



## ***Beddomeia inflata* Ponder & Clark, 1993**



*Beddomeia inflata* (adult size 3.6-4.2 mm)



Distribution of *Beddomeia inflata*.

### **Diagnostic features**

This species is a member of the *B. launcestonensis* group which are of medium size for the genus (2-4.2 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 its central teeth of the radula possessing straighter dorsal edges; female genital system with bend in distal coiled oviduct; mantle cavity with rectum a short S-shape (also in *B. wilmotensis*, but differs from that species in the coiled oviduct extending to the posterior edge of the bursa copulatrix and the posterior end of the ctenidium overlapping the pericardium).

### **Classification**

*Beddomeia inflata* Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

*Original name: Beddomeia inflata* 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:* Heathcote Creek, on Castra Road, Upper Castra, 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 a small stream in weedy, cleared land which flows from the village of Upper Castra.

## 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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