



Beddomeia tasmanica (Tenison Woods, 1876)



Beddomeia tasmanica (adult size 1.6-1.8 mm)



Beddomeia tasmanica living. Photo K. Richards.



Distribution of *Beddomeia tasmanica*.



Beddomeia tasmanica living on dead leaf. Photo K. Richards.

Diagnostic features

Species in the *B. tasmanica* group have small shells (length 1.2-2.8 mm) with a depressed spire and open umbilicus. The penis is simple.

This species differs from other members of the group in its small shell (< 2 mm in length and width), about equal in length and width, with a prominent umbilicus; the mantle cavity has an arched rectum on the roof and the radula has the dorsal edge of the central teeth with a shallow indentation.

Classification

Beddomeia tasmanica (Tenison Woods, 1876)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: *Valvata tasmanica* Tenison Woods, 1876. In Woods, J. E. Tenison (1876). On the freshwater shells of Tasmania. *Papers and Proceedings of the Royal Society of Tasmania* 1875: 66-82.

Type locality: 'Small trickling stream in Gould's Country'.

Biology and ecology

Under stones and rocks in deeper streams. The white egg capsules are laid on the undersides of rocks and are 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

This species is known from a small number of streams (Groom River catchment) in Goulds Country and its surroundings, north-eastern 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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https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/

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