



***Edgbastonia* (*Barcaldinia*) *hufferensis* Ponder, Zhang, Hallan & Shea, 2019**



Edgbastonia (Barcaldinia) hufferensis (adult size 1.7 - 2.2 mm)



Distribution of *Edgbastonia (Barcaldinia) hufferensis*



Spring at Lake Huffer, the habitat of this species.
Photo A. Davis.

Diagnostic features

The most similar species is *E. (B.) colmani*, but it differs in molecular results and in the male having an almost straight pallial vas deferens and penial duct, although the female reproductive system is similar to that of *E. (B.) colmani*. Compared with *E. (B.) pallida* this species is larger and darker coloured.

Classification

Edgbastonia (Barcaldinia) hufferensis 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) hufferensis* 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: Near base of main spring, Lake Huffer Station, approx. 0.3 km from spring head, Queensland.

Biology and ecology

Lives on sandy substrate and vegetation in the spring.

Distribution

Main spring on Lake Huffer Station, north of Aramac, Queensland (Barcaldine Supergroup). This spring is approximately seven km SSW of the type locality of *E. (B.) colmani*.

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>

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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