



FAMILY POLYCENTROPODIDAE

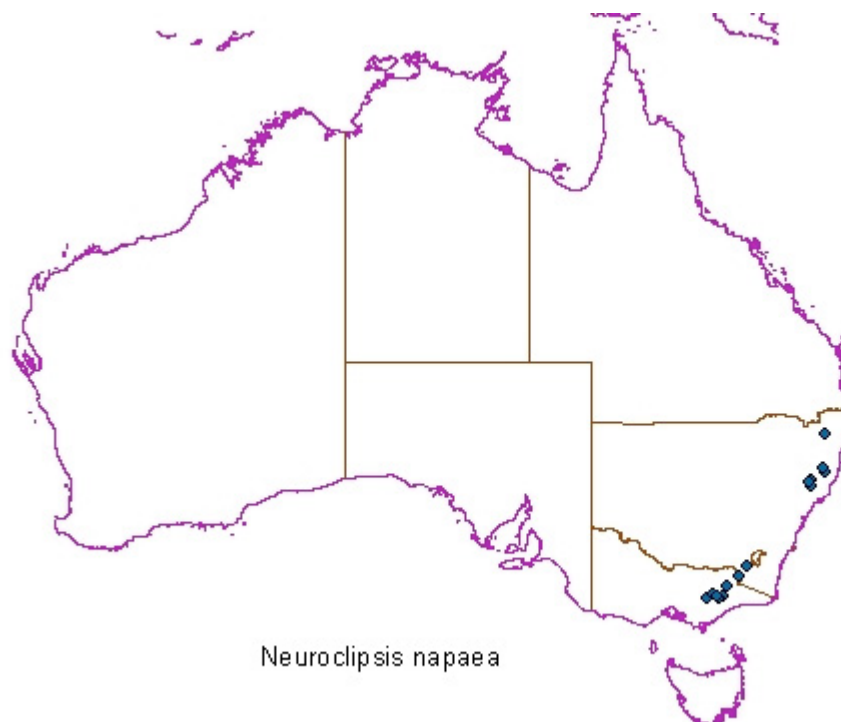
Habitat profile for *Neureclipsis napaea* Neboiss

Neureclipsis napaea was recorded from 40 Victorian and New South Wales localities in this study. This species was previously recorded “from rock substrates, typically in water depths of less than 0.1 m in slower flowing areas of larger upland rivers in south-eastern Australia” (Cartwright 1991).

N. napaea was generally recorded in edge, kick and riffle habitat samples from middle to higher altitude streams between 200-1170 m (Chart a), 12-75 km from the source (Chart b), with predominantly larger sized substrates of boulders, cobble and bedrock with low (11%) detritus cover (Chart c). The streams were generally <20m wide (Chart d), between 0.1-0.6 m deep (Chart e), with low alkalinity between 10-22 mg/L (Chart f) and low conductivity mostly <65 μ S/cm (Chart g).

The following generalities can be made about the other parameters listed in the Table: relatively low to moderate recorded water temperatures (between 7-16.5 °C), pH circum-neutral (range 6.3-8), and very low turbidity (<11 NTU).

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



Distribution of *Neuroclipsis napaea* in Australia.

