

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
1	1	2.6	48	-7	Stemonurus scorpioides	12	12.2	1.3			
1	2	15	34	-12	Parashorea parvifolia	37	39.3	1.3			
1	3	12.2	35	-18	Beilschmiedia	18	17.7	1.3			
1	4	16.3	38	-14	Shorea macrophylla	29	30.4	1.3			
1	5	20.2	41	-8	Shorea macrophylla	30	30.6	1.3			
1	6	8	60	-4	Parashorea parvifolia	93	99	4		P1-1	
1	7	17.8	62	-4	Shorea macrophylla	19	20.3	1.3			
1	8	13.7	67	-6	Shorea angustifolia	14		1.3		Dead	
1	9	17.8	69	0	Pentace laxiflora	21	20.8	1.3			
1	10	16.7	77	-3	Shorea macroptera	21	20.5	1.3			
1	11	9.5	79	-4	Anisoptera costata	25	26.1	1.3			
1	12	4.5	79	0	Nephelium maingayi	28		1.3		Dead	
1	13	6.8	90	1	Shorea angustifolia	54	58	2.6		P1-2	
1	14	11.4	89	-7	Madhuca kingiana	20	20.3	1.3			
1	15	18.6	88	-6	Shorea xanthophylla	30	33.4	1.3			
1	16	18.6	88	-6	Canarium littorale	45	46.4	1.3			
1	17	1.8	110	0	Vatica dulitensis	36	37.1	1.3			
1	18	16.3	90	-8	Shorea xanthophylla	19	19.1	1.3			
1	19	13.6	96	-6	Teijsmanniodendron	18	18.3	1.3			
1	20	14.9	96	-6	Shorea xanthophylla	23	24	1.3			
1	21	17.2	106	-6	Lithocarpus beccarianus	31	30.9	1.3			
1	22	6.1	116	-10	Shorea xanthophylla	20	21.5	1.3			
1	23	6.9	137	-16	Lithocarpus sp.	26	28.2	1.3			
1	24	14.2	128	-22	Shorea parvifolia	23	25.3	1.3			
1	25	16.4	129	-22	Shorea parvifolia	26	34.7	1.3			
1	26	12.3	137	-30	Durio	12	14	1.3			
1	27	19.1	144	-28	Eusideroxylon zwageri	39	28.6	1.3			
1	28	1.9	163	0	Eusideroxylon zwageri	35	34.8	1.3		P1-3	
1	29	5	163	-24	Artocarpus lanceifolius	14	15.6	1.3			
1	30	10.5	155	-30	Shorea parvifolia	15	19.2	1.3			
1	31	16.5	155	-33	Macaranga gigantea	19	23.1	1.3			
1	32	13.6	169	-42	Shorea macrophylla	19	22.1	1.3			
1	33	2.4	188	-17	Shorea xanthophylla	29	31	1.3			
1	34	6.5	213	-29	Glochidion rubrum	17	20.3	1.3			
1	35	17.5	201	-30	Artocarpus odoratissimus	28	28.6	1.3			
1	36	19.8	208	-30	Shorea macrophylla	24	25.2	1.3			
1	37	7.5	241	-25	Dehaasia firma	40	40.5	1.3			
1	38	8.4	245	-18	Dryobalanops lanceolata	76	77	1.3		P1-4	
1	39	9	245	-18	Shorea gibbosa	86	87.2	1.3			
1	40	10.1	240	-24	Knema laurina	19	18.1	1.3			
1	41	10.7	240	-24	Shorea macrophylla	20	23	1.3			
1	42	11.8	240	-24	Knema latericia	13	12.4	1.3			
1	43	12.5	240	-24	Vatica albiramis	20	18.7	1.3			
1	44	18	240	-24	Vatica albiramis	15	14.7	1.3			
1	45	12.7	257	-23	Dacryodes cf. rubiginosa	27	27.7	1.3			
1	46	19.9	253	-25	Vatica albiramis	21	21.2	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
1	47	20.5	259	-26	Dialium kunstleri var. trifolia	20	20.7	1.3			
1	48	11.3	276	-24	Vatica albiramis	25	24.9	1.3			
1	49	10.3	285	-30	Vatica albiramis	15	15.8	1.3			
1	50	12.1	295	-33	Gluta wallichii	60	62	1.3			
1	51	16.4	295	-35	Knema latifolia	26	26.5	1.3			
1	52	22	296	-37	Diospyros mindanaensis	14.4	15	1.3			
1	53	5.7	305	-20	Dryobalanops lanceolata	88	86.7	1.3		P1-5	
1	54	8	310	-28	Dacryodes	18	19.1	1.3			
1	55	14.4	311	-35	Madhuca kingiana	15	15.7	1.3			
1	56	14.3	311	-35	Dacryodes	16	15.2	1.3			
1	57	18.4	329	-35	Macaranga pearsonii	27	27.8	1.3			
1	58	18.4	329	-37	Aporosa nigrescen	20	19.5	1.3			
1	59	13.6	334	-32	Shorea macroptera	13	13.8	1.3			
1	60	18.9	336	-32	Shorea macroptera	19	20.2	1.3			
1	61	18.5	336	-32	Dryobalanops lanceolata	15	15.9	1.3			
1	62	6.7	340	-28	Knema furfuracea	25	25.8	1.3			
1	63	11.6	352	-33	Vatica dulitensis	19	19.6	1.3			
1	64	14.4	10	-35	Xanthophyllum flavescen	15	14.2	1.3			
1	65	16.9	10	-35	Pterygota horsfieldii	25	24.5	1.3			
1	66	17.4	9	-29	Shorea macroptera	14	13.9	1.3			
1	67	6.3	26	-19	Shorea xanthophylla	18	19	1.3			
1	68	10.1	30	-18	Xanthophyllum	26		1.3		Dead	
1	69	16.2	29	-30	Heritiera sumatrana	25	25.3	1.3			
1	70	13.15	297	-32	Vatica albiramis	16.6	16.9	1.3			
1	71	17.29	294	-34	Vatica albiramis	16.3	16.5	1.3			
1	72	4.87	307	-23	Vatica dulitensis	18	18.1	1.3			
1	73	6.66	57	-9	Vatica albiramis	14	14.3	1.3			
1	74	13.31	128	-22	Lithocarpus	13.1	14.08	1.3			
1	75	14.56	126	-22	Kayea borneensis	12.2	12.3	1.3			
1	76	8.34	325		Shorea ferruginea		10.4				
1	77	11.11	335		Gluta wallichii		12				
1	78	14.49	330		Gluta wallichii		14				
1	79	13.22	341		Macaranga gigantea		10.2				
1	80	14.13	12.3		Ardisia macrophylla		11.1				
1	81	10.28	14		Alangium javanicum		12				
1	82	15	46.3		Artocarpus kemando		16.9				
1	83	6.92	60.2		Artocarpus lanceifolius		10.8				
1	84	10.77	140		Lithocarpus canfleyanus		11.6				
1	85	11.46	161		Shorea parvifolia		11.8				
1	86	1.2	87.7		Vatica albiramis		10.5				
1	87	1.58	152		Lithocarpus beccarianus		11.9				
2	1	8.2	360	-12	Dipterocarpus palembanicus	105.5	107	1.56			
2	2	15	360	-18	Lophopetalum	20	20	1.3		P2-1	
2	3	11.5	25	-12	Syzygium cf. perigrinum	10.4	13.9	1.3			
2	4	17	35	-20	Xanthophyllum	10.4	14.7	1.3			

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2	5	15.4	40	-22	Xanthophyllum	10.2	11.4	1.3			
2	6	10.3	55	-10	Shorea havilandii	50.6	56.2	2.2			
2	7	3.8	40	0	Hopea beccariana	10.8	19.4	1.3			
2	8	5.5	60	2	Diospyros cf. ridleyi	60	65	1.3		P2-2	Perapang
2	9	10	60	-2	Hopea beccariana	20	21.7	1.3			
2	10	12.8	60	-5	Lophopetalum	50.2	52	1.3			
