



Family Leptophlebiidae

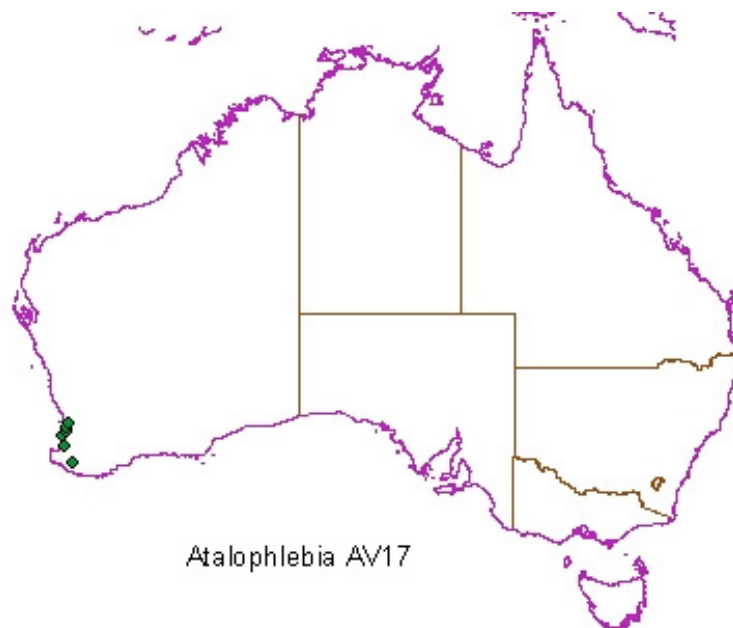
Habitat Profile for *Atalophlebia* AV17

Atalophlebia sp. AV17 was recorded from 6 localities from the south-west of Western Australia in this study.

Atalophlebia sp. AV17 was recorded in channel habitat samples from lowlands streams <200 m altitude (Chart a), 40-80 km from the source (Chart b), with predominantly sand substrate with detritus < 15% cover (Chart c), small stream with width <15m (Chart d), low alkalinity between 15-70 mg/L (Chart e) and moderate conductivity between 285-1070 μ S/cm (Chart f).

The following generalities can be made about the other parameters listed in the Table: water temperature range 12.5-16.1 °C, pH slightly acidic, in range of 5.6-7.6, and low turbidity (<24 NTU).

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



Distribution of *Atalophlebia* AV17 in Australia



Table. Mean, median and range for selected physical and chemical parameters and habitat categories for *Atalophlebia* sp. AV17 (N= number of records).

	Mean	Median	Range	N
Altitude (m)	38	20	7-125	6
Distance from source (km)	61	70	22-78	6
Stream width (m)	6.8	4.5	3-15	6
Stream depth (m)				
Water temperature (°C)	14.5	14.6	12.5-16.1	6
Conductivity (µS/cm)	513	434	285-1070	6
pH	6.9	7.2	5.6-7.6	6
Turbidity (NTU)	8.5	4.5	4-24	6
NO ₃ -N (mg/L)	0.495	0.475	0.040-1.210	6
Total N (mg/L)	1.083	1.030	0.610-1.800	6
Total P (mg/L)	0.073	0.060	0.020-0.170	6
Alkalinity (mg/L)	34	29	15-70	6