

# COMMERCIAL WOODS OF INDONESIA, THEIR PROPERTIES AND USES

by

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## 1. INTRODUCTION

Approximately 4,000 wood species are found in Indonesia's forests of which only a few species have been known with regard to their properties and uses, while 120 species are now commonly known as commercial woods. The name of the 120 commercial species are presented in table form which is supplemented with some data regarding their specific gravity, durability, strength, distribution and uses (Table 1). Trade names introduced in this report, frequently represents names for botanical species groups possessing similar characteristics and properties in each group, so the names of the 120 commercial wood species presented in this report actually cover a total of 267 botanical species (Table 2).

## 2. WOOD PROPERTIES

The specific gravity presented here is the weight-volume ratio of the wood in air-dry condition at approximately 15% moisture content. The durability is grouped into five classes based on the estimated service life of the wood under different conditions and its resistance to insect attack as follows:

<b>Durability Class</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>
In continuous contact with moist ground	8 years	5 years	3 years	Very short	Very short
Exposed only to weather but kept from getting soaked in water and properly ventilated	20 years	15 years	10 years	Several years	Very short
Under the roof, not in contact with moist ground and properly ventilated	Indefinitely long	Indefinitely long	Very long	Several years	Short
As above but properly maintained and regularly painted	Indefinitely long	Indefinitely long	Indefinitely long	20 years	20 years
Attack of subterranean termites	none	rare	rapid	Very rapid	Very rapid
Attack of powder post beetles	none	none	Almost none	Not serious	Very rapid

Source: Oey (1951)

The strength is grouped into five classes based on the specific gravity, absolute bending and compression strength as follows:

Strength class	Specific gravity	Absolute bending strength, kg/cm <sup>2</sup>	Absolute compression strength, kg/cm <sup>2</sup>
I	> 0.90	> 1,100	> 650
II	0.60 – 0.90	725 – 1,100	425 – 650
III	0.40 – 0.60	500 – 725	300 – 425
IV	0.30 – 0.40	300 – 500	215 – 300
V	>0.30	< 300	< 215

Source: Den Berger (1932)

Distribution key:

The geographical distribution of the species is indicated by the following key:

1. Sumatera
2. Java
3. Borneo
4. Sulawesi
5. Moluccas
6. Lesser Sunda Islands
7. West Irian/Papua

Uses key:

The key to indicate the possible uses of the wood is as follows:

1. Construction
2. Plywood
3. Furniture
4. Flooring
5. Panelling
6. Sleepers
7. Door and window frames
8. Packing material
9. Sporting goods and musical instruments
10. Power and telephone poles
11. Shipbuilding
12. Carvings and handicrafts
13. Fancy veneer
14. Matches
15. Pulp
16. Drafting instruments
17. Pencils
18. Charcoal
19. Medicine
20. Moulding

