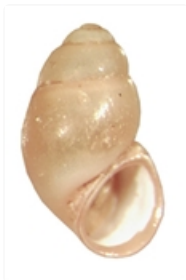




Insuladrobia gemma gemma Ponder, 1982



Hemistomia gemma gemma (adult size 2.2-2.5 mm)



Distribution of *Hemistomia gemma gemma* (red) and *H. gemma suturalis* (green).

Diagnostic features

The smooth pupiform shell is similar to that of *I. pusillior* but the operculum is thicker with a curved calcareous patch (not linear as in *I. pusillior*) and with up to three fused pegs. This subspecies is slightly larger than *I. gemma suturalis* (up to about 2.5 mm in length compared with 2.3 mm), is orange-brown (not yellowish-white) and weakly canaliculate to simple suture (suture strongly canaliculate in *I. gemma suturalis*).

The penis is simple in all species of *Insuladrobia*.

Classification

Insuladrobia gemma gemma (Ponder, 1982)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Insuladrobia* Ponder & Köhler, 2024

Original name: *Hemistomia gemma gemma* Ponder, 1982. In Ponder, W.F. (1982) Hydrobiidae of Lord Howe Island (Mollusca: Gastropoda: Prosobranchia). *Australian Journal of Marine and Freshwater Research* 33: 89-159.

Type locality: On south side of east - west ridge to Sugarloaf Point, at head of broad gully in wide seepage along cliff face, Lord Howe Island.

Biology and ecology

Found in streams, seepages and pools. It is assumed that like most tateids, the Lord Howe Island Tateidae feed on bacteria, microscopic algae, diatoms and possibly decaying vegetation.

Distribution

Confined to the catchment of the eastern slopes of Mt Gower, Lord Howe Island.

Further reading

Ponder, W. F. (1982). Hydrobiidae of Lord Howe Island (Mollusca: Gastropoda: Prosobranchia). *Australian Journal of Marine and Freshwater Research* 33: 89-159.

Ponder, W. F., & Köhler, F. (2024). A review of the relationships of the Tateidae of Lord Howe Island. *Molluscan Research*, pp. 1–7.
<https://doi.org/10.1080/13235818.2024.2355680>

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 © 2024. All rights reserved. The Australian Museum.

