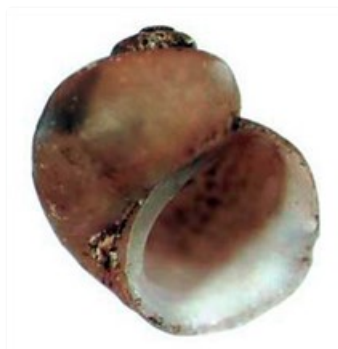




***Beddomeia petterdi* Ponder & Clark, 1993**



Beddomeia petterdi (adult size 3-3.6 mm)



Distribution of *Beddomeia petterdi*.



Beddomeia petterdi habitat - Blythe River. Photo K. Richards.

Diagnostic features

Species in the *B. paludinella* group have rather large shells for the genus (2.8-5.6 mm in length), with depressed spire and broad, thickened inner lip. Penis simple. Found in the western part of the middle north coast of Tasmania.

This species differs from species of the group with respects to its narrower radula, its mantle cavity with fewer ctenidial filaments and osphradium with simple anterior end, and male genital system with a pallial vas deferens with strong anterior undulations and long, tapering distal end of penis (short in other taxa). Furthermore, it has a female genital system with a single bend in proximal coiled oviduct and narrow (not pyriform) seminal receptacle.

Classification

Beddomeia petterdi Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: Beddomeia petterdi 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: Small tributary of Blythe River on South Riana Road, northern Tasmania (note that this site is now compromised by upstream impoundment- Karen Richards pers. comm.).

Biology and ecology

Under stones in pools. 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 taxon is known from the Blythe 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 Endangered.

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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