, bb 14951, Dachlan 2379, Endert 1526, 2001, Hallier 2384, Kartawinata 915, Kostermans 4532, 4729, 9958, 13574, Leighton 716, Mondi 175, Mori et al. 17872, Tukirin 581, Veldkamp 8258, Winkler 2352, 3390, 3417, Wiriadinata 868

### RHODOMYRTUS

*R. tomentosa* (W. Aiton) Hassk.

Bekakangal (B).

SB, BR, SR, KW, KC, KE, KS

Common small tree on kerangas, especially in open sandy ground.

Dachlan 2416, Dransfield & Hambali 4336, Enoh 366, 425, Hallier 2245, Kessler 560, Main 1779, Mondi 177, Polak 715, Prawiroatmodjo 453, Schmutz 4920, 4923, Tukirin 286, Winkler 3107

## OCHNACEAE

### GOMPHIA

*G. serrata* (Gaertn.) Korth.

Mulak (M).

SB, BR, SR, KW, KC, KE

Fairly common, mainly in primary forest but also in open scrub vegetation. Ambriansyah & Arifin Zainal AA 101, AA 246, AA 309, Amdjah 197, 1012, 1047, Boschproefstation bb 11266, bb 15589, bb 18893, bb 28125, Endert 3577, Hallier 2631, 2742, 2863, Jaheri 418, 614, 651, 654, Kade Sidiyasa S 651, Kato et al. 10194, Kostermans 6498, 6606, 7456, 8677, 12629, 12796, 13306, Meijer 2092, 2571, Mogeia 4214, Nooteboom 4109, Shea 26712, van Valkenburg 1287, Veldkamp 8378

## OLEACEAE

### CHIONANTHUS

*C. curvicaarpus* Kiew

SB, KE

Usually from primary forest.

Ambriansyah & Arifin Zainal AA 569

*C. pluriflorus* (Knobl.) Kiew

SB, BR, KW, KC, SR, KE

From primary and secondary forest.

Ambriansyah & Arifin Zainal AA 373, AA 505, Boschproefstation bb 24677, bb 29255, Dachlan 2491, Winkler 244, Wiriadinata 3345

## OXALIDACEAE

### SARCOTHECA

The whole genus is usually called "Belimbing hutan".

*S. diversifolia* (Miq.) Hall. f.

SB, BR, SR, KW, KE

Ambriansyah & Arifin Zainal W 965, W 973, W 994, Boschproefstation bb 16918, bb 19067, bb 34743, Hallier 237, Kostermans 34, 5534, 9212, 9503

*S. macrophylla* Blume

Pengo (B).

KW, KC, KE, KS

Afriastini 118, 902, Amdjah 8, Boschproefstation bb 10914, Forman 458, Hallier 2269, 8385, Jaheri 341, Kostermans 4703, 7928, 10442, 13519, 13537, Main 1798, Mogeia 3458, Rahayu 123, Winkler 165, 2282

*S. rubrinervis* Hall. f.

SB, SR, KE

Amdjah 1082, Endert 1589, 2391, Kostermans 9142, 9686, 21087, Meijer 2520

## PAPILIONACEAE

### FORDIA

*F. brachybotrys* Merr.

SB, BR, SR, KW, KC, KE

In primary and secondary forest, often along rivers.

Ambriansyah & Arifin Zainal AA 432, Boschproefstation bb 19178, Burley et al. 395, 617, Endert 2298, 2907, Forman 451, Hallier 3102, Jaheri 609, Kostermans 5136, 6760, 9525, 21359, Leighton 541, Nootboom 4178, 4387, 4425, Veldkamp 8044, Winkler 30

*F. splendissima* (Blume ex Miq.) Buysen

SB, BR, SR, KW, KC, KE

Common in primary and secondary vegetation.

Afriastini 38A, Alston 13383, Ambriansyah & Arifin Zainal AA 202, Ambriansyah & Arifin Zainal W 33, W 814, Amdjah 150, Axelius 254, van Balgooy 5710, 5825, Elsener 216, Endert 1434, 1476, Forman 483, Geesink 9345, Hallier 1329, 2126, 3201, 3279, Kartawinata 1160, Kostermans 4215, 4388, 4802, 6684, 10087, 13699, Leeuwenberg & Rudjiman 13045, 13110, Leighton 53, 177, Main 2155, Ma'roef 211, Maskuri 170, Mogeia 3597, 3618, 4299, Nootboom 4194 4216, 4218, 4308, 4826, 4834, 5002, 5042, Ramlanto 1, Soegeng 5, 137, van Valkenburg 1250, Winkler 387, 1200, Wiriadinata 288

### ORMOSIA

*O. bancana* (Miq.) Merr.

SB, BR, SR, KC, KE

In primary and secondary forest.

Boschproefstation bb 13927, bb 18272, Kostermans 8093, 9561, 21004, Kade Sidiyasa S 277, S 648,

## PIPERACEAE

### PIPER

*P. aduncum* L.

KE

Ambriansyah & Arifin Zainal W 717, Kostermans 6504, Leeuwenberg & Rudjiman 13036, Murata et al. 23, Ramlanto 20, Schmutz 4921, Wiriadinata 1148, Wiriadinata & Prawiroatmodjo 130

## PITTOSPORACEAE

### PITTOSPORUM

*P. ferrugineum* Aiton

SB, SR, KE

Winkler 3336

## POLYGALACEAE

### XANTHOPHYLLUM

*X. adenotus* Miq.

SB, BR, SR, KC, KE

In primary and secondary forest.

Endert 4958B, 5078, Hallier 882, Kostermans 12707, 21662, Meijer 2424, Mogeia 3626, 4036, Wiriadinata 3588

*X. affine* Korth. ex Miq.

SB, BR, SR, KW, KC, KE, KS

Common in primary and secondary vegetation.

Afriastini 177, Ambriansyah & Arifin Zainal W 349, van Balgooy 5851, 5859, Boschproefstation bb 16100, bb 17088, bb 18353, bb 26223, Endert 1703, 3372, 3476, 3859, 4371, Giesen 45, Hallier 495, 2224, Kade Sidiyasa S 270, S 294, Kato 10663, Kostermans 6201, 6465, 6921, 9155, 9942, 10084, 10142A, 13240, Leeuwenberg & Rudjiman 13042, Main 1973, Mogeia 4064B, Nooteboom 5036, Sauveur 932, Shea 26891, Winkler 2820, Wiriadinata 3371

*X. amoenum* Chodat

SB, BR, SR, KW, KE

In primary as well as secondary forests.

