



Fluviopupa ramsayi royana (Iredale, 1944)



Fluviopupa ramsayi royana (adult size up to 3.6 mm) Distribution of *Fluviopupa ramsayi royana* (blue) and *F. ramsayi ramsayi* (red).

Diagnostic features

Fluviopupa gracilis can be separated from *F. ramsayi* by its elongate-pupoid shell, and the distal end of the penis is longer (not shorter) than the accessory lobe. In *F. ramsayi ramsayi*, the shell is larger than that of *F. ramsayi royana* and the inner lip is more closely applied to the parietal wall.

Classification

Fluviopupa ramsayi royana (Iredale, 1944)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Fluviopupa* Pilsbry, 1911

Original name: Fluviorissoina royana Iredale, 1944. In Iredale, T. (1944) The land Mollusca of Lord Howe Island. *Australian Zoologist* 10: 299-334.

Type locality: "Creeks of the Old Settlement" Lord Howe Island. Ponder (1982) recorded this locality as an error and subsequently designated Soldier (or Big) Creek as the type locality.

Biology and ecology

In small streams and seepages under leaves and stones and on moss and rock surfaces.

Distribution

In streams flowing east and west of Smoking Tree Ridge, Intermediate Hill and North Hummock, Lord Howe Island.

Notes

The Lord Howe Island *Fluviopupa* species are rather similar in appearance but the different taxa are in distinct geographical locations on Lord Howe Island.

Further reading

Iredale, T. (1944). The land Mollusca of Lord Howe Island. *Australian Zoologist* 10: 299-334, pls XVII-XX

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

Zielske, S., Ponder, W. F. & Haase, M. (2017). The enigmatic pattern of long-distance dispersal of minute freshwater gastropods (Caenogastropoda, Truncatelloidea, Tateidae) across the South Pacific. *Journal of Biogeography* 44: 195-206.

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

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