



***Austropyrgus flindersensis* Clark, Miller & Ponder, 2003**



Austropyrgus flindersensis (adult size 2.3-3.1 mm)



Distribution of *Austropyrgus flindersensis*.

Diagnostic features

This species belongs to the *Austropyrgus sparsus* group, whose members are characterised by the following shell features: small to medium-sized shells, conical, with convex to slightly convex whorls. In females, the coiled oviduct is of an inverted U-shape or with two or more bends, loops or twists.

Austropyrgus flindersensis differs from other members of the group in the following combination of characters: shell small to medium in size, with slightly convex to convex whorls and outer lip with slight reflection; coiled oviduct and bursal duct join well behind posterior pallial wall; female genital opening of medium length.

Classification

Austropyrgus flindersensis Clark, Miller & Ponder, 2003

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Austropyrgus* Cotton, 1942

Original name: *Austropyrgus flindersensis* Clark, Miller & Ponder, 2003. In Clark, S. A., Miller, A. C. & Ponder, W. F. (2003). Revision of the snail genus *Austropyrgus* (Gastropoda: Hydrobiidae): A morphostatic radiation of freshwater gastropods in southeastern Australia. *Records of the Australian Museum* Supplement 28: 1–109.

Type locality: Moro Springs in Moro Gorge, Flinders Ranges, South Australia.

Biology and ecology

This species occurs in springs and streams. It is typically found on weeds and leaves and can be locally common. Assumed to feed by scraping bacteria and microalgae. Lay solitary capsules containing a single egg. Direct development.

Distribution

This species is found in the streams and springs of the northern and central parts of the Flinders Ranges, South Australia.

Notes

Most species of *Austropyrgus* are geographically isolated and have restricted ranges, and this one is no exception. It is not found in sympatry with any other species of *Austropyrgus*. However, it shows some variation in shell size and shape over its currently recognized range and additional taxa may eventually be recognized, particularly as several populations are known from isolated, widely separated springs.

Further reading

Clark, S. A., Miller, A. C. & Ponder, W. F. (2003). Revision of the snail genus *Austropyrgus* (Gastropoda: Hydrobiidae): a morphostatic radiation of freshwater gastropods in southeastern Australia. *Records of the Australian Museum* 28: 1–109.

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

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