



Appendix 2

Source: A Rapid Biodiversity Assessment of the Nakauvadra Range, Ra Province, Fiji: 113

Published By: Conservation International

URL: <https://doi.org/10.1896/054.057.0117>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Appendix 2
Tree plot data from the Nakauvadra Highlands, Ra Province, Fiji
Marika Tuiwawa and Arthur Whistler

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 sp.</i>	5	2	959	2%
<i>Parinari insularum</i>	3	1	902	2%
<i>Endiandra sp.?</i>	2	2	871	2%
<i>Veitchia joannis</i>	1	1	707	2%
<i>Annonaceae sp.</i>	1	1	660	2%
<i>Pagiantha thurstonii</i>	8	0	624	2%
<i>Canarium vitiensis</i>	3	2	595	2%
<i>Elatostachys falcata</i>	1	1	572	1%
<i>Macaranga sp.</i>	2	2	568	1%
<i>Palaquium vitilevuense</i>	1	1	531	1%
<i>Glochidion sp.</i>	1	1	415	1%
<i>Cryptocarya sp.?</i>	1	1	415	1%
<i>Endiandra elaeocarpa</i>	3	1	362	1%
<i>Palaquium porphyreum</i>	1	1	346	1%
<i>Ficus cf. fulvo-pilosa</i>	3	1	295	1%
<i>Anacolosa lutea</i>	6	0	290	1%
<i>Semecarpus vitiensis</i>	1	1	201	1%
<i>Gnetum gnemon</i>	2	0	177	+
<i>Litsea sp. (no. 2)</i>	2	0	171	+
<i>Syzygium sp. (no. 2)</i>	1	0	154	+
<i>Cyathea alta</i>	1	0	148	+
<i>Litsea cf. mellifera</i>	2	0	133	+
<i>Antidesma sp.?</i>	1	0	133	+
<i>Dendrocnide vitiensis</i>	1	0	133	+
<i>Baccaurea sp.</i>	3	0	126	+
<i>Planchonella sp.</i>	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>Elattostachys 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>Pagianta 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>Aglaiia</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>Elattostachys 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	