

Appendix 2

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Appendix 2
Tree plot data from the Nakauvadra Highlands, Ra Province, Fiji
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Table 1. Lowland Rainforest Vegetation - Creek Flat Forest (320 m.a.s.l.). Plot 1, Camp 1.

Species	No. of Trees	No.>15 cm	Basal Area	Rel. Dom.
<i>Endiandra elaeocarpa</i>	8	4	8921	16%
<i>Dysoxylum</i> sp.	1	1	5942	11%
<i>Kingiodendron polycarpum</i>	12	8	5468	10%
<i>Gironniera celtidifolia</i>	44	9	4603	8%
<i>Dillenia biflora</i>	11	9	3246	6%
<i>Aleurites moluccana</i>	1	1	2550	5%
<i>Elatostachys falcata</i>	3	1	2388	4%
<i>Litsea</i> sp. (cf. <i>mellifera</i> ?)	11	3	2357	4%
<i>Myristica castaneifolia</i>	4	2	2076	4%
<i>Parinari insularum</i>	2	1	1888	3%
<i>Elaeocarpus</i> sp.	1	1	1885	3%
<i>Dysoxylum richii</i>	3	2	1820	3%
<i>Degeneria roseiflora</i>	2	1	1564	3%
<i>Viticipremna vitilevuensis</i>	1	1	1451	3%
<i>Buchanania</i> sp.	1	1	907	2%
<i>Macaranga</i> sp.	2	1	793	2%
<i>Pagiantha thurstonii</i>	10	1	786	1%
<i>Alangium vitiense</i>	4	2	719	1%
<i>Syzygium</i> sp. (big leaf)	5	1	587	1%
<i>Syzygium smithii</i>	2	2	510	1%
<i>Veitchia vitiensis</i>	9	0	496	1%
<i>Plerandra pickeringii</i>	2	1	447	1%
<i>Alphitonia franguloides</i>	1	1	415	1%
<i>Syzygium</i> sp. (no. 6)	1	1	415	1%
<i>Glochidion</i> sp.	1	1	380	1%
<i>Cynometra insularis</i>	3	1	375	1%
<i>Cupaniopsis concolor</i>	2	1	355	1%
<i>Palaquium porphyreum</i>	1	1	314	1%
<i>Ficus fulvo-pilosa</i>	1	0	204	+
<i>Garcinia myrtifolia</i>	2	0	161	+
<i>Premna protusa</i>	1	0	154	+
<i>Baccaurea pulvinata</i>	3	0	127	+
<i>Semecarpus vitiensis</i>	1	0	113	+
<i>Terminalia</i> sp.	3	0	113	+
<i>Planchonella</i> sp.	3	0	112	+
<i>Dendrocnide vitiensis</i>	2	0	88	+
<i>Elaeocarpus</i> sp. no. 2	1	0	38	+
<i>Endiandra</i> sp.	1	0	38	+
<i>Syzygium malaccense</i>	1	0	28	+
<i>Ficus</i> cf. <i>scabra</i>	1	0	28	+
<i>Tabernaemontana pandacaqui</i>	1	0	28	+
<i>Myristica chartacea</i>	1	0	28	+

Species	No. of Trees	No.>15 cm	Basal Area	Rel. Dom.
<i>Syzygium cf. curvistylum</i>	1	0	28	+
<i>Gnetum gnemon</i>	1	0	28	+
Totals	172	59	54,966	

Table 2. Lowland Rainforest Vegetation - Slope Forest (320 m.a.s.l.). Plot 2, Camp 1

