



***Phrantela marginata* (Petterd, 1889)**

Diagnostic features

The shell of *P. marginata* is narrower than nearly all other species and



Phrantela marginata (adult size 3.2-4 mm)



Distribution of *Phrantela marginata*.

has a relatively smaller last whorl than any other species. This species is generally similar to *P. annamurrayae* and *P. conica* [1] [2] which all have a long, narrow penis with a narrow base and an undulating penial duct.

Classification

Phrantela marginata (Petterd, 1889)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Phrantela* Iredale, 1943

Original name: *Potamopyrgus* (?) *marginata* Petterd, 1889. In Petterd, W. F. (1889). Contributions for a

systematic catalogue of the aquatic shells of Tasmania. *Papers and Proceedings of the Royal Society of Tasmania* 1888, 60-83.

Type locality: A small stream near Heazlewood River, Tasmania.

Biology and ecology

This species lives mainly amongst aquatic vegetation, it is also found in root mats in the bed of a small trickle. 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

This species is known from a few localities in a small area along Thirteen Mile Creek, a tributary of the Heazlewood River, northwest Tasmania.

Notes

This species is on the Tasmanian Threatened Species Protection Act 1995 as Rare (small population at risk).

Further reading

Petterd, W. F. (1889). Contributions for a systematic catalogue of the aquatic shells of Tasmania. *Papers and Proceedings of the Royal Society of Tasmania* 1888: 60-83.

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.

Smith, B. J. (1992). Non-marine Mollusca. Pp. i-xii, 1-408 in W. W. K. Houston. *Zoological Catalogue of Australia*, 8. Canberra, Australian Government Publishing Service.

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/

To contact the authors for comment or suggestions, please email: fwmollusc@gmail.com

Copyright © 2023. All rights reserved. The Australian Museum.

