



Eulodrobia fenshami Ponder, Zhang, Hallan & Shea, 2019



Eulodrobia fenshami (adult size 1.8-2.3 mm)



Distribution of *Eulodrobia fenshami*.



Spring beside Paroo River, Eulo - type locality of *E. fenshami*. Photo A. Miller.

Diagnostic features

This species is very similar to *E. eulo* from which it differs in its slightly more ovate shell and in the inner side of the operculum being simple. There are also differences in the female genital system and in penial features.

Classification

Eulodrobia fenshami Ponder, Zhang, Hallan & Shea, 2019

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Eulodrobia* Ponder, Zhang, Hallan & Shea, 2019.

Original name: Eulodrobia fenshami 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: A small muddy spring on the edge of the western side of the Paroo River in the town common near the township of Eulo, SW Queensland.

Biology and ecology

This species was found in the outflow of a small muddy spring.

Distribution

Known only from a small muddy spring on the edge of the western side of the Paroo River in the town common near the township of Eulo, SW Queensland. Dr R. Fensham (pers. comm. to WFP in Oct. 2017) that in 2012, and confirmed in 2014, the spring appears to be extinct.

Notes

Most similar to *E. eulo*, differing in some minor shell, opercular and anatomical characters.

Ponder *et al.* (2019) noted that, on the advice of Dr R. Fensham, the spring in which this species was found may now be extinct, indicating the likely extinction of this species.

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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