



FAMILY POLYCENTROPODIDAE

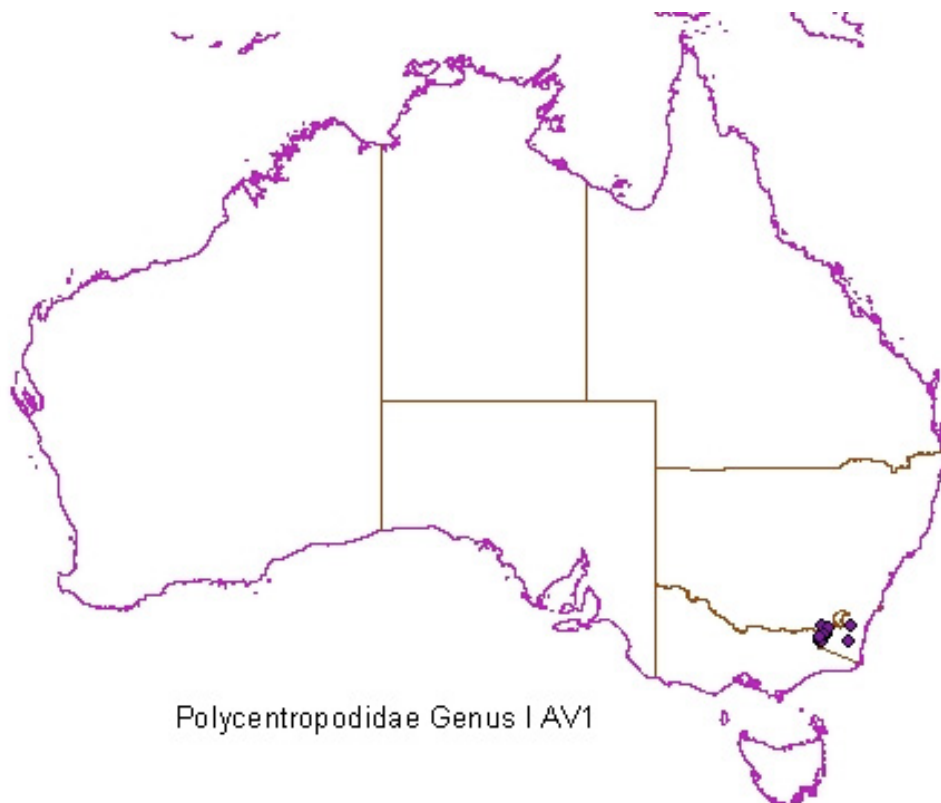
Habitat profile for Polycentropodidae Genus I sp. AV1

Polycentropodidae Genus I sp. AV1 was recorded from 44 Victorian and New South Wales localities in this study.

Genus I sp. AV1 was generally recorded in pool and edge habitat samples from middle to very high altitude streams mainly between 360-1680 m (Chart a), 2.1-23 km from the source (Chart b), with predominantly boulders, sand and cobble substrates with <15% detritus cover (Chart c). The streams were 2.5-18 m wide (Chart d) and usually between 0.15-0.4 m deep (Chart e), with low alkalinity between 10-32 mg/L (Chart f) and low conductivity <68 $\mu\text{S}/\text{cm}$ (Chart g).

The following generalities can be made about the other parameters listed in the Table: relatively cold to moderate recorded water temperatures (between 4.3-15.6 °C), pH circum-neutral (range 6.4-8), and very low turbidity (<13.5 NTU).

Mean, median and range for selected physical and chemical parameters and habitat categories are given in the Table.



