



Edgbastonia (Barcaldinia) zeidlerorum (Ponder & Clark, 1990)



Edgbastonia (Barcaldinia) zeidlerorum (adult size
2.4-2.9 mm)



Distribution of *Edgbastonia (Barcaldinia)*
(Barcaldinia) zeidlerorum



The main spring on Myross Station. Photo A. Davis.

Diagnostic features

This tall-spired, smooth-shelled species has lightly convex whorls. It reaches about 2.9 mm in length.

Classification

Edgbastonia (Barcaldinia) zeidlerorum (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 zeidlerorum* 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: Unnamed spring about 11 km SSE of "Edgbaston" homestead, about 0.8 km south of main road, 28 km northeast of Aramac, Queensland.

Biology and ecology

Lives along the edges of a large spring amongst vegetation.

Distribution

Large spring to the SSE of "Edgbaston" Homestead, on Myross Station, NE of Aramac, Queensland (Barcaldine Supergroup).

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

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