Species	No. of Trees	No. > 15 cm	Basal area	Rel. Dom.
<i>Aleurites moluccana</i>	3	3	5804	15%
<i>Dillenia biflora</i>	7	6	3895	10%
<i>Gironniera celtidifolia</i>	38	4	3736	10%
<i>Syzygium cf. curvistylum</i>	6	4	3401	9%
<i>Endospermum macrophyllum</i>	3	2	3268	8%
<i>Dysoxylum richii</i>	2	2	2139	5%
<i>Myristica castaneifolia</i>	12	3	2001	5%
<i>Kingiodendron polycarpum</i>	4	1	1479	4%
<i>Cerbera cf. odollam</i>	2	2	1363	3%
<i>Veitchia vitiensis</i>	18	0	1131	3%
<i>Garcinia myrtifolia</i>	9	2	988	3%
<i>Aglaia</i> sp.	5	2	959	2%
<i>Parinari insularum</i>	3	1	902	2%
<i>Endiandra</i> sp.?	2	2	871	2%
<i>Veitchia joannis</i>	1	1	707	2%
<i>Annonaceae</i> sp.	1	1	660	2%
<i>Pagiantha thurstonii</i>	8	0	624	2%
<i>Canarium vitiensis</i>	3	2	595	2%
<i>Elattostachys falcata</i>	1	1	572	1%
<i>Macaranga</i> sp.	2	2	568	1%
<i>Palaquium vitilevuense</i>	1	1	531	1%
<i>Glochidion</i> sp.	1	1	415	1%
<i>Cryptocarya</i> sp.?	1	1	415	1%
<i>Endiandra elaeocarpa</i>	3	1	362	1%
<i>Palaquium porphyreum</i>	1	1	346	1%
<i>Ficus</i> cf. <i>fulvo-pilosa</i>	3	1	295	1%
<i>Anacolosia lutea</i>	6	0	290	1%
<i>Semecarpus vitiensis</i>	1	1	201	1%
<i>Gnetum gnemon</i>	2	0	177	+
<i>Litsea</i> sp. (no. 2)	2	0	171	+
<i>Syzygium</i> sp. (no. 2)	1	0	154	+
<i>Cyathea alta</i>	1	0	148	+
<i>Litsea</i> cf. <i>mellifera</i>	2	0	133	+
<i>Antidesma</i> sp.?	1	0	133	+
<i>Dendrocnide vitiensis</i>	1	0	133	+
<i>Baccaurea</i> sp.	3	0	126	+
<i>Planchonella</i> sp.	3	0	104	+
<i>Schefflera vitiensis</i>	1	0	95	+
<i>Cynometra insularis</i>	2	0	64	+
<i>Reedia membranacea</i>	2	0	54	+
Total	168	48	40,110	

Table 3. Lowland Rainforest Vegetation - Slope Forest (Secondary) (320 m). Plot 3, Camp 2

Species	No. of Trees	No. > 15 cm	Basal Area	Rel. Dom.
<i>Gironniera celtidifolia</i>	72	8	5759	16%
<i>Glochidion</i> sp.	9	9	5235	14%
<i>Dysoxylum richii</i>	13	8	4980	13%
<i>Elatostachys falcata</i>	4	4	4323	12%
<i>Dysoxylum</i> sp.	2	2	2987	8%
<i>Bischofia javanica</i>	2	2	2846	8%
<i>Macaranga</i> sp.	1	1	1661	4%
<i>Alangium vitiense</i>	4	3	1399	4%
<i>Pagiantha thurstonii</i>	2	1	1055	3%
<i>Myristica castaneifolia</i>	10	2	1038	3%
<i>Syzygium malaccense</i>	3	1	1009	3%
<i>Cupaniopsis concolor</i>	4	3	872	2%
<i>Ficus</i> sp. (oblique base)	1	1	754	2%
<i>Planchonella</i> cf. <i>vitiensis</i>	4	1	537	2%
<i>Saurauria rubicunda</i>	4	1	498	2%
<i>Dillenia biflora</i>	1	1	314	1%
<i>Plerandra pickeringii</i>	1	1	254	1%
<i>Semecarpus vitiensis</i>	2	0	246	1%
<i>Cyathea hornei</i>	8	0	232	1%
<i>Citrus maxima</i>	1	1	201	1%
<i>Litsea</i> cf. <i>mellifera</i>	1	1	201	1%
<i>Cyathea lunulata</i>	1	0	154	+
<i>Ficus</i> sp.	1	0	133	+
<i>Endiandra elaeocarpa</i>	1	0	133	+
<i>Garcinia pseudoguttifera</i>	2	0	92	+
<i>Syzygium</i> sp. (big leaf)	2	0	76	+
<i>Ficus vitiensis</i>	2	0	58	+
<i>Aglaia</i> sp.	1	0	50	+
<i>Melochia</i> cf. <i>vitiensis</i>	1	0	38	+
<i>Calycosia petiolata</i>	1	0	28	+
Total	161	51	36,963	

