



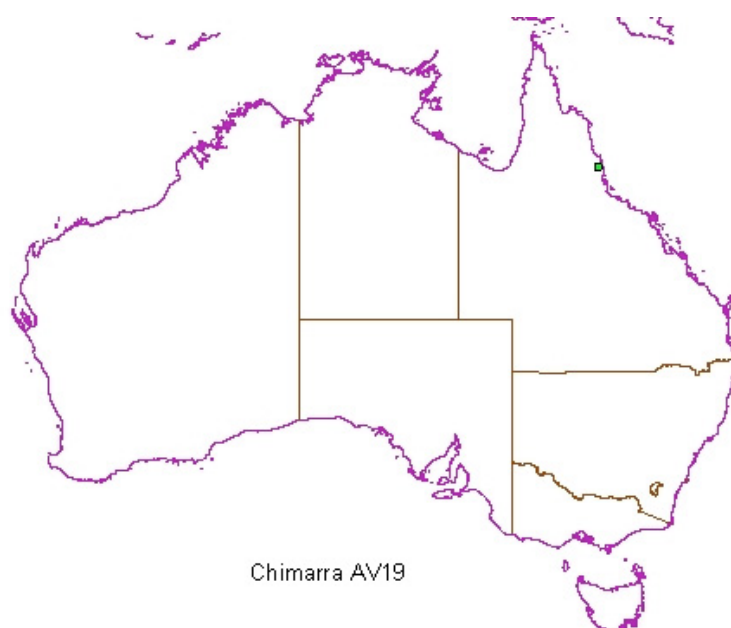
FAMILY PHILOPOTAMIDAE

Habitat profile for *Chimarra* sp. AV19

Chimarra sp. AV19 was recorded from only 1 north Queensland locality in this study

Chimarra sp. AV19 was recorded in a riffle habitat sample from a stream at 40 m altitude, only 2.5 km from the source, with predominantly cobble substrate with low detritus cover. The stream was 2.5 m wide and had low alkalinity (9.3 mg/L) and conductivity (45 µS/cm).

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



Distribution of *Chimarra* sp AV19 in Australia

Table. Selected physical and chemical parameters and habitat categories for *Chimarra* sp. AV19 (N= 1).

Altitude (m)	40
Distance from source (km)	2.5
Stream width (m)	2.5
Stream depth (m)	0.07
Water temperature (°C)	21.9
Conductivity (µS/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