**Table 1. Properties and Uses of Indonesian Wood Species**

No.	Wood Species	Specific Gravity			Class		Distribution	Uses
		Min	Max	Mean	Durability	Strength		
1.	Agathis	0.36	0.64	0.49	IV	III	1,2,3,4,5,7	1,2,3,7,8,9,14,15,17
2.	Bayur	0.30	0.78	0.52	IV	II – III	1,2,3,4,5,6	1,2,3,7,11,12
3.	Bakau	0.82	1.03	0.94	III	I – II	1,2,3,4,5,6,7	1,15
4.	Balau	0.65	1.22	0.98	I	I – II	1,3,4	1,4,6,10,11
5.	Bangkirai	0.60	1.16	0.91	I-(I-III)	I – II	3	1,2,3,4,6,11
6.	Bedaru	0.84	1.36	1.04	I	I	1,3	1,3,6,9,11,12
7.	Belangeran	0.73	0.98	0.86	II-(I-III)	(I)-II	1,3	1,3,4,6,7,11
8.	Benuang	0.16	0.48	0.33	V	IV – V	1,3,4,5	2,8,14,15
9.	Bintangur	0.37	1.07	0.78	III	II – III	1,2,3,4,5,6	1,2,3,4,5,6,11
10.	Bongin	0.93	1.20	1.02	III	I	1,3	1,3,4,13
11.	Bungur	0.62	1.01	0.80	II – III	I – II	1,2,3,4,5,6	1,3,4,5,6,7,11
12.	Cendana	0.77	0.94	0.84	II	II – I	2,6	12,19
13.	Cengal	0.51	0.89	0.70	II – III	II – III	1,2	1,2,3,4,5,6,7,11
14.	Dahu	0.37	0.75	0.58	IV	III – IV	1,2,3,4,5,7	3,4,5,13
15.	Durian	0.42	0.91	0.64	IV – V	II – III	1,2,3,4,5	1,2,8
16.	Ebony	0.90	1.14	1.05	I	I	4,5	3,12,13
17.	Giam	0.83	1.15	0.99	I	I	1,3	1,4,6,10,11
18.	Gerunggang	0.36	0.71	0.47	IV	III – IV	1,3,4,5	1,2,8
19.	Gisok	0.73	0.97	0.83	II – III	II – I	1,3	1,2,3,4,5,7,11
20.	Jabon	0.29	0.56	0.42	V	III – IV	1,2,3,4,5,6	2,8,14,15
21.	Jati	0.59	0.82	0.70	I – (III)	II	2,4,6	1,3,4,5,6,10,11,12,13
22.	Jelutung	0.22	0.56	0.40	V	III – V	1,3	2,8,12,16,17,20
23.	Jeungjing	0.24	0.49	0.33	IV/V	IV – V	1,5	1,2,8,14,15
24.	Kapur	0.63	0.94	0.81	II – III	II – I	1,3	1,2,3,4,5,6,7,11
25.	Kemiri	0.23	0.44	0.31	V	IV – (V)	1,2,4,5	2,8,14,15
26.	Kempas	0.68	1.29	0.95	III – IV	I – II	1,3	1,2,4,6
27.	Kenari	0.48	0.68	0.55	IV	III	1,2,3,4,5,6	1,2,4,5,7
28.	Keruing	0.51	1.01	0.79	III	(I)-II	1,2,3	1,2,4,5,6,11
29.	Kuku	-	-	0.87	II	I	1,3,4,5,7	3,4,5,11,13
30.	Kulim	0.73	1.08	0.94	I – (III)	I	1,3	1,2,4,6,10,11
31.	Lara	0.98	1.23	1.15	I	I	4,5	1,4,6,10,11
32.	Lasi	0.77	0.88	0.81	II	II	4,5	1,3,4,5,12,13
33.	Mahoni	0.56	0.76	0.64	III	II – III	2	1,2,3,4,5,7,11,12
34.	Matoa	0.50	0.99	0.77	III – IV	II(I – III)	1,2,4,5,6,7	1,3,4,7,11
35.	Melur	0.38	0.77	0.52	IV	II – IV	1,2,3,4,5,6,7	1,2,3,4,5,7,9,16,17
36.	Mentibu	0.41	0.57	0.53	IV/V	III	1,3	1,2,7,8
37.	Meranti merah	0.29	1.01	0.55	III – IV	II – IV	1,3,4,5	1,2,3,4,5,8,15
38.	Meranti putih	0.29	0.96	0.54	III – IV	II – IV	1,3,4,5	1,2,3,4,5,8,15
39.	Merawan	0.42	1.03	0.70	II – III	II – III	1,3	1,2,3,4,5,7,9,11
40.	Merbau	0.52	1.04	0.80	I – II	I – (II)	1,2,3,4,5,6,7	1,4,5,6,10,11
41.	Mersawa	0.49	0.85	0.46	IV	II – III	1,3	1,2,4,5,11
42.	Nyatoh	0.39	1.07	0.67	II – III	II – (I – II)	1,2,3,4,5,7	1,2,4,5,7,9,11
43.	Perupuk	0.40	0.69	0.56	IV/V	II – III	1,3,4	1,2,3,8,12,14,15
44.	Petanang	0.62	0.91	0.75	III	II	1	1,4,5,6,11
45.	Pilang	0.71	0.89	0.79	III	II	2,6	1,2,3,4,5
46.	Pulai	0.19	0.90	0.46	III – V	IV – V	1,2,3,4,5,6,7	2,8,12,14,15,16,20
47.	Ramin	0.46	0.84	0.63	IV	II – III	1,3	1,2,3,4,5,7,20
48.	Rengas	0.59	0.84	0.69	II	II	1,2,3	3,4,5,6,12,13

