



***Edgbastonia*
(*Barcardinia*) *routhensis* Ponder,
Zhang, Hallan & Shea, 2019**



Edgbastonia (Barcardinia) routhensis (adult size 1.7-2.3 mm)



Distribution of *Edgbastonia (Barcardinia) routhensis*



Head of Big Spring, Routh Station. Photo C. Slatyer.

Diagnostic features

Most similar to *E. (B.) chillagoensis* but differs in the shell of *E. (B.) routhensis* being more pupiform, with that of *E. (B.) chillagoensis* being broader and with the inner lip of the aperture more distinctly separated from the parietal wall. Anatomically the two species are also similar, with only some minor differences.

Classification

Edgbastonia (Barcardinia) routhensis Ponder, Zhang, Hallan & Shea, 2019

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: Edgbastonia (Barcaldinia) routhensis Ponder, Zhang, Hallan & Shea, 2019. In 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.

Type locality: Big Spring, Routh Station, E. of Georgetown, Queensland. (Note, in the original description, the locality is erroneously given as W of Georgetown).

Biology and ecology

Lives on on mud and vegetation in and around spring seepages.

Distribution

ESE of Georgetown, Routh Station, in small muddy springs, near the western boundary of the Einasleigh Uplands. Springs not feed from Great Artesian Basin.

Further reading

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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