Afriastini 880, Ambriansyah & Arifin Zainal W 402, W 626, Boschproefstation bb 15229, bb 16470, Mondi 48

*X. flavescens* Roxb.

SB, SR, KW, KE

Boschproefstation bb 16148, bb 17782, bb 17853, bb 18849, bb 34716, bb 29063, Endert 2126, 2190, Forman 474, Kade Sidiyasa S 802, Kostermans 22, 7779, 9656, 13524, 13589

*X. obscurum* A.W. Bennett

Mengkudu (Banjar).

SB, SR, KC, KE

In primary and secondary forest. Pulp of fruits is edible.

Ambriansyah & Arifin Zainal W 132, W 321, W 666, W 709, W 916, van Balgooy 6085, Boschproefstation bb 18492, bb 18854, Endert 3616, Kade Sidiyasa S 520, Kostermans 6738, 9555, 10160, 10187, 10383, 12518, Nootboom 4409, Sauveur 7, 96

*X. vitellinum* (Blume) Dietr.

SB, SR, KW, KC, KE, KS

In primary and secondary vegetation.

Ambriansyah & Arifin Zainal AA 253, Ambriansyah & Arifin Zainal W 648, Boschproefstation bb 12229, bb 13881, Endert 5181, Mogeia 3489, Veldkamp 7929

## PROTEACEAE

### HELICIA

*H. robusta* (Roxb.) R. Br.

SB, BR, SR, KE, KS

Mainly in secondary vegetation, in primary forests usually along rivers.

Endert 1736, 2306, Kato et al. 9103, 9401, Kostermans 10004, Labohm 1959, Leighton 4, 31, 611, Ueda & Darnaedy 8799, Winkler 2195

## RHAMNACEAE

### ALPHITONIA

*A. excelsa* (Fenzl) Reiss. ex Endl.

Syn.: *A. incana* (Roxb.) Kurz ex Hoogland

SB, BR, SR, KW, KC, KE

In Sabah, Brunei and Sarawak sometimes forming pure stands in secondary vegetation.

Ambriansyah & Arifin Zainal W 618, Endert 1944, Kade Sidiyasa S 651, Shea 27320, TFB 1219, Tukirin 372

## RHIZOPHORACEAE

### CARALLIA

*C. brachiata* (Lour.) Merr.

SB, BR, SR, KW, KC, KE, KS

Very common and widespread in primary and secondary vegetation.

Ambriansyah & Arifin Zainal W 1000, Boschproefstation bb 13282, bb14425, bb 14952, bb 15793, bb 16765, bb 16789, bb 17809, bb 18953, bb 26339, bb 28359, bb 34434, bb 34704, bb 34772, Buwalda 7670, 7679, Endert 1528, 1723, 2296, 3554, Giesen 31, Hallier 125, 836, 837, 1215, 2099, 3275, Kostermans 4208, 4442, 5493, 5587, 5645, 5696, 5718, 6584, 8048, 8921, 10095, 13078, 13546, Nooteboom 4942, Rahayu 105, Veldkamp 8527, Winkler 3162

### GYNOTROCHES

*G. axillaris* Blume

SB, BR, SR, KW, KE

Common in Belukar, easily recognized by its opposite leaves, long pointed buds and hollow twigs with swollen nodes.

Ambriansyah & Arifin Zainal W 363, Amdjah 44, Endert 4438, Kade Sidiyasa S 357, Polak 733, Prawiroatmodjo 323, Shea 26733, 26865, 26921, van van Wijk 47

### PELLACALYX

*P. axillaris* Korth.

SB, SR, KE, KS

Boschproefstation bb 34252, Buwalda 7967, Hallier 121, Sauveur 65, Kade Sidiyasa S 830, Kostermans 4191

*P. lobbii* (Hook. f.) Schimper

Banglai (Banjar).

SB, BR, SR, KE

Ambriansyah & Arifin Zainal W 314, W 750, W 780, Forman 443, Hallier 2522, Kostermans 4331, 5694, 6395, 7038, 7130, 7729, 10203, 10304, Sauveur 69

## ROSACEAE

### PRUNUS

*P. arborea* (Blume) Kalkman var. *arborea*

SB, SR, KE

Boschproefstation bb 18846, Endert 3105, 3276, 3449, Kato et al. 9927, Kostermans 10236, bb 34787, bb 34790, Paymans 165

*P. arborea* (Blume) Kalkman var. *stipulacea* (King) Kalkman  
SB, SR, KE  
Hallier 3079, Kato et al. 8378, Kostermans 21502

*P. beccarii* (Ridl.) Kalkman  
SB, SR, KC, KE  
Ambriansyah & Arifin Zainal W 1036, Kostermans 12501, 12504, Veldkamp  
8399

*P. javanica* (Teijsm. & Binn.) Miq.  
Merlipas (B).  
SB, KW, KC, KE  
Afriastini 936, Boschproefstation bb 24682, bb 32498, Endert 2247, Hallier  
1008, Kostermans 7276, 13586, Leighton 240 Nooteboom 4242, 4449,  
Soegeng 725

*P. lamponga* (Miq.) Kalkman  
SB, SR, KE  
Amdjah 733, Wiriadinata 1329

## RUBIACEAE

### ANTHOCEPHALUS

*A. chinensis* (Lam.) A. Rich. ex Walp.  
Jabon (M), laran (M), entog (B).  
SB, BR, SR, KE  
Very common in belukar, a fast growing timber tree.  
Ambriansyah & Arifin Zainal W 92, van Balgooy 5995

### NEONAUCLEA

*N. excelsa* (Blume) Merr.  
SB, SR, KC, KE  
Endert 1424, Hallier 832, Kade Sidiyasa S 543, Rahayu 153, van Valkenburg  
1025, Winkler 2273, Wiriadinata 3343

*N. gigantea* Val.  
Retap (M).  
SB, SR, KC, KE  
Ambriansyah & Arifin Zainal AA 344, Ambriansyah & Arifin Zainal W 508,  
Boschproefstation bb 13969, Endert 2615, Hallier 1615, Kade Sidiyasa S  
448, Kostermans 6938, 21294, Laumonier 1295, Nooteboom 4511



## PORTERANDIA

*P. anisophyllea* (Jack ex Roxb.) Ridl.

