

APPENDIX III

Species list of trees and lianas in permanent plots

PIN, Pinang Pinang Plot

PAT, Pinang Pinang Atas Transect

 r, old-growth forest on ridge (subplot 12-30)

 v1, secondary forest on SE slope (subplot 31-37)

 v2, secondary forest on NW slope (subplot 1-11)

PBA, Pinang Pinang Bawah Plot

GAJ, Gajabuih Plot

AIR, Airsirah Plot

GAD, G. Gadut Plot

Number of plot trees/lianas in Dec. 1987 for each species in family name order: Trees/lianas ≥ 8 cm in dbh for PIN and GAJ, those ≥ 5 cm for other plots. Compiled by T. Kohyama and M. Hotta.

Species List for 6 Plots

Species name	Family	Individual number in each plot							
		PIN	PAT		PBA	GAJ	AIR	GAD	
		r	v1	v2					
(1) Trees									
<i>Dracaena elliptica</i> cf.	Agav	-	-	-	-	-	1	-	-
<i>Semecarpus heterophyllus</i> cf.	Anac	-	-	-	-	-	-	1	-
<i>Spondias</i> sp. cf.	Anac	2	-	-	-	-	-	-	-
<i>Swintonia schwenckii</i>	Anac	15	1	-	-	-	13	-	-
	Anac	-	-	-	-	-	1	1	-
<i>Cyathocalyx</i> sp.	Anno	-	1	3	-	-	-	-	-
<i>Cyathocalyx</i> sp. cf.	Anno	-	-	-	-	-	-	1	-
<i>Disepalum platypetalum</i>	Anno	-	-	-	-	-	-	-	5
<i>Gonyotalamus</i> sp. cf.	Anno	1	-	-	-	-	-	-	-
<i>Mitrephora</i> sp.	Anno	-	-	-	-	-	1	-	-
<i>Polyalthea</i> sp.	Anno	-	-	1	-	-	4	2	-
<i>Popowia</i> sp.	Anno	-	-	-	-	-	1	-	-
	Anno	3	1	-	1	-	-	3	-
<i>Alstonia angustifolia</i>	Apoc	1	-	-	-	-	-	-	-
<i>Alstonia</i> sp.	Apoc	-	1	-	-	-	-	-	-
<i>Tabernaemontana</i> sp.	Apoc	-	-	1	2	-	-	-	-
<i>Wrightia laevis</i>	Apoc	-	-	-	-	-	1	-	-
	Apoc	-	1	-	1	-	-	-	-
<i>Ilex</i> sp.	Aqui	-	-	-	-	-	-	-	3
<i>Aralidium pinnatifidum</i>	Aral	-	1	-	-	-	-	-	-
<i>Arthrophyllum</i> sp.	Aral	-	-	-	-	-	1	-	-
<i>Schefflera</i> sp.	Aral	-	-	-	-	-	1	-	-
	Aral	-	1	-	-	-	-	-	-
<i>Vernonia arborea</i>	Aste	-	-	-	-	27	-	-	-
<i>Deplanchea bancana</i>	Bign	-	-	-	-	-	1	-	-
<i>Durio griffithii</i>	Bomb	9	4	-	-	-	8	-	-
<i>Neesia altissima</i>	Bomb	-	-	-	-	-	-	1	-
<i>Neesia</i> sp. cf.	Bomb	-	-	-	-	-	1	-	-
<i>Canarium denticulatum</i>	Burs	4	-	-	-	-	7	-	-
<i>Canarium serratum</i> cf.	Burs	1	-	-	-	-	-	-	-
<i>Canarium</i> sp.	Burs	6	6	1	-	-	8	3	-
<i>Canarium</i> sp. cf.	Burs	1	-	-	-	-	-	-	2
<i>Santiria</i> sp.	Burs	1	4	1	-	-	4	-	-
	Burs	4	-	-	-	-	1	1	-
<i>Euonymus</i> sp.	Cela	-	-	-	-	-	1	-	-
	Cela	-	1	-	-	-	-	-	-
<i>Ellipanthus tomentosus</i>	Conn	-	3	1	-	-	5	2	7
<i>Mastixia trichotoma</i>	Corn	19	1	-	-	-	3	-	-
<i>Weinmannia blumei</i>	Cuno	-	-	-	-	-	-	1	7
<i>Cyathea</i> sp.	Cyat	1	-	-	-	-	-	-	-
<i>Dipterocarpus</i> sp.	Dipt	-	-	-	-	2	-	-	-
<i>Hopea mengarawan</i>	Dipt	8	4	-	-	-	6	-	-
<i>Hopea mengarawan</i> cf.	Dipt	-	1	-	-	-	-	-	-
<i>Hopea</i> sp. cf.	Dipt	4	-	-	-	-	-	-	-
<i>Parashorea lucida</i>	Dipt	-	3	-	-	-	-	-	-

