



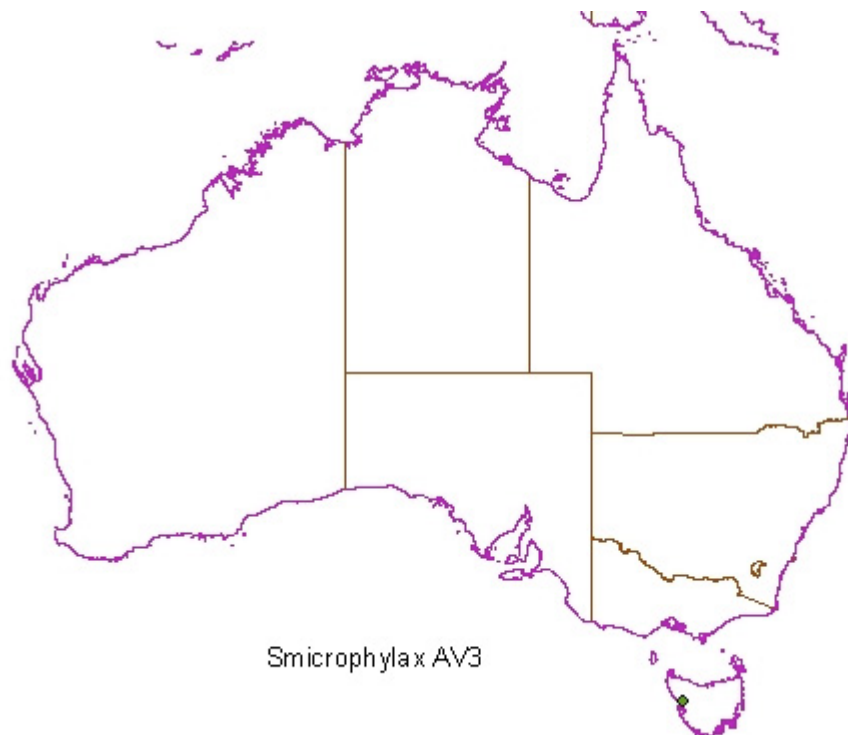
## FAMILY HYDROPSYCHIDAE

### Habitat profile for *Smicrophylax* sp. AV3

*Smicrophylax* sp. AV3 was recorded from only 1 Tasmanian locality in this study. It has previously been recorded from Tasmania (Dean 1999).

*Smicrophylax* sp. AV3 was recorded in a riffle habitat sample from a stream at 140 m altitude, a distance of 5 km from the source, with a stream width of 6 m, a mean depth of 0.01 m, a low alkalinity of 17 mg/L and medium conductivity of 91.5  $\mu$ S/cm.

Values for the chemical parameters and habitat categories are given in the Table.



Distribution of *Smicrophylax* sp AV3 in Australia.

*Smicrophylax* sp AV3, larva





**Table.** Mean, median and range for selected physical and chemical parameters and habitat categories for *Smicrophylax* sp. AV3 (N= 1).

Altitude (m)	140
Distance from source (km)	5
Stream width (m)	6
Stream depth (m)	0.01
Water temperature (°C)	9.2
Conductivity (µS/cm)	91.5
pH	6.4
Alkalinity (mg/L)	17
Turbidity (NTU)	2.8
Total N (mg/L)	0.13
NO <sub>3</sub> -N (mg/L)	0.008
Total P (mg/L)	0.007

## References

Dean JC (1999) 'Preliminary keys for the identification of the Australian Trichoptera larvae of the family Hydropsychidae.' (Cooperative Research Centre for Freshwater Ecology: Albury)