SB, BR, SR, KC, KE, KS

Very common in primary as well as in secondary forest.

Alston 13366, Ambriansyah & Arifin Zainal W 36, W 128, W 167, W 258, W 282, van Balgooy 5929, Burley et al. 405, Endert 4823, Kade Sidiyasa S 592, Kartawinata 726, Kostermans 6486, 7415, Soetisna 98, van Valkenburg 1069, 1104, 1179, Wiriadinata 232, 303

## RUTACEAE

### MELICOPE

*M. accedens* (Blume) T. Hartley

SB, SR, KW, KE

Common in primary and secondary forest.

Endert 1612, 4492, Hallier 1448, 1976, 3031, Kostermans 8705, 9048, Nootboom 4845, Winkler 874

*M. bonwickii* (F. Muell.) T. Hartley

SB, KE, KS

Boschproefstation bb 2150, bb 10157, Kostermans 4936

*M. denhamii* (Seem.) T. Hartley

SB, KE

Endert 2350, Kostermans 4530, 10009, Sauveur 15a

*M. hookeri* T. Hartley

SB, BR, SR, KW, KC, KE

Boschproefstation bb 10605, bb 13929, bb 17218, bb 18642, bb 24765, Burley et al. 368, Endert 4301, Hallier 790a, Kostermans 7627, Winkler 386, Wiriadinata 648

*M. incana* T. Hartley

SB, SR, KW, KE

Boschproefstation bb 15588, Endert 2250, Kostermans 4104, Winkler 2203, 2259

*M. lunu-ankenda* (Gaertn.) T. Hartley

SB, BR, SR, KW, KC, KE, KS

Common species in primary and secondary forest, from sea-level to 2200 m altitude.

Amdjah 65, 79, Boschproefstation bb 2661, bb 13350, bb 25146, Buwalda 7716, Dachlan 21, Enoh 349, Hildebrand 1, Kostermans 4712, 7498, 7687,

12947, 13022, Nedi 748, Polak 415, 491, 699, Rameli 2370, Rasjid 2441, Sauveur 115

*M. triphylla* (Lam.) Merr.

SB, SR, KE

Endert 2624, 2668, 3324

## SABIACEAE

### MELIOSMA

*M. lanceolata* Blume

SB, KE

Kostermans 13124

*M. pinnata* (Roxb.) Maxim.

SB, KE

Boschproefstation bb 13859, bb 18952, bb 23647, bb 25134, Kostermans 6911, 6983, 10845

*M. sumatrana* (Jack) Walp.

SB, BR, SR, KW, KC, KE

Very common in primary and secondary forest.

Alston 13300, Ambriansyah & Arifin Zainal W 278, W 364, W 701, W 742, W 853, W 967, Amdjah 913, Boschproefstation bb 17752, Endert 2873, 2909, 2917, 3145, 3356, 4348, Hallier 1675, 1861, 3240, Kade Sidiyasa S 358, Kostermans 8651, 8888, 9844, 10163, 10459, 12704, 21752, Maskuri 858, Meijer 1952, 2095, 2132, 2216, Nooteboom 4741, 4813, Shea 26609, 27500, van Valkenburg 1143, Veldkamp 7979, 8575, Winkler 328, 1295

## SAPINDACEAE

### ALLOPHYLUS

*A. cobbe* (L.) Raeusch.

SB, BR, SR, KC, KE, KS

Very variable species. Various vegetation types including primary and secondary forests.

Alston 13269, 13417, Ambriansyah & Arifin Zainal AA 388, Amdjah 50, 195, 795, Endert 2427, 2669, 3819, Giesen 18, Hallier 379, Kade Sidiyasa S 669, Kato et al. 9132, 10111, Kostermans 5453, 5858, Leighton 169, 296, Murata et al. 921, 925, 4447, Veldkamp 8296, 8408, 8467, Winkler 2143, 2648, Wiriadinata 1112

## CUBILIA

*C. cubili* (Blanco) Adelberg

SB, SR, KE

Boschproefstation bb 18974, bb 19170, Kostermans 7011, 12670A, 13716, 13874

## DIMOCARPUS

*D. longan* Lour. ssp. *malesianus* Leenh.

Longan (M), inau (B).

SB, SR, KC, KE, KS

A fruit tree of which the aril is eaten.

Primary, more rarely in secondary forests.

Ambriansyah & Arifin Zainal W 660, Amdjah 95, Boschproefstation bb 13299, bb 13923, bb 18823, bb 18859, bb 19047, bb 20643, Delmaar 1157, Endert 4716, Jaheri 1278, 1280, Kade Sidiyasa S 487, S 542, S 629, S 656, S 681, Kostermans 5331, 6577, 6802, 7206, 9952, 12653, 13326, 21022, 21067, 21157, 21368, 21579, Mogeia 4279, Nooteboom 4188, 4212, 4250, 4537, Rahayu 165, Veldkamp 8501, 8505, Wiriadinata 1134, 3441

## GUIOA

*G. diplopetala* (Hassk.) Radlk.

SB, SR, KE

Ambriansyah & Arifin Zainal AA 566, Amdjah 1059, Hallier 2273, Kade Sidiyasa S 1053, Kartawinata 891, Kostermans 4116, 12603, Winkler 3068, Wiriadinata 861

*G. pleuropteris* (Blume) Radlk.

SB, BR, SR, KE, KS

Dachlan 2386, Endert 2268, 4062, Hallier 760, 785, 857, Kato et al. 10120, Kostermans 4221, 7463, 9860, Nedi 718, Rahayu 681, Winkler 2896

## LEPISANTHES

*L. amoena* (Hassk.) Leenh.

Selekop (B).

SB, SR, KW, KC, KE, KS

Very common especially in secondary forest.

Ambriansyah & Arifin Zainal AA 371, AA 394, AA 833, Amdjah 273, Buwalda 7936, Endert 1800, 2264, 3579, Hallier 1770, Jaheri 542, Kade Sidiyasa S1057, Kartawinata 1404, Kostermans 4715, 6652, 10597, 12632, 13562, 21076, 21754, Main 2096, Mogeia 3560, 3630, Nedi 716, Nooteboom 4156, Rutten 438, Shea 23903, Soegeng 704, Veldkamp 8107, 8286, 8456, Wiriadinata 854, 1116

*L. fruticosa* (Roxb.) Leenh.

