



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



*Beddomeia trochiformis* (adult size 2.2-2.7 mm)



Distribution of *Beddomeia trochiformis*.

### **Diagnostic features**

Species in the *B. tasmanica* group have small shells (length 1.2-2.8 mm) with a depressed spire and open umbilicus. The penis is simple.

This species differs from other members of the group in possessing a radula with a moderately indented dorsal edge of the central teeth, the latter also with teeth steeper outer edges (40°, compared with 45°) and ratio of lateral teeth cutting edge to shaft 0.5 (~0.43 in other taxa); mantle cavity with fewer ctenidial filaments (15-19); female genital system with initial U-bend of coiled oviduct orientated obliquely backwards (not dorso-ventral).

### **Classification**

*Beddomeia trochiformis* Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

*Original name: Beddomeia trochiformis* 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:* Bowry Creek, tributary of Savage River, side road off Corinna Road, Tasmania.

## Biology and ecology

Under stones in streams. The white egg capsules are laid on the undersides of stones 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 (and *B. franklandensis*) occur in westward draining rivers in the north-western part of Tasmania. It is very common in the type locality.

## 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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