

Site	Upper Gorge (Site 1)			Mid Gorge (site 2)			Upper Gorge (Site 1)	Mid Gorge (Site 2)	Glengyle Stm	Opposite Glengyle confluence
Sample type	Surber 1	Surber 2	Surber 3	Surber 1	Surber 2	Surber 3	Handnet 1	Handnet 2	Handnet 3	Handnet 4
Notes					V. swift		pool/run/riffle	pool/riffle/run	pool/riffle/run	pool/riffle/run
Sample date	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004	27/05/2004
Mayflies	MCI score									
<i>Austroclima jollyae</i>	9	-	-	-	-	-	-	-	-	-
<i>Coloburiscus humeralis</i>	9	1	-	-	1	-	C	R	-	C
<i>Deleatidium</i> sp.	8	34	25	25	10	15	A	A	C	VA
<i>Neozephlebia</i> sp.	7	-	-	-	-	-	C	-	R	-
<i>Nesameletus</i> sp.	9	4	-	-	1	-	A	C	R	C
Stoneflies										
<i>Acroperla trivacuata</i>	5	1	-	-	-	-	-	R	-	-
<i>Austroperla cyrene</i>	9	-	-	-	-	-	R	-	R	-
<i>Stenoperla prasina</i>	10	1	-	-	-	-	-	-	-	-
<i>Zelandobius furcillatus</i> group	5	-	-	-	-	-	R	R	R	-
<i>Zelandoperla decorata</i>	10	1	-	-	1	-	R	C	R	R
Dobsonflies										
<i>Archichauliodes diversus</i>	7	-	-	-	-	-	-	-	R	-
Beetles										
Elmidae	6	1	-	-	-	-	C	R	-	-
Hydraenidae	8	-	-	-	-	-	R	-	R	-
Scirtidae	8	-	-	-	-	1	R	C	-	-
True Flies										
<i>Aphrophila neozelandica</i>	5	-	1	-	-	-	-	R	-	-
<i>Austrosimulium</i> spp.	3	1	-	-	-	-	-	R	-	R
Empididae	3	-	-	-	-	-	-	-	-	-
Eriopterini	9	-	-	-	-	-	R	R	-	-
<i>Maoridiamesa</i> spp.	3	1	-	1	-	-	-	R	-	R
<i>Neocurupira tonnoiri</i>	7	-	-	-	4	-	R	R	-	-
Orthocladiinae	2	1	-	-	-	-	-	R	-	R
<i>Paralimnophila skusei</i>	6	-	-	-	-	-	-	-	-	-
<i>Peritheates turrifer</i>	7	-	-	-	5	-	-	-	-	-
<i>Polypedilum</i> spp.	3	-	-	-	-	-	-	-	R	-
Tanyderidae	4	-	-	-	-	-	-	-	-	-
<i>Tanytarsus</i> sp.	3	-	-	-	-	-	R	-	-	-
Caddisflies										
<i>Aoteapsyche</i> spp.	4	1	-	-	3	-	R	R	-	R
<i>Beraeoptera</i> sp.	8	1	4	3	-	-	-	C	-	C
<i>Costachorema psaropteron</i>	7	-	-	-	1	-	-	-	R	-
<i>Costachorema xanthopteron</i>	7	-	-	-	-	-	-	-	R	-
<i>Costachorema</i> spp.	7	-	1	-	-	-	-	R	-	-
<i>Helicopsyche</i> sp.	10	-	32	1	-	-	A	A	-	VA
<i>Hydrobiosella</i> sp.	9	-	-	-	1	-	-	R	-	-
<i>Hydrobiosis clavigera</i>	5	1	-	-	-	-	-	R	-	-
<i>Hydrobiosis parumbripennis</i>	5	-	-	-	-	-	R	-	R	C
<i>Hydrobiosis</i> spp.	5	-	1	-	-	-	-	R	C	C
<i>Olinga feredayi</i>	9	2	-	-	-	1	C	C	-	C
<i>Philorheithrus</i> sp.	8	-	-	-	-	-	R	-	-	-
<i>Psilochorema bidens</i>	8	-	-	-	-	-	-	-	R	-
<i>Pycnocentrella euriensis</i>	9	-	-	-	-	-	-	-	-	-
<i>Pycnocentria evecta</i>	7	-	-	-	-	-	-	-	-	R
<i>Pycnocentria sylvestris</i>	7	-	-	-	-	-	-	-	R	-
<i>Pycnocentrodes</i> sp.	5	-	4	-	1	1	R	-	-	C
Flatworms										
	3	-	-	-	-	-	R	-	-	-
Snails										
<i>Potamopyrgus antipodarum</i>	4	-	1	-	-	1	R	R	-	R
Mites										
	5	-	-	-	-	-	R	-	R	-
Number of taxa	14	8	4	10	4	8	22	23	16	16
Number of animals	51	69	30	28	18	16	-	-	-	-
Density of animals (No.m ²)	510	690	300	280	180	160	-	-	-	-
MCI	130	130	145	150	130	153	137	132	140	128
SQMCI	-	-	-	-	-	-	8.29	8.25	6.75	8.61
QMCI	7.67	8.59	7.90	7.29	7.67	7.75	-	-	-	-
%EPT _{taxa}	71	75	75	80	75	75	59.1	60.9	75.0	75.0
%EPT	92	97	97	68	94	75	-	-	-	-

Parapara River macroinvertebrate samples

Collected by: N/M Fish & Game.

Processed: J. MacKenzie & Y. Stark, Cawthror

Data entered by: Anna Crowe, Cawthron