



Gyraulus (Gyraulus) gilberti (Dunker, 1848)



Gyraulus (Gyraulus) gilberti (adult size 4.8-5.5 mm)



Distribution of *Gyraulus (Gyraulus) gilberti*.

Diagnostic features

The peripheral keel or angulation is weaker than in *G. edgbastonensis*, and like that species it is central. This species varies widely in degree of depression and angulation, and development of spiral sculpture.

Classification

Gyraulus (Gyraulus) gilberti (Dunker, 1848)

Class Gastropoda

Infraclass Heterobranchia

Megaorder Hygrophila

Order Lymnaeida

Superfamily Planorboidea

Family Planorbidae

Subfamily: Planorbinae

Genus *Gyraulus* Charpentier, 1837

Original name: Planorbis gilberti Dunker, 1848. In Dunker, A.G. (1848). Diagnoses specierum novarum generis *Planorbis* collection is Cumingiana. *Proceedings of the Zoological Society London* 1848: 40-43.

Type locality: Brisbane district, Queensland.

Synonyms: Planorbis macquariensis Smith, 1883; *Planorbis fragilis* Smith, 1883 (non Dunker, 1850); *Planorbis brazieri* Clessin, 1885 (replacement name for *P. fragilis* Smith); *Planorbis planissimus* Clessin, 1885; *Planorbis daemeli* Clessin, 1885; *Glyptaniscus idenus* Iredale, 1943; *Glyptaniscus stabilis* Iredale, 1943; *Glyptaniscus speranus* Iredale, 1943.

Biology and ecology

This species lives in water weeds and other vegetation in ponds, billabongs, swamps and sluggish streams and rivers in tropical and subtropical eastern Australia. Feeds on detritus. Egg mass presumably a jelly strip containing small eggs. Development direct.

Brown (2001) described the anatomy of this species.

This species is an intermediate host for the stomach fluke *Orthocoelium streptocoelium* (Boray, 1982; Beesley *et al.*, 1998).

Distribution

This species occurs throughout eastern Australia, from Cape York to northern New South Wales.

Notes

G. isingi and/or *G. waterhousei* may possibly be conspecific with this species (Brown, 2001).

Further reading

Beesley, P. L., Ross, G. J. B. & Wells, A., Eds. (1998). *Mollusca: The Southern Synthesis. Parts A & B*. Melbourne, CSIRO Publishing.

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Brown, D. S. (1998). Freshwater snails of the genus *Gyraulus* (Gastropoda: Planorbidae) in Australia: the taxa of Tasmania. *Molluscan Research* 19: 105-154.

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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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