



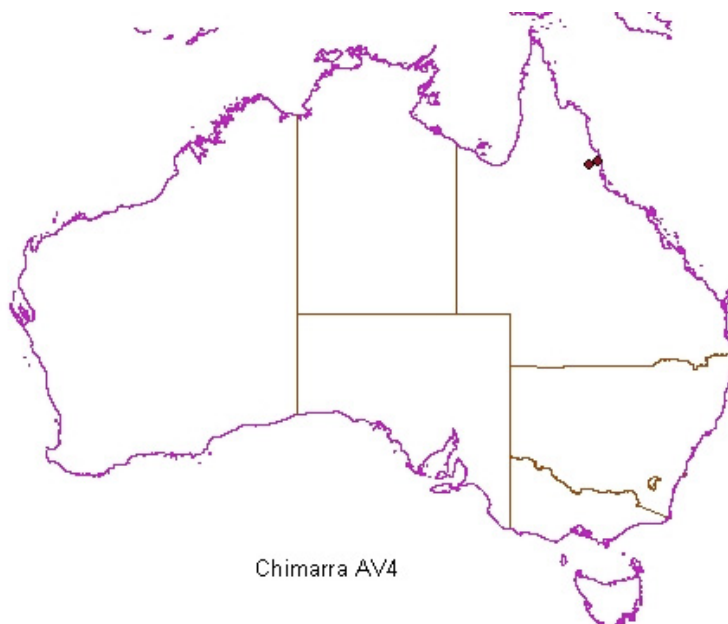
FAMILY PHILOPOTAMIDAE

Habitat profile for *Chimarra* sp. AV4

Chimarra sp. AV4 was recorded from only 2 north east Queensland localities in this study.

Chimarra sp. AV4 was recorded in riffle habitat samples from two streams at widely different altitudes of 40 and 665 m, between 2.5-37 km from the source, the substrate was dominated by larger sized cobbles with low detritus cover. The streams were between 2.5-15 m, depth was <0.1m, alkalinity was low (9-13.5 mg/L) and conductivity low (45-48 μ S/cm).

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



Distribution of *Chimarra* sp AV4 in Australia.



Table. Mean, median and range for selected physical and chemical parameters and habitat categories for **Chimarra** AV4 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	352.5	352.5	40-665	2
Distance from source (km)	19.8	19.8	2.5-37	2
Stream width (m)	8.8	8.8	2.5-15	2
Stream depth (m)	0.08	0.08	0.07-0.1	2
Water temperature (°C)	22.7	22.7	21.9-23.4	2
Conductivity (µS/cm)	46.5	46.5	45-48	2
pH	6.65	6.65	6.6-6.7	2
Alkalinity (mg/L)	11.4	11.4	9.3-13.5	2
Turbidity (NTU)	0.75	0.75	0.5-1.0	2
Total N (mg/L)	0.26	0.26	0.21-0.31	2
NO ₃ -N (mg/L)				
Total P (mg/L)	0.011	0.011	0.008-0.013	2