



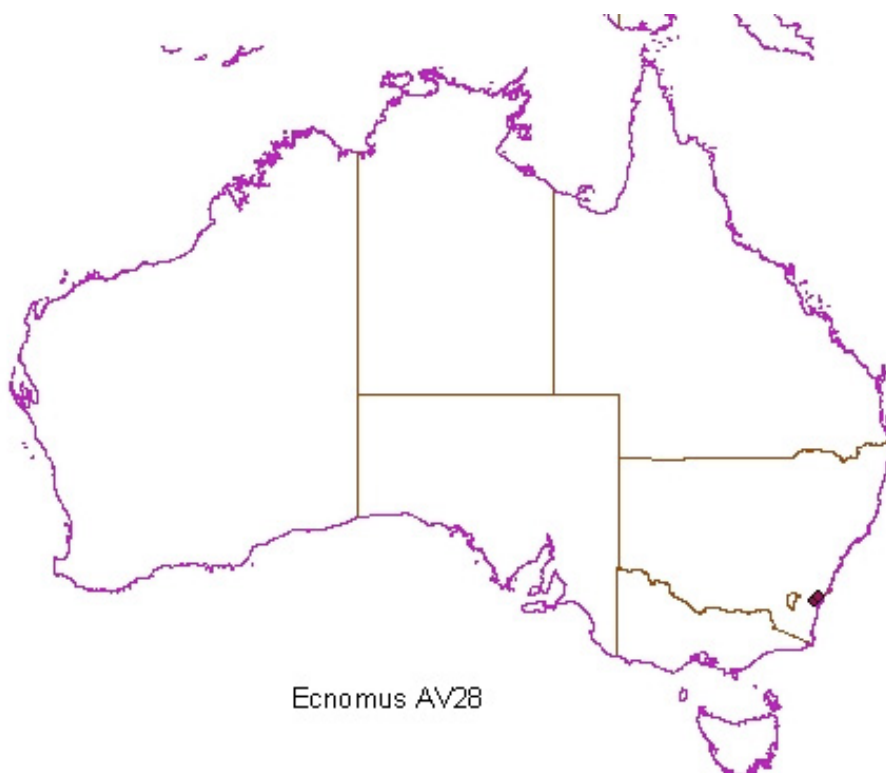
FAMILY ECNOMIDAE

Habitat profile for *Ecnomus* sp. 28

Ecnomus sp. 28 was recorded from only 3 New South Wales localities in this study.

Ecnomus sp. 28 was recorded in pool habitat samples from streams between 50-70 m altitude, between 21-30 km from the source and with a fairly even spread of substrates and near 50% detritus cover. Streams were small between 3-10 m wide, low alkalinity between 10-11 mg/L and low conductivity between 54-112 $\mu\text{S}/\text{cm}$.

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



Distribution of *Ecnomus* sp AV28 in Australia.



Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Ecnomus* sp. 28 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	56.7	50	50-70	3
Distance from source (km)	27.3	30	21-30	3
Stream width (m)	6.5	6.5	3-10	2
Stream depth (m)				
Water temperature (°C)	14.8	14.8	14.8	2
Conductivity (µS/cm)	83	83	54-112	2
pH	6.5	6.5	6-7	2
Alkalinity (mg/L)	10.5	10.5	10-11	2
Turbidity (NTU)	0	0	0	2
Total N (mg/L)				
NO ₃ -N (mg/L)	0.05	0.05	0.05	1
Total P (mg/L)	0.01	0.01	0.01	1