



Austropupa kessneri (Ponder & Shea, 2014)



Austropupa kessneri. (adult size up to 3.8 mm long)



Distribution of *Austropupa kessneri*.

Diagnostic features

Shell elongate; up to about 3.8 mm in length, operculum with few rudimentary pimples on inner side, no white smear; female lacking seminal receptacle; male with penial lobe in middle of penis. The stomach is very similar to that of the species of *Fluviopupa*, including the type species. The most obvious difference between the present species and other described species of *Fluviopupa* is the absence of a seminal receptacle.

Classification

Austropupa kessneri (Ponder & Shea, 2014)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Austropupa* Ponder Nimbs & Shea, 2023. (Type species: *Fluviopupa kessneri* Ponder & Shea, 2014).

Original name: *Fluviopupa kessneri* Ponder, & Shea, 2014. In Ponder, W. F. and Shea, M. E. 2014. A new species of the *Fluviopupa* group (Caenogastropoda: Tateidae) from north-east Queensland, Australia, *Molluscan Research* 34:78.

Type locality: Little Mulgrave River on Little Mulgrave Road, near bridge on Gillies Highway, Far North Queensland.

Biology and ecology

In roots along edges of side pond and main river, on leaves on gravel and in pockets of submerged leaves along the bank in shallow water and on sand in shallow water.

Distribution

This species appears to have a rather narrow distribution in the Mulgrave River and its tributary, Little Mulgrave River, as well as some of the small tributaries of these rivers, in north-eastern Queensland. It is likely, however, that this species is more widespread within the Little Mulgrave and Mulgrave Rivers and their tributaries than current sampling suggests.

Notes

This species was originally described as a species of *Fluviopupa*, a genus found in certain Pacific islands (including Lord Howe Id), and possibly Papua New Guinea.

Further reading

Ponder, W. F. & Shea, M. E. (2014). A new species of the *Fluviopupa* group (Caenogastropoda: Tateidae) from north-east Queensland, Australia. *Molluscan Research* 34: 71-78.

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/

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

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