



## *Beddomeia capensis* Ponder & Clark, 1993



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



Distribution of *Beddomeia capensis*.



The stream in which *Beddomeia capensis* occurs at Table Cape. Photo K. Richards.

### Diagnostic features

Species of the *B. hullii* group are found in the northern half of Tasmania. Their shells are small (1.7-3.7 mm in length; most less than 3.5 mm), simple, ovate-conic to broadly conic, with a thin inner lip and no columellar bulge. The periphery of the last whorl of the shell is rounded, subangled or angled and the penis simple.

This species differs from other members of this group with regards to its slender shell; female genital system with bursal duct entering bursa antero-dorsally, coiled oviduct not reaching posterior edge of bursa copulatrix and genital opening large and anteriorly directed.

### Classification

*Beddomeia capensis* Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Beddomeia* Petterd, 1889

Original name: *Beddomeia capensis* 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*: In small stream between two dams near Table Cape Lighthouse, Tasmania.

## Biology and ecology

This species lives on and under stones and leaves in small streams. 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

Known from small streams near Table Cape Lighthouse, 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 Endangered.

## 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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