Table 4. Lowland Rainforest Vegetation - Ridge Forest (440 m). Plot 4, Camp 2

Species	No. of Trees	No. > 15 cm	Basal Area	Rel. Dom.
<i>Parinari insularum</i>	20	11	9466	21%
<i>Dysoxylum richii</i>	4	3	4534	10%
<i>Syzygium</i> cf. <i>curvistylum</i>	2	1	3310	7%
<i>Pagiantha thurstonii</i>	11	6	2462	6%
<i>Myristica castaneifolia</i>	11	5	2193	5%
<i>Dillenia biflora</i>	7	3	1870	4%
<i>Endiandra elaeocarpa</i>	3	1	1727	4%
<i>Elaeocarpus</i> cf. <i>chelonimorphus</i>	3	3	1704	4%
<i>Veitchia vitiensis</i>	35	0	1690	4%
<i>Pterocymbium oceanicum</i>	2	2	1671	4%
<i>Hernandia olivacea</i>	4	2	1502	4%
<i>Planchonella vitiensis</i>	6	2	1154	3%
<i>Heritiera ornithocephala</i>	2	1	1130	3%
<i>Endiandra</i> sp.	11	1	917	2%
<i>Garcinia myrtifolia</i>	3	1	874	2%
<i>Gironniera celtidifolia</i>	16	0	654	1%
<i>Vavaea amicorum</i>	3	2	624	1%
<i>Gnetum gnemon</i>	8	1	584	1%
<i>Cyathea lunulata</i>	2	1	579	1%
Indet. (cupule)	3	1	547	1%
<i>Elatostachys falcata</i>	1	1	415	1%
<i>Syzygium</i> sp. (big leaf)	1	1	415	1%
<i>Canarium harveyi</i>	3	1	374	1%
<i>Cyathea alta</i>	7	0	339	1%
<i>Dysoxylum</i> sp.	1	0	314	1%
<i>Geisssois ternata</i>	1	1	283	1%
<i>Kingiodendron polycarpum</i>	3	0	368	1%
<i>Baccaurea pulvinata</i>	5	0	255	1%
<i>Elaeocarpus</i> sp. (narrow leaves) 1	1	1	254	1%
<i>Ficus</i> sp. (small leaf)	1	0	227	1%
<i>Harpullia arborea</i>	2	1	215	+
<i>Aglaiia</i> sp.	1	0	201	+
<i>Palaquium</i> sp.	1	0	154	+
<i>Viticipremna vitilevuensis</i>	1	0	133	+
<i>Pittosporum rhytidocarpum</i>	2	0	129	+
<i>Garcinia pseudoguttifera</i>	4	0	128	+
<i>Cyathocalyx</i> sp.	2	0	126	+
<i>Syzygium</i> sp. ("dravu")	3	0	108	+
<i>Litsea</i> cf. <i>mellifera</i>	2	0	102	+
<i>Calycosia petiolata</i>	3	0	98	+
<i>Saurauria rubicunda</i>	1	0	95	+
<i>Garcinia</i> sp. (no. 4)	1	0	95	+
<i>Cyathea hornei</i>	3	0	94	+
<i>Haplolobus floribundus</i>	1	0	79	+
<i>Melochia</i> cf. <i>vitiensis</i>	1	0	64	+
<i>Alangium vitiense</i>	1	0	50	+
<i>Ficus fulvo-pilosa</i>	1	0	38	+

Species	No. of Trees	No. > 15 cm	Basal Area	Rel. Dom.
<i>Inocarpus fagifer</i>	1	0	38	+
<i>Syzygium smithii</i>	1	0	28	+
<i>Myristica chartacea</i>	1	0	28	+
Total	213	53	44,339	