No.	Wood Species	Specific Gravity			Class		Distribution	Uses
		Min	Max	Mean	Durability	Strength		
49.	Resak	0.49	0.99	0.70	III	II	1,3,5,7	1,2,4,6,7,11
50.	Salimuli	0.44	0.75	0.64	I/II	II – III	2,5,6	3,4,9,12
51.	Saninten	0.63	0.82	0.76	III	II	1,2	1,4,5,7
52.	Sonokeling	0.73	1.08	0.90	I	II	2	3,4,5,9,12,13
53.	Sonkembang	0.39	0.94	0.65	II(I – II)	II (I – II)	1,2,4,5,6	1,3,4,5,12,13
54.	Sungkai	0.52	0.73	0.63	III	II – III	1,2,3	1,3,4,5,12,13
55.	Tembesu	0.72	0.93	0.81	I	II	1,2,3	1,4,5,6,10,11
56.	Teraling	0.52	0.99	0.75	II – IV	II	1,2,4	1,2,3,4,5,7,9
57.	Terentang	0.32	0.52	0.40	IV	III – IV	1,3	2,8,14,15
58.	Tusam	0.40	0.75	0.55	IV	III	1,2,4,6	1,2,8,14,15,16,17
59.	Ulin	0.88	1.19	1.04	I	I	1,3	1,4,6,10,11
60.	Weru	0.60	0.95	0.77	II	II – I	1,2,6	1,3,4,5,13
61.	Ampupu	0.68	1.02	0.89	III – II	II – I	5,6	1,4,5,6,10,11
62.	Balsa	0.15	0.28	-	V	V	2	9,12
63.	Benuang laki	0.27	0.51	0.39	IV – V	IV – V	2,3,4,5,6,7	1,2,5,8,11
64.	Berumbung	0.74	0.94	0.85	II	II – I	1,3	1,3,4,5,7,9,11,12,20
65.	Bugis, k.	0.41	1.02	0.80	III – IV	II – III	3,4,5,7	1,3,4,5,6,7,11,20
66.	Cemara	1.04	1.18	-	II – III	I – II	1,2,4,5,6,7	1,4,5,6,10,11,18
67.	Cempaga	0.57	0.90	0.71	II – III	II	1,2,3,4,5,6	1,2,3,4,5,7,9,10,11
68.	Cempaka	0.41	0.61	-	II	III – IV	1,2,3,4,5,7	1,2,3,4,5,7,9,12,13,16,17,20
69.	Gadog	0.55	1.00	0.75	III – II	II – (III-I)	1,2,4,5,6,7	1,4,5,11
70.	Gelam	0.73	0.85	-	III	II	1,2,3,4,5,6,7	1,4,5,6,10,11,18
71.	Gia	0.77	1.06	0.91	I – II	I – II	3,4,5,7	1,4,5,6,10,11
72.	Gifasa	0.57	0.93	0.74	II – III	II – III	4,5,7	1,3,4,5,6,7,9,11,12,18,20
73.	Jangkang	0.41	0.87	0.63	IV – V	III – II	1,3,4,5,7	2,5,7,8,12,20
74.	Johar	0.68	0.96	0.84	I – II	II – I	1,2	1,3,4,5,12,13,18
75.	Kapuk hutan	0.12	0.47	0.30	V	IV/V	1,2,4,5,6,7	2,8,14,15,20
76.	Kedemba	0.45	0.52	0.48	IV	III	1,3	1,2,3,4,5,7,20
77.	Kemenyan	0.47	0.63	0.57	IV/V	III – II	1,2	1,2,5,8,12,14,17,20
78.	Kenanga	0.20	0.44	0.33	V	IV – V	1,2,4,5,7	2,8,12,14,15,20
79.	KerANJI	0.84	1.04	0.98	I	I – II	1,2,3	1,2,4,5,6,7,11
80.	Kesambi	0.94	1.10	1.01	III	I	2,4,5,6	1,4,5,6,11,18
81.	Ketapang	0.41	0.85	-	III – V	II – III	1,2,3,4,5,6,7	1,2,3,4,5,7,8,11,14,20
82.	Kolaka	0.73	1.09	0.96	III	I	1,2,3,4,5,6,7	1,4,5,6,11
83.	Kupang	0.54	0.78	-	II – IV	II – III	1,2,3,4,5	1,2,3,4,5,7,11,13,20
84.	Leda	0.39	0.81	0.57	IV(V – II)	III(II – IV)	4,5	1,2,5,7,8,10,11,20
85.	Mahang	0.30	0.55	-	IV – V	II – IV	1,2,3	1,2,5,7,8,14,15,20
86.	Malas, k.	0.95	1.15	1.04	II – III	I	1,3	1,4,5,6,11,18
87.	Medang	0.36	0.85	-	III – V	II – V	1,2,3,4,5,6,7	1,2,3,4,5,7,8,11,12,20
88.	Membacang	0.49	0.74	-	II – V	II – III	1,2,3,4,5,6,7	2,5,8,12,14,20
89.	Mendarahan	0.36	0.74	-	V	II – IV	1,2,3	2,5,7,8,20
90.	Menjalin	0.58	1.04	-	V	I – III	1,2,3	1,2,5
91.	Mensira gunung	0.49	0.68	0.61	V	II – III	1,2,4,5,6,7	1,2,5,7,20
92.	Merambung	0.27	0.52	0.38	V	IV	1,2,3,4,5,6,7	2,8,14,15
93.	Merpayang	0.51	0.77	0.65	V	II – III	1,3	1,2,3,5,7,8,11,14,20
94.	Nyirih	0.70	0.74	-	II – III	II	1,2,3,4,5,6,7	1,2,3,4,5,6,7,11,13,18,20
95.	Pasang	0.58	1.21	-	II – IV	I – III	1,2,3,4,5,6,7	1,2,3,4,5,6,11,13,18
96.	Patin, k.	0.82	1.02	0.92	I	I – II	1	1,2,3,4,5,6,7,11,12
97.	Pelawan	1.00	1.19	-	I – II	I	1,3	1,4,6,10,11,18
98.	Perepat darat	0.67	0.85	0.76	III	II	1,3	1,3,4,5,11

