



FAMILY PHILOPOTAMIDAE

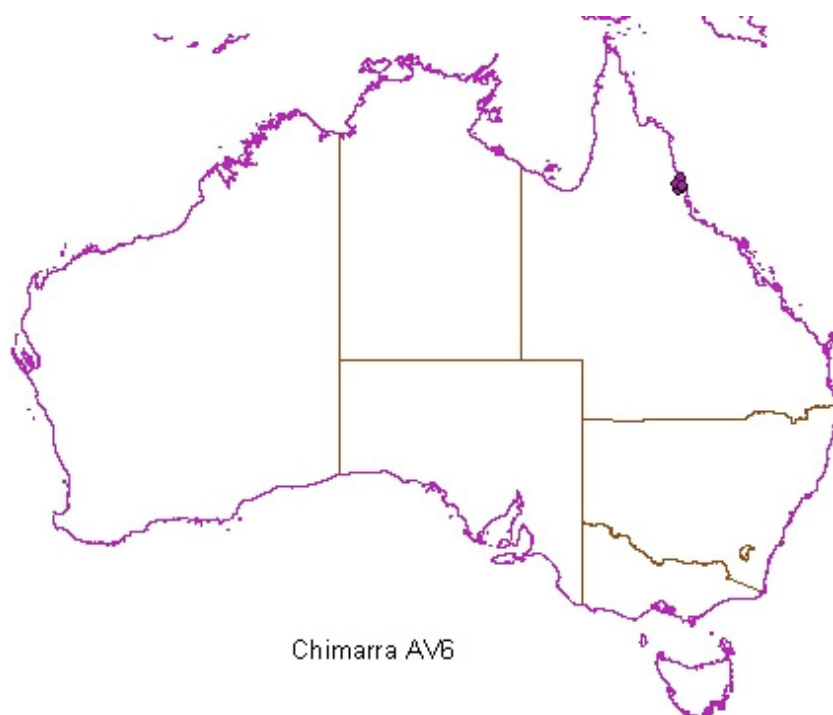
Habitat profile for *Chimarra* sp. AV6

Chimarra sp. AV6 was recorded from 5 north east Queensland localities in this study.

Generally, *Chimarra* sp. AV6 was recorded in riffle habitat samples from streams between 7-685 m altitude (Chart a), between 21-97 km from the source (Chart b), the substrate was dominated by larger sized substrates of cobbles and pebbles with <2% detritus cover (Chart c). Streams ranged between 7-95 m wide (Chart d) and <0.4m deep (Chart e), with low alkalinity between 12-25.5 mg/L (Chart f) and low conductivity between 44-65 μ S/cm (Chart g).

The following generalities can be made about the other parameters listed in the Table: recorded water temperatures were relatively high between 22.7-24.6 °C, pH slightly alkaline ranging from 7-7.7 and very low turbidity (<2.5 NTU).

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



Distribution of *Chimarra* sp AV6 in Australia.

