

Grouping of Sabah's rain forest tree species

Table 1: Successional status (SS) of 468 of Sabah's lowland tree species. No: Number of species per SS. Ab: Abundance of trees with diameter >10cm in forest inventories in Deramakot, Lingkabau, Kalabakan and Ulu Segama.

Successional status	SS	No	Ab [%]
Early successional spp.	1	31	24.8
Mid successional spp.	2	317	63.4
Late successional spp.	3	120	11.9

Table 2: Aggregation of 468 of Sabah's lowland tree species into five height groups (HG). Height range at maturity. No spp.: Number of species per HG. Abundance of trees with diameter >10cm in forest inventories in Deramakot, Lingkabau, Kalabakan and Ulu Segama.

Name	Height [m]	HG	No spp.	Abundance [%]
Shrubs	0- 5	1	15	5.7
Understorey	5-15	2	97	13.5
Lower canopy	15-25	3	119	32.9
Upper canopy	25-36	4	117	21.9
Emergents	>36	5	120	26.0

Table 3: Autecological characteristics of 13 plant functional types (PFTs) of Sabah's lowland tree species. Height at maturity. SS: related successional status (Table 1). HG: related height group (Table 2). No: Number of species per PFT. Ab: Abundance of trees with diameter >10cm in forest inventories in Deramakot, Lingkabau, Kalabakan and Ulu Segama.

Plant functional type	Height [m]	PFT	SS	HG	No	Ab [%]
Shrub mid successional spp.	0-5	1	2	1	15	5.7
Understorey early successional spp.	5-15	2	1	2	5	0.4
Understorey mid successional spp.	5-15	3	2	2	28	4.7
Understorey late successional spp.	5-15	4	3	2	65	8.3
Lower canopy early successional spp.	15-25	5	1	3	14	19.0
Lower canopy mid successional spp.	15-25	6	2	3	92	13.6
Lower canopy late successional spp.	15-25	7	3	3	13	0.3
Upper canopy early successional spp.	25-36	8	1	4	10	4.1
Upper canopy mid successional spp.	25-36	9	2	4	89	16.0
Upper canopy late successional spp.	25-36	10	3	4	18	1.8
Emergent early successional spp.	>36	11	1	5	3	1.2
Emergent mid successional spp.	>36	12	2	5	93	23.3
Emergent late successional spp.	>36	13	3	5	24	1.5

Legend

Table 4: Legend of tree species lists of Sabah

Column	Description
Botanical name	Genus and species name
Local name	Local name
PFT	Plant Functional Type according Table 3
SS	Successional status according Table 1
HG	Height group according Table 2
Code(FRC)	Species code for identification of Forest Research Center, Sepilok
Code(HQ)	Species code for identification pf Head Quarter, Sandakan
T-GRP	Timber group after Ong & Kleine (1995)