No.	Wood Species	Specific Gravity			Class		Distribution	Uses
		Min	Max	Mean	Durability	Strength		
99.	Perepat laut	0.62	1.00	0.78	II – III	II – I	1,2,3,4,5,6,7	1,4,5,7,11
100.	Petaling	0.72	1.09	0.91	I – II	I – II	1,3	1,4,5,6,9,10,11
101.	Pimping	0.35	0.64	-	III – V	I – IV	1,2,3,4,5,6,7	1,2,5,7,8,11,14,20
102.	Pinang, k.	0.47	0.87	0.66	III – IV	II – III	1,3	1,2,3,4,5,7,11,20
103.	Punak	0.55	0.90	0.76	III – IV	II	1,3	1,2,3,4,5,7,11,20
104.	Puspa	0.62	0.71	-	III	II	1,2,3	1,2,4,5,10,11,18
105.	Putat	0.80	0.89	-	II – III	I – II	1,2,3,4,5,6,7	1,3,4,5,6,7,11,18
106.	Rasamala	0.61	0.90	0.81	II – (III)	II	1,2	1,4,5,7,10,11
107.	Sampang	0.39	0.59	-	V	III – IV	1,2,3	2,5,7,8,12,14,15,20
108.	Sawokecik	0.97	1.06	1.03	I	I	1,2,4,5,6	3,4,5,9,12,13,20
109.	Sendok-sendok	0.30	0.61	0.45	V	III – II	1,3,5,7	2,5,8,12,14,15,20
110.	Simpur	0.60	0.89	-	III – V	I – III	1,2,3,4	1,2,3,4,5,11,18
111.	Sindur	0.59	0.85	-	II – V	II – III	1,3,4,5	1,2,3,4,5,7,11
112.	Surian	0.38	0.50	-	III – V	III – IV	1,2,3,4,5,6,7	1,2,3,5,7,8,11,12,17,20
113.	Surian bawang	0.49	0.70	0.60	III – IV	II – III	1,3,5,7	1,2,3,4,5,7,11,20
114.	Tanjung	0.92	1.12	1.00	I/II	I	1,2,4,5,6	1,2,3,4,5,11,12
115.	Tempinis	0.92	1.20	1.01	I	I	1,4	1,4,5,6,7,9,11
116.	Tepis	0.41	0.82	-	IV – V	II – IV	1,3	1,2,3,5,7,14,20
117.	Terap	0.21	0.64	0.44	III – V	III – V	1,2,3,4,5,6,7	1,2,5,8,11
118.	Trembesi	-	-	0.61	IV	III	1,2,4,5,6	1,2,3,4,5,7,11,12,13
119.	Tualang	0.57	1.12	0.83	III – IV	II(I – II)	1,3,4	1,2,3,4,5,7,11
120.	Walikukun	0.90	1.08	0.98	II	I	2,6	1,4,5,6,9,10,11,18

**Table 2. Botanical name of Indonesian Commercial Wood Species**

No.	Commercial wood species	Botanical name	Family
1.	Agathis	- <i>Agathis alba</i> Foxw. - <i>Agathis beccarii</i> Warb. - <i>Agathis borneensis</i> Warb. - <i>Agathis hamii</i> M.Dr. - <i>Agathis loranthifolia</i> Salisb. - <i>Agathis Philippinensis</i> Warb.	Araucariaceae
2.	Ampupu	- <i>Eucalyptus alba</i> Reinw.	Myrtaceae
3.	Bakau	- <i>Bruguiera gymnorrhiza</i> Lamk. - <i>Rhizophora apiculata</i> Bl.	Rhizophoraceae
4.	Balau	- <i>Shorea atrinervosa</i> Sym. - <i>Shorea elliptica</i> Burck. - <i>Shorea glauca</i> King. - <i>Shorea laevis</i> Ridl. - <i>Shorea maxwelliana</i> King. - <i>Shorea</i> (31) - <i>Shorea</i> (60) - <i>Hopea celebica</i> Burck. - <i>Hopea</i> (31)	Dipterocarpaceae
5.	Balsa	- <i>Ochroma grandiflora</i> Rowlee	Bombacaceae
6.	Bayur	- <i>Pterospermum celebicum</i> Miq. - <i>Pterospermum diversifolium</i> Bl. - <i>Pterospermum javanicum</i> Jungh.	Sterculiaceae
7.	Bangkirai	- <i>Shorea laevifolia</i> Endert.	Dipterocarpaceae
8.	Bedaru	- <i>Cantleya corniculata</i> Howard	Icacinaceae
9.	Belangeran	- <i>Shorea balangeran</i> Burck.	Dipterocarpaceae
10.	Benuang	- <i>Octomeles sumatrana</i> Miq.	Datisacaceae
11.	Benuang laki	- <i>Duabanga moluccana</i> Bl.	Sonneratiaceae
12.	Berumbung	- <i>Adina minutiflora</i> Val.	Rubiaceae
13.	Bintangur	- <i>Calophyllum inophyllum</i> L. - <i>Calophyllum pulcherrimum</i> Wall. - <i>Calophyllum soulattri</i> Burm.f.	Guttiferae
14.	Bongin	- <i>Irvingia malayana</i> Oliv.	Simarubaceae
15.	Bugis, k	- <i>Koordersiodendron pinnatum</i> Merr.	Anacardiaceae
16.	Bungur	- <i>Lagerstroemia speciosa</i> Pers.	Lythraceae
17.	Cemara gunung	- <i>Casuarina junghubniana</i> Miq.	Casuarinaceae
18.	Cempaga	- <i>Dysoxylum densiflorum</i> Miq.	Meliaceae
19.	Cempaka	- <i>Elmerillia celebica</i> Dandy. - <i>Elmerillia mollis</i> Dandy. - <i>Elmerillia ovalis</i> Dandy. - <i>Michelia montana</i> Bl. - <i>Michelia velutina</i> Bl.	Magnoliaceae
20.	Cendana	- <i>Santalum album</i> L.	Santalaceae
21.	Cengal	- <i>Hopea sangal</i> Korth.	Dipterocarpaceae

