



Austropyrgus angasi (E. A. Smith, 1882)



Austropyrgus angasi (adult size 3-3.8 mm)



Distribution of *Austropyrgus angasi*.



A small stream in which *Austropyrgus angasi* was found. Photo C. Lydeard.

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 angasi differs from the other species of this group in the following characters: shell small to medium size, with squat spire and straight spire outline and convex whorls; penis with pigmentation absent or on all areas except base; coiled oviduct with proximal part inverted U-shaped.

Classification

Austropyrgus angasi (E. A. Smith, 1882)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Austropyrgus* Cotton, 1942

Original name: Hydrobia angasi E. A. Smith, 1882. In Smith, E.A. (1882). On the freshwater shells of Australia. *Journal of the Linnean Society of London, Zoology* 16: 255–316.

Type locality: Campaspe (as Campasely) River, Victoria.

Synonym: Hydrobia angasi Smith, 1882.

Biology and ecology

In streams on water weeds, hard substrata (rocks etc.) and crawling on litter and sediment. Can be locally abundant. Assumed to feed by scraping bacteria and microalgae. Lay solitary capsules containing a single egg. Direct development.

Distribution

This is a widespread species found in central Victoria.

Notes

Although most species of *Austropyrgus* are geographically isolated and have restricted ranges, a few - such as *A. angasi* - have wider ranges.

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.

Sardiña, P., Beringer, J., Roche, D. & Thompson, R. M. (2015). Temperature influences species interactions between a native and a globally invasive freshwater snail. *Freshwater Science* 34: 933-941.

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

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