



## *Beddomeia hermansi* Ponder & Clark, 1993



*Beddomeia hermansi* (adult size 2.8-3.4 mm)



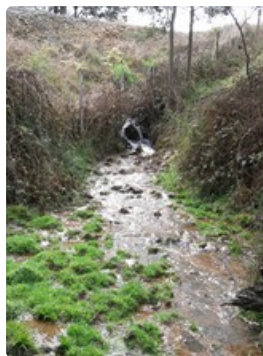
*Beddomeia hermansi* living animal. Photo K. Richards.



Distribution of *Beddomeia hermansi*.



*Beddomeia hermansi* egg capsules. Photo K. Richards.



*Beddomeia hermansi* type locality. Photo K. Richards.

### Diagnostic features

Species of the *B. hullii* group are found in the northern half of Tasmania. Their shells are small (1.7-3.7 mm in length; most less than 3.5 mm), simple, ovate-conic to broadly conic, with a thin inner lip and no columellar bulge. The periphery of the last whorl of the shell is rounded, subangled or angled and the penis simple.

Differs from other species from north central Tasmania (excluding *B. lodderae*) in radula having U-shaped median cusp on central teeth.

## Classification

*Beddomeia hermannsi* Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

*Original name:* *Beddomeia hermannsi* Ponder & Clark, 1993. In Ponder, W.F., Clark, G.A., Miller, A. & Toluzzi, A. 1993. On a major radiation of freshwater snails in Tasmania and eastern Victoria - a preliminary overview of the *Beddomeia* group (Mollusca: Gastropoda: Hydrobiidae). *Invertebrate Taxonomy*, 7: 501-750.

*Type locality:* Top end of Viking Creek, tributary of Wilmot River, Tasmania (41°16'23"S 146°11'17"E).

## Biology and ecology

On leaves and pieces of small wood in stream. Egg capsules presumably like those of other species of *Beddomeia* - dome-shaped, with broad attachment base, covered with minute, mainly white sand grains and other fragments and containing a single egg. Development direct.

## Distribution

Top end of Viking Creek, tributary of Wilmot River, Tasmania. Recently translocated to a nearby large stream (Richards & Hawkins, 2015).

## Notes

All species of *Beddomeia* are geographically isolated and have restricted ranges.

This species is on the Tasmanian Threatened Species Protection Act 1995 as Endangered.

## Further reading

Ponder, W. F., Clark, G. A., Miller, A. C. & Toluzzi, A. (1993). On a major radiation of freshwater snails in Tasmania and eastern Victoria: a preliminary overview of the *Beddomeia* group (Mollusca: Gastropoda: Hydrobiidae). *Invertebrate Taxonomy* 7: 501-750.

Richards, K. & Hawkins, C. (2015). *Beddomeia hermannsi* translocation project - Establishment report. Unpublished report to the Threatened Species Section, Department of Primary Industries, Parks, Water and Environment, Hobart.

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