



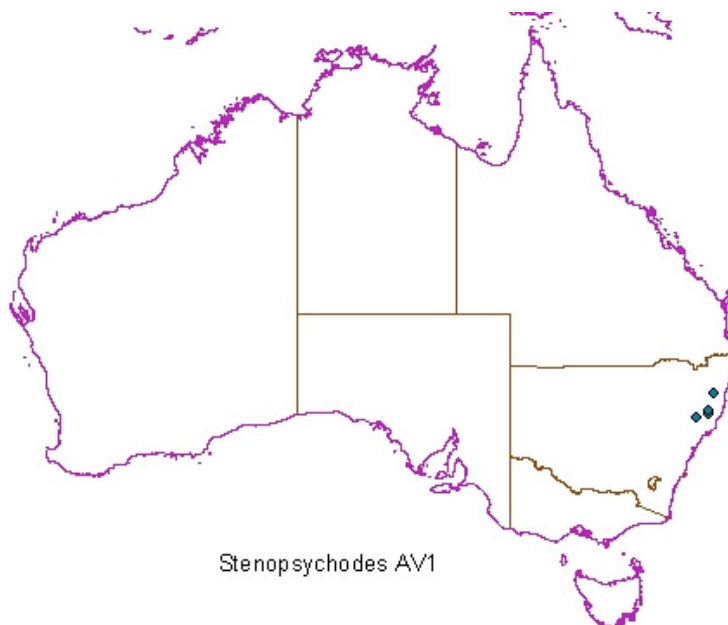
FAMILY STENOPSYCHIDAE

Habitat profile for *Stenopsychodes* sp. AV1

Stenopsychodes sp. AV1 was recorded from only 5 New South Wales localities in this study. Larvae have also previously been recorded from Victoria and Queensland (Cartwright 1998).

In this study *Stenopsychodes* sp. AV1 was recorded in riffle habitat samples from medium to high altitude streams between 210-1200 m altitude, close to the stream source at between 4.8-8.3 km, with predominantly a substrate of boulders, cobbles, pebbles and bedrock with low detritus cover.

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



Stenopsychodes AV1

Distribution of *Stenopsychodes* AV1 in Australia.

Stenopsychodes AV1, larva and dorsal view of head

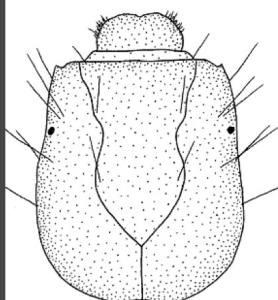




Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Stenopsychodes* sp. AV1 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	728	620	210-1200	5
Distance from source (km)	6.7	6.7	4.8-8.3	5
Stream width (m)	6	6	6	1
Stream depth (m)	0.17	0.17	0.15-0.2	2
Water temperature (°C)	11.1	11.1	11.1	1
Conductivity (µS/cm)	40	40	40	1
pH	8.1	8.1	8.1	1
Alkalinity (mg/L)	16	16	16	1
Turbidity (NTU)	7.3	7.3	7.3	1
Total N (mg/L)				
NO ₃ -N (mg/L)	0.01	0.01	0.01	1
Total P (mg/L)	0.016	0.016	0.016	1

References

Cartwright DI (1998) 'Preliminary guide to the identification of late instar larvae of Australian Polycentropdidae, Glossosomatidae, Dipseudopsidae and Psychomyiidae (Insecta: Trichoptera).' (Cooperative Research Centre for Freshwater Ecology: Albury)