



## *Edgbastonia (Barcardinia) coreena* (Ponder & Clark, 1990)



*Edgbastonia (Barcardinia) coreena* (adult size 2.6-3.1 mm)



Distribution of *Edgbastonia (Barcardinia) coreena*.



Spring on Coreena Station in which this species occurs. Photo C. Lydeard.

### Diagnostic features

This trochiform, umbilicate shell reaches about 3.1 mm in length. It is smooth except for growth lines.

### Classification

*Edgbastonia (Barcardinia) coreena* (Ponder & Clark, 1990)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Edgbastonia* Ponder in Ponder, Wilke, Zhang, Golding, Fukuda, & Mason 2008 (Type species: *Edgbastonia alanwillsi* Ponder in Ponder *et al.*, 2008).

Subgenus *Barcaldinia* Ponder, Zhang, Hallan & Shea, 2019 (Type species *Jardinella edgbastonensis* Ponder & Clark, 1990)

*Original name:* *Jardinella coreena* Ponder & Clark, 1990. In Ponder, W. F. & Clark, G. A. (1990). A radiation of hydrobiid snails in threatened artesian springs in western Queensland. *Records of the Australian Museum* 42(3): 301-363.

*Type locality:* large unnamed spring south of "Coreena" Homestead, about 32 km northeast of Barcaldine, Queensland.

## Biology and ecology

Lives in large, boggy springs.

## Distribution

This species is only known from its type locality (see above) in the Barcaldine Supergroup springs.

## Further reading

Fensham, R., Ponder, W. & Fairfax, R. (2010). *Recovery plan for the community of native species dependent on natural discharge of groundwater from the Great Artesian Basin. Report to Department of the Environment, Water, Heritage and the Arts, Canberra.* Queensland Department of Environment and Resource Management, Brisbane. <https://www.environment.gov.au/system/files/resources/0cefc83a-3854-4cff-9128-abc719d9f9b3/files/great-artesian-basin-ec.pdf>

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. & Clark, G. A. (1990). A radiation of hydrobiid snails in threatened artesian springs in western Queensland. *Records of the Australian Museum* 42: 301-363.

Ponder, W. F., Zhang, W. -H., Hallan, A., & Shea, M. E. (2019). New taxa of Tateiidae (Caenogastropoda, Truncatelloidea) from springs associated with the Great Artesian Basin and Einasleigh Uplands, Queensland, with the description of two related taxa from eastern coastal drainages. *Zootaxa* 4583(1): 1-67.

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