2	11	16.4	62	-7	Ochanostachys amentacea	20.6	26.1	1.3			
2	12	10.4	75	-1	Drypetes eriocarpa	10.2	11.1	1.3			
2	13	16	75	-3	Shorea macroptera	10.6	17.8	1.3			
2	14	13.8	77	0	Scaphium macropodum	10.5	14.2	1.3			
2	15	8	90	14	Madhuca kingiana	20.2	22.6	1.3			
2	16	15.5	88	5	Vatica albiramis	14	13.9	1.3			
2	17	19	94	7	Omitted	17	17.2	1.3		Tree is located outside of the plot	
2	18	18.1	100	10	Shorea macroptera	86	86.9	1.98		P2-3	
2	19	12	110	10	Shorea agami	13	13.1	1.3			
2	20	15.9	110	13	Hopea beccariana	12	11.6	1.3			
2	21	15.4	120	13	Xanthophyllum	12.2	15.6	1.3			
2	22	9	125	17	Diospyros	28	12	1.3			
2	23	7.9	125	17	Vatica albiramis	14	24.9	1.3			
2	24	10.3	125	18	Shorea macroptera	16	34.3	1.3			
2	25	12.6	128	15	Shorea agami	11.5	37	1.5			
2	26	17.3	130	10	Shorea agami	24.2	31	1.3			
2	27	6.2	140	20	Vatica oblongifolia	35	90	2.4			
2	28	10.6	140	16	Hopea beccariana	39	94.6	1.8			
2	29	13.7	140	15	Syzygium	30	31	1.8			
2	30	19.4	148	18	Dipterocarpus palembanicus	90	90	1.3		P2-4	Perapang
2	31	11.6	160	13	Canarium denticulatum	93.6	94.6	3.3			
2	32	12.8	155	15	Canarium denticulatum	15	15	1.3			
2	33	15.3	154	15	Shorea agami	10	10.2	1.3			
2	34	17.8	154	14	Lithocarpus sericobalanus	13	13.9	1.3			
2	35	14.6	154	14	Hydnocarpus woodii	14	14.9	1.3			
2	36	15.2	154	14	Dipterocarpus palembanicus	12	12	1.3			
2	37	17.7	170	5	Shorea pilosa	74	103.7	1.3			
2	38	4.5	175	13	Vatica albiramis	14	14.2	1.3			
2	39	11.1	174	9	Vatica chartacea	11	11.5	1.3			
2	40	7.7	180	8	Vatica oblongifolia	13	13.2	1.3			
2	41	14.8	180	3	Hopea	21	21.4	1.3			
2	42	1.7	202	5	Mezzetia cf. leptopoda	15	18.5	1.3			
2	43	15.9	190	-3	Vatica chartacea	38	36.6	1.3			
2	44	19.5	192	-5	Omitted	44	33.4	1.3		Tree is located outside of the plot	
2	45	17.43	203	-8	Vatica chartacea	13	11.8	1.3			
2	46	9.9	220	-4	Lophopetalum	46		1.3			Dead
2	47	11.9	216	-10	Shorea macroptera	12	13.3	1.3			

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2	48	18	216	-13	Omitted	34		1.3		Tree is located outside of the plot	Dead
2	49	15.2	225	-12	Sarcotheca diversifolia	17	17.7	1.3			
2	50	6.1	240	-15	Hopea beccariana	15	15.2	1.3			
2	51	8	270	-22	Shorea beccariana	82	83.8	1.3		P2-5	
2	52	8.7	290	-25	Vatica albiramis	14.2	14.5	1.3			
2	53	13.6	290	-22	Dehaasia	64	63.8	1.3			
2	54	10.4	305	-22	Canarium apertum	34	33.1	1.3			
2	55	17.8	285	-26	Baccaurea macrocarpa	15	15.5	1.3			
2	56	19.4	283	-22	Hydnocarpus woodii	54	68	1.3			
2	57	17.3	290	-23	Scaphium macropodum	32	32	1.3			
2	58	19	290	-26	Baccaurea macrocarpa	21	19.9	1.3			
2	59	19.5	312	-20	Omitted	69		1.3		Tree is located outside of the plot	
2	60	19.7	310	-20	Myristica villosa	10.5	10.9	1.3			
2	61	12.1	315	-19	Teijsmanniodendron	31.5	37.5	2.7			
2	62	13.6	320	-20	Lophopetalum	13.5	13.4	1.3			
2	63	20	330	-10	Omitted	13		1.3		Tree is located outside of the plot	
2	64	7.7	330	-20	Hopea beccariana	12	11.5	1.3			
2	65	8.7	336	-18	Gluta wallichii	23.2	24.7	1.3			
2	66	9.4	345	-15	Hopea beccariana	11	11.8	1.3			
2	67	14.2	345	-15	Hopea beccariana	20.2	21.9	1.3			
2	68	17.4	345	-14	Shorea beccariana	77	77	1.3			
2	69	7	355	-18	Horsfieldia polyspherula	12.2	13.1	1.3			
2	70	7	350	-15	Vatica oblongifolia	11	10.9	1.3			
2	71	21.93	27	-24	Lophopetalum	11.2	11.8	1.3			
2	72	15.75	46	13	Fordia splendidissima	10.3	10.3	1.3			
2	73	10.76	180	5	Dehaasia membranacea	11.3	11.1	1.3			
2	74	10.2	92	8	Madhuca kingiana	10.2	11	1.3			
2	75	5.5	198		Vatica chartacea		11.6				
2	76	8.1	334		Hopea beccariana		10.5				
3	1	2.6	34	-25	Sterculia stipulata	12	12	1.3			
3	2	6.4	50	-35	Teijsmanniodendron simplicifolium	14	14.3	1.3			
3	3	12.8	48	-41	Dryobalanops keithii	40	41.5	1.3		P3-1	
3	4	10	70	38	Dipterocarpus caudiferus	13	12.9	1.3			
3	5	11.9	80	-42	Eusideroxylon zwageri	27	27.3	1.3			
3	6	18.3	81	-36	Parashorea malaanonan	57	65.8	1.3		P3-2	
3	7	23.1	75	-41	Shorea symingtonii	12	11.8	1.3			
3	8	26	76	-48	Macaranga indistincta	12		1.3			Dead
3	9	22	85	-40	Dryobalanops keithii	14	14.5	1.3			
3	10	17.2	106	-45	Neonauclea artocarpoides	15	15.7	1.3			
3	11	13.2	86	-43	Ochanostachys amentacea	15	14.9	1.3			
3	12	13.2	97	-41	Parashorea tomentella	32	36	1.3			
3	13	10.3	102	-43	Shorea ovalis	15	17.4	1.3			
3	14	9.6	88	-34	Dipterocarpus caudiferus	11	13	1.3			

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3	15	5.1	91	-35	Dimocarpus longan	26	27.1	1.3			
3	16	7.5	140	-44	Shorea macrophylla	94	102.8	1.3			
3	17	13.8	116	-55	Teijsmanniodendron	13	13	1.3		P3-3	
3	18	18.3	115	-60	Dryobalanops keithii	47	47	1.3			
3	19	21.3	122	-65	Dryobalanops keithii	22	24.5	1.3			
3	20	13.5	155	-60	Sterculia macrophylla	20	22.5	1.3			
3	21	9.2	170	-46	Dryobalanops keithii	21	21.1	1.3			
3	22	9.4	184	-45	Dacryodes rugosa	22	19.5	1.3			
3	23	12.6	169	-50	Artocarpus elasticus	45	53.1	1.3			
3	24a	25.4	145	-55	Lithocarpus leptogyne	35	35.9	1.3		Cabang 'A'	
3	24b	25.4	145	-55	Lithocarpus leptogyne	17	18.1	1.3		Cabang 'B'	
3	25	25	160	-56	Shorea macrophylla	69	67.1	1.3		P3-4	
3	26	18	165	-37	Shorea ferruginea	82		1.3		P3-5	Dead/Broken
3	27	16.2	173	-43	Polyalthia sumatrana	18	12.9	1.3			