22.	Dahu	- <i>Dracontomelon dao</i> Merr. et Rolf. - <i>Dracontomelon mangiferum</i> Bl.	Anacardiaceae
23.	Durian	- <i>Durio carinatus</i> Mast. - <i>Durio oxleyanus</i> Griff. - <i>Durio zibethinus</i> Murr. - <i>Coelostegia griffithii</i> Benth. - <i>Neesia ambigua</i> Becc.	Bombacaceae
24.	Ebony	- <i>Diospyros celebica</i> Bakh. - <i>Diospyros ebenum</i> Koen. - <i>Diospyros ferrea</i> Bakh. - <i>Diospyros lolin</i> Bakh. - <i>Diospyros macrophylla</i> Bl. - <i>Diospyros pilosanthera</i> Blanco. - <i>Diospyros rumbuii</i> Bakh.	Ebenaceae
25.	Gadog	- <i>Bischoffia javanica</i> Bl.	Euphorbiaceae
26.	Gelam	- <i>Melaleuca leucadendron</i> L.	Myrtaceae
27.	Gerunggang	- <i>Cratoxylon arborescens</i> Bl. - <i>Cratoxylon celebicum</i> Bl. - <i>Cratoxylon melanoxydon</i> Pierre	Guttiferae
28.	Gia	- <i>Homalium foetidum</i> Benth.	Flacourtiaceae
29.	Giam	- <i>Cotylelobium flavum</i> Pierre. - <i>Cotylelobium malayanum</i> V.Sl. - <i>Cotylelobium melanoxydon</i> Pierre - <i>Vatica flavovirens</i> V.Sl.	Dipterocarpaceae
30.	Gisok	- <i>Shorea guiso</i> Bl.	Dipterocarpaceae
31.	Gofasa	- <i>Vitex cofassus</i> Reinw.	Verbenaceae
32.	Jabon	- <i>Anthocephalus cadamba</i> Miq.	Rubiaceae
33.	Jangkang	- <i>Xylopiya malayana</i> Hook.f.et Th.	Annonaceae
34.	Jati	- <i>Tectona grandis</i> L.f.	Verbenaceae
35.	Jelutung	- <i>Dyera costulata</i> Hook.f.	Apocynaceae
36.	Jeungjing	- <i>Albizia falcata</i> Backer	Mimosaceae
37.	Johar	- <i>Cassia siamea</i> Lamk.	Caesalpiniaceae
38.	Kapuk hutan	- <i>Gossampinus malabarica</i> Alst.	Bombacaceae
39.	Kapur	- <i>Dryobalanops aromatica</i> Gaertn. - <i>Dryobalanops fusca</i> V.Sl. - <i>Dryobalanops lanceolata</i> Burck. - <i>Dryobalanops oocarpa</i> V.Sl. - <i>Dryobalanops rappa</i> Becc.	Dipterocarpaceae
40.	Kedemba	- <i>Mytragyna speciosa</i> Korth.	Rubiaceae
41.	Kemenyan	- <i>Styrax benzoin</i> Dryand.	Styracaceae
42.	Kemiri	- <i>Aleurites moluccana</i> Willd.	Euphorbiaceae
43.	Kempas	- <i>Koombassia malaccensis</i> Maing.	Caesalpiniaceae
44.	Kenanga	- <i>Cananga odorata</i> Hook.f.et Th.	Annonaceae
45.	Kenari	- <i>Canarium asperum</i> Benth. - <i>Canarium commune</i> L. - <i>Dacryodes rostrata</i> H.J.L. - <i>Dacryodes rugosa</i> H.J.L.	Burseraceae