Species List for 6 Plots

Species name	Family	Individual number in each plot						
		PIN	PAT		PBA	GAJ	AIR	GAD
			r	v1	v2			
<i>Parashorea lucida</i> cf.	Dipt	9	-	-	-	-	-	-
<i>Shorea multiflora</i> cf.	Dipt	1	-	-	-	-	-	-
<i>Shorea</i> sp.	Dipt	2	2	-	-	-	3	-
<i>Shorea</i> sp. cf.	Dipt	-	1	-	-	-	4	-
<i>Shorea sumatrana</i>	Dipt	12	3	-	-	-	24	-
<i>Shorea sumatrana</i> cf.	Dipt	-	-	-	-	-	1	-
<i>Vatica</i> sp. cf.	Dipt	1	-	-	-	-	1	-
<i>Diospyros</i> sp.	Eben	9	16	-	-	-	9	-
<i>Diospyros</i> sp. cf.	Eben	-	1	-	-	-	-	-
<i>Elaeocarpus griffithii</i>	Elae	-	-	-	-	-	-	2
<i>Elaeocarpus</i> sp.	Elae	1	-	-	7	6	1	9
<i>Elaeocarpus</i> sp. cf.	Elae	-	1	-	2	-	-	2
<i>Elaeocarpus stipularis</i>	Elae	-	-	-	-	-	-	2
<i>Vaccinium</i> sp.	Eric	-	-	-	1	-	-	2
<i>Apolosa frutescens</i> cf.	Euph	1	-	-	-	-	-	-
<i>Apolosa</i> sp. cf.	Euph	2	-	-	-	-	-	-
<i>Baccaurea</i> sp. cf.	Euph	-	-	-	-	-	1	-
<i>Blumeodendron</i> sp.	Euph	-	-	-	-	-	1	-
<i>Blumeodendron tokbrai</i>	Euph	1	-	-	-	-	-	-
<i>Breynia</i> sp.	Euph	-	-	-	-	3	-	-
<i>Chrysophyllum malayanum</i>	Euph	-	-	-	-	-	-	1
<i>Claoxylon longifolium</i>	Euph	-	-	-	3	-	-	-
<i>Macaranga denticulata</i>	Euph	2	1	-	-	4	8	-
<i>Macaranga gigantea</i>	Euph	-	-	-	-	1	-	-
<i>Macaranga hypoleuca</i>	Euph	9	-	1	2	1	3	-
<i>Macaranga javanica</i>	Euph	-	-	-	-	-	-	1
<i>Macaranga pruinosa</i>	Euph	4	-	1	-	1	-	-
<i>Macaranga pruinosa</i> cf.	Euph	-	1	-	-	-	-	-
<i>Macaranga</i> sp.	Euph	1	-	-	1	4	-	-
<i>Macaranga triloba</i>	Euph	12	2	-	8	3	11	-
<i>Mallotus paniculatus</i>	Euph	4	-	-	2	13	4	-
<i>Mallotus</i> sp.	Euph	2	1	-	9	-	-	-
<i>Mallotus</i> sp. cf.	Euph	-	-	-	-	-	1	-
<i>Mallotus subpeltatus</i>	Euph	15	6	1	1	-	3	-
<i>Mallotus subpeltatus</i> cf.	Euph	-	-	-	-	-	1	-
<i>Phyllanthus indicus</i> cf.	Euph	22	16	1	-	-	22	-
<i>Phyllanthus</i> sp.	Euph	-	1	-	-	-	1	-
<i>Ryparosa caesia</i>	Euph	-	-	-	-	-	1	-
<i>Sapium sebiferum</i>	Euph	-	1	-	-	3	-	-
<i>Trigonostemon</i> sp.	Euph	-	-	-	-	-	1	-
	Euph	3	2	1	2	-	5	3
<i>Castanopsis lucida</i> cf.	Faga	-	-	-	-	-	1	-
<i>Castanopsis rhamnifolia</i>	Faga	6	-	-	-	-	1	-
<i>Castanopsis</i> sp.	Faga	2	-	-	-	-	-	1
<i>Castanopsis</i> sp. cf.	Faga	2	-	1	-	-	-	-
<i>Lithocarpus conocarpum</i>	Faga	1	-	-	-	-	-	-