SB, BR, SR, KC, KE

Ambriansyah & Arifin Zainal W 945, van Balgooy 6222, Elsener 96, Hallier 850, 911, Kostermans 7329, 7680, 21333, Leighton 945, Mogeia 4444

*L. tetraphylla* (Vahl) Radlk.

SB, SR, KC, KE, KS

Common in primary and secondary forest.

Ambriansyah & Arifin Zainal AA 221, AA 237, van Balgooy 5729, Dransfield 1594, Endert 2823, 3328, 3728, 4176, 5203, 5299, Jaheri 1671, Kartawinata 755, 887, Kostermans 5299, 6133, 21046, 21072, 21698, Maskuri 748, Murata et al. 2641, 2642, Sauveur 23, van Slooten 2250, Veldkamp 8202, 8564, de Vogel 789, Wiriadinata 243

## MISCHOCARPUS

*M. pentapetalus* Radlk.

SB, SR, KC, KE

Ambriansyah & Arifin Zainal AA 72, Amdjah 974, Endert 4495, Hallier 2524, Jaheri 1454, Kessler 627, Kostermans 4402, Nooteboom 4570

## PARANEPHELIUM

*P. xestophyllum* Miq.

SB, SR, KW, KE, KS

Mainly primary forest, partly secondary or disturbed forest.

Ambriansyah & Arifin Zainal AA 393, AA 414, Boschproefstation bb 28109, Endert 5289, Kostermans 21141, 21279, 21597, Leighton 59, van Slooten 2275, Verhoef 82

## POMETIA

*P. pinnata* Forst.

Kayu sapi.

SB, SR, KW, KC, KE, KS

Common and very variable species, ants use the basal stipule-like pair of leaflets as shelter for their nests.

Ambriansyah & Arifin Zainal AA 116, AA 508, Ambriansyah & Arifin Zainal W 247, W 272, W 563, Amdjah 930, 931, Boschproefstation bb 2089, bb 1226, bb 12991, bb 13294, bb 13309, bb 13329, bb 14174, bb 16258, bb 19183, bb 29027, bb 29241, bb 31616, bb 34659, bb 34730, bb 34734, bb 34763, Forman 454, 519, Kade Sidiyasa S 655, S 683, S 604, Kostermans 5337, 5896, 5925, 7158, 12661, 12709, 13258, 21235, 21620, Nooteboom 4190, 4277, 4553, 4765, 4888, Schut 7, Shea 27478, Veldkamp 8178, 8559, Wiriadinata 3626

## XEROSPERMUM

*X. noronhianum* (Blume) Blume

Semayap (B).

SB, BR, SR, KC, KE

Ambriansyah & Arifin Zainal W 601, Boschproefstation bb 17924, bb 19077,

Kostermans 10210, 12562, 12622, Mogeia 4176

## SIMAROUBACEAE

### AILANTHUS

*A. integrifolia* Lam.

SB, KE

Boschproefstation bb 13341, bb 18517, bb 19049, bb 25627, Kostermans

4097, 4916, 9646, 10462

### BRUCEA

*B. javanica* Merr.

SB, SR, KE

Endert 1971, 2351, Hallier 1666, Kostermans 21281, Winkler 2980

### IRVINGIA

*I. malayana* Oliver ex Benn.

Pauh kijang (M).

SB, SR, KW, KE

Usually frequent and left in forest clearings because of its hard wood and big buttresses.

Ambriansyah & Arifin Zainal W 711, W 730, Boschproefstation bb 14432,

bb 16910, bb 34446, bb 34767, Kostermans 5692, 6439, 6744, Sauveur 76

### QUASSIA

*Q. indica* (Gaertn.) Noot.

SB, SR, KE

Ambriansyah & Arifin Zainal AA 479, Amdjah 957, 1085, Kade Sidiyasa S

585, Kostermans 4253, 12625, 13303, Sauveur 4, 30

## SONNERATIACEAE

### DUABANGA

#### *D. moluccana* Blume

Binuang (M).

SB, BR, SR, KW, KC, KE, KS

Very common in primary as well as secondary forest.

Aet 695, Ambriansyah & Arifin Zainal W 756, Amdjah 794, Boschproefstation bb 13222, bb 13971, bb 14678, bb 14686, bb 15282, bb 18811, bb 18872, bb 18890, bb 19231, bb 24668, bb 16327, bb 34511, Endert 4064, 4678, Halle TFB 1232, Hallier 1595, 1848, 2514, 2928, Jaheri 1261, Kade Sidiyasa S 494, Kato & Wiradinata 6776, Kostermans 7002, 9930, 10509, 10515, Leeuwenberg & Rudjiman 13074, Leighton 440, Mogeia 4155, Murata et al. 624, 625, Sauveur 83

## STERCULIACEAE

### BYTTNERIA

#### *B. cuspidata* Hall.

KE

Amdjah 407, 743, 910

### COMMERSONIA

#### *C. bartramia* (L.) Merr.

SB, BR, SR, KW, KC, KE, KS

Very common shrub or small tree in secondary forest, sometimes also found in primary forest.

Afriastini 1208, Alston 13282, Endert 1934, Hallier 761, 1664, Jaheri 1700, Kostermans 7965, Main 1820, Posthumus 2132, Winkler 3251, Wiradinata 1345

### HERITIERA

#### *H. albiflora* (Ridl.) Kosterm.

BR, SR, KW, KE

There is no information whether this species is confined to primary forest.