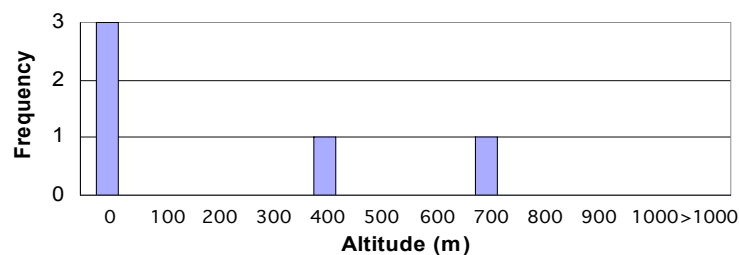


Typical habitat for *Chimarra* sp AV6

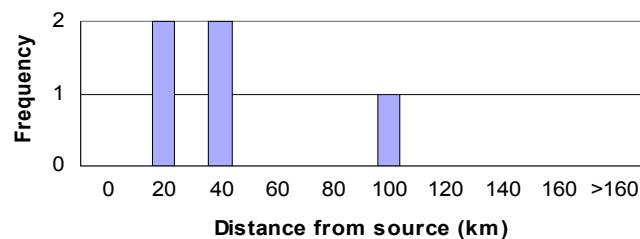


Charts for *Chimarra* sp AV6

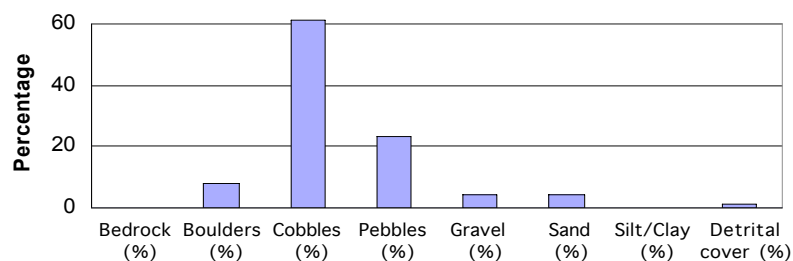
a) Altitude



b) Distance from source

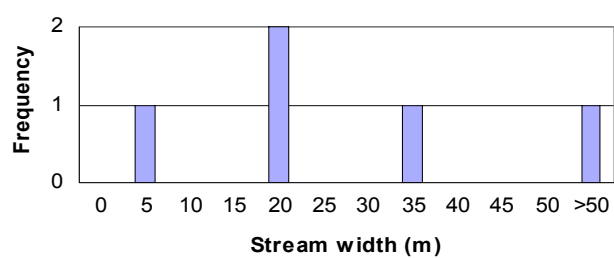


c) Substrate Particle Size

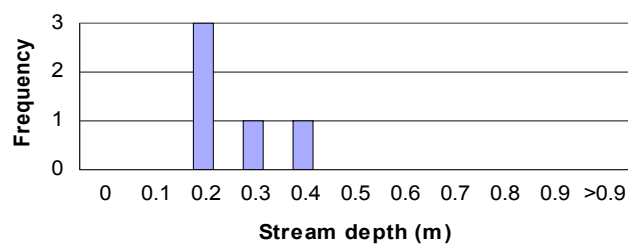




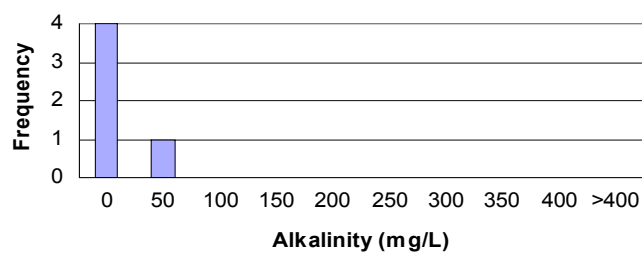
d) Stream Width



e) Depth



f) Alkalinity



g) Conductivity

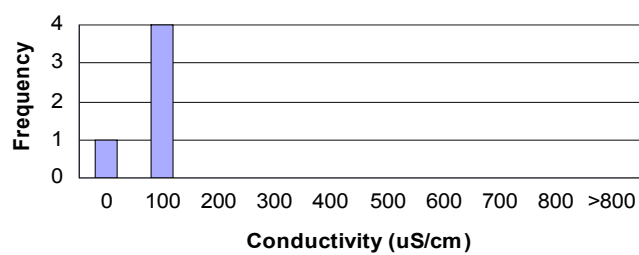




Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Chimarra* AV6 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	226	19	7-685	5
Distance from source (km)	45	31	21-97	5
Stream width (m)	36	20	7-95	5
Stream depth (m)	0.24	0.20	0.15-0.4	5
Water temperature (°C)	23.8	23.9	22.7-24.6	5
Conductivity (µS/cm)	53.4	51	44-65	5
pH	7.3	7.2	7-7.7	5
Alkalinity (mg/L)	17.3	16.5	12-25.5	5
Turbidity (NTU)	0.8	0.5	0.5-2.0	5
Total N (mg/L)	0.19	0.16	0.16-0.31	5
NO ₃ -N (mg/L)				
Total P (mg/L)	0.013	0.012	0.011-0.02	5