Species List for 6 Plots

Species name	Family	Individual number in each plot							
		PIN	PAT		PBA	GAJ	AIR	GAD	
		r	v1	v2					
Lithocarpus elegans cf.	Faga	-	-	-	-	-	-	-	21
Lithocarpus ewyckii	Faga	-	-	-	-	-	-	1	-
Lithocarpus ewyckii cf.	Faga	1	-	-	-	-	1	-	-
Lithocarpus platycarpus	Faga	2	-	-	-	-	-	-	-
Lithocarpus sp.	Faga	13	2	-	-	2	12	3	-
Lithocarpus sp. cf.	Faga	8	-	-	-	-	-	-	2
Lithocarpus sundaicus	Faga	-	1	-	-	-	2	-	-
Lithocarpus sundaicus cf.	Faga	1	-	-	-	-	-	-	-
Quercus gemelliflora	Faga	6	3	-	-	-	3	-	-
Quercus lineata	Faga	1	4	-	-	-	-	6	-
Quercus sp.	Faga	4	1	-	-	-	-	-	-
Flacourtia rukam cf.	Flac	-	-	-	-	-	2	-	-
Flacourtia sp.	Flac	1	1	3	1	-	-	-	-
Flacourtia sp. cf.	Flac	1	-	-	-	-	-	-	-
Calophyllum sp.	Gutt	3	-	-	-	-	1	-	-
Garcinia dioica	Gutt	2	-	-	-	-	1	-	-
Garcinia sp.	Gutt	-	-	-	-	-	-	-	2
Bucklandia tricuspis	Hama	-	-	-	-	-	-	-	2
Platea excelsa	Ioac	7	3	-	-	-	2	-	1
Illicium sp.	Illi	-	-	-	-	-	-	1	-
Cinnamomum javanicum	Laur	-	-	-	1	-	-	9	-
Cinnamomum sp.	Laur	1	1	-	-	-	2	1	1
Cinnamomum verum	Laur	-	-	-	-	-	2	-	-
Cryptocarya ferrea	Laur	-	-	-	-	-	-	1	-
Cryptocarya zollingeriana	Laur	1	-	-	-	-	-	-	-
Dehaasia sp. cf.	Laur	-	-	-	-	-	-	1	-
Litsea cubeba	Laur	2	-	-	-	-	15	1	-
Litsea lanceolata	Laur	1	-	-	-	-	-	-	-
Litsea sp.	Laur	9	7	-	-	-	20	2	2
Litsea sp. cf.	Laur	1	1	-	-	-	1	1	1
Neolitsea sp.	Laur	-	-	-	-	-	-	-	1
Phoebe sp.	Laur	2	-	-	-	-	4	-	-
	Laur	10	11	1	8	1	10	12	4
Planchonia sp.	Lecy	-	3	-	-	-	1	-	-
Planchonia valida	Lecy	2	-	-	-	-	4	-	-
Dialium sp. cf.	Legu	-	-	-	-	-	1	-	-
Erythrina sp.	Legu	-	-	5	1	2	-	-	-
Pithecellobium microcarpum	Legu	3	1	-	-	-	18	-	-
Pithecellobium sp.	Legu	-	-	-	-	-	1	1	-
Pithecellobium sp. cf.	Legu	1	-	-	-	-	-	-	-
	Legu	3	-	-	-	-	1	1	-
Magnolia sp. cf.	Magn	-	-	-	-	-	-	1	-
Talauma sp.	Magn	2	-	-	-	-	-	-	1
Memecylon costatum	Mela	1	-	-	-	-	-	-	-
Memecylon laurinum	Mela	5	-	-	-	-	1	-	1
Memecylon ovatum cf.	Mela	-	-	-	-	-	-	-	2