Boschproefstation bb 15339, bb 26444, bb 29210

#### *H. aurea* Kosterm.

SR, BR, KE

Boschproefstation bb 21221

- H. borneensis* Kosterm.  
SB, KW, KE  
Boschproefstation bb 7147, bb 8175, bb 15656, bb 15680, bb 16831, bb 18290, bb 18439
- H. catappa* Kosterm.  
KE  
Rare species from the mouth of Mahakam river.  
Kostermans 7187
- H. elata* Ridl.  
Dungun (M).  
SB, SR, KE  
Ambriansyah & Arifin Zainal W 262, W 318, W 729, Boschproefstation bb 11028, Kostermans 12612
- H. globosa* Kosterm.  
SB, BR, KW, KE  
Common along tidal rivers.  
Boschproefstation bb 2086, bb 2117, bb 6340, bb 7847, bb 8033, bb 17857, Endert 1419, 1467, Kostermans 21056
- H. javanica* (Blume) Kosterm.  
SB, BR, SR, KW, KE, KS  
In primary and secondary forest up to 700 m altitude.  
Boschproefstation bb 9507, bb 10402, bb 13381, bb 26352, Endert 2656, Kostermans 5531, 5668, 6575, 6590, 7395, 7571, bb 34757, bb 35037
- H. littoralis* Dryand.  
SB, BR, SR, KW, KE  
Common along tidal rivers.  
Abandi 125, Becking 31, Kostermans 6179, 9549
- H. macroptera* Kosterm.  
KE  
Kostermans 13820, 13820A
- H. perakensis* Kosterm.  
KE  
Kostermans 21161
- H. simplicifolia* (Mast.) Kosterm.  
Mengkulang (M).  
SB, BR, SR, KW, KE  
Very common in primary and secondary forest. Attractive veneer and plywood.  
Ambriansyah & Arifin Zainal AA 10, Ambriansyah & Arifin Zainal W 460,

Boschproefstation bb 7071, bb 15652, bb 15804, bb 17818, bb 19025, bb 34332, Endert 4845, Kostermans 9879, 10163, 13700, bb 34718, bb 34741

## KLEINHOVIA

*K. hospita* L.

SB, BR, SR, KE, KS

Widespread species often in very young secondary forest.

Abondi 147, Amdjah 425, 666, Boschproefstation bb 2450, bb 2660, Delmar 1903, Endert 1983, Ramli 1932, Winkler 2122, Wiriadinata 1162, 1344

## LEPTONYCHIA

*L. caudata* (G. Don) Burret

SR, BR, SB, KW, KC, KE, KS

Very common treelet, usually in secondary forest.

Alston 13235, 13237, Ambriansyah & Arifin Zainal AA 355, Amdjah 39, 393, 618, Endert 2989, 3050, 3458, 5102, 5405, Forman 453, 457, 461, Jaheri 497, 498, Kade Sidiyasa S 529, Kato et al. B-11793, B-11898, Kostermans 4883, 5742, 6828, 7956, 13432, 13436, 13789, 14014, 21126, 21298, Maskuri 793, Mogeia 3472, 3523, 4135, 4387, Nedi 736, Nooteboom 4185, 4718, 4858, Shea 27747, Veldkamp 8279, 8300B, Winkler 1196, 3338, Wiriadinata 199, 591

## MELOCHIA

*M. umbellata* (Houtt.) Stapf

SB, KE

Winkler 2197

## PTEROCYMBIUM

*P. splendens* Kosterm.

KE

Kostermans 6003

*P. tinctorium* (Blanco) Merr.

SB, KE

Kostermans 5972

*P. tubulatum* (Mast.) Kosterm.

SB, SR, KE

Boschproefstation bb 13391, bb 20676, bb 26868, bb 29621, bb 31636, Kostermans 7261, 10564, 14065, bb 34715



*P. velutinum* Kosterm.  
KE  
Kostermans 21533

## PTEROSPERMUM

*P. diversifolium* Blume  
SB, KE  
Boschproefstation bb 19277, bb 24768, bb 32471, Endert 1784, 2085

*P. elongatum* Korth.  
SB, KE  
Kostermans 21057

*P. javanicum* Jungh.  
KE  
Ambriansyah & Arifin Zainal AA 188A

## PTERYGOTA

*P. horsfieldii* (R. Br.) Kosterm.  
SB, SR, KE  
Boschproefstation bb 19212, bb 19228, Kostermans 4091, 5365, 9521

## SCAPHIUM

*S. affine* Pierre  
SB, KE  
Boschproefstation bb 27763

*S. borneensis* Merr.  
SB, BR, SR, KE  
Boschproefstation bb 10980, bb 11761, bb 14201, bb 14669, bb 15218, bb 16859, bb 17757, bb 18934, bb 26247, Kostermans 21618, bb 35029

*S. macropodium* (Miq.) Beumee ex Heyne  
Berempayang (B).  
SB, SR, KW, KC, KE, KS  
Ambriansyah & Arifin Zainal W 611, W 672, W 999, Boschproefstation bb 6273, bb 7328, bb 7471, bb 10020, bb 10703, bb 12035, bb 13716, bb 14398, bb 14577, bb 14676, 14970, bb 15260, bb 15262, bb 15635, bb 15642, bb 15678, bb 16264, bb 16870, bb 17913, bb 18249, bb 18447, bb 18856, bb 20723, bb 20738, bb 28139, Kade Sidiyasa S 187, Kostermans 8076, 9327, 10781, 13244, Sauveur 52

## STERCULIA

- S. cordata* Blume var. *montana* (Merr.) Tantra  
SB, KE  
Often along rivers in primary and secondary vegetation.  
Endert 5124, Kostermans 4295, 9862, 9894, 13343, 21120, Sauveur 13,  
Winkler 2436
- S. elmeri* Merr.  
SB, KE  
Small treelet, rare.  
Kostermans 21607
- S. foetida* L.  
SB, KE  
Boschproefstation bb 10366
- S. gilva* Miq.  
SB, BR, KE  
Kostermans 21672, 10314
- S. lancaviensis* Ridl.  
SB, SR, KE  
Endert 3129, Kostermans 12550 A, 12563
- S. lanceolata* Jack var. *coccinea* Jack  
SR, KC, KE  
Maskuri 140, Mogeia 3880, Soetisna 34
- S. macrophylla* Vent.  
SB, SR, KW, KE, KS  
From primary and secondary forest up to 600 m altitude, sometimes recorded  
from limestone.  
Boschproefstation bb 13250, bb 24747, 25507, 32495, Kostermans 5583,  
6800, 7326, 9923, 13860, Leighton 588
- S. membranacea* Merr.  
SB, KE  
Treelet from primary or seldom from secondary forest.  
Kostermans 10475, 10508, 12604, 12659, Meijer 2082
- S. oblongata* R. Br.  
SB, SR, KE  
Kade Sidiyasa S 427, Kostermans 6997, 21642

*S. parviflora* Roxb. ex G. Don

SB, SR, KE

Kessler 588, Kostermans 13810

*S. rubiginosa* Vent.

SB, BR, SR, KE, KS

Very common small treelet also in secondary forest.

