



## ***Stimulator consetti* Iredale, 1944**

### **Disclaimer**

The Australian freshwater limpets are in need of revision so the



*Stimulator consetti* (adult size 2-2.25 mm)



Distribution of *Stimulator consetti*



Katherine River, Northern Territory, a location at which *Stimulator* has been found. Photo: V. Kessner.



Billabong, Adelaide River, Northern Territory in which *Stimulator* and *Ferrissia* are abundant. Photo: V. Kessner.

classification presented here is likely to be changed.

### **Diagnostic features**

Small narrow limpet-like snails with a septum on the underside of the shell which restricts much of the shell aperture.

### **Classification**

***Stimulator consetti*** Iredale, 1944

Class Gastropoda

Infraclass Heterobranchia

Megaorder Hygrophila

Order Lymnaeida

Superfamily Planorboidea

Family Planorbidae

Genus *Stimulator* Iredale, 1944 (Type species: *Stimulator consetti* Iredale 1944).

Original name: *Stimulator consetti* Iredale, 1944. In Iredale, T. 1944 The "Gundlachia" puzzle. *Australian Zoologist* 10: 290.

Type locality: Harding Ranges, Western Australia.

## Biology and ecology

Biology unknown but presumably on wood and stones, in streams and ponds.

## Distribution

Previously only known from the type locality, a 'spring, 8 miles west of Munja Station, Harding Ranges, WA'. New material of this species has recently been collected from the upper tributaries of the Adelaide and Mary Rivers, Northern Territory (T. Steele pers. comm.) and by V. Kessner in some other locations.

## Notes

A very narrow oblong shaped shell with a prominent septum which stretches two thirds the length of the underside of the shell. The relationships of this taxon to Australian species of *Pettancyclus* has to be tested but are presumably close although it differs in having a slightly smaller and narrower shell.

## Further reading

Albrecht, C., Stelbrink, B. & Clewing, C. (2019). Planorbidae Rafinesque, 1815. Pp. 181-186 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

Beesley, P. L., Ross, G. J. B. & Wells, A., Eds. (1998). *Mollusca: The Southern Synthesis. Parts A & B*. Melbourne, CSIRO Publishing.

Hubendick, B. (1964). Studies on Ancyliidae: the subgroups. *Göteborgs Kungliga Vetenskaps och Vitterhets Samhälles Handligar Sjätte Följden B* 9: 1-72.

Hubendick, B. (1967). Studies on Ancyliidae: the Australian, Pacific and Neotropical form groups. *Acta Zoologica, Göteborg* 1: 1-52.

Iredale, T. (1944). The "Gundlachia" puzzle. *Australian Zoologist* 10: 290.

Smith, B. J. (1992). Non-marine Mollusca. Pp. i-xii, 1-408 in W. W. K. Houston. *Zoological Catalogue of Australia*, 8. Canberra, Australian Government Publishing Service.

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