



Austropyrgus lippus Clark, Miller & Ponder, 2003



Austropyrgus lippus (adult size 1.7-2.3 mm)



Distribution of *Austropyrgus lippus*.

Diagnostic features

This species belongs to the *Austropyrgus petterdianus* group, whose members are characterised by the following shell features: aperture slightly disjunct, with last whorl and base evenly convex; outer lip without reflection; shell colour yellow-brown and translucent.

A. lochi differs from other members of the group in the following combination of characters: shell small, with elongated spire, straight spire outline and flattened to slightly convex whorls; anterior end of ctenidium abutting pericardium; pallial vas deferens strongly undulating at prostate gland.

This species can be found in sympatry with six other species of *Austropyrgus* (*A. juliae*, *A. ronkershawi*, *A. procerus*, *A. mersus*, *A. conicus* and *A. rectoides*) throughout its currently recognised range, with up to three in any one location. Its shell can be distinguished by its tall, narrow spire and straight outline. It is often found with *A. juliae*, but differs in its slightly broader, more conical shell with more flattened whorls.

Classification

Austropyrgus lippus Clark, Miller & Ponder, 2003

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Austropyrgus* Cotton, 1942

Original name: Austropyrgus lippus 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: Very small spring just below pumphouse, Wombeyan Caves, New South Wales.

Biology and ecology

In sediment, litter and weeds around the exits of small springs. Assumed to feed by scraping bacteria. Presumed solitary capsules with single egg. Direct development.

Distribution

Known from a few small springs in and around Wombeyan Caves, New South Wales.

Notes

Most species of *Austropyrgus* are geographically isolated and have restricted ranges, and this one is no exception.

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.

To cite this resource: **Ponder, W. F., Hallan, A., Shea, M. E., Clark, S. A., Richards, K., Klunzinger, M. W., and Kessner, V. 2023. Australian Freshwater Molluscs. Revision 2.**

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

To contact the authors for comment or suggestions, please email: fwmollusc@gmail.com

Copyright © 2023. All rights reserved. The Australian Museum.

