



Caldicochlea globosa (Ponder, Colgan, Terzis, Clark & Miller, 1996)



Distribution of *Caldicochlea globosa*.

Caldicochlea globosa (adult size 3-4.6 mm)



The largest spring at Dalhousie Springs - where this species is abundant. Photo: W. Zeidler.

Diagnostic features

Both *Caldicochlea* species are highly variable in shell shape and are difficult to distinguish on shell morphology alone. However, *C. globosa* is usually larger and more globose than *C. harrisi*.

Classification

Caldicochlea globosa (Ponder, Colgan, Terzis, Clark & Miller, 1996)

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Caldicochlea* Ponder, 1997.

Original name: *Dalhousia globosa* Ponder, Colgan, Terzis, Clark & Miller, 1996. In Ponder, W. F., Colgan D. J., Terzis, T., Clark, S. and Miller, A. 1996. Three new morphologically and genetically determined species of hydrobiid gastropods from Dalhousie Springs, northern South Australia, with the description of a new genus. *Molluscan Research* 17: 49-109.

Type locality: Earwanyera Spring, Dalhousie Springs, South Australia.

Biology and ecology

This species mostly lives in large warm pools or warm outflows from large springs ranging from 33-42°C.

Distribution

Found in springs A, B, Ca, Cb,Cc and Cd of the Dalhousie group (see Ponder et al. 1996).

Notes

Both *Caldicochlea* species are highly variable in shell shape and are difficult to distinguish on shell morphology alone.

Further reading

Colgan, D. J. & Ponder, W. F. (2000). Incipient speciation in aquatic snails in an arid-zone spring complex. *Biological Journal of the Linnean Society* 71: 625-641.

Ponder, W. F., Colgan, D. J., Terzis, T., Clark, S. A. & Miller, A. C. (1996). Three new morphologically and genetically determined species of hydrobiid gastropods from Dalhousie Springs, northern South Australia, with the description of a new genus. *Molluscan Research* 17: 49-109.

Ponder, W. F. (1997). Nomenclatural rectifications in Australian Hydrobiidae. *Molluscan Research* 18: 67-68.

Zeidler, W. & Ponder, W. F., Eds. (1989). *The natural history of Dalhousie Springs*. Adelaide, South Australian Museum.

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

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