Gabbia vertiginosa (Frauenfeld, 1862)

Gabbia vertiginosa (adult size 5-7.4 mm)

Distribution of *Gabbia vertiginosa*.

Diagnostic features

This rather variable species has a smooth ovate-conic to conic shell, with convex whorls and a very narrow or closed umbilicus. A few specimens have weak spiral ridges on the last whorl and this character is variably developed within single samples, with other specimens being completely smooth.

Classification

Gabbia ***vertiginosa*** (Frauenfeld, 1862)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Bithyniidae

Genus Gabbia Tryon, 1865

Original name: *Bithynia vertiginosa* Frauenfeld, 1862. *In* Frauenfeld, G.R. v. (1862) Versuch einer Aufzählung der Arten der Gattung *Bithynia* Lch. und *Nematura* Bns. nach der kaiserlichen und Cuming's Sammlung. *Verhandlungen der Kaiser-Königlichen Zoologisch-Botanischen Gesellschaft in Wien* 12: 1145-1161.

Type locality: " New Holland".

Synonyms: *Bithynia schraderi* Frauenfeld, 1862; *Gabbia australis* Tryon, 1865; *Bithinia hyalina* Brazier, 1875; *Gabbia australis suspecta* Iredale, 1944.

This species was known as *Gabbia australis* prior to Ponder's (2003) revision.

Biology and ecology

Lives in mud in shallow water in ponds, farm dams, swamps and sluggish creeks, including temporary water bodies.

Distribution

Southeast Queensland to mid-New South Wales (south of Sydney), with most records from western Sydney and the New England tablelands, including the western slopes as far west as the vicinity of Narrabri, New South Wales.

Further reading

Koch, M. (2004). Observations of the reproduction and population structure of the caenogastropod, *Gabbia vertiginosa* Frauenfeld, 1862 (Rissooidea: Bithyniidae). *Molluscan Research* 24: 65-73.

Ponder, W. F. (2003). Monograph of the Australian Bithyniidae (Caenogastropoda: Rissooidea). *Zootaxa* 230: 1-126.

Ponder, W. F., Clark, S. A. & Dallwitz, M. J. (2000). *Freshwater and estuarine molluscs: an interactive, illustrated key for New South Wales*. Melbourne, CSIRO Publishing.

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.

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

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