



***Beddomeia wilmotensis* Ponder & Clark, 1993**



Beddomeia wilmotensis (adult size 3.2-3.8 mm)



Distribution of *Beddomeia wilmotensis*.

Diagnostic features

Species of the *B. launcestonensis* group are of medium size for the genus (2.0-4.2 mm in length), and rather globular. Their penis is simple. Found in the mid north and north-eastern parts of Tasmania.

This species differs from other members of this group in possessing fewer ctenidial filaments (16-18) in the mantle cavity.

Classification

Beddomeia wilmotensis Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: *Beddomeia wilmotensis* 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: North of Spellmans Bridge on the western side of the Wilmot River, northern Tasmania.

Biology and ecology

This species was found living under deeply embedded stones in a small, damp seepage protected by blackberries and ferns. It lacks body and eye pigment, probably a response to its semi-troglobitic existence. 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 species is known from the catchment of the Wilmot River in 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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