



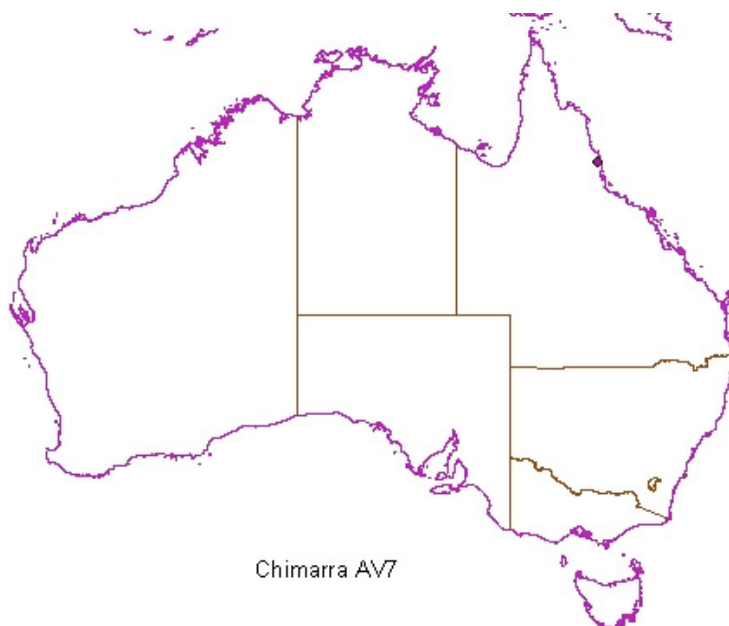
FAMILY PHILOPOTAMIDAE

Habitat profile for *Chimarra* sp. AV7

Chimarra sp. AV7 was recorded from only 1 north Queensland locality in this study.

At this site *Chimarra* sp. AV7 was recorded in a riffle habitat from a stream at 40 m altitude, only 2.5 km from the source, with predominantly cobble substrates with 5 % detritus cover. The stream was 2.5 m wide, very shallow (0.07m deep) with low alkalinity of 9.3 mg/L and low conductivity of 45 μ S/cm.

Selected physical and chemical parameters and habitat categories are given in the Table.



Distribution of *Chimarra* sp AV7 in Australia.

Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Chimarra* sp. AV7 (N= 1).

Altitude (m)	40
Distance from source (km)	2.5
Stream width (m)	2.5
Stream depth (m)	0.07
Water temperature ($^{\circ}$ C)	21.9
Conductivity (μ S/cm)	45
pH	6.6
Alkalinity (mg/L)	9.3
Turbidity (NTU)	0.5
Total N (mg/L)	0.21
NO ₃ -N (mg/L)	
Total P (mg/L)	0.13