



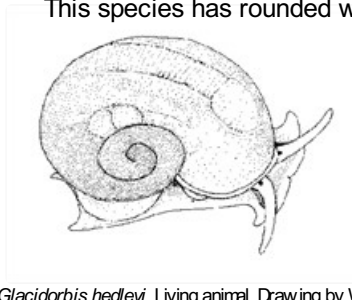
Glacidorbis hedleyi Iredale, 1943

Diagnostic features

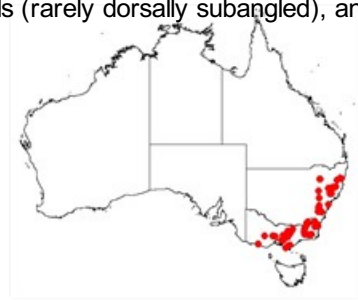
This species has rounded whorls (rarely dorsally subangled), and is



Glacidorbis hedleyi (adult size 1.8-2.9 mm)



Glacidorbis hedleyi. Living animal. Drawing by W. Ponder.



Distribution of *Glacidorbis hedleyi*.



Diggers Creek, Kosciusko National Park. Photo J. Ponder.

sculptured with weak growth lines only. It reaches 2.9 mm in maximum diameter, but is usually around 2 mm.

Classification

Glacidorbis hedleyi Iredale, 1943

Class Gastropoda

Infraclass Heterobranchia

Infrasubcohort Panpulmonata

Superorder Pyropulmonata

Order Amphibolida

Suborder Glacidorbina

Superfamily Glacidorboidea

Family Glacidorbidae

Genus *Glacidorbis* Iredale, 1943

Original name: *Glacidorbis hedleyi* Iredale, 1943. In Iredale, T. (1943). A basic list of the freshwater Mollusca of Australia. *Australian Zoologist* 10: 188-230.

Type locality: Blue Lake, 35 feet, Mt Kosciusko, New South Wales.

Biology and ecology

In small streams (perennial and intermittent), springs and swamps in highlands, amongst moss, roots of water plants and similar substrates. Locally common. Feeds on small injured animals, such as insect larvae and other molluscs (Ponder, 1986). Broods embryos in mantle cavity (direct development).

Distribution

Mid-New South Wales (including Mt Kaputar) to mid-western Victoria.

Notes

Has most extensive range of all *Glacidorbis* species.

Further reading

Boulton, A. a. S., B.J. (1985). A range extension of the snail *Glacidorbis hedleyi* Iredale 1943 in Victoria. *Victorian Naturalist* 103: 123- 126.

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

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

Smith, B. J. & Kershaw, R. C. (1979). *Field guide to the non-marine Molluscs of South-eastern Australia*. Canberra, A.N.U. Press.

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/

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

Copyright © 2023. All rights reserved. The Australian Museum.



