



## ***Beddomeia zeehanensis* Ponder & Clark, 1993**



*Beddomeia zeehanensis* (adult size 2.6-3.3 mm)



Distribution of *Beddomeia zeehanensis*.

### **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.

This species differs from other members of the group in its broader shell; mantle cavity with more ctenidial filaments (24-27) and renal organ in pallial roof; radula with lateral edges of central teeth curved inwards.

### **Classification**

*Beddomeia zeehanensis* Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

*Original name: Beddomeia zeehanensis* Ponder & Clark, 1993. In 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.

*Type locality:* Tributary of Little Henty River, at Zeehan Road, Tasmania.

## Biology and ecology

This species lives in a large stream mainly under rocks, but also on aquatic vegetation and roots, particularly in the more sheltered parts. 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

Known from a tributary of Little Henty River, 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.

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To contact the authors for comment or suggestions, please email: [fwmollusc@gmail.com](mailto:fwmollusc@gmail.com)

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