



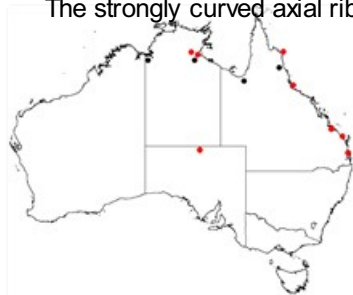
***Sermyla* cf. *riqueti* Grateloup, 1840**

Diagnostic features

The strongly curved axial ribs on spire whorls and the apical half of the



Sermyla cf. *riqueti* (adult size 6-9 mm)



Distribution of *Sermyla* cf. *riqueti*. Black dots indicate additional records from Glaubrecht et al. (2009).

last whorl, and spiral ribs on the basal half, are characteristic.

Classification

Sermyla cf. ***riqueti*** Grateloup, 1840

Class Gastropoda

Infraclass Caenogastropoda

Megaorder Cerithiimorpha

Order Cerithiida

Superfamily Cerithioidea

Family Thiaridae

Genus *Sermyla* H & A. Adams, 1854

Original name: *Melania riqueti* Grateloup, 1840. In Grateloup, J. P. S. de 1840. Description de plusieurs coquilles nouvelles ou peu connues de mollusques exotiques vivants. - Actes de la Société Linnéenne de

Bordeaux 6 (36) 433.

Type locality: 'Batavia, Samarang'. (ie Jakarta, Java, Indonesia). Grateloup, 1840 mentioned 'Bombay' in India as "locus typicus" but this is inconsistent with the type material label [Glaubrecht, et. al. 2009].

Synonyms: *Melania tornatella* Lea and Lea, 1851; *Melania sculpta* Souleyet, 1852.

Biology and ecology

On and in sediment, rocks and water weeds in estuarine and freshwater rivers, streams, lakes and dams. Presumably a detritus feeder. Reproduction unstudied.

Distribution

Northern Territory and Queensland coastal areas with an isolated population at Dalhousie Springs in northern South Australia. Extraliminally, the species occurs in India, SE Asia, the Philippines, the Bismark Archipelago and the Solomon Islands.

Notes

Known to be an intermediate host of *Paramonostomum philippinense*, a trematode that infects birds such as chickens and ducks.

Further reading

Brandt, R. A. M. (1974). The non-marine aquatic Mollusca of Thailand. *Archiv Für Molluskenkunde* 105: 1-423.

Glaubrecht, M., Brinkmann, N. & Pöppe, J. (2009). Diversity and disparity 'down under': systematics, biogeography and reproductive modes of the 'marsupial' freshwater Thiaridae (Caenogastropoda, Cerithioidea) in Australia. *Zoosystematics and Evolution* 85: 199-275.

Iredale, T. (1943). A basic list of the fresh water Mollusca of Australia. *Australian Zoologist* 10: 188-230.

Maaß, N. & Glaubrecht, M. (2012). Comparing the reproductive biology of three "marsupial", eu-viviparous gastropods (Cerithioidea, Thiaridae) from drainages of Australia's monsoonal north. *Zoosystematics and Evolution* 88: 293-315.

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/

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