		<ul style="list-style-type: none"> <li>- <i>Santiria griffithii</i> Engl.</li> <li>- <i>Santiria laevigata</i> Bl.</li> <li>- <i>Santiria oblongifolia</i> Bl.</li> <li>- <i>Santiria rubiginosa</i> Bl.</li> <li>- <i>Santiria tomentosa</i></li> </ul>	
46.	Keruing	<ul style="list-style-type: none"> <li>- <i>Dipterocarpus appendiculatus</i> Scheff.</li> <li>- <i>Dipterocarpus borneensis</i> V.Sl.</li> <li>- <i>Dipterocarpus caudiferus</i> Merr.</li> <li>- <i>Dipterocarpus confertus</i> V.Sl.</li> <li>- <i>Dipterocarpus cornutus</i> Dyer.</li> <li>- <i>Dipterocarpus costulatus</i> V.Sl.</li> <li>- <i>Dipterocarpus crinitus</i> Dyer.</li> <li>- <i>Dipterocarpus gracilis</i> Bl.</li> <li>- <i>Dipterocarpus grandiflorus</i> Blanco</li> <li>- <i>Dipterocarpus hasseltii</i> Bl.</li> <li>- <i>Dipterocarpus kunstleri</i> King.</li> <li>- <i>Dipterocarpus kutaianus</i> V.Sl.</li> <li>- <i>Dipterocarpus lowii</i> Hook.f.</li> <li>- <i>Dipterocarpus retusus</i> Bl.</li> <li>- <i>Dipterocarpus verrucosus</i> Foxw.</li> <li>- <i>Dipterocarpus warburgii</i> Brandis.</li> </ul>	Dipterocarpaceae
47.	KerANJI	<ul style="list-style-type: none"> <li>- <i>Dialium platysepalum</i> Backer.</li> </ul>	Caesalpiniaceae
48.	Kesambi	<ul style="list-style-type: none"> <li>- <i>Schleichera oleosa</i> Merr.</li> </ul>	Sapindaceae
49.	Ketapang	<ul style="list-style-type: none"> <li>- <i>Terminalia belerica</i> Roxb.</li> <li>- <i>Terminalia edulis</i> Blanco</li> <li>- <i>Terminalia gigantea</i> V.Sl.</li> </ul>	Combretaceae
50.	Kolaka	<ul style="list-style-type: none"> <li>- <i>Parinari corymbosa</i> Miq.</li> </ul>	Olacaceae
51.	Kuku	<ul style="list-style-type: none"> <li>- <i>Pericopsis mooniana</i> Thw.</li> </ul>	Papilionaceae
52.	Kulim	<ul style="list-style-type: none"> <li>- <i>Scorodocarpus borneensis</i> Becc.</li> </ul>	Olacaceae
53.	Kupang	<ul style="list-style-type: none"> <li>- <i>Ormosia sumatrana</i> Prain</li> </ul>	Papilionaceae
54.	Lara	<ul style="list-style-type: none"> <li>- <i>Metrosideros petiolata</i> Kds.</li> <li>- <i>Metrosideros vera</i> Roxb.</li> </ul>	Myrtaceae
55.	Lasi	<ul style="list-style-type: none"> <li>- <i>Adina fagifolia</i> Val.</li> </ul>	Rubiaceae
56.	Leda	<ul style="list-style-type: none"> <li>- <i>Eucalyptus deglupta</i> Bl.</li> </ul>	Myrtaceae
57.	Mahang kapur	<ul style="list-style-type: none"> <li>- <i>Macaranga hypoleuca</i> Muell. Arg.</li> </ul>	Euphorbiaceae
58.	Mahoni	<ul style="list-style-type: none"> <li>- <i>Swietenia mahagoni</i> Jacq.</li> <li>- <i>Swietenia macrophylla</i> King.</li> </ul>	Meliaceae
59.	Malas, k	<ul style="list-style-type: none"> <li>- <i>Parastemon urophyllum</i> A.DC.</li> </ul>	Rosaceae
60.	Matoa	<ul style="list-style-type: none"> <li>- <i>Pometia pinnata</i> Forst.</li> <li>- <i>Pometia tomentosa</i> Kurz.</li> </ul>	Sapindaceae
61.	Medang	<ul style="list-style-type: none"> <li>- <i>Litsea firma</i> Hook.f.</li> <li>- <i>Debbasia caesia</i> Bl.</li> </ul>	Lauraceae
62.	Melur	<ul style="list-style-type: none"> <li>- <i>Dacrydium beccarii</i> Parl.</li> <li>- <i>Dacrydium junghubnii</i> Miq.</li> <li>- <i>Podocarpus blumei</i> Endl.</li> <li>- <i>Podocarpus imbricatus</i> Bl.</li> <li>- <i>Podocarpus motleyi</i> Dumm.</li> </ul>	Podocarpaceae



