



Phrantela bobbrowni Ponder & Clark, 1993



Phrantela bobbrowni (adult size 2.8-3.9 mm)



Distribution of *Phrantela bobbrowni*.

Diagnostic features

This species differs from all other *Phrantela* species in having a rather broadly ovate shell which resembles that of several species of *Beddomeia* in shape. It differs from all species in that genus, however, by having a rather long slit-like female genital opening, and an otherwise typical female genital system.

Classification

Phrantela bobbrowni Ponder & Clark, 1993

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Phrantela* Iredale, 1943

Original name: Phrantela bobbrowni 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: Tributary of Giblin River, Tasmania (43°02'03" S, 145°44'56" E).

Biology and ecology

In weed, plant debris and on wood. Egg capsules unknown but probably like those of an unnamed species of *Phrantela*; small, with single embryo, and covered in coarse sand grains. Development direct.

Distribution

The holotype of this species occurs in a small, swampy stream (tributary of Giblin River) where it is sympatric with a species of *Austropyrgus* and two other species of *Phrantela*: *P. daveyensis tristis* and *P. angulifera*. The species also occurs in a tributary of the Olga River (large stream) and in a small tributary of Dismal Creek (tributary of Hardwood River), southwest Tasmania.

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.

To cite this resource: **Ponder, W. F., Hallan, A., Shea, M. E., Clark, S. A., Richards, K., Klunzinger, M. W., and Kessner, V. 2023. Australian Freshwater Molluscs. Revision 2.**

https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/

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