



## Appendix 5

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## 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
<b>INSECTA</b>									
<b>Ephemeroptera</b>									
<i>Pseudocloeon</i> sp.1 (early stage small grey)	Mayfly Mayfly (larvae)		grazers	124 [USP5647]	451 [USP5648]	2 [USP5649]	3 [USP5650]	-	580
<i>Pseudocloeon</i> sp. 1 (later stage large dark)	Mayfly (larvae)		grazers	33 [USP5651]	121 [USP5652]	-	2 [USP5653]	-	156
<b>Coleoptera</b>									
Gyrinidae	Beetle Whirligig beetle (adult)		predator	-	-	2 [USP5654]	-	2 [USP5655]	4
<b>Hemiptera</b>									
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
<b>Odonata</b>									
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
<b>Lepidoptera</b>									
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									
<b>Unknown Insect Pupa</b>									
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
<b>MOLLUSCA</b>									
<b>Gastropoda</b>	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
<b>CRUSTACEA</b>									
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
<b>PLATYHELMINTHES</b>									
Tricladia sp. 1 (Dugesitiidae ?)	flat worm		predator	22 [USP5806]	1 [USP5807]	18 [USP5808]	2 [USP5809]	-	43
Tricladida sp. 2	flatworm		predator	-	-	-	1 [USP5810]	-	1
<b>NEMATOMORPHA</b>									
<i>Paragordius?</i> sp.	Horse hair worm (adult)	wa-lutu-mai-lagi	parasitic larvae	-	-	-	-	1 [USP5811]	1
<b>ARACHNIDA</b>									
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
<b>ANNELIDA</b>									
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
<b>TOTALS</b>				<b>290</b>	<b>755</b>	<b>130</b>	<b>133</b>	<b>10</b>	<b>1318</b>

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