		<ul style="list-style-type: none"> <li>- <i>Podocarpus neriifolius</i> D.Don.</li> <li>- <i>Phyllocladus hypophyllus</i> Hook.f.</li> </ul>	
63.	Membacang	- <i>Mangifera foetida</i> Lour.	Anacardiaceae
64.	Mendarahan	- <i>Myristica iners</i> Bl.	Myristicaceae
65.	Menjalin	- <i>Xanthophyllum excelsum</i> Miq.	Polygalaceae
66.	Mensira gunung	- <i>Ilex pleiobrachiata</i> Loes.	Aquifoliaceae
67.	Mentibu	- <i>Dactylocladus stenostachys</i> Oliy.	Melastomataceae
68.	Merambung	- <i>Vernonia arborea</i> Ham.	Compositae
69.	Meranti merah	<ul style="list-style-type: none"> <li>- <i>Shorea acuminata</i> Dyer.</li> <li>- <i>Shorea compressa</i> Burck.</li> <li>- <i>Shorea lepidota</i> Bl.</li> <li>- <i>Shorea leprosula</i> Miq.</li> <li>- <i>Shorea leptocladus</i> Sym.</li> <li>- <i>Shorea macroptera</i> Dyer.</li> <li>- <i>Shorea ovalis</i> Bl.</li> <li>- <i>Shorea ovata</i> Dyer.</li> <li>- <i>Shorea pachyphylla</i> Ridl.</li> <li>- <i>Shorea palembanica</i> Miq.</li> <li>- <i>Shorea parvifolia</i> Dyer.</li> <li>- <i>Shorea pauciflora</i> King.</li> <li>- <i>Shorea pinanga</i> Scheff.</li> <li>- <i>Shorea platycarpa</i> Heim.</li> <li>- <i>Shorea platyclados</i> V.Sl.</li> <li>- <i>Shorea quadrinervis</i> V.Sl.</li> <li>- <i>Shorea sandakensis</i> Sym.</li> <li>- <i>Shorea selanica</i> Bl.</li> <li>- <i>Shorea smithiana</i> Sym.</li> <li>- <i>Shorea stenoptera</i> Burck.</li> <li>- <i>Shorea teysmanniana</i> Dyer.</li> <li>- <i>Shorea uliginosa</i> Foxw.</li> </ul>	Dipterocarpaceae
70a.	Meranti putih	<ul style="list-style-type: none"> <li>- <i>Shorea bracteolata</i> Dyer.</li> <li>- <i>Shorea gysbertsiana</i> Burck.</li> <li>- <i>Shorea javanica</i> K.et V.</li> <li>- <i>Shorea koordersii</i> Brandis</li> <li>- <i>Shorea ochracea</i> Sym.</li> <li>- <i>Shorea retinodes</i> V.Sl.</li> <li>- <i>Shorea sororia</i> V.Sl.</li> <li>- <i>Shorea virescens</i> Parijs.</li> </ul>	Dipterocarpaceae
70b.	Meranti kuning	<ul style="list-style-type: none"> <li>- <i>Shorea acuminatissima</i> Sym.</li> <li>- <i>Shorea faguetiana</i> Heim.</li> <li>- <i>Shorea gibbosa</i> Brandis</li> <li>- <i>Shorea multiflora</i> Sym.</li> </ul>	Dipterocarpaceae
71.	Merawan	<ul style="list-style-type: none"> <li>- <i>Hopea dasyrrachis</i> V.Sl.</li> <li>- <i>Hopea dryobalanoides</i> Miq.</li> <li>- <i>Hopea ferruginea</i> Parijs</li> <li>- <i>Hopea mengarawan</i> Miq.</li> <li>- <i>Hopea sericea</i> Bl.</li> </ul>	Dipterocarpaceae

