



## *Jardinella tumorosa* Ponder, 1991

### Diagnostic features

This is one of three riverine species found in northeast Australia that



*Jardinella tumorosa* (adult size 2.8-3.8 mm)



Distribution of *Jardinella tumorosa*.



Mulgrave River. Photo: C. Lydeard.



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

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

*Infra*class 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.

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[https://keys.lucidcentral.org/keys/v3/freshwater\\_molluscs/](https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/)

To contact the authors for comment or suggestions, please email: [fwmollusc@gmail.com](mailto:fwmollusc@gmail.com)

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