Ambriansyah & Arifin Zainal W 75, W 291, W 347, van Balgooy 5796, Endert 1831, Kessler 531, Kostermans 5533, 7413, 9906, 13457, 13693, Leighton 576, 637, 8091, Ramli 1982, Wiriadinata 355, 1092

*S. rubiginosa* Vent. var. *divaricata* (Merr.) Tantra

SB, SR, KE

Endert 3123, Winkler 3195

*S. rubiginosa* Vent. var. *setistipulata* (Merr.) Tantra

SB, SR, KE

Endert 4181, Kostermans 13148

*S. stipulata* Korth.

SB, BR, SR, KW, KE, KS

Ambriansyah & Arifin Zainal W 634, W 851, Amdjah 280, 903, Amiril Saridan AS 19, Boschproefstation bb 16315, Endert 4024, Kostermans 5211, 9588, 9933, 9972, 10291, 10572 A, 10599 A, 12655, 13313, 13551, 13917, 21016, Leighton 110, 295, Maskuri 872, Mogeia 4308, Ramlanto 31, van Slooten 1930, 2253, 2281, de Vogel 858, Winkler 1128, 3178, Wiriadinata 315, 705

## STYRACACEAE

### BRUINSMIA

*B. styracoides* Boerl. & Koorders

SB, SR, KE

In primary and secondary forests.

Burley et al. 641, Endert 3293, 4318, Kostermans 7328, 7364, Leeuwenberg & Rudjiman 13092, Kade Sidiyasa S 618

## SYMPLOCACEAE

### SYMPLOCOS

*S. celastrifolia* Clarke

SB, BR, SR, KW, KE

In primary and especially secondary forest near sea-shore.

Amdjah 1029, Boschproefstation bb 2117, bb 9331, bb 34522, bb 14573, Hallier 579, 1121, 1407, Kostermans 5109, 6108, 9135, 9292

*S. cochinchinensis* (Lour.) S. Moore

SB, SR, KW, KE

Usually in secondary forest.

Afriastini 1114, Dachlan 1886, Hallier 1379, 1409, 2272, Ramli 1984, Sauveur 1166, Shea 23412, Winkler 2254, 2970

*S. fasciculata* Zoll.

Gumiting (Kutei).

SB, BR, SR, KE, KS

In primary and secondary forest.

Ambriansyah & Arifin Zainal AA 147, AA 503, Amdjah 62, Boschproefstation bb 10758, bb 16216, Endert 2104, 3119, 3311, 4050, Forman 422, Hallier 763, 892, 1229, 1599, 1973, Jaheri 1137, 1248, Kade Sidiyasa S 751, Murata et al. 4273, Nedi 756, Sauveur 28, 29, 127, 136, Winkler 3001, 3222

*S. odoratissima* (Blume) Zoll.

Margaram (Kutei).

SB, SR, KE

In primary and secondary forest.

Boschproefstation bb 12374, Endert 2266, 4951, Jaheri 1464, 1540, Kostermans 4848, 4935, 13655, 13709, 21319, Leighton 364, 744

## THEACEAE

### ADINANDRA

*A. borneensis* Kobuski

SR, KE

Usually in primary, rarely also in secondary vegetation.

Boschproefstation bb 20601, bb 20641, bb 32502, Endert 2869, Kostermans 13, bb 34748, Leighton 409, Paymans bb 34509, bb 34521, Sauveur 30

A. *dumosa* Jack

Medang penagil (M).

SB, BR, SR, KW, KE

Very common in belukar, can withstand alang-alang fires, but also found in primary forest.

Ambriansyah & Arifin Zainal W 115, W 615, W 758, van Balgooy 5885, Boschproefstation bb 2425, bb 2445, bb 34334, bb 34336, bb 34520, Dunselman 106, Kade Sidiyasa S 617, Kostermans 4126, 7102, Meijer 2280, 2486, Nedi 770, Ramli 1986, Ridsdale & Sidiyasa PBU 82, PBU 109, Winkler 2305

## SCHIMA

*S. wallichii* (DC.) Korth.

Medang batu (M), puspa (M), penaga (M), nagag (B).

SB, SR, KW, KC, KE, KS

Very variable species, rather common, also along forest edges.

Afriastini 1122, Ambriansyah & Arifin Zainal AA 769, Ambriansyah & Arifin Zainal W 140, W 812, Boschproefstation bb 7911, bb 9544, bb 12457, bb 15744, bb 15812, bb 15818, bb 16679, bb 19978, bb 24645, bb 29422, Dachlan 2478, Endert 2346, 2711, 3635, Hallier 2479, Kade Sidiyasa S 265, Kessler 629, Kostermans 6400, 7419, 13566, Labohm 31b, 1153, Ramli 2006, Ridsdale & Sidiyasa PBU 136, Sauveur 961, Shea 26877, 28145, Soengeng 82, van Valkenburg 1170

## TILIACEAE

### BROWNLOWIA

*B. arachnoidea* Kosterm.

SB, KW, KE?

Boschproefstation bb 18822, bb 18868, Kostermans 13239, 13255

*B. argentea* Kurz

SB, SR, KC, KE, KS

Boschproefstation bb 2160, bb 14981, Teijsmann 8128, Winkler 3432

*B. ferruginea* Kosterm.

KE, KS

Boschproefstation bb 10761, bb 11294, bb 18546, bb 19112, bb 19127, Buwalda 7974, Kostermans 21224

*B. peltata* Benth.

SB, SR, KE, KS

Boschproefstation bb 9500, Endert 3388, 4875, Kostermans 6776, 12651, 13792, 21334, 21609

## GREWIA

*G. acuminata* Juss.

SB, SR, KC, KE

Climbers or trees, in primary and secondary forest.

Afriastini 359, Endert 2345, 2349, 2446, Kostermans 5234, 21656, Winkler 2650

*G. glabra* Blume

KS

In primary and secondary forest, apparently rare.

Sauveur 967

## MICROCOS

*M. hirsuta* (Korth.) Burret

Kutapi burung (M).

SB, KW, KE

In primary and secondary forest.

Forman 478, Hallier 2575, Leighton 87, 635, Sauveur 10, Wiriadinata 619, 1204

*M. laurifolia* (Hook. ex Mast.) Burret

KE

Ambriansyah & Arifin Zainal W 382, W 524, Kade Sidiyasa S 292

*M. opaca* (Korth.) Burret

SB, KE, KS

In primary and secondary forest up to 650 m altitude.

Hallier 3020, Kostermans 7574, 8715, 10424, 12681, 13466, Meijer 2116, 2525, de Vogel 856, 885

*M. ovatolanceolata* Burr.