3	28	15	196	-40	Dryobalanops keithii	18	20.9	1.3			
3	29	14.2	198	-32	Parashorea tomentella	11	12	1.3			
3	30	12.3	196	-35	Macaranga hypoleuca	20		1.3			Dead
3	31	2.3	205	-11	Madhuca multinervia	15	14.8	1.3			
3	32	2.7	259	11	Dipterocarpus caudiferus	18	21.1	1.3			
3	33	6.4	225	9	Macaranga hypoleuca	19		1.3			Dead
3	34	7.4	260	10	Aporosa acuminatissima	11	11.5	1.3			
3	35	11.6	250	10	Diospyros macrophylla	22	26.2	1.3			
3	36	15.2	243	15	Shorea macrophylla	89	72	1.3			Perapang
3	37	12.3	219	-10	Macaranga hypoleuca	12	13.4	1.3			
3	38	15	222	-12	Macaranga hypoleuca	16	16.3	1.3			
3	39	19	260	15	Dryobalanops keithii	15	18.3	1.3			
3	40	14	280	5	Parashorea tomentella	67	76.2	1.3			
3	41	4.4	295	0	Dead	19		1.3			Dead
3	42	6.2	322	-20	Macaranga hypoleuca	19		1.3			Dead
3	43	12.2	315	-11	Knema latifolia	12	13.1	1.3			
3	44	15.8	294	-10	Aglaia edulis	12	15.5	1.3			
3	45	17	315	-20	Aporosa frutescens	15	15.2	1.3			
3	46	16	315	-20	Sympentalandra unijuga	19	21	1.3			
3	47	3.3	7	-20	Dimocarpus longan	39	37.7	1.3			
3	48	6.5	15	-35	Dryobalanops keithii	15	21.9	1.3			
3	49	9.7	30	-40	Dryobalanops keithii	29	31.5	1.3			
3	50	15.6	25	-55	Palaquium dasyphyllum	10	11.2	1.3			
3	51	18	39	-50	Dryobalanops keithii	17	18.1	1.3			
3	52	19	55	-40	Shorea johorensis	105	88	3			
3	53	15.6	245		Knema latifolia		10.2				
3	54	8.12	1.22		Baccaurea tetrandra		10.6				
3	55	6.59	87.9		Palaquium calophyllum		10.4				
3	56	6.37	159		Shorea macrophylla		14.5				
3	57	11.26	147		Shorea macrophylla		14.2				
3	58	15.08	139		Cephalomappa malloticarpa		11				
3	59	14.38	153		Mallotus molissimus		14.8				

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3	60	16.81	168		Macaranga hypoleuca		21.7				
3	61	10.39	182		Dendrocnide elliptica		12.8				
4	1	6.1	1	0	Nauclea subdita	19	20.6	1.3			
4	2	10.1	5	0	Neonauclea artocarpoides	26	31	1.3			
4	3	12.7	0	0	Alstonia angutiloba	18	20.9	1.3			
4	4	15.5	2	0	Neonauclea artocarpoides	16	18.6	1.3			
4	5	16.6	8	0	Neonauclea artocarpoides	11	11.6	1.3			
4	6	15.2	23	0	Neonauclea artocarpoides	22	27.1	1.3			
4	7	14.5	26	0	Glochidion rubrum	12	12.4	1.3			
4	8	19.3	27	0	Alstonia	25	28.2	1.3			
4	9	9.7	22	0	Nauclea subdita	10	11.6	1.3			
4	10	6.9	22	0	Ludekia borneensis	16	20.1	1.3			
4	11	1.6	4	0	Nauclea subdita	11	12.6	1.3			
4	12	4.8	40	0	Duabanga mollucana	56	57.6	1.3			
4	13	6.9	42	0	Nauclea subdita	10	12.3	1.3			
4	14	9.3	39	0	Alstonia	12	14.3	1.3			
4	15	10.4	48	0	Neolamarckia cadamba	40	40.8	1.3		P.4-1	
4	16	13.1	42	0	Neonauclea artocarpoides	17	20.6	1.3			
4	17	16.4	57	0	Neonauclea artocarpoides	13	18.3	1.3			
4	18	18.5	68	0	Neonauclea artocarpoides	22	25.9	1.3			
4	19	9.1	85	0	Duabanga mollucana	33	38.7	1.3			
4	20	18.8	93	0	Elmerillia mollis	24	23.7	1.3			
4	21	18.6	98	0	Elmerillia mollis	20	20.4	1.3			
4	22	18.4	98	0	Neonauclea artocarpoides	22	28.5	1.3			
4	23	5.1	101	0	Duabanga mollucana	17	18.1	1.3			
4	24	7.1	100	0	Nauclea subdita	17	21.1	1.3			
4	25	4.5	160	0	Octomeles sumatrana	44	47.6	1.3		P.4-2	
4	26	8.7	122	0	Duabanga mollucana	49	52.7	1.3			
4	27	7.4	136	0	Duabanga mollucana	48	52.8	1.3		P.4-3	
4	28	12	133	0	Alstonia	28	15.2	1.3			
4	29	15.4	120	0	Norrisia major	11	12.3	1.3			
4	30	16.7	131	0	Duabanga mollucana	43	48	1.3			
4	31	13.3	137	0	Duabanga mollucana	47	52.6	1.3			
4	32a	9.1	145	0	Neonauclea artocarpoides	28	31.4	1.3		Cabang 'A'	
4	32b	9.1	145	0	Neonauclea artocarpoides	13	16.8	1.3		Cabang 'B'	
4	33	6	171	0	Neonauclea artocarpoides	12	15.1	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
4	34	6.3	187	0	Chisocheton macranthus	12	14.3	1.3			
4	35	15.9	179	0	Nauclea subdita	29	30.9	1.3			
4	36	8.9	227	0	Ludekia borneensis	12	16.4	1.3			
4	37	10.4	215	0	Nauclea subdita	12	16	1.3			
4	38	17.1	198	0	Sterculia macrophylla	16	17.5	1.3			
4	39	16.5	222	0	Ludekia borneensis	11	17.4	1.3			
4	40	18.6	218	0	Terminalia phellocarpa	14	16.4	1.3			
4	41	13.2	242	0	Ludekia borneensis	21	25	1.3			
4	42	16.9	241	0	Terminalia subspathulata	33	46.2	1.3			
4	43	19.1	262	0	Neoscortechinia micobarica	54	53.1	1.3			
4	44	19.5	262	0	Barringtonia	18	20.2	1.3			
4	45	19.1	268	0	Ficus variegata	16	19.4	1.3			
4	46	16	278	0	Nauclea subdita	25	29.4	1.3			
4	47	17	284	0	Nauclea subdita	13	14.1	1.3			
4	48	4.3	308	0	Neonauclea artocarpoides	13	15.7	1.3			
4	49	9.5	290	0	Nauclea subdita	13	14.3	1.3			
4	50	10.1	292	0	Duabanga mollucana	50	53.3	1.3		P.4-4	
4	51	13.5	299	0	Nauclea subdita	16	19.2	1.3			
4	52	14.9	296	0	Nauclea subdita	16	17.5	1.3			
4	53	9.8	309	0	Nauclea subdita	56	65.3	1.3		P.4-5	
4	54	12.5	313	0	Duabanga mollucana	23	22.2	1.3			
4	55	15.8	305	0	Nauclea subdita	19	22	1.3			
4	56	15.8	316	0	Nauclea subdita	18	22.3	1.3			
4	57	6	345	0	Ludekia borneensis	12	14.6	1.3			
4	58	9.4	341	0	Neonauclea artocarpoides	11	13.8	1.3			
4	59	10.7	330	0	Neonauclea artocarpoides	11	12.9	1.3			
4	60	12.3	335	0	Neonauclea artocarpoides	14	14.4	1.3			
4	61	14.5	330	0	Nauclea subdita	14	15.5	1.3			
4	62	14.5	335	0	Duabanga mollucana	34	38.5	1.3			
4	63	16.7	345	0	Terminalia phellocarpa	10	12.5	1.3			
