



Austropyrgus coolingi Ponder, Nimbs & Shea, 2023.



Austropyrgus coolingi. Holotype. Maximum length of this species is 1.9 mm.



Distribution of *Austropyrgus coolingi*.

Diagnostic features

This tiny (maximum length 1.9 mm) species is tall spired, with lightly convex whorls.

Classification

Austropyrgus coolingi Ponder, Nimbs & Shea, 2023

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Austropyrgus* Cotton, 1942

Original name: *Austropyrgus coolingi* Ponder, Nimbs & Shea, 2023. In Ponder, W. F., Nimbs, M. J. & Shea, M. E. (2023) Hyporheic Tateidae (Gastropoda: Truncatelloidea) from the Flinders Ranges, South Australia and Judbarra (Gregory) National Park, western Northern Territory, Australia, with some taxonomic notes on the family. *Molluscan Research* 44, 63-83.

Type locality: Jacks Camp Well, Jacks Camp Creek, tributary of Finke Creek, Flinders Ranges, South Australia.

State of taxonomy

There may be a few additional unnamed species similar to *A. coolingi* in the Flinders Ranges.

Biology and ecology

Lives in hyporheic habitats in gravel and sand in stream beds in the Flinders Ranges, where it can be common and even dominant (Cooling and Boulton 1993).

Distribution

Found in the Flinders Ranges, South Australia, living in gravel and sand in stream beds.

Further reading

Boulton, A. J. & Williams, W. D. (1996). Aquatic biota. In: Davies, M.D., C.R. Twidale & M.J. Tyler (Eds), *Natural History of the Flinders Ranges*. Royal Society of South Australia (Inc), Adelaide, pp. 102–112.

Cooling, M. P. & Boulton, A. J. (1993). Aspects of the hyporheic zone below the terminus of a South Australian arid-zone stream. *Australian Journal of Marine and Freshwater Research* 44: 411–426.

Ponder, W. F., Nimbs, M. J. & Shea, M. E. (2023). Hyporheic Tateidae (Gastropoda: Truncatelloidea) from the Flinders Ranges, South Australia and Judbarra (Gregory) National Park, western Northern Territory, Australia, with some taxonomic notes on the family. *Molluscan Research* 44: 63-83.

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

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