



## ***Trochidrobia inflata* Ponder, Hershler & Jenkins, 1989**



*Trochidrobia inflata* (adult size 1.5-1.7 mm)



Distribution of *Trochidrobia inflata*.



One of the springs at Freeling Springs. Photo: W. Ponder.

### **Diagnostic features**

The small umbilicus and relatively high spire distinguish this species from other species of *Trochidrobia*. It differs from the sympatric *T. minuta* in its larger size (up to 1.7 mm maximum diameter), wider umbilicus and taller spire.

### **Classification**

*Trochidrobia inflata* Ponder, Hershler & Jenkins, 1989

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

*Genus Trochidrobia* Ponder, Hershler and Jenkins 1989

*Original name: Trochidrobia inflata* Ponder, Hershler & Jenkins, 1989. In Ponder, W. F., Hershler, R. & Jenkins, B. (1989). An endemic radiation of hydrobiid snails from artesian springs in northern South Australia: their taxonomy, physiology, distribution and anatomy. *Malacologia* 31: 1-140.

*Type locality:* Freeling Springs, South Australia.

## Biology and ecology

Shallow water in lower parts of artesian spring outflow living together with *T. minuta* and species of *Fonscochlea*.

## Distribution

Freeling Springs complex, northern part of Lake Eyre Supergroup, northern South Australia.

## Further reading

Murphy, N. P., Breed, M. F., Guzik, M. T., Cooper, S. J., & Austin, A. D. (2012). Trapped in desert springs: phylogeography of Australian desert spring snails. *Journal of Biogeography* 39(9): 1573-1582.

Ponder, W. F., Hershler, R. & Jenkins, B. (1989). An endemic radiation of Hydrobiidae from artesian springs in northern South Australia: their taxonomy, physiology, distribution and anatomy. *Malacologia* 31: 1-140.

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