4	64	19.4	325	0	Duabanga mollucana	24	30.5	1.3			
4	65	4.38	227		Neonauclea artocarpoides		11.5				
4	66	12.44	185		Ludekia borneensis		12				
4	67	18.2	224		Macaranga cf. grandibracteota		12				
4	68	17.74	253		Norrisia major		10.7				
4	69	15.29	269		Macaranga pearsonii		17.8				
4	70	11.22	271		Ludekia borneensis		13.3				
4	71	11.8	295		Terminalia citrina		10				
4	72	15.14	316		Litsea garcia		15.8				
4	73	8.61	311		Nauclea subdita		10.7				

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
4	74	3.05	58		Ludekia borneensis		10				
4	75	3.82	83.6		Ludekia borneensis		10.8				
4	76	11.74	42.8		Ludekia borneensis		12.4				
4	77	14.39	54.2		Neonauclea artocarpoides		18.5				Pokok tumbang
4	78	8.22	115		Ludekia borneensis		10.9				
4	79	9.64	99.3		Neonauclea artocarpoides		14.03				
4	80	11.63	92.8		Nauclea subdita		11.5				
4	81	17.91	132		Nauclea subdita		11				
4	82	11.68	136		Nauclea subdita		11.2				
5	1	1.5	10	0	Shorea symingtonii	21	24.4	1.3		P.5-1	
5	2	5.5	7	-19	Dacryodes rostrata	10	12.3	1.3			
5	3	11.1	3	-15	Macaranga pearsonii	62	61.3	1.3			
5	4	14.7	12	-17	Endospermum peltatum	45	48.7	1.3			
5	5	16.1	12	-17	Parashorea tomentella	19	20.8	1.3			
5	6	13.9	22	-15	Dendrocnide elliptica	15	15.2	1.3			
5	7	15	25	-15	Parashorea tomentella	11	14.8	1.3			
5	8	18	28	-11	Macaranga pearsonii	39	38.8	1.3			
5	9	18.5	30	-9	Macaranga pearsonii	70	69	1.3		P.5-2	
5	10	7.4	46	0	Madhuca multinervia	16	18.6	1.3			
5	11	11.2	42	0	Shorea johorensis	15	17.7	1.3			
5	12	12.6	47	0	Spathiostemon javensis	13	14.3	1.3			
5	13	17.4	49	0	Shorea johorensis	22	28.7	1.3			
5	14	17.1	60	10	Macaranga pearsonii	62	63.2	1.3			
5	15	14.2	60	10	Ptychopyxis bacciformis	14	15.4	1.3			
5	16	3.8	65	-3	Castanopsis hypophoenicea	13	14.3	1.3			
5	17	7.5	98	9	Macaranga pearsonii	34	34.3	1.3		P.5-3	
5	18	10.3	98	9	Parashorea tomentella	15	19	1.3			
5	19	18.1	84	10	Dendrocnide elliptica	14	16.9	1.3			
5	20	17.7	100	10	Macaranga pearsonii	60	59.9	1.3			
5	21	13.3	119	13	Parashorea tomentella	13	29.4	1.3			
5	22	11.6	119	11	Dryobalanops lanceolata	12	16	1.3			
5	23	11.3	119	13	Macaranga pearsonii	58	58.6	1.3		P.5-4	
5	24	7.5	124	15	Macaranga pearsonii	45	45.4	1.3		P.5-5	
5	25	8.8	139	13	Macaranga pearsonii	19	19.2	1.3			
5	26	4.6	148	15	Macaranga pearsonii	33	32.7	1.3			
5	27	4.3	159	13	Shorea johorensis	16	20.5	1.3			
5	28	4	202	0	Parashorea tomentella	14	15.2	1.3			
5	29	4.5	191	6	Macaranga pearsonii	49	48	1.3			
5	30	4.6	180	1	Macaranga pearsonii	24	24.4	1.3			
5	31	2.5	169	2	Knema laurina	18	17.8	1.3			
5	32	5.1	169	2	Canarium sp.	19	19.4	1.3			
5	33	6.6	160	4	Macaranga pearsonii	41	40.4	1.3			
5	34	16.4	160	4	Macaranga pearsonii	34	34.5	1.3			
5	35	17.5	178	3	Macaranga pearsonii	58	58.3	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
5	36	15.2	169	3	Macaranga pearsonii	55	53.4	1.3			
5	37	18.7	173	0	Macaranga pearsonii	52	50.8	1.3			
5	38	18.2	173	1	Parashorea tomentella	27	33.4	1.3			
5	39	18.6	173	0	Macaranga pearsonii	19	19.2	1.3			
5	40	16.4	182	4	Parashorea malaanonan	13	17.2	1.3			
5	41	16	197	6	Macaranga pearsonii	46	45.9	1.3			
5	42	11.2	229	-10	Parashorea tomentella	13	20.9	1.3			
5	43	16.4	239	-8	Macaranga pearsonii	43	42.2	1.3			
5	44	16	241	-9	Macaranga pearsonii	16	19.3	1.3			
5	45	16.7	240	-4	Macaranga pearsonii	23	23.3	1.3			
5	46	16.9	240	-4	Dryobalanops lanceolata	12	14.6	1.3			
5	47	14.7	248	-13	Parashorea tomentella	18	23	1.3			
5	48	18	245	-15	Macaranga conifera	13	12.5	1.3			
5	49	18.8	245	-16	Parashorea tomentella	15	16.8	1.3			
5	50	18.3	255	-14	Parashorea tomentella	14	17.1	1.3			
5	51	18.7	276	-14	Callicarpa pentandra	19		1.3			Not found
5	52	5.4	295	-19	Shorea johorensis	33	38.1	1.3			
5	53	14.6	305	-15	Macaranga pearsonii	57		1.3			Dead
5	54	17.2	325	-13	Macaranga pearsonii	41		1.3			Dead
5	55	7.5	341	-23	Barringtonia curranii	13	15.7	1.3			
5	56	6.1	344	-21	Alangium javanicum	14	14	1.3			
5	57	9.2	355	-23	Macaranga pearsonii	33	34.6	1.3			
5	58	11.8	355	-23	Macaranga pearsonii	39	29	1.3			
5	59	12.4	359	-20	Parashorea tomentella	24	28.8	1.3			
5	60	3.6	159	13	Macaranga pearsonii	60	60.4	1.3			
5	61	16.03	185		Parashorea tomentella		10.6				
5	62	13.59	199		Brownlowia peltata		10.5				
5	63	9.18	233		Garcinia gaudichaudi		10.2				
5	64	14.47	227		Shorea johorensis		10.5				
5	65	14.72	266		Paranephelium joannes		11.9				
5	66	12.09	277		Mallotus korthalsii		11.4				
5	67	7.37	338		Baccaurea macrocarpa		12.2				
5	68	14.19	326		Ludekia borneensis		10.5				
5	69	13.32	1.7		Syzygium tawahense		12.3				
5	70	15.74	57.8		Parashorea tomentella		11.7				
5	71	5.65	124		Dendrocnide elliptica		12.3				
5	72	6.3	122		Parashorea tomentella		11.5				
5	73	7.66	126		Polyalthia rumphii		10.8				
5	74	2.62	101		Aglaia rufinervis		10.8				
6	1	0.8	70	0	Callicarpa pentandra	18	22.5	1.3			
6	2	7.7	29	-15	Neolamarckia cadamba	17	17.2	1.3			
6	3	15.8	30	-20	Neolamarckia cadamba	19	19.1	1.3			
6	4	17.1	31	-20	Neolamarckia cadamba	21	24.5	1.3			
6	5	12.8	65	-22	Octomeles sumatrana	29	33.9	1.3			
6	6	11	70	-10	Callicarpa pentandra	24	26.2	1.3			
