



## *Glacidorbis costatus* Ponder & Avern, 2000



*Glacidorbis costatus* (adult size 0.8-11 mm)



Distribution of *Glacidorbis costatus*.

### Diagnostic features

Well-developed axial costae over the whole surface; weak spiral cords, but no spiral keels.

### Classification

*Glacidorbis costatus* 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 costatus* 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:* Pulbeena Swamp, south of Smithton, north-western Tasmania (extinct but empty shells in sediment of this recently drained swamp).

## Biology and ecology

In peaty marl deposits in Pulbeena Swamp, Tasmania; extinct.

## Distribution

Pulbeena Swamp, south of Smithton, north-western Tasmania.

## Notes

An apparently extinct species only known from the drained Pulbeena Swamp in north-western Tasmania.

## 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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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.**

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