



***Glacidorbis occidentalis* Bunn & Stoddart, 1983**



Glacidorbis occidentalis (adult size 1-1.3 mm)



Distribution of *Glacidorbis occidentalis*.

Diagnostic features

This minute (up to 1.2 mm in maximum diameter) species has a smooth shell with evenly convex whorls, and only has fine growth lines. It differs from all other species in the central radular teeth with a narrow base.

Classification

Glacidorbis occidentalis Bunn & Stoddart, 1983

Class Gastropoda

Infraclass Heterobranchia

Infrasubcohort Panpulmonata

Superorder Pyropulmonata

Order Amphibolida

Suborder Glacidorbina

Superfamily Glacidorboidea

Family Glacidorbidae

Genus *Glacidorbis* Iredale, 1943

Original name: Glacidorbis occidentalis Bunn & Stoddart, 1983. In Bunn, S.E. and Stoddart, J.A. (1983). A new species of the prosobranch gastropod *Glacidorbis* and its implications for the biogeography of South - Western Australia. *Records of the Western Australian Museum* 11: 49-57.

Type locality: Wugong Brook, Jarrahdale, at the Chandler Bridge, Western Australia.

Biology and ecology

In small intermittent streams, in gravel riffle sections. Locally common. Presumably feeds on small injured animals, such as insect larvae and other molluscs.

Distribution

South-western Western Australia (ranges south of Perth).

Notes

The only *Glacidorbis* from Western Australia, found largely in intermittent streams.

Further reading

Bunn, S. E. & Stoddart, J. A. (1983). A new species of the prosobranch gastropod *Glacidorbis* and its implications for the biogeography of South Western Australia. *Records of the Western Australian Museum* 11: 49-57.

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Meier-Brook, C. & Smith, B. J. (1976). *Glacidorbis* Iredale 1943, a genus of freshwater prosobranchs with a Tasmanian-Southeast Australian-South Andean distribution. *Archiv Für Molluskenkunde* 106: 191-198.

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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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