6	7	9.4	75	-9	Barringtonia curranii	11	12.4	1.3			
6	8	7.2	105	5	Parashorea malaanonan	33	34.6	1.3		P.6-4	

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
6	9	11.8	95	0	Terminalia citrina	10	10.1	1.3			
6	10	14	100	3	Litsea acceden	20	21.1	1.3			
6	11	16.5	100	4	Parashorea tomentella	33	42.3	1.3			
6	12	13.7	115	10	Shorea johorensis	61	68.6	1.3		P.6-5	
6	13	10.1	113	5	Dryobalanops lanceolata	11	12.8	1.3			
6	14	13.6	141	10	Parashorea tomentella	18	20.1	1.3			
6	15a	1.4	162	0	Callicarpa pentandra	19	21.1	1.3		Cabang 'A'	
6	15b	1.4	162	0	Callicarpa pentandra	10	10.6	1.3		Cabang 'B'	
6	16	15.1	116	0	Shorea fallax	27	27.1	1.3			Fallen
6	17	12.5	210	-10	Nephelium ramboutanake	17	15.8	1.3			
6	18	6.4	191	-18	Symplocos fasciculata	18	18.1	1.3			
6	19	18.1	191	0	Enicosanthum paradoxum	17	16.4	1.3			
6	20	10.3	218	-13	Callicarpa pentandra	23	25.9	1.3			
6	21	9.6	244	-14	Cananga odorata	18	19.9	1.3			
6	22	12.9	227	-10	Callicarpa pentandra	17	22.5	1.3			
6	23	18.8	229	-2	Melicope confusa	23	25.6	1.3			
6	24	15.7	254	-10	Macaranga pearsonii	26	30	1.3			
6	25	5.6	281	-15	Shorea fallax	60	63.3	1.3		P.6-1	
6	26	13.8	281	-13	Nephelium ramboutanake	29	28.1	1.3			
6	27	10.1	299	-7	Lithocarpus cf. gracilis	52	59.3	1.3		P.6-2	
6	28	12.7	301	-8	Dipterocarpus caudiferus	52	54.9	1.3		P.6-3	
6	29	12.3	301	-7	Madhuca multinervia	13	13	1.3			
6	30	9.1	300	-5	Knema laurina	17	17.2	1.3			
6	31	13.5	333	-8	Macaranga gigantea	27	30	1.3			
6	32	12.9	349	-38	Ilex cissoidea	29	36.5	1.3			
6	33	11.4	359	-10	Callicarpa pentandra	14	17	1.3			
6	34	5.75	188		Callicarpa pentandra		10				
6	35	13.81	238		Dendrocnide elliptica		10.2				
6	36	18.11	263		Parashorea tomentella		14				
6	37	11.88	44.5		Symplocos fasciculata		12.5				
6	38	12.73	69.9		Symplocos fasciculata		10				
6	39	16.16	64.2		Symplocos fasciculata		15.5				
7	1	3.3	330	-10	Parashorea tomentella	29	30.8	1.3			
7	2	7.7	350	-25	Hopea ferruginea	18	20.3	1.3			
7	3	10.5	355	-27	Neolamarckia cadamba	51	51.5	1.3			
7	4	12	5	-27	Lithocarpus hallieri	43	46.2	1.3		P.7-1	
7	5	20	10	-33	Dryobalanops lanceolata	12	13.4	1.3			
7	6	20	10	-23	Dryobalanops lanceolata	12	12.9	1.3			
7	7	16	27	-19	Callicarpa	12	11.8	1.3			
7	8	14.1	30	-12	Syzygium	18	19	1.3			
7	9	5	65	8	Dryobalanops lanceolata	30	31.8	1.3			
7	10	9	55	-4	Dipterocarpus caudiferus	11	11.7	1.3			
7	11	10.6	65	0	Litsea acceden	16		1.3			Dead
7	12	16	65	1	Lithocarpus gracilis	13	17.3	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
7	13	20	65	0	Lithocarpus gracilis	19	29.7	1.3			
7	14	13.7	85	9	Hopea ferruginea	20	23.7	1.3			
7	15	13	100	10	Hopea ferruginea	16	17.5	1.3			
7	16	16	110	11	Baccaurea bracteata	33		1.3			Dead
7	17	11.9	110	15	Shorea johorensis	88	94.7	1.3	P.7-2		
7	18	15.3	120	17	Artocarpus anisophyllus	32	31.5	1.3			
7	19	19	115	16	Bridelia insulana	13	16.2	1.3			
7	20	20	120	16	Bridelia	14	16	1.3			
7	21	13.5	140	23	Dryobalanops lanceolata	14	15.2	1.3			
7	22	9.2	140	25	Vatica umbonata	14	15.7	1.3			
7	23	10	160	26	Ptychopyxis bacciformis	14	15.4	1.3			
7	24	13.8	165	28	Vatica umbonata	12	12.9	1.3			
7	25	19	165	30	Endospermum peltatum	56	60.5	1.3			
7	26	6.6	170	24	Parashorea tomentella	38	43.1	1.3			
7	27	6.4	195	18	Dryobalanops lanceolata	11	11.5	1.3			
7	28	13.6	180	28	Hopea ferruginea	18	21.3	1.3			
7	29	20.3	180	27	Hopea ferruginea	13	13	1.3			
7	30	19	195	17	Diospyros korthalsiana	30	30.9	1.3			
7	31	16.8	198	28	Shorea pauciflora	23	23.4	1.3			
7	32	16.3	206	18	Dacryodes sp.	10	11.5	1.3			
7	33	10	203	25	Callicarpa plumosa	17		1.3			Dead
7	34	4.7	247	0	Callicarpa plumosa	13	13.9	1.3			
7	35	11.5	234	13	Neolamarckia cadamba	39	41.4	1.3	P.7-3		
7	36	11	240	16	Dillenia borneensis	23	27.5	1.3			
7	37	14	239	12	Bridelia	27		1.3			Dead
7	38	15	263	-8	Artocarpus lanceifolius	18	18.4	1.3			
7	39	11	260	-6	Cratoxylum sumatranum	13	15	1.3			
7	40	9	284	-18	Endospermum peltatum	36	38.3	1.3			
7	41	12	286	-19	Parashorea tomentella	45	46.3	1.3	P.7-4		
7	42	14	313	-31	Neolamarckia cadamba	44	45.2	1.3			
7	43	21	301	-34	Mallotus penangensis	23	22.7	1.3			
7	44	21	302	-35	Saraca declinata	15	15.4	1.3			
7	45	12.5	339	-35	Parashorea malaanonan	39	34.2	1.3	P.7-5		
7	46	13.5	341	-36	Parashorea malaanonan	18	20.4	1.3			
7	47	15	341	-35	Dryobalanops lanceolata	17	19	1.3			
7	48	15	348	-33	Endospermum peltatum	47	49.1	1.3			
7	49	15.56	162	-24	Polyalthia hookeriana	12.1	13	1.3			
7	50	16.49	350	-19	Callicarpa	14.3	14.5	1.3			
7	51	12.36	320		Sindora irpicina		10.5				
7	52	11.69	21.8		Hopea ferruginea		10.3				
8	1	2.7	15	-20	Aglaia rufinervis	13.5	13.2	1.3			
8	2	4	10	-18	Aglaia rufinervis	11.3	13.1	1.3			
8	3	8.5	15	-21	Crypteronia griffithii	21	24.3	1.3			
8	4	12.4	5	-12	DEAD	16		1.3	DEAD		
8	5	14.1	5	-15	Syzygium perigrinum	13	13.3	1.3			
8	6	18.4	5	-14	Pentace laxiflora	12	15.8	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
8	7	18.6	5	-14	Xanthophyllum cf. ellipticum	19		1.3		Tree is located outside of the plot	
8	8	12.8	20	-17	Hydnocarpus woodii	54	53.1	1.3		P8-1	
8	9	15	20	-17	Madhuca kuchingensis	19	16.3	1.3			