Species List for 6 Plots

Species name	Family	Individual number in each plot							
		PIN	PAT		PBA	GAJ	AIR	GAD	
			r	v1					v2
Memecylon sp.	Mela	1	-	-	-	-	1	-	-
Pternandra caeruleascens	Mela	6	3	1	1	3	3	-	-
Aglaea angustifolia	Meli	-	-	-	-	-	-	1	-
Aglaea dookoo	Meli	1	-	-	-	-	-	-	-
Aglaea sp.	Meli	-	1	-	-	-	1	2	-
Aglaea sp. cf.	Meli	-	-	1	-	-	2	-	-
Aglaea tomentosa	Meli	1	-	-	-	-	2	-	-
Dysoxylum sp.	Meli	17	14	3	4	2	6	-	-
Dysoxylum sp. cf.	Meli	1	1	-	-	-	-	-	-
Sandricum koetjape	Meli	10	-	-	-	-	-	-	-
	Meli	7	1	-	1	-	-	2	-
Artocarpus glauca	Mora	7	-	-	-	-	1	-	-
Artocarpus sp.	Mora	3	2	-	1	-	-	-	-
Artocarpus sp. cf.	Mora	-	-	-	1	-	-	-	-
Ficus alba	Mora	-	-	-	-	1	-	-	-
Ficus miquierii	Mora	2	-	-	-	-	2	-	-
Ficus ribes	Mora	2	1	3	10	10	12	-	-
Ficus sp.	Mora	19	11	7	9	2	5	3	-
Gymnacranthera paniculata	Myri	-	-	-	-	-	1	-	-
Knema cinerea	Myri	2	3	-	-	-	5	-	-
Knema hookeriana	Myri	3	2	1	-	-	1	-	-
Knema laurina	Myri	1	-	-	-	-	-	-	-
Knema sp.	Myri	6	-	-	3	2	2	2	-
Knema sp. cf.	Myri	-	-	-	-	-	-	1	-
Myrica javanica cf.	Myri	-	-	-	-	-	-	-	1
Myristica sp.	Myri	-	3	3	1	-	2	-	-
Ardisia sp.	Myrs	-	-	-	-	-	2	-	-
Ardisia sp. cf.	Myrs	-	-	-	-	1	-	-	-
Rhodamnia sinerea	Myrt	-	-	-	-	-	-	1	-
Syzygium sp.	Myrt	36	17	4	2	-	37	16	9
Syzygium sp. cf.	Myrt	3	-	-	-	-	3	1	5
Tristania bakhuizeni	Myrt	-	-	-	-	-	1	5	24
Nyssa javanica	Nyss	1	-	-	-	-	-	-	-
Nyssa sp.	Nyss	-	1	-	-	-	-	-	-
	Olea	-	-	-	-	-	-	-	2
Oncosperma sp.	Palm	-	1	-	-	-	-	-	-
Piper aduncum	Pipe	-	-	2	4	-	-	-	-
Podocarpus neriifolius	Podo	-	-	-	-	-	1	-	10
Xanthophyllum rufum	Poly	1	-	-	-	-	-	-	-
Xanthophyllum sp.	Poly	1	4	-	-	-	1	2	-
Xanthophyllum sp. cf.	Poly	2	-	-	-	-	-	-	-
Anisophyllea sp.	Rhiz	1	-	1	-	-	8	-	-
Carallia sp. cf.	Rhiz	-	1	-	-	-	1	-	-
Anthocephallus indicus	Rubi	4	-	-	8	-	1	-	-
Coffia arabica	Rubi	-	-	-	-	1	-	-	-
Dehasia sumatrana cf.	Rubi	1	-	-	-	-	-	-	-