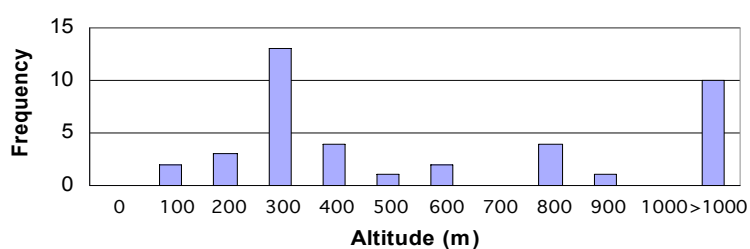


Neuroclipsis napaea, nymph

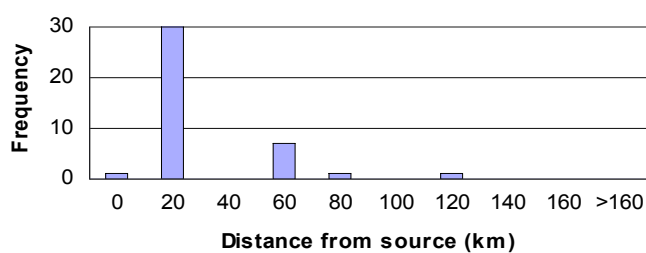


Charts for *Neuroclipsis napaea*

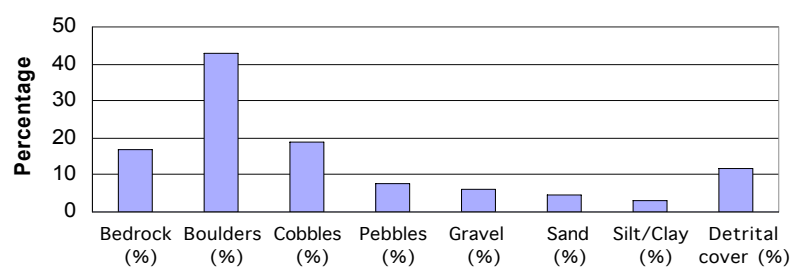
a) Altitude



b) Distance from source

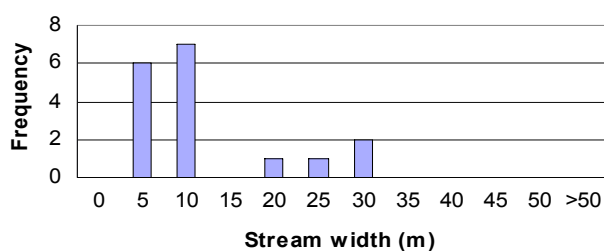


c) Substrate Particle Size

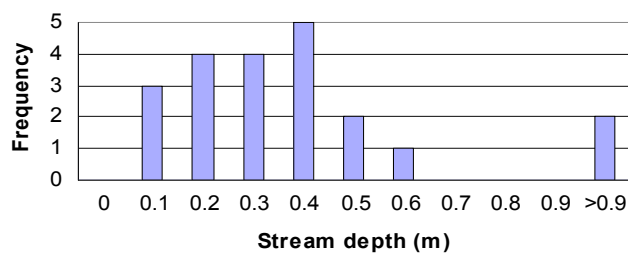




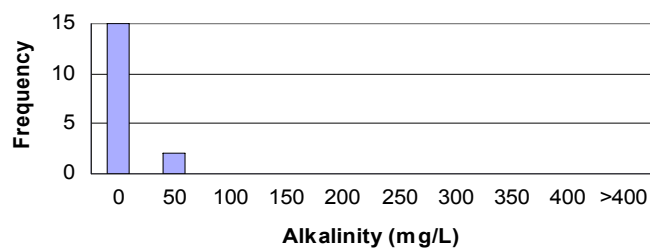
d) Stream Width



e) Depth



f) Alkalinity



g) Conductivity

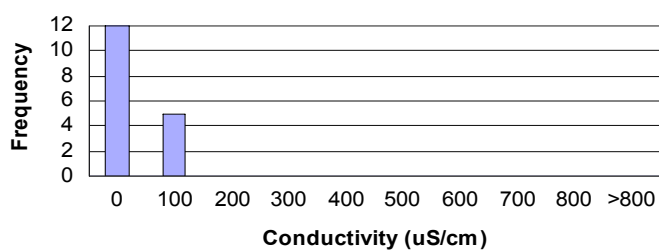




Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *N. napaea* (N= number of records).

	Mean	Median	Range	N
Altitude (m)	583	400	90-1170	40
Distance from source (km)	30.7	23	8-118	40
Stream width (m)	12.1	8	3-30	17
Stream depth (m)	0.38	0.3	0.1-1.0	21
Water temperature (°C)	13	13.4	6.9-21.8	17
Conductivity (µS/cm)	28.4	18	0-84	17
pH	7.3	7.5	5.9-8.2	17
Alkalinity (mg/L)	17.2	16	10-35	17
Turbidity (NTU)	2.6	1.5	0-10	15
Total N (mg/L)	0	0	0	13
NO ₃ -N (mg/L)	0.011	0.01	0.003-0.03	16
Total P (mg/L)	0.013	0.01	0.006-0.024	17

References

Cartwright DI (1991) Description of immature stages of *Neuroclipsis napaea* Neboiss from Australia (Trichoptera: Polycentropodidae), with notes on biology. *Australian Journal of Marine and Freshwater Research* **42**, 47-51.