8	10	17.3	20	-16	Drypetes subcubica	12	13.9	1.3			
8	11	12.5	35	-20	Xylopia elliptica	13	23.1	1.3			
8	12	18.7	40	-18	Macaranga gigantea	26		1.3		Tree is located outside of the plot	
8	13	18.7	40	-18	Endospermum diadenum	26		1.3		Tree is located outside of the plot	
8	14	17.9	40	-18	Macaranga pearsonii	23		1.3			Dead
8	15	13.6	45	20	Shorea scrobiculata	14	15.1	1.3			
8	16	2.2	40	-16	Litsea caulocarpa	18		1.3			Dead
8	17	8.3	70	-23	Vatica chartacea	17	18.4	1.3			
8	18	12.6	65	-20	Syzygium fastigiatum	60	67.2	1.3		P8-2	
8	19	15.5	55	-19	Syzygium havilandii	10	11.6	1.3			
8	20	19.4	50	-18	Macaranga pearsonii	27		1.3		Tree is located outside of the plot	
8	21	20.7	70	-18	Macaranga pearsonii	29		1.3		Tree is located outside of the plot	
8	22	17.8	75	-22	Shorea pilosa	12	16.5	1.3			
8	23	16	85	-20	Macaranga cf. triloba	12		1.3			Dead
8	24	18.4	85	-19	Lophopetalum beccarianum	21		1.3		Tree is located outside of the plot	
8	25	19.2	90	-17	Litsea caulocarpa	37		1.3		Tree is located outside of the plot	
8	26	1.3	225	18	Drypetes polyneura	23	24.5	1.3			
8	27	9.6	110	-15	Vatica chartacea	15	15.5	1.3			
8	28	12.5	115	-12	Ochanostachys amentacea	35	36.1	1.3			
8	29	18.9	120	-10	Pentace laxiflora	14		1.3		Tree is located outside of the plot	
8	30	13.5	130	-9	Shorea pauciflora	17	18.4	1.3			
8	31	12.5	130	-4	Gluta wallichii	29	29.2	1.3			
8	32	8.8	140	-3	Pentace laxiflora	59	61.5	1.3		P8-3	
8	33	9.4	145	-1	Artocarpus nitidus	14	14.8	1.3			
8	34	12.2	150	-1	Knema laurina	15	15.7	1.3			
8	35	14.5	155	-2	Karai	20	22.2	1.3			
8	36	6.2	175	13	Dehaasia firma	20	21.9	1.3			
8	37	3.5	210	20	Litsea artocarpifolia	18	17.9	1.3			
8	38	9.5	220	27	Dysoxylum	48		1.3		P8-4	Dead
8	39	16.1	190	25	Alangium javanicum	19	20	1.3			
8	40	20.1	205	32	Shorea macroptera	26	27.7	1.3			
8	41	21.7	215	35	Crypteronia griffithii	24	24.6	1.3			
8	42	18.7	225	35	Artocarpus lanceifolius	36	37.6	1.3			
8	43	14	245	32	Crypteronia griffithii	35	39.8	1.3		P8-5	
8	44	10	235	30	Beilschmiedia	16	21.6	1.3			
8	45	16.1	255	34	Lithocarpus beccarianus	29	33.5	1.3			
8	46	19	250	32	Dacryodes cf. rostrata	13	13.5	1.3			
8	47	3.5	285	6	Teijsmanniodendron	16	13.5	1.3			
8	48	20.1	260	31	Shorea parvifolia	35		1.3		Tree is located outside of the plot	

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
8	49	14.1	275	25	Macaranga hypoleuca	14	19	1.3			
8	50	18.8	285	18	Shorea beccariana	14		1.3		Tree is located outside of the plot	
8	51	13.7	290	16	Pentace laxiflora	12	15.5	1.3			
8	52	9	305	3	Palaquium cf. herveyi	11	12.3	1.3			
8	53	4.7	330	-5	Antidesma	12	11.8	1.3			
8	54	11.2	335	-6	Hydnocarpus woodii	14	17.7	1.3			
8	55	15.32	76	-23	Anisoptera costata	11.3	13.4	1.3			
8	56	18.55	92	-19	Barringtonia sarcostachys	10.8	10.7	1.3			
8	57	13.51	115	-14	Polyalthia sumatrana	11.5	11.3	1.3			
8	58	14.71	140	-5	Atuna racemosa subsp. racemosa	11.4	12	1.3			
8	59	12.13	190	19	Paracroton pendula	11.4	11.3	1.3		Broken top	
8	60	16.97	185	18	Ardisia macrophylla	12.2	12.1	1.3		Tilt	
8	61	12.32	200	21	Aporosa lunata	17.8	17.8	1.3		Broken top	
8	62	15.38	199	20	Syzygium perigrinum	12.5	13.2	1.3			
8	63	12.25	211	24	Syzygium perpuncticulata	21.8	21.7	1.3			
8	64	15.21	233	28	Ctenolophon parvifolius	13.5	14.7	1.3			
8	65	21.67	250	33	Macaranga glandibracteolata	11.3		1.3		Not found	
8	66	13.83	280	24	Vernonia arborea	19.2	24	1.3			
8	67	8.97	235	25	Crypteronia griffithii	18.8		1.3		Dead	
8	68	6.2	311	0	Syzygium perigrinum	11.8	11.8	1.3			
8	69	12.11	291	14	Canarium pilosum	11.3	12.7	1.3			
8	70	20.66	301	12	Macaranga pearsonii	13.8		1.3		Dead	
8	71	19.79	308	9	Pentace borneensis	11.8	12	1.3			
8	72	17.53	311	8	Syzygium sp 1	12.2	12.1	1.3			
8	73	20.16	356	-15	Aporosa falcifera	11	11.3	1.3			
8	74	6.46	177		Dacryodes rostrata		11.1				
8	75	13.39	247		Chisocheton medusae		10.2				
8	76	7.02	5.6		Aporosa acuminatissima		10				
8	77	14.26	17.8		Artocarpus lanceifolius		10.9				
8	78	15.85	110		Pentace laxiflora		10.5				
8	79	9.69	140		Pentace laxiflora		12.5				
8	80	7.35	148		Pentace laxiflora		11.2				
9	1	6.03	3	-14	Parashorea tomentella	11.9	10.7	1.3			
9	2	9.97	0	-13	Ochanostachys amentacea	34.5	34.8	1.3			
9	3	14.28	0	-11	Nephelium ramboutanake	49.6	49.6	1.3		Fluted stem	
9	4	16.04	358	-16	Syzygium sp.	11.6	11.4	1.3			
9	5	19.23	4	-16	Dryobalanops lanceolata	12.8		1.3			Dead
9	6	21.3	13	-18	Pyrenaria tawauensis	14.5	14.8	1.3			
9	7	17.09	36	-18	Canarium megalanthum	28.9	30.2	1.3			
9	8	14.93	46	-17	Planchonia vallida	28.7	28.8	1.3			
9	9	16.21	60	-14	Polyalthia hookeriana	26.5	28.3	1.3			
9	10	16.67	49	-13	Koilodepas longifolia	11.4	11.7	1.3			
9	11	15.41	71	-12	Koilodepas longifolia	15.4	15.7	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
9	12	12.94	77	-14	Scaphium macropodum	34.5	38.6	1.3			
9	13	5.78	67	-21	Polyalthia	40.2	40.4	1.3		P9-1	
9	14	10.19	96	-12	Shorea pauciflora	77	79	1.3			
9	15	11.35	101	-13	Cryptocarya ferrea var. ferrea	13.1	13	1.3			
9	16	18.34	94	-11	Koilodepas longifolia	16	16.1	1.3			
9	17	16.95	112	-11	Trigonistrium hypoleucum	19.3	19.8	1.3			
