Jardinella tumorosa Ponder, 1991

Jardinella tumorosa (adult size 2.8-3.8 mm)

Distribution of *Jardinella tumorosa.*

Mulgrave River. Photo: C. Lydeard.

Habitat of *Jardinella tumerosa.* Photo C. Lydeard.

Diagnostic features

This is one of three riverine species found in northeast Australia that have similar shell morphology. This one differs from *J. thaanumi* in having a swollen bursal duct and consistently open umbilicus, and from *J. tullyensis* in having rounded shoulders.

Classification

Jardinella ***tumorosa*** Ponder, 1991

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Genus Jardinella Iredale & Whitley,1938

Original name: *Jardinella tumorosa* Ponder, 1991. *In* Ponder, W. F. (1991).The eastern seaboard species of *Jardinella* (Mollusca, Gastropoda, Hydrobiidae), Queensland rainforest - inhabiting freshwater snails derived from the west.*Records of the Australian Museum* 43: 275-289.

Type locality: Mulgrave River at Mulgrave River Forestry Road, Queensland.

Biology and ecology

Found in shaded, clear flowing creeks and the main river; rock and gravel beds.

Distribution

Found in the Mulgrave River and Fishery Creek drainages of north-eastern Queensland.

Further reading

Perez, K. E., Ponder, W. F., Colgan, D. J., Clark, S. A. & Lydeard, C. (2005). Molecular phylogeny and biogeography of Spring-associated hydrobiid snails of the Great Artesian Basin, Australia. *Molecular Phylogenetics and Evolution* 34: 545-556.

Ponder, W. F. (1991). The eastern seaboard species of *Jardinella* (Mollusca, Gastropoda, Hydrobiidae), Queensland rainforest-inhabiting freshwater snails derived from the west. *Records of the Australian Museum* 43: 275-289.

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/

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