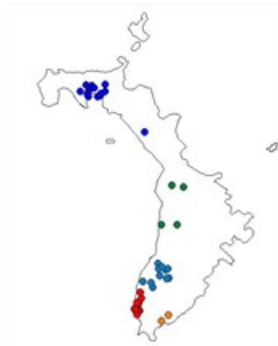




Fluviopupa gracilis erskinensis Ponder, 1982



Fluviopupa gracilis erskinensis (adult size up to 4 mm)



Distribution of the five subspecies of *Fluviopupa gracilis*: pupa (dark blue); colmani (green); erskinensis (lighter blue); gracilis (red); kingstoni (orange).

Diagnostic features

Fluviopupa gracilis is separated from *F. ramsayi* in having an elongate-pupoid shell, and the distal end of the penis is longer (not shorter) than the accessory lobe. The pupoid shell has 5 whorls and tends to be longer and narrower than *F. gracilis gracilis* and the mantle is black and the head-foot has some pigmentation. The operculum either lacks or has a minute white spot on the inner side. In *F. gracilis colmani* the mantle is weakly pigmented and the head-foot unpigmented.

Classification

Fluviopupa gracilis erskinensis Ponder, 1982

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Fluviopupa* Pilsbry, 1911

Original name: Fluviopupa gracilis erskinensis 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: Approximately 45 metres in southwestern corner of Erskine Valley, Lord Howe Island; in small stream with pools and falls.

Biology and ecology

In small streams under and on rocks, leaves and moss and on vertical rock surfaces of seeps and waterfalls.

Distribution

Erskine Valley, 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

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

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

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