9	18	13.91	125	-9	Myristica iners	12	12.7	1.3			
9	19	17.88	125	-7	Shorea scrobiculata	33.8	36	1.3			
9	20	17.04	127	-8	Dipterocarpus applanatus	70	67	1.3			
9	21	7.07	123	-9	Calophyllum soulattri	30.7	32	1.3		P9-2	
9	22	5.79	150	0	Xanthophyllum	11.7	12	1.3			
9	23	11.43	147	-2	Koompassia excelsa	148	143	1.3		P9-3	Perapang
9	24	13.6	154	0	Aglaia	69	70	1.3			Perapang
9	25	14.13	165	2	Dryobalanops lanceolata	67	70	1.3			Perapang
9	26	18.44	151	-5	Gironniera subaequalis	24.6	25	1.3			
9	27	19	182	3	Syzygium cf. elopurae	13.5	13.4	1.3			
9	28	9.87	175	5	Shorea multiflora	25	25.3	1.3			
9	29	14.88	205	12	Aglaia argentea	60.6	64	1.3			
9	30	17.11	207	13	Eusideroxylon zwageri	34.2	34.5	1.3			
9	31	20.43	228	16	Macaranga hypoleuca	25.2	27	1.3			
9	32	14.07	240	18	Xanthophyllum tenue	27	27.5	1.3			
9	33	10.07	234	18	Diospyros sp.	11.4		1.3			Dead
9	34	5.56	240	18	Blumeodendron kurzii	10.4	10.7	1.3			
9	35	5.13	244	18	Knema latericia	13.5	13.8	1.3			
9	36	5.22	267	17	Ptychopyxis bacciformis	26.6	27.2	1.3		P9-4	
9	37	9.34	252	18	Archidendron triplinervium	11	11	1.3			
9	38	5.89	302	5	Macaranga hypoleuca	14.6	15.5	1.3			
9	39	8.73	292	11	Shorea pauciflora	19.8	19.9	1.3			
9	40	11.56	281	11	Pentace laxiflora	12	13	1.3			
9	41	14.42	262	14	Alangium javanicum	10.3	11	1.3			
9	42	17.97	260	13	Shorea acuminatissima	32.3	32.2	1.3			
9	43	18.2	261	13	Diospyros foxworthyi	11.1	11.5	1.3			
9	44	19.21	275	12	Dryobalanops lanceolata	85	109	1.3			Perapang
9	45	17.14	300	4	Shorea multiflora	20.6	22.4	1.3			
9	46	15.52	299	3	Xanthophyllum	17.6	18.3	1.3			
9	47	13.06	301	7	Macaranga triloba	11.4	11.9	1.3			
9	48	8.1	326	-4	Diospyros foxworthyi	23	22.8	1.3			
9	49	11.64	327	-5	Dryobalanops lanceolata	67	79	1.3		P9-5	
9	50	10.98	320	-3	Xanthophyllum	16.4	16.9	1.3			
9	51	15.74	324	0	Ryparosa acuminata	43	50	1.3			Perapang
9	52	16.91	329	-3	Alangium javanicum	16	16.4	1.3			
9	53	18.69	330	-5	Parashorea malaanonan	66.8	60	1.3			
9	54	20.16	340	-8	Hopea cf. dryobalanoides	13.9	15	1.3			
9	55	19.45	342	-7	Cryptocarya	13.8	13.8	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
9	56	18.06	338	-8	Hydnocarpus borneensis	12.9	13.6	1.3			
9	57	13.01	340	-8	Palaquium dasyphyllum	10.7	10.8	1.3			
10	1	1.31	52	0	Dendrocnide elliptica	11.5	11.7	1.3			
10	2	5.06	5	-15	Pometia pinnata	61	70	1.3		P10-1	Perapang
10	3	9.69	27	-21	Caryodaphnopsis tokinensis	42	45	1.3		P10-2	Perapang
10	4	12.51	22	-22	Spathiostemon javensis	26	27.9	1.3			
10	5	13.9	29	-23	Dendrocnide elliptica	10.9	11.3	1.3			
10	6	18.46	19	-22	Litsea sessilis	30.5	32	1.3			
10	7	19.16	38	-23	Polyalthia rumphii	27	29	1.3			
10	8	15.87	53	-27	Chisocheton	26.9	27	1.3			
10	9	16.13	58	-26	Dendrocnide elliptica	16.2	17.9	1.3			
10	10	13.82	54	-28	Dehaasia paradoxa	14.2	14.5	1.3			
10	11	14.49	75	-26	Dendrocnide elliptica	13.7	16	1.3			
10	12	11.31	90	-27	Syzygium	31.9	32.7	1.3		P10-3	
10	13	9.88	95	-26	Chisocheton	10.4	11.7	1.3			
10	14	2.45	97	0	Dendrocnide elliptica	15.1	15.3	1.3			
10	15	8.04	150	-4	Pometia pinnata	36	36.3	1.3		P10-4	
10	16	10.33	150	-6	Caryodaphnopsis tokinensis	15.6	15.9	1.3			
10	17	17.1	125	-17	Spathiostemon javensis	16	16.1	1.3			
10	18	19.88	136	-13	Cleistanthus myrianthus	10.9	11.1	1.3			
10	19	16.52	135	-15	Terminalia citrina	15	15.2	1.3			
10	20	20.03	175	8	Spathiostemon javensis	31.7	31.9	1.3			
10	21	18.44	189	12	Macaranga hypoleuca	20.8	22.6	1.3			
10	22	12.8	173	7	Chisocheton	18	18.6	1.3			
10	23	6.32	174	9	Chisocheton	16	15.9	1.3			
10	24	9.78	208	20	Macaranga tanarius	40	42	1.3			
10	25	9.45	227	25	Macaranga tanarius	20.5	22.4	1.3			
10	26	14.8	220	28	Spathiostemon javensis	10.7	12.1	1.3			
10	27	13.81	224	29	Dendrocnide elliptica	12.3	12.7	1.3			
10	28	14.01	230	31	Pouteria sp.	16.5	19.5	1.3			
10	29	18.81	236	30	Dysoxylum alliaceum	10.5	11.1	1.3			
10	30	16.49	247	30	Dendrocnide elliptica	20.6	21	1.3			
10	31	14.8	261	31	Shorea faguetiana	123.3	129	1.3			
10	32	16.48	267	28	Aglaia leptantha subsp. leptantha	15	15	1.3			
10	33	21.22	263	30	Dendrocnide elliptica	14.1	14.3	1.3			
10	34	7.77	263	31	Pouteria	22.6	24.5	1.3		P10-5	
10	35	7.42	254	31	Dendrocnide elliptica	12	12.4	1.3			
10	36	9.03	287	22	Chisocheton	22.9	23	1.3			
10	37	11.2	295	17	Aglaia odoratissima	13.3	13.8	1.3			
10	38	16.34	310	10	Aglaia elliptica subsp. clementis	13	14.7	1.3			
10	39	16.53	315	9	Aglaia elliptica subsp. clementis	31.4	21.7	1.3			
10	40	20.19	323	-3	Dendrocnide elliptica	13.8	14.3	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
10	41	13.17	337	-8	Macaranga tanarius	22.5	24.4	1.3			
10	42	13.3	0	-17	Aglaia sp 2	11.3	11.8	1.3			
10	43	14.83	2	-16	Macaranga tanarius	21	31.9	1.3			
10	44	18.05	359	-16	Dendrocnide elliptica	12	14.1	1.3			
10	45	20.46	14	-22	Dendrocnide elliptica	11.9	15.2	1.3			
10	46	14.11	9	-18	Dendrocnide elliptica	10	10.3	1.3			
10	47	6.69	300	16	Orophea rubra	10.3	10.5	1.3			
11	1	1.35	63	-22	Baccaurea macrocarpa	25.5	25.4	1.3		P11-1	
11	2	7.8	15	-12	Mallotus wrayi	14.2	14.8	1.3			
11	3	10.28	30	-29	Dacryodes sp.	13.7	14.2	1.3			
11	4	14.92	13	-18	Dacryodes rugosa	36.5	37.5	1.3			