Polycentropodidae Genus I AV1

Distribution of Polycentropodidae Genus I sp AV1 in Australia

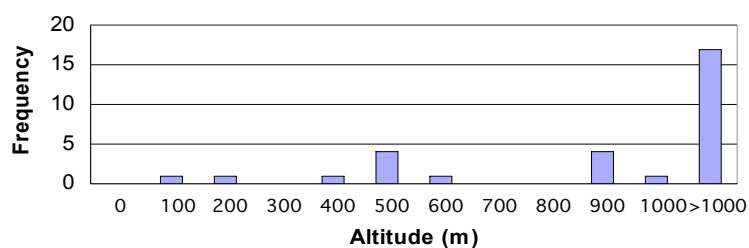


Typical habitat for Polycentropodidae Genus I sp AV1

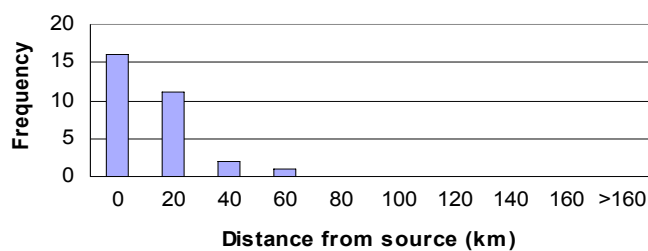


Charts for Polycentropodidae Genus I sp AV1

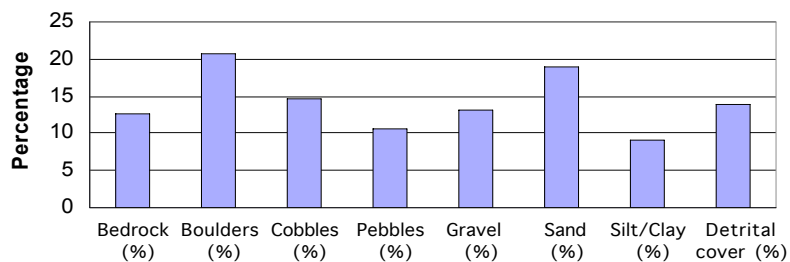
a) Altitude



b) Distance from source

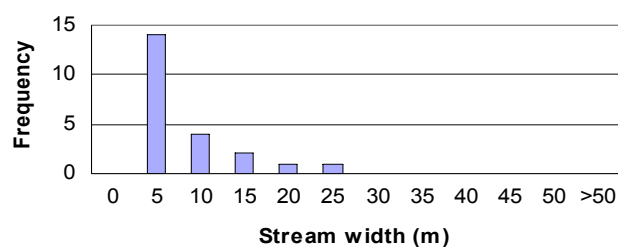


c) Substrate Particle Size

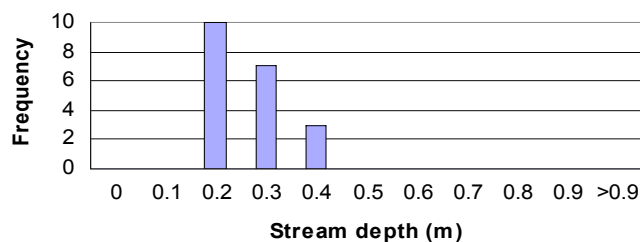




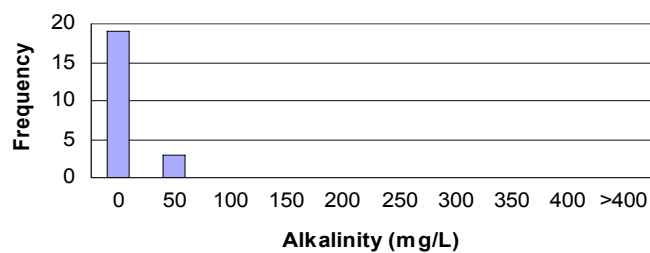
d) Stream Width



e) Depth



f) Alkalinity



g) Conductivity

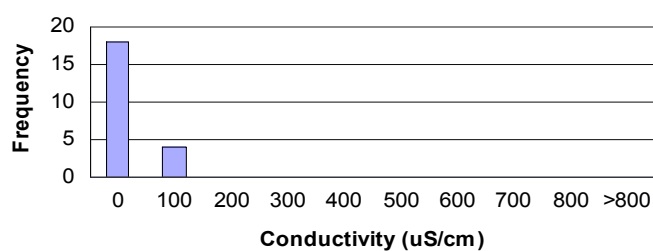




Table. Mean, median and range for selected physical and chemical parameters and habitat categories for Genus I sp. AV1 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	1092	1170	140-1680	44
Distance from source (km)	14.7	8.8	2.1-57	44
Stream width (m)	8.5	6	2.5-25	23
Stream depth (m)	0.26	0.25	0.15-0.4	21
Water temperature (°C)	9.9	10.6	2.2-18.7	23
Conductivity (µS/cm)	18.2	8	0-68	23
pH	7.2	7.3	5.4-8.0	23
Alkalinity (mg/L)	14.4	11	4-32	23
Turbidity (NTU)	3.0	2.6	0-13.2	22
Total N (mg/L)				
NO ₃ -N (mg/L)	0.042	0.01	0.005-0.37	20
Total P (mg/L)	0.011	0.01	0.005-0.017	19