



FAMILY POLYCENTROPODIDAE

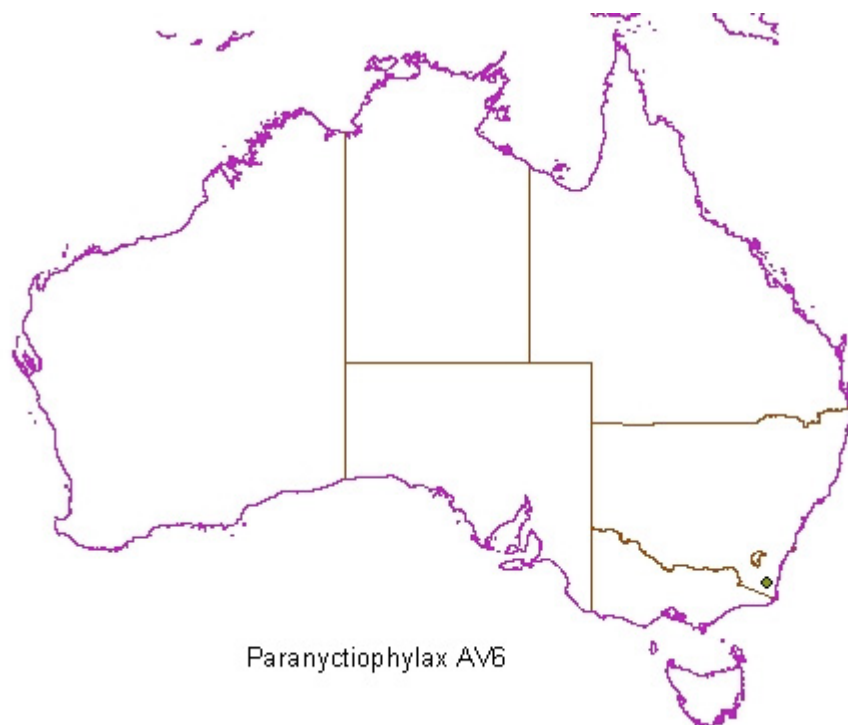
Habitat profile for *Paranyctiophylax* sp. AV6

Paranyctiophylax sp. AV6 was recorded from only 3 New South Wales localities in this study. Previously, this species has been recorded from Victoria (Cartwright 1998).

Paranyctiophylax sp. AV6 was recorded in pool habitat samples from a stream at 540 m altitude, 15.6 km distance from the source, with predominant substrate of gravel and sand. The stream width was 4-6 m, water depth between 0.25-0.5 m, alkalinity of 18-30 mg/L and low conductivity of 44-78 μ S/cm (Chart f).

The following generalities can be made about the other parameters listed in the Table: moderate recorded water temperatures of 10.7-16.6 °C, slightly alkaline pH between 7.3-8, and low turbidity (0-39.4 NTU).

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



Paranyctiophylax AV6

Distribution of *Paranyctiophylax* sp AV3 in Australia.



Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Paranyctiophylax* sp. AV6 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	540	540	540	3
Distance from source (km)	15.6	15.6	15.6	3
Stream width (m)	5	5	4-6	2
Stream depth (m)	0.38	0.38	0.25-0.5	2
Water temperature (°C)	13.7	13.7	10.7-16.6	2
Conductivity (µS/cm)	61	61	44-78	2
pH	7.7	7.7	7.3-8	2
Alkalinity (mg/L)	24.0	24.0	18-30	2
Turbidity (NTU)	19.7	19.7	0-39.4	2
Total N (mg/L)	0.55	0.55	0.55	1
NO ₃ -N (mg/L)	0.035	0.035	0.01-0.06	2
Total P (mg/L)	0.028	0.028	0.01-0.046	2

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)