11	5	16.34	7	-15	Mallotus wrayi	11.1	11.9	1.3			
11	6	15.26	28	-27	Nephelium lappaceum	40	45	1.3			
11	7	18.49	30	-26	Vatica dulitensis	16.5	19.6	1.3			
11	8	20.73	37	-28	Shorea pilosa	20.7	20.8	1.3			
11	9	21	48	-31	Shorea pilosa	11	16	1.3			
11	10	12.27	37	-32	Xanthophyllum rufum	16.2	22.5	2.1			
11	11	10.95	63	-39	Dacryodes rugosa	12.7	12	1.3			
11	12	2.61	87	-38	Shorea pilosa	10.9	12.6	1.3			
11	13	1.83	140	-19	Vatica albiramis	10.8	11	1.3			
11	14	4.07	158	14	Beilschmiedia sp.	17.9	17.8	1.3		P11-2	
11	15	5.61	143	-26	Artocarpus rigidus	16.1	16.5	1.3			
11	16	11	144	-27	Dacryodes laxa	12.7	13.1	1.3			
11	17	16.63	110	-41	Eusideroxylon zwageri	24.5	25	1.3			
11	18	18.25	128	-37	Vatica cf. umbonata	11.5	18	1.3			
11	19	21.3	140	-30	Sindora irpicina	65	67.5	1.3			
11	20	18.74	146	-31	Lithocarpus niuwenhuisii	22.2	23.9	1.3			
11	21	19.01	148	-28	Shorea xanthophylla	12.3	13.7	1.3			
11	22	19.9	158	-25	Shorea pilosa	38	38.4	1.3			
11	23	12.64	152	-25	Macaranga hypoleuca	10.7		1.3			Not found
11	24	5.1	193	0	Gluta sabahana	24.1	24.4	1.72		P11-3	
11	25	8.99	185	-5	Shorea pilosa	11.5	13.2	1.3			
11	26	11.16	197	2	Drypetes cf. kikir	27	28.4	1.3			
11	27	12.52	179	-10	Shorea parvifolia	11.2	14.2	1.3			
11	28	15.37	176	-14	Dipterocarpus kerrii	11.2	11.5	1.3			
11	29	19.7	176	-15	Beilschmiedia sp.	16.1	16.1	1.3			
11	30	18.95	183	-12	Mallotus wrayi	12.3	12.5	1.3			
11	31	16.84	197	-6	Vatica micrantha	19.9	20	1.3			
11	32	9.65	224	17	Santiria laevigata	31	32.5	1.3			
11	33	13.77	216	8	Aglaia meliosmoides	10.8	11.4	1.3			
11	34	14.83	225	12	Vatica micrantha	18.4	17.4	1.3			
11	35	18.36	222	5	Shorea macroptera	40	40.2	1.3			
11	36	20	217	3	Dipterocarpus kerrii	61	65	1.3			
11	37	9.94	233	19	Pentace borneensis	11.4	11.8	1.3			
11	38	12.89	250	25	Dialium cf. indum	12.7	13.8	1.3			
11	39	12.9	255	25	Gluta wallichii	15.6	16.2	1.3			
11	40	14.25	262	27	Xanthophyllum nigricans	10.3	10.7	1.3			

Plot No	Tree No	Distance (m)	Bearing	Slope Angle	Species	Diam 2015 (cm)	Diam 2018 (cm)	POM 2015 (m)	POM 2018 (m)	Remarks 2015	Remarks 2018
11	41	18.18	257	25	Lophopetalum beccarianum	11.4	12.6	1.3			
11	42	18.59	265	27	Shorea multiflora	30.7	32.3	1.3			
11	43	15.84	270	28	Syzygium fastigiatum	40	42	1.3			Perapang
11	44	12.28	301	26	Garcinia cf. gaudichaudi	19.6	21.7	1.3			
11	45	17.14	305	23	Chaetocarpus castanocarpus	45	58	1.3			Perapang
11	46	16.81	316	19	Teijsmanniodendron sarawakanum	15.8	16.2	1.3			
11	47	10.62	320	17	Baccaurea edulis	20.5	21.4	1.3			
11	48	6.67	300	24	Baccaurea edulis	11.1	12	1.3			
11	49	8.87	347	6	Syzygium heterocladum	47	49	1.3			Perapang
11	50	5.71	343	11	Endiandra kingiana	54.4	54.5	2.22			
11	51	0.67	292	23	Gluta wallichii	53.4	43.9	1.3		P11-5	
11	52	2.35	290	27	Chaetocarpus castanocarpus	38	30.9	1.3			
11	53	2.47	263	29	Shorea argentifolia	97	98	1.3		P11-4	Perapang
11	54	8	240		Shorea pillosa		11				
11	55	7.9	267		Dacryodes rugosa		10				
11	56	4.35	300		Dacryodes laxa		10				
11	57	6.33	312		Shorea parvifolia		11.8				
11	58	4.41	356		Vatica albiramis		10.2				
11	59	13.4	15.8		Swintonia acuta		10.2				
11	60	16.1	79.6		Shorea macrptera		10.3				

Location	Date	Assessor	Plot No.	Radius (m)	Latitide
Mt Magdalena	24-Oct-14	Jasmie Jasri	1		20 N 04° 58' 26.0"
Mt Magdalena	24-Oct-14	Zainur	2		20 N 04° 58' 22.6"
Mt Magdalena	13-Nov-15	Jasmie Jasri	3		20 N 04° 58' 47.3"
Mt Magdalena	13-Nov-15	Jasmie Jasri	4		20 N 04° 59' 33.4"
Mt Magdalena	19-Nov-15	Welleden	5		20 N 04° 53' 41.7"
Mt Magdalena	19-Nov-15	Welleden	6		20 N 04° 53' 55.7"
Mt Magdalena	20-Nov-15	Jasmie Jasri	7		20 N 04° 50' 30.5"
Mt Magdalena	22-Jan-15	Jasmie Jasri	8		20 N 04° 56' 09.3"
Batu Timbang	12-Mar-15	R. Nilus	9		20 N 04° 58' 21.9"
Batu Timbang	12-Mar-15	R. Nilus	10		20 N 04° 58' 19.6"
Mt Magdalena	13-Mar-15	R. Nilus	11		20 N 04° 55' 43.9"

Longitude	Altitude (m)	Soil Association	Forest Formation
E 117° 08' 56.6"	197	Lokan	Lowland Mixed Dipterocarp Forest
E 117° 09' 0.7"	190	Lokan	Lowland Mixed Dipterocarp Forest
E 117° 08' 57.2"	190	Sook	Lowland Mixed Dipterocarp Forest
E 117° 08' 07.8"	223	Lokan	Lowland Mixed Dipterocarp Forest
E 117° 23' 45.7"	307	Crocker	Lowland Mixed Dipterocarp Forest
E 117° 23' 11.7"	283	Crocker	Lowland Mixed Dipterocarp Forest
E 117° 13' 54.8"	188	Kalabakan	Lowland Mixed Dipterocarp Forest
E 117° 10' 34.6"	350	Maliau	Lowland Mixed Dipterocarp Forest
E 117° 05' 57.4"	455	Gomantong	Lowland Mixed Dipterocarp Forest
E 117° 05' 51.8"	532	Gomantong	Upland Mixed Dipterocarp Forest
E 117° 10' 51.4"	267	Maliau	Lowland Mixed Dipterocarp Forest

Remarks

Severely disturbed; hilly and dissected topography
Severely disturbed; hilly and dissected topography
Severely disturbed; Sandy alluvial terrace
Severely disturbed; hilly and dissected topography
Severely disturbed; undulating and hilly
Severely disturbed; undulating and hilly
Moderately disturbed; undulating terrain
Moderately disturbed; Steep area
Moderately disturbed; deep soil on limestone outcrops
Undisturbed vegetation; limestone outcrops
Moderately disturbed; Steep area