KC, KS

Kostermans 8068, Tukirin 650

*M. stylocarpa* Warb.

SR, KW, KE?

Hallier 1965, 2208

*M. stylocarpoides* Burr.

KS

Kartawinata 696, 815, 1035

*M. sumatrana* (Bak. f.) Burr.

SB, KE

Endert 1844, Kostermans 10184

*M. tomentosa* Sm.

KE

Ambriansyah & Arifin Zainal W 716, Kade Sidiyasa S 264

## PENTACE

*P. adenophora* Kosterm.

SR, KE

Boschproefstation bb 12960, bb 16736, Kostermans 13598, 13614

*P. borneensis* Pierre

KW, KE

Boschproefstation bb 35303, Kostermans 13120

*P. chartacea* Kosterm.

KE

Boschproefstation bb 10713, Kostermans 21206, 21446

*P. corneri* Kosterm.

KE

Boschproefstation bb 21229

*P. discolor* Merr.

KE

Kostermans 13942

*P. erectinervia* Kosterm.

SR, KE

Boschproefstation bb 10836, bb 32745

*P. laxiflora* Merr.

Pose (Kutei)

SB, KE

Common in primary and secondary forest.

Boschproefstation bb 11534, bb 16206, bb 16528, bb 17821, bb 17878, bb 18460, bb 18838, bb 18863, bb 24681, bb 26053, bb 26066, bb 29409, bb 34265, bb 34776, bb 35034, Endert 1964, Kostermans 6516, 6756, 7722, 10115

*P. polyantha* Hassk.

SB, KE

Boschproefstation bb 10049, bb 12046, bb 29265,

*P. rigida* Kosterm.

SR, KW, KE?

Kostermans bb 14245

*P. triptera* Mast.

SB, KW, KE?

Boschproefstation bb 11527, bb 14102, bb 16535, bb 18824, bb 25573, bb 260234, bb 28373, Endert 2340, 5080, Kostermans 5425, 7124, 8611, 9558

## SCHOUTENIA

*S. borneensis* (Roekm.) Kosterm.

SB, KW, KE?

Apparently rare.

Elsener 218

*S. glomerata* King

KE

Jaheri 34

## TRIUMFETTA

*T. rhomboidea* Jacq.

SB, SR, KW, KE?

Winkler 21

## ULMACEAE

### GIRONNIERA

*G. hirta* Ridl.

Lempong bulu (M).

SB, BR, SR, KE

Boschproefstation bb 16278, bb 16963, bb 18839, bb 25593, bb 25632, bb 34269, bb 34898 Forman 437, Kostermans 4167, 4256, 4430, 35362, 6351, 10183, 10333, Sauveur 31, Winkler 2527

*G. nervosa* Planch.

Kayu ruas (M).

SB, SR, KW, KC, KE, KS

Whether all our material belongs to *G. nervosa* or partly to *G. hirta* Ridl., J. Roy. As. Soc. Str. Br. 82 (1920) 194 is difficult to decide. Both species are very similar to each other and the differences reported in literature are only minor. Therefore we treat all under *G. nervosa*.

Ambriansyah & Arifin Zainal W 188, W 392, van Balgooy 5339, 5966, Boschproefstation bb 13230, bb 13378, bb 14101, bb 14576, bb 14889, bb 15163, bb 17844, bb 18833, bb 20735, bb 24647, bb 24745, bb 25123 bb 26187, bb 34644, bb 34710, Burley et al. 729, Forman 429, 438, Hallier 1408, Kade Sidiyasa S 267, S 412, Kostermans 4021, 5511, 5848, 6387, 6880, 7078, 7937, 8620, 8894, 21100, Leighton 183, Meijer 2088, Moge



3611, Mori & Mitchell 17843, Nootboom 5004, Sauveur 44, Veldkamp 8551, Winkler 2375, Wiriadinata 3270

*G. parvifolia* Planch.

SB, BR, SR, KE  
Endert 3537, 3546, Geesink 9169

*G. subaequalis* Planch.

Emparai (Kutei)  
SB, BR, SR, KE  
Boschproefstation bb 10792, bb 12034, bb 18820, bb 29059, bb 34500 Endert 3076, 4830, Kostermans 12541, Paymans 4

## TREMA

*T. angustifolia* (Planch.) Blume

KE  
Kade Sidiyasa S 732, Wiriadinata 275

*T. cannabina* Lour.

Bintanong (M).  
SB, BR, SR, KW, KC, KE, KS  
Common as pioneer in newly opened up habitats.  
Amdjah 1005, Buwalda 7896, Hallier 1606, Kostermans 5118, Leeuwenberg 13440, Leeuwenberg & Rudjiman 13031, Meijer 2359, Mondri 22, Murata et al. B 594, van Slooten 2188, Tukirin 371, van Wijk 42, Wiriadinata 299

*T. orientalis* (L.) Blume

Lenduhung (M).  
SB, BR, SR, KC, KW, KE, KS  
Boschproefstation bb 12560, Kartawinata 947, Leeuwenberg & Rudjiman 13023, Ramlanto 13, Ramli 1929, Shea 26230, Tukirin 374, Wiriadinata 1071, 11188

*T. tomentosa* (Roxb.) Hara

SB, BR, SR, KW, KC, KE, KS  
Ambriansyah & Arifin Zainal W 74, Amdjah 400, 556, Boschproefstation bb 14950, bb 15590, Endert 1605, 1943, Giesen 69, Leighton 883, Kade Sidiyasa S 200, S 731, Murata et al. B 98, B 569, B 615, B 616, B 908, B 3022, Nootboom 4240, Posthumus 2131, van Slooten 2193, Winkler 2191, Wiriadinata 559

## URTICACEAE

### LEUCOSYKE

*L. capitellata* Wedd.

SB, SR, KW, KE

Burley et al. 628, Kostermans 21709, Leighton 267, Nedi 734 Prawiroatmodjo  
424, Wiriadinata 1145, 1331

### MAOUTIA

*M. reticulata* Wedd.

SB, SR, KE, KS

Kostermans 13291, 13708, Winkler 2829

### PIPTURUS

*P. argenteus* (Forst.) Wedd.

SB, SR, KE, KS

Sauveur 950, Wiriadinata 236

## VERBENACEAE

### CALLICARPA

*C. havilandii* (King & Gamble) H.J. Lam

Krikau (Dajak).

