



Beddomeia kessneri Ponder & Clark, 1993



Beddomeia kessneri (adult size 2.1-2.8 mm)



Distribution of *Beddomeia kessneri*.

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.

Beddomeia kershawi differs from other members of this group in having a more ovate shell (i.e. higher spire); mantle cavity with small pallial tentacle (absent in other species), short S-shaped rectum and wider ctenidium; male genital system with prostate gland extending more into pallial roof, penis with short (not long), tapering distal end; female genital system with single bend in proximal and distal sections of coiled oviduct, bursal duct and oviduct join in front of posterior pallial wall and more than 2/3 of albumen gland in pallial roof.

Classification

Beddomeia kessneri Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: Beddomeia kessneri 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: Dip Falls, above falls, Tasmania.

Biology and ecology

Under large stones and rock slabs in deeper parts of the river. 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 Dip Falls in northwest Tasmania.

Notes

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

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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