Table 5. Lowland Rainforest Vegetation – Dakua Forest (Primary)(425 m). Plot 5, Camp 1

Species	No. of Trees	No. > 15 cm	Basal Area	Rel. Dom.
<i>Agathis macrophylla</i>	2	2	18278	32%
<i>Geissois ternata</i>	2	2	4238	7%
<i>Metrosideros collina</i>	4	4	3826	7%
<i>Myristica castaneifolia</i>	9	3	2998	5%
<i>Elatostachys falcata</i>	6	4	2885	5%
<i>Trichospermum calyculatum</i>	1	1	2375	4%
<i>Dysoxylum</i> sp.	7	4	2087	4%
<i>Plerandra vitiensis</i>	1	1	1963	3%
<i>Aglaia</i> sp.	8	4	1698	3%
<i>Planchonella vitiensis</i>	2	2	1674	3%
<i>Baccaurea pulvinata</i>	24	2	1537	3%
<i>Veitchia vitiensis</i>	21	0	1467	3%
<i>Dillenia biflora</i>	6	3	1420	3%
<i>Pterocymbium oceanicum</i>	2	2	1031	2%
<i>Endiandra elaeocarpa</i>	6	0	748	1%
<i>Rapanea</i> sp.?	7	0	660	1%
<i>Plerandra pickeringii</i>	3	1	650	1%
<i>Syzygium</i> sp. (no. 3)	4	1	627	1%
<i>Planchonella</i> sp.	7	2	598	1%
<i>Endospermum macrophyllum</i>	1	1	572	1%
<i>Alangium vitiense</i>	5	1	524	1%
<i>Terminalia</i> sp.	2	2	523	1%
<i>Myristica chartacea</i>	4	1	441	1%
<i>Pagiantha thurstonii</i>	4	1	372	1%
<i>Cyathea lunulata</i>	2	2	367	1%
<i>Syzygium</i> sp. (no. 4)	1	1	314	1%
<i>Elaeocarpus</i> sp.	2	1	274	+
<i>Hernandia olivacea</i>	1	1	254	+
<i>Parinari insularum</i>	5	0	245	+
<i>Cynometra insularis</i>	3	0	242	+
<i>Cryptocarya</i> sp.	2	0	233	+
Indet. (cupule)	2	1	229	+
<i>Gironniera celtidifolia</i>	2	1	197	+
<i>Pleiogynium timoriense</i>	4	0	189	+
<i>Gnetum gnemon</i>	6	0	182	+
<i>Cyathea hornei</i>	7	0	172	+
Indet. cf. <i>Casearia</i>	3	0	135	+
<i>Litsea</i> cf. <i>mellifera</i>	1	0	133	+
<i>Cyathocalyx</i> sp.?	1	0	133	+
<i>Kingiodendron polycarpum</i>	3	0	120	+

Species	No. of Trees	No. > 15 cm	Basal Area	Rel. Dom.
<i>Garcinia myrtifolia</i>	2	0	84	+
<i>Planchonella</i> sp. (no. 1)	2	0	70	+
<i>Calophyllum vitiense</i>	2	0	66	+
<i>Buchanania attenuata</i>	1	0	64	+
<i>Anacolosa lutea</i>	1	0	64	+
<i>Crossostylis seemannianus</i>	1	0	50	+
<i>Syzygium</i> sp. no. 5	1	0	50	+
<i>Calophyllum neo-ebudicum</i>	1	0	50	+
<i>Turrillia vitiensis</i>	1	0	50	+
<i>Decaspermum vitiense</i>	1	0	50	+
<i>Dendrocnide vitiense</i>	1	0	28	+
<i>Psychotria</i> sp.	1	0	28	+
<i>Syzygium</i> sp. (no. 6)	1	0	28	+
<i>Macaranga</i> sp.	1	0	20	+
Indet. (aqueous veins)	1	0	20	+
<i>Geniostoma</i> sp.	1	0	20	+
Total	162	51	56,683	