



Appendix 5

Source: A Rapid Biodiversity Assessment of the Nakauvadra Range, Ra Province, Fiji: 121

Published By: Conservation International

URL: <https://doi.org/10.1896/054.057.0120>

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 5

Freshwater invertebrate taxa found at each site during surveys of the Nakauvadra Range, Ra Province, Fiji

Gilianne Brodie

Taxa	Common Name	Local Name	Functional Type	Stream Site 1 Volivoli A	Stream Site 2 * Volivoli B	Stream Site 3 Natoluvalu	Stream Site 4 Nabiya	Other	Total
INSECTA									
Ephemeroptera									
<i>Psuedocloeon</i> sp.1 (early stage small grey)	Mayfly Mayfly (larvae)		grazers	124 [USP5647]	451 [USP5648]	2 [USP5649]	3 [USP5650]	-	580
<i>Psuedocleon</i> sp. 1 (later stage large dark)	Mayfly (larvae)		grazers	33 [USP5651]	121 [USP5652]	-	2 [USP5653]	-	156
Coleoptera									
Gyrinidae	Beetle Whirligig beetle (adult)		predator	-	-	2 [USP5654]	-	2 [USP5655]	4
Hemiptera									
Gerridae	True Bugs Water strider		larvae predators	6 [USP5656]	5 [USP5657]	-	-	-	11
<i>Limnogynous</i> sp 1 <i>Limnogynous</i> sp 2 (smaller distinct marks on dorsum)	Water strider (adult)		larvae predators	-	2 [USP5658]	-	-	-	2
Odonata									
Anisoptera sp. 1 (large dark)	Dragonfly (larvae)	Cece wai	predator	1 [USP5659]	-	-	1 [USP5660]	-	2
Anisoptera sp. 2 (small pale)	Dragonfly (larvae)	Cece wai	predator	1 [USP5661]	-	3 [USP5662]	2 [USP5663]	-	6
Zygoptera <i>Nesobasis</i> spp.	Damselfly (larvae)		predator	51 [USP5664]	8 [USP5665]	18 [USP5666]	3 [USP5667]	-	80
Lepidoptera									
Pyralidae <i>Nymphula</i> ?	caterpillar Moth (larva)		shredder	10 [USP5668]	5 [USP5669]	10 [USP5670]	1 [USP5671]	-	26

Taxa	Common Name	Local Name	Functional Type	Stream Site 1	Stream Site 2	Stream Site 3	Stream Site 4	Other	Total
Culicidae	Mosquito (pupa)			-	1 [USP5695]	-	-	-	1
<i>Aedes</i> sp.	Midges (larvae)		grazers	1 [USP5696]	5 [USP5697]	-	32 [USP5698]	-	38
Chironimidae	Fly (adult)			-	-	1 [USP5698]	-	-	1
Diptera sp. 1									
Unknown Insect Pupa									
Insect pupa 1 (brown bubble like case)	Insect pupa			1 [USP5699]	-	-	-	-	1
Insect pupa 2 (tube with net-like mottled pattern)	Insect pupa			1 [USP5700]	-	-	-	-	1
Insect pupa 3 (segmented, mottled brown)	Insect pupa			-	-	1 [USP5701]	-	-	1
Insect pupa 4 (clear 4-sided case)	Insect pupa			1 [USP5702]	-	-	1 [USP5703]	-	2
Insect pupa 5 (dark segmented body)	Insect pupa			1 [USP5704]	-	-	-	-	1
MOLLUSCA									
Gastropoda	Freshwater snail		grazers						
<i>Melanooides lutosa</i>		cici		2 [USP5705]	2 [USP5706]	-	-	-	4
<i>Melanooides tuberculata</i>		ciri		9 [USP5707]	28 [USP5708]	22 [USP5709]	26 [USP5710]	5 [USP5711]	90
<i>Fluviopupa</i> ? sp.				-	2 [USP5712]	1 [USP5713]	3 [USP5714]	-	6
CRUSTACEA									
Ostracoda sp.				-	-	-	2 [USP5800]	-	2

Taxa	Common Name	Local Name	Functional Type	Stream Site 1	Stream Site 2	Stream Site 3	Stream Site 4	Other	Total
<i>Macrobrachium cf. latidactylus</i>	long arm prawn	Ura or urasa	shredder & predator	-	-	-	-	2 (site 2) [USP5801]	2
<i>Caridina cf. nudirostris</i>	shrimp		filter feeder	7 [USP5802]	2 [USP5803]	8 [USP5804]	1 [USP5805]	-	18
PLATYHELMINTHES									
Tricladia sp. 1 (Dugesitiidae ?)	flat worm		predator	22 [USP5806]	1 [USP5807]	18 [USP5808]	2 [USP5809]	-	43
Tricladida sp. 2	flatworm		predator	-	-	-	1 [USP5810]	-	1
NEMATOMORPHA									
<i>Paragordius?</i> sp.	Horse hair worm (adult)	wa-lutu-mai-lagi	parasitic larvae	-	-	-	-	1 [USP5811]	1
ARACHNIDA									
Araneae sp. 1 (large – elongate body)	Spider (adult)		predator	-	1 [USP5812]	-	-	-	1
Araneae sp. 2 (small, banded legs, network on abdomen)	Spider (adult)		predator	-	2 [USP5813]	-	-	-	2
Araneae sp. 3 (Hydrachnellidae ?) (larger globular body, hairy)	Water Spider (adult)		predator	-	-	1 [USP5814]	-	-	1
ANNELIDA									
Oligochaeta sp. 1 (large with 2 distinct parts)	Segmented worm			-	3 [USP5815]	-	-	-	3
Oligochaeta sp. 2 (small simple)	Segmented worm			-	10 [USP5816]	11 [USP5817]	4 [USP5818]	-	25
TOTALS				290	755	130	133	10	1318

[USP no] = USP Collections acquisition numbers. * Only half of 100 m section sampled.