



***Beddomeia waterhouseae* Ponder & Clark, 1993**



Beddomeia waterhouseae (adult size 2.7-3.3 mm)



Distribution of *Beddomeia waterhouseae*.

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.

The differences in shell morphology between the very similar taxa *B. lodderae*, *B. waterhouseae* and *B. forthensis*, show no significant differences in shell characters, however there are some subtle differences. *B. waterhouseae* has a slightly thinner shell with the outer lip evenly curved into the suture, whereas in *B. lodderae*, it is slightly shouldered at the suture. In addition, the umbilicus is very narrowly open and the chink more distinct in *B. waterhouseae* and the inner lip is thinner and narrower. *B. forthensis* is smaller, thinner and has fewer whorls.

Classification

Beddomeia waterhouseae Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: *Beddomeia waterhouseae* 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: Small tributary of Little Claytons Rivulet, Tasmania.

Biology and ecology

On leaves and stones 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

Small tributary of Little Claytons Rivulet, Tasmania.

Notes

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

This species is on the Tasmanian Threatened Species Protection Act 1995 as Rare (small population at risk).

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.

To cite this resource: **Ponder, W. F., Hallan, A., Shea, M. E., Clark, S. A., Richards, K., Klunzinger, M. W., and Kessner, V. 2023. Australian Freshwater Molluscs. Revision 2.**

https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/

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