



***Fluvidona orphana* Miller, Ponder & Clark, 1999**



Fluvidona orphana (adult size 1.9-2.5 mm)



Distribution of *Fluvidona orphana*.

Diagnostic features

This species has less convex whorls than the others in the genus and is unusual in lacking a seminal receptacle and in having a lobe at the base of the distal part of the penis. Also, the operculum has more pegs (3-5).

This is one of several species of *Fluvidona* found in northern New South Wales and southern Queensland. They are all very similar, being separated on small differences in size and shape of the shells and in anatomical details. They have elongate-conic shells with adults having a slightly thickened aperture and the operculum bears one or more pegs.

Classification

Fluvidona orphana Miller, Ponder & Clark, 1999

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Fluvidona* Iredale, 1937

Original name: Fluvidona orphana Miller, Ponder & Clark, 1999. In Miller, A.C, Ponder, W.F. & Clark, S.A., 1999. Freshwater snails of the genera *Fluvidona* and *Austropyrgus* (Gastropoda, Hydrobiidae) from northern New South Wales and southern Queensland. *Invertebrate Taxonomy* 13: 461-493.

Type locality: Small creek, Sea Acres Reserve, Port Macquarie, New South Wales.

Biology and ecology

On palm fronds, leaves etc. in small stream, common to abundant. Assumed to feed by scraping bacteria and possibly microalgae. Presumed solitary capsules with single egg. Direct development.

Distribution

Known from a single stream at Sea Acres Reserve, Port Macquarie, New South Wales.

Notes

Most species of *Fluvidona* are geographically isolated and have restricted ranges. This species is known from a small stream at Sea Acres Reserve, Port Macquarie.

Further reading

Miller, A. C., Ponder, W. F. & Clark, S. A. (1999). Freshwater snails of the genera *Fluvidona* and *Austropyrgus* (Gastropoda, Hydrobiidae) from northern New South Wales and southern Queensland, Australia. *Invertebrate Taxonomy* 13: 461-493.

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

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