SR, BR, SB, KE

Endert 2543, 2666, 2913, 3737, 4489, Kostermans 6501, Meijer 2530

*C. inaequalis* Teijsm. & Binn. ex Bakh.

KE

Wiriadinata 1196

*C. involucrata* Merr.

KE

Endert 3651, 3742, 3836

*C. longifolia* Lam.

KW, KE, KS

Dunselman 161, Kartawinata 920, Leighton 174, Meijer 2362, Mondy 23, de  
Vogel 970, Wiriadinata 192, 1115

## CLERODENDRUM

*C. buchanani* (Roxb.) Walp.

KW, KE?

Hallier 114, Prawiroatmodjo 318, Winkler 1235

*C. disparifolium* Blume

SB, SR, KW, KE

Ambriansyah & Arifin Zainal AA 292, Ambriansyah & Arifin Zainal W 710,  
van Balgooy 5900, Burley et al. 3170, Dachlan 2372, Leighton 1038, Kade  
Sidiyasa S 400, S 620, van Slooten 2191

## GEUNZIA

*G. furfuracea* (Bakh.) Moldenke

SB, BR, SR, KC, KE, KS

Amdjah 973, Boschproefstation bb 2121, bb 13957, bb 18871, Jaheri 1232,  
Labohm 1152, Rahayu 677, Rasjid 2452, van Slooten 2279, Tukirin 431,  
Verhoef 103, Winkler 2141

*G. pentandra* (Roxb.) Merr.

KW, KE, KS

Boschproefstation bb 23451, bb 25144, Burley et al. 2820, Kartawinata 948,  
Winkler 377, Wiriadinata 704

*G. quaternifolia* Hallier

KE

Amdjah 665

*G. serrulata* Hallier

KW, KE?

Hallier 749, 801, 1509, 2741

## GMELINA

*G. arborea* L.

SB, BR, SR, KE

Often planted as a fast growing timber tree, origin India.  
Ambriansyah & Arifin Zainal W 98

*G. elliptica* J. E. Smith

KE, KS

Small tree near the coast.

Ambriansyah & Arifin Zainal AA 137, Rahayu 93, Sauveur 946

## LANTANA

*L. camara* L.

SB, BR, SR, KW, KC, KE, KS

Very common thorny shrub, introduced from South America and becoming a weed.

Ambriansyah & Arifin Zainal AA 375, Endert 2371, Enoh 343, Murata et al. B 114, B-4571, Prawiroatmodjo 244, Ramlanto 19, Wiriadinata 145, 1140

## PERONEMA

*P. canescens* Jack

Sungkai (M).

KE, KS

A fast growing species, common on open land and in secondary forest, often planted.

Boschproefstation bb 14980, Kartawinata 1039, Labohm 190, Posthumus 2248, Soeriadikarto 2426

## PREMNA

*P. corymbosa* Rottl. & Willd.

Singkil (M).

KW, KC, KE, KS

Giesen 81, 151, Hallier 197, 1132, Ramlanto 25, Wiriadinata 1350

## TECTONA

*T. grandis* L.

Jati (M).

KE

Often cultivated for its beautiful veneer.

Ambriansyah & Arifin Zainal AA 900, Marsemi 1

## TEIJSMANNIODENDRON

*T. bogoriense* Koorders

KE

Boschproefstation bb 2105, bb 18518, bb 19044, bb 25135, Hallier 3032, Jaheri 1539, Kade Sidiyasa S 685, S 725, Kostermans 10001, 13726

*T. coriaceum* (Clarke) Kosterm.

KE

Ambriansyah & Arifin Zainal AA 247

## VITEX

### *V. pinnata* L.

Laban (M), Belaban (M).

SB, SR, KW, KC, KE, KS

Very common in secondary vegetation.

Alston 13211, Ambriansyah & Arifin Zainal AA 61, Ambriansyah & Arifin Zainal W 617, W 1039, Becking 38, Boschproefstation bb 15201, bb 15234, Burley et al. 494, Buwalda 7965, Endert 1459, 1490, 3274, Forman 450, Hallier 903, Jaheri 1893, Kahor 2008, Kessler 557, Kostermans 13543, 21243, Labohm 1156, 1210, Leighton 768, Main 1985, Mondi 112, Polak 714, Shea 28153, van Wijk 12, Winkler 2156, 2179, 2579, Wiriadinata 642, 872, 1229, 1337

### *V. quinata* (Lour.) F.N. Will.

SB, SR, KC, KE

In primary and secondary forest.

Afriastini 1216A, Boschproefstation bb 10912, Kostermans 5567, 6895, 10566

### *V. vestita* Wall. ex Schau.

SB, BR, SR, KC, KE

Afriastini 397, Ambriansyah & Arifin Zainal AA 61, AA 515, Argent & Sidiyasa GA 9354, Kade Sidiyasa S 491, S 747, Kostermans 7567, 13680, Maskuri 138

Actinidiaceae	3	Mimosaceae	52
Alangiaceae	3	Moraceae	53
Annonaceae	4	Myrtaceae	56
Apocynaceae	5	Ochnaceae	57
Aquifoliaceae	5	Oleaceae	57
Araliaceae	6	Oxalidaceae	57
Boraginaceae	6	Papilionaceae	58
Casuarinaceae	6	Piperaceae	59
Chrysobalanaceae	7	Pittosporaceae	59
Compositae	7	Polygalaceae	59
Crypteroniaceae	8	Proteaceae	60
Datisceae	8	Rhamnaceae	60
Dilleniaceae	8	Rhizophoraceae	61
Elaeocarpaceae	10	Rosaceae	61
Euphorbiaceae	11	Rubiaceae	62
Fagaceae	25	Rutaceae	63
Flacourtiaceae	27	Sabiaceae	64
Guttiferae	27	Sapindaceae	64
Hypericaceae	29	Simaroubaceae	67
Icacinaceae	30	Sonneratiaceae	68
Juglandaceae	31	Sterculiaceae	68
Lauraceae	31	Styracaceae	73
Lecythidaceae	41	Symplocaceae	74
Loganiaceae	42	Theaceae	74
Lythraceae	43	Tiliaceae	75
Magnoliaceae	44	Ulmaceae	78
Malvaceae	45	Urticaceae	80
Melastomataceae	45	Verbenaceae	80
Meliaceae	47		