



Isidorella bradshawi Iredale, 1943

Disclaimer

This genus is in need of revision, as the species concepts we have



Isidorella bradshawi (adult size up to 20 mm)



Distribution of *Isidorella bradshawi*.

used have not been rigorously tested. Unpublished molecular data indicate that the species units we are here using appear to be justified, however they are not accompanied by clear-cut morphological characters that allow separation based on shell characters alone. As the species units appear to be overall concordant with state boundaries, we have used these boundaries to delimit species. This situation is not ideal and can only be resolved by additional molecular and morphological studies involving dense sampling.

Diagnostic features

Similar to *I. newcombi*, but not umbilicate and lacking spiral striae. Confined to the southern half of Western Australia.

Classification

Isidorella bradshawi Iredale, 1943

Common name: Bradshaw's pouch snail

Class: Gastropoda

Infraclass: Heterobranchia

Megaorder Hygrophila

Order Lymnaeida

Superfamily Planorboidea

Family Planorbidae

Subfamily: Miratestinae

Genus *Isidorella* Tate, 1896

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

Type locality: Tambellup, Western Australia.

Biology and ecology

On aquatic vegetation in ponds, billabongs, swamps and sluggish streams and rivers. Locally common. Feeds on algae and detritus. Egg mass a round to oval jelly containing several (up to 35 eggs). Development direct.

Distribution

Southwest Western Australia.

Notes

A strongly shouldered shell similar in shape to *Isidorella newcombi* but lacks an umbilicus.

This genus is in need of revision, as the species concepts we have used have not been rigorously tested and can only be resolved by additional molecular and morphological studies involving dense sampling.

Further reading

Hubendick, B. (1955). Phylogeny of the Planorbidae. *Transactions of the Zoological Society of London* 28: 453-542.

Smith, B. J. (1992). Non-marine Mollusca. Pp. i-xii, 1-408 in W. W. K. Houston. *Zoological Catalogue of Australia*, 8. Canberra, Australian Government Publishing Service.

Walker, J. C. (1988). Classification of Australian buliniform planorbids (Mollusca: Pulmonata). *Records of the Australian Museum* 40: 61-89.

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

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