



## **Larina A. Adams, 1855**

### **Diagnostic features**

Shell neritiform to naticiform in shape. Whorls very rounded. Very deeply impressed sutures, low blunt spire, large subcircular aperture. Sculpture of axial growth threads and low narrow spiral cords of varying number, sometimes with several more distinct than others. Umbilicus closed. Outer lip unthickened. Subcircular operculum. Anatomy similar to *Notopala* (Simone 2004).

### **Classification**

*Larina* A. Adams, 1855

Class Gastropoda

Infraclass Caenogastropoda

Informal group Architaenioglossa

Order Viviparida

Superfamily Viviparioidea

Family Viviparidae

Subfamily: Bellamyinae

Genus *Larina* A. Adams, 1855

Type species: *Larina strangei* A. Adams, 1854

Original reference: Adams, A. (1855). Description of a new genus and several new species of gasteropodous Mollusca: from the Cumingian collection. *Proceedings of the Zoological Society London* 1854: 41-42, pl. 27.

Type locality: Moreton Bay, Queensland.

Synonyms: *Centrapala* Cotton, 1935 (new synonymy); *Eularina* Iredale, 1943

### **State of taxonomy**

A recent revision of this genus has not been published. Unpublished studies by one of us (WFP) have been used to define the genus. Further refinement is necessary, but must await the published revision.

## Biology and ecology

Lives submerged on the underside of rocks and logs in creeks and rivers. Sedentary. Presumably a filter feeder.

## Distribution

Central Australia and south-eastern and mid-eastern Queensland, and also occurring in Papua New Guinea.

## Further reading

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

Cotton, B. C. (1935a). The Australian viviparous river snails. *Victorian Naturalist* 52: 96-99.

Cotton, B. C. (1935b). Recent Australian Viviparidae and a fossil species. *Records of the South Australian Museum* 5: 339-344.

Iredale, T. (1943). A basic list of the fresh water Mollusca of Australia. *Australian Zoologist* 10: 188-230.

Simone, L. R. L. (2004). Comparative morphology and phylogeny of representatives of the superfamilies of architaenioglossans and the Annulariidae (Mollusca, Caenogastropoda). *Arquivos do Museu Nacional* 62: 387-504.

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.

Van Bocxlaer, B. & Strong, E. E. (2019). Viviparidae Gray, 1847. Pp. 43-50 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

---

To cite this resource: **Ponder, W. F., Hallan, A., Shea, M. E., Clark, S. A., Richards, K., Klunzinger, M. W., and Kessner, V. 2023. Australian Freshwater Molluscs. Revision 2.**

[https://keys.lucidcentral.org/keys/v3/freshwater\\_molluscs/](https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/)

To contact the authors for comment or suggestions, please email: [fwmollusc@gmail.com](mailto:fwmollusc@gmail.com)

Copyright © 2023. All rights reserved. The Australian Museum.

