



***Beddomeia franklandensis* Ponder & Clark, 1993**



Beddomeia franklandensis (adult size 1.8-2.6 mm)



Distribution of *Beddomeia franklandensis*.

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 and *B. trochiformis* are similar and probably closely related. They differ from the generally similar *B. kessneri* in lacking a pallial tentacle and pigmentation of the head-foot. It also differs in having a simple arched rectum, two loops in the proximal coiled oviduct, a more elongate, narrower penis, a compressed (not swollen) prostate gland, and about 1/2 of the albumen gland lies in the pallial roof.

Classification

Beddomeia franklandensis Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: Beddomeia franklandensis 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: Frankland River at Balfour, northern Tasmania.

Biology and ecology

Under large stones and rock slabs in deeper parts of the river. White egg capsules laid on the undersides of rocks are typical 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 the Frankland River in northern 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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