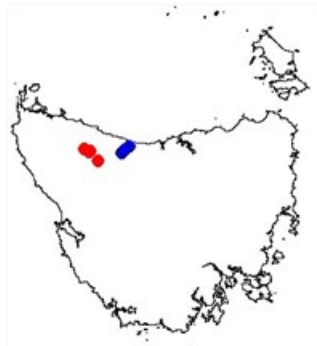




Beddomeia paludinella paludinella (Reeve, 1858)



Beddomeia paludinella paludinella (adult size 3.7-5.6 mm)



Distribution of *Beddomeia paludinella paludinella* (red) and *B. paludinella levenensis* (blue).

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 other members of the group in possessing a mantle cavity with a hooked osphradium (also in *B. paludinella levenensis*) and 7-9 horizontal ridges on hypobranchial gland. Furthermore, its female genital system has an initial bend in the coiled oviduct which is almost horizontal.

Classification

Beddomeia paludinella paludinella (Reeve, 1857)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: Littorina paludinella Reeve, 1858. In Reeve, L. H. (1858). Monograph of the genus *Littorina*. *Conchologia Iconica* 10, plates 17-18.

Type locality: Hellyer River, Tasmania.

Biology and ecology

This species lives on the sides and on top of rocks in flowing water. 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

This taxon is known from the Hellyer River and Hellyer Gorge, 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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