Species List for 6 Plots

Species name	Family	Individual number in each plot							
		PIN	PAT		PBA	GAJ	AIR	GAD	
			r	v1					v2
Neuclea sp.	Rubi	-	-	-	-	-	1	-	-
Randia sp.	Rubi	1	-	-	-	-	-	-	-
Spathostemon javensis cf.	Rubi	1	-	-	-	-	-	-	-
Tarenna sp.	Rubi	1	-	-	-	-	-	-	-
Timonius wallichianus	Rubi	-	1	-	-	-	13	1	-
Urophyllum macrophyllum	Rubi	10	4	3	-	7	9	1	-
Urophyllum sp.	Rubi	-	1	-	-	-	-	-	-
Evodia latifolia	Ruta	2	-	-	-	-	1	-	-
	Ruta	2	-	-	-	-	-	-	-
Nephelium juglandifolium	Sapi	17	1	-	-	-	6	-	-
Nephelium mutabilis cf.	Sapi	1	-	-	-	-	-	-	-
Nephelium sp.	Sapi	7	8	-	1	3	2	-	-
Pometia sp.	Sapi	6	-	-	6	-	1	-	-
	Sapi	-	2	-	-	-	-	-	-
Ganua motleyana	Sapo	1	-	-	-	-	-	-	-
Palaquium sp.	Sapo	45	11	1	-	2	19	8	-
Palaquium sp. cf.	Sapo	3	-	-	-	-	2	-	-
	Sapo	-	5	3	2	2	-	1	-
Saurauia sp.	Saur	-	2	2	1	3	-	-	-
Polyosma integrifolia	Saxi	-	1	-	-	-	1	-	-
Polyosma sp.	Saxi	-	-	-	-	-	-	3	3
Polyosma sp. cf.	Saxi	-	-	-	-	-	-	-	1
	Sima	1	-	-	-	-	-	-	-
Sterculia cuspidata	Ster	4	-	-	-	-	-	-	-
Sterculia cuspidata cf.	Ster	3	-	-	-	-	-	-	-
Sterculia longifolia	Ster	3	-	-	-	-	-	-	-
Sterculia sp.	Ster	2	8	-	4	1	2	-	-
Sterculia sp. cf.	Ster	-	1	-	-	-	1	-	-
	Ster	2	-	-	-	-	-	-	-
Styrax paralleloneurum	Styr	7	-	-	-	-	9	-	-
Styrax serrulatum	Styr	14	1	-	3	11	2	-	-
Symplocos sp.	Symp	-	-	-	1	-	-	-	-
Symplocos sp. cf.	Symp	-	-	-	1	-	-	-	-
Adinandra dumosa	Thea	-	-	-	-	-	-	3	1
Anneslea fragrans	Thea	-	-	-	-	-	-	-	17
Eurya acuminata	Thea	8	-	-	-	1	2	-	-
Schima wallichii	Thea	5	-	-	-	-	2	2	-
Ternstroemia japonica	Thea	-	-	-	-	-	-	1	-
	Thea	2	1	-	-	-	-	-	3
Gonystylus forbesii	Thym	9	1	-	-	-	13	-	-
Grewia florida	Tili	26	1	-	1	-	7	-	-
Grewia sp.	Tili	1	-	-	-	-	-	-	-
Gironniera subaequalis	Ulma	-	-	-	-	-	6	-	-
Trema angustifolia	Ulma	4	-	-	2	2	6	-	-
Trema orientalis	Ulma	1	-	-	-	3	-	-	-
	Ulma	1	-	-	-	-	-	-	-

Species List for 6 Plots

Species name	Family	Individual number in each plot							
		PIN	PAT		PBA	GAJ	AIR	GAD	
		r	v1	v2					
Laportea stimulans	Urti	2	2	2	17	15	14	-	-
Villebrunea rubescens	Urti	3	4	2	22	24	26	-	-
	Urti	-	-	2	4	5	-	-	-
Vitex gamosepala	Verb	3	2	6	-	1	2	-	-
(not determined)		133	30	12	22	9	58	21	75
(2) Lianas									
Artabotrys gracilis	Anno	3	-	-	-	-	1	-	-
Artabotrys sp. cf.	Anno	1	-	-	-	-	2	-	-
Fissistigma sp.	Anno	1	-	-	-	-	-	-	-
Uvaria sp.	Anno	1	-	-	-	-	2	-	-
	Anno	1	3	-	-	-	-	-	-
Willughbia apiculata	Apoc	5	1	-	-	-	-	-	-
Gnetum sp.	Gnet	-	-	-	-	-	-	2	-
Bauhinia sp.	Legu	4	-	-	-	-	-	-	-
Milletia sp. cf.	Legu	-	-	-	-	-	1	-	-
	Legu	-	-	1	-	-	-	-	-
	Mela	1	-	-	-	-	-	-	2
Uncaria sp.	Rubi	2	-	-	-	-	1	-	-
	Rubi	-	1	-	-	-	-	-	-
Tetrastigma sp.	Vita	-	1	-	-	-	-	-	-
(not determined)		4	6	4	-	-	1	1	1
Total alive trees and lianas		791	293	87	185	184	596	145	249