



Beddomeia salmonis Ponder & Clark, 1993



Beddomeia salmonis (adult size 2.7-3.3 mm)



Distribution of *Beddomeia salmonis*.



Beddomeia salmonis egg capsules. Photo: K. Richards.



Detail of egg capsule of *Beddomeia salmonis*. Photo: K. Richards.

Diagnostic features

Species included in the *B. bellii* group are small to medium-sized (2.3-3.0 mm in length), ovate-conic to ovate and usually have a columella swelling. The penis is simple (as in *B. bellii* and *B. protuberata*) or with a lenticular brown gland in the middle. Species in this group are restricted to north-western Tasmania.

Differs from other related species *Beddomeia mesibovi*, *B. topsiae*, *B. gibba* and *B. fultoni* [1] [2] in the male genital system having small (not large) lobes on the concave medial edge of the penis and the prostate gland

extends less (about 1/3) into the pallial roof.

Classification

Beddomeia salmonis Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: Beddomeia salmonis 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 Salmon River at junction of Salmon Rd, and Lerunna Rd, Tasmania.

Biology and ecology

On wood in streams. Egg capsules atypical of *Beddomeia*, with flattened dorsal surface. Contain a single egg. Development direct.

Distribution

This species is only known from the Salmon 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 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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