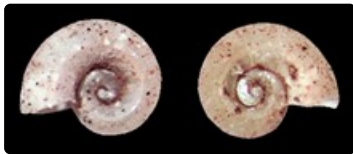




Glacidorbis isolatus Ponder & Avern, 2000



Glacidorbis isolatus (adult size 0.7-1.3 mm)



Distribution of *Glacidorbis isolatus*.

Diagnostic features

Strong dorsal and ventral keels; otherwise smooth except for growth lines.

Classification

Glacidorbis isolatus Ponder & Avern, 2000

Class Gastropoda

Infraclass Heterobranchia

Infrasubcohort Panpulmonata

Superorder Pyropulmonata

Order Amphibolida

Suborder Glacidorbina

Superfamily Glacidorboidea

Family Glacidorbidae

Genus *Glacidorbis* Iredale, 1943

Original name: Glacidorbis isolatus Ponder & Avern, 2000. In Ponder, W.F. & Avern, G.J. (2000). The Glacidorbidae (Mollusca: Gastropoda: Heterobranchia) of Australia. *Records of the Australian Museum*. 52: 307 - 353.

Type locality: Swamp southeast of Munro Hut, Kerripit River tributary, Barrington Tops, New South Wales.

Biology and ecology

This species occurs in small streams, springs and swamps, and amongst moss and roots of water plants, in the Great Dividing Range of north-eastern New South Wales.

Distribution

North-eastern NSW where it is known from Barrington Tops and Gloucester Tops, NSW where it is broadly sympatric with *G. hedleyi*, although so far not living together. Also from one locality in the New England area.

Notes

Glacidorbis isolatus only occurs in a small area of north-eastern New South Wales - it is the only keeled species known from that state.

Further reading

Ponder, W. F. (1986). Glacidorbidae (Glacidorbacea: Basommatophora), a new family and superfamily of operculate freshwater gastropods. *Zoological Journal of the Linnean Society* 87: 53-83.

Ponder, W. (2019). Glacidorbidae Ponder, 1986. Pp. 143-144 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

Ponder, W. F. & Avern, G. J. (2000). The Glacidorbidae (Mollusca: Gastropoda: Heterobranchia) of Australia. *Records of the Australian Museum* 52: 307-353.

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

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

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