72.	Merbau	- <i>Intsia bijuga</i> O.Ktze. - <i>Intsia palembanica</i> Miq.	Caesalpiniaceae
73.	Merpayang	- <i>Scaphium macropodum</i> J.B.	Sterculiaceae
74.	Mersawa	- <i>Anisoptera costata</i> Korth. - <i>Anisoptera grossivenia</i> V.Sl. - <i>Anisoptera marginata</i> Korth.	Dipterocarpaceae
75.	Nyatoh	- <i>Ganna motleyana</i> Pierre - <i>Palaquium burcki</i> H.J.L. - <i>Palaquium ferox</i> H.J.L. - <i>Palaquium gutta</i> Baill. - <i>Palaquium hexandrum</i> Engl. - <i>Palaquium javense</i> Burck. - <i>Palaquium leiocarpum</i> Boerl. - <i>Palaquium luzoniense</i> Vid. - <i>Palaquium microphyllum</i> K.et G. - <i>Palaquium obtusifolium</i> Burck. - <i>Palaquium quercifolium</i> Burck. - <i>Palaquium ridleyi</i> K.et G. - <i>Palaquium rostratum</i> Burck. - <i>Palaquium walsurifolium</i> Pierre - <i>Payena acuminata</i> Pierre - <i>Payena leerii</i> Kurz. - <i>Payena lucida</i> DC.	Sapotaceae
76.	Nyirih	- <i>Xylocarpus granatum</i> Koen.	Meliaceae
77.	Pasang	- <i>Quercus lineate</i> Bl. - <i>Quercus spicata</i> Smith. - <i>Quercus sundaica</i> Bl.	Fagaceae
78.	Patin, k	- <i>Mussaendopsis beccariana</i> Baill.	Rubiaceae
79.	Pelawan	- <i>Tristania maingayi</i> Duthie	Myrtaceae
80.	Perepat darat	- <i>Combretocarpus rotundatus</i> Dans.	Rhizophoraceae
81.	Perepat laut	- <i>Sonneratia alba</i> Smith.	Sonneratiaceae
82.	Perupuk	- <i>Lophopetalum pachyphyllum</i> King.	Celastraceae
83.	Petaling	- <i>Ochanostachys amentacea</i> Mast.	Olacaceae
84.	Petanang	- <i>Dryobalanops oblongifolia</i> Dyer.	Dipterocarpaceae
85.	Pilang	- <i>Acacia leucophloea</i> Willd.	Mimosaceae
86.	Pimping	- <i>Sterculia foetida</i> L.	Sterculiaceae
87.	Pinang, k	- <i>Pentace triptera</i> Mast.	Tiliaceae
88.	Pulai	- <i>Alstonia angustiloba</i> Miq. - <i>Alstonia pneumatophora</i> Back. - <i>Alstonia scholaris</i> R.Br. - <i>Alstonia spectabilis</i> R.Br.	Apocynaceae
89.	Punak	- <i>Tetramerista glabra</i> Miq.	Theaceae
90.	Puspa	- <i>Schima wallichii</i> Korth.	Theaceae
91.	Putat	- <i>Planchonia valida</i> Bl.	Lecythidaceae
92.	Ramin	- <i>Gonystylus bancanus</i> Kurz.	Thymeleaceae
93.	Rasamala	- <i>Altingia excelsa</i> Noronha	Hamamelidaceae
94.	Rengas	- <i>Gluta reinghas</i> L.	Anacardiaceae

95.	Resak	- <i>Vatica bancana</i> Scheff. - <i>Vatica celebica</i> V.Sl. - <i>Vatica oblongifolia</i> Hook.f. - <i>Vatica papuana</i> Dyer. - <i>Vatica rassak</i> Bl. - <i>Vatica subcordata</i> Hallier	Dipterocarpaceae
96.	Salimuli	- <i>Cordia subcordata</i> Lamk.	Boraginaceae
97.	Sampang	- <i>Evodia aromatica</i> Bl.	Rutaceae
98.	Saninten	- <i>Castanopsis argentea</i> A.DC.	Fagaceae
99.	Sawokecik	- <i>Manilkara kanki</i> Dub.	Sapotaceae
100.	Sendok-sendok	- <i>Endospermum malaccense</i> Muell. Arg.	Euphorbiaceae
101.	Simpur jangkang	- <i>Dillenia eximia</i> Miq.	Dilleniaceae
102.	Sindur	- <i>Sindora galedupa</i> Prain - <i>Sindora leiocarpa</i> De Witt - <i>Sindora wallichii</i> Benth.	Caesalpiniaceae
103.	Sonokeling	- <i>Dalbergia latifolia</i> Roxb.	Papilionaceae
104.	Sonokembang	- <i>Pterocarpus indicus</i> Willd.	Papilionaceae
105.	Sungkai	- <i>Peronema canescens</i> Jack.	Verbenaceae
106.	Surian	- <i>Toona sureni</i> Merr.	Meliaceae
107.	Surian bawang	- <i>Melia excels</i> Jack.	Meliaceae
108.	Tanjung	- <i>Mimusops elengi</i> L.	Sapotaceae
109.	Tembesu	- <i>Fagraea fragrans</i> Roxb. - <i>Fagraea sororia</i> J.J.S.	Loganiaceae
110.	Tempinis	- <i>Sloetia elongate</i> Kds.	Moraceae
111.	Tepis	- <i>Polyalthia hypoleuca</i> Hook.f.et. Th.	Annonaceae
112.	Teraling	- <i>Tarrietia simplicifolia</i> Mast.	Sterculiaceae
113.	Terap	- <i>Artocarpus elasticus</i> Reinw.	Moraceae
114.	Terentang	- <i>Campnosperma auriculata</i> Hook.f. - <i>Campnosperma macrophylla</i> Hook.f	Anacardiaceae
115.	Trembesi	- <i>Samanea saman</i> Merr.	Mimosaceae
116.	Tualang	- <i>Koompasia excelsa</i> Taub.	Caesalpiniaceae
117.	Tusam	- <i>Pinus merkusii</i> Jungh et De Vr.	Pinaceae
118.	Ulin	- <i>Eusideroxylon zwageri</i> T. et B.	Lauraceae
119.	Walikukun	- <i>Schoutenia ovata</i> Korth.	Tiliaceae
120.	Weru	- <i>Albizia procera</i> Benth.	Mimosaceae