



## ***Westrapyrgus* Ponder, Clark & Miller, 1999**

### **Diagnostic features**

Shell ovate-conical, whorls convex, periphery subangled to rounded; teleoconch with fine axial growth lines and very fine spiral grooves. Aperture ovate, outer lip slightly to moderately thickened, not reflected. Operculum yellow, paucispiral, flat, with several short, white pegs on inner surface head-foot unpigmented or black to dark grey; radula similar to *Austropyrgus*, *Tatea* and *Fluvidona*. Stomach with large posterior caecum. Penis with elbow in middle of distal part when at rest or evenly curved; pallial opening of female genital system placed at about middle or in anterior third of capsule gland and behind or close to anterior end of ventral channel.

### **Classification**

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*Class* Gastropoda

*Infraclass* Caenogastropoda

*Order* Littorinida

*Suborder* Rissoidina

*Superfamily* Truncatelloidea

*Family* Tateidae

*Genus* *Westrapyrgus* Ponder, Clark & Miller, 1999

*Type species:* *Westrapyrgus westralis* Ponder, Clark & Miller, 1999.

*Original reference:* Ponder, W. F., Clark, S. A. & Miller, A. C. (1999). A new genus and two new species of Hydrobiidae (Mollusca: Gastropoda: Caenogastropoda) from south Western Australia. *Journal of the Royal Society of Western Australia* 82: 109–120.

*Type locality:* Leeuwin-Naturaliste National Park, Western Australia.

## Biology and ecology

In seeps and springs at the base of limestone cliffs and around edges of lakes, pools and streams. On water weeds, bark and sticks, and under stones. Also found clogging water filters in some areas.

## Distribution

This genus is restricted to the southwest of Western Australia.

## Notes

*Westrapyrgus* is morphologically most similar to the southeastern Australian freshwater genus *Austropyrgus*. However, the teleoconch of *Westrapyrgus* differs in possessing very fine spiral grooves over the entire surface.

## Further reading

Beesley, P. L., Ross, G. J. B. and Wells, A. (Eds). 1998. *Mollusca: The Southern Synthesis. Fauna of Australia*. Vol. 5. CSIRO Publishing, Melbourne. Part A. Pp. i-xvi, 1-563, Part B i-viii, 565-1234.

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.

Ponder, W. (2019). Tateidae Thiele, 1925. Pp. 134-138 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

Ponder, W.F., Clark, S. A. & Miller, A. C. (1999). A new genus and two new species of Hydrobiidae (Mollusca: Gastropoda: Caenogastropoda) from south Western Australia. *Journal of the Royal Society of Western Australia* 82: 109–120.

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