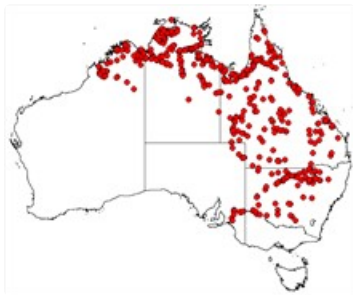




***Notopala* Cotton, 1935**

Diagnostic features

Moderately large to large globose to conical smooth or spirally lirata



Notopala distribution (including undescribed species)

shells with simple, rounded apertures, umbilicate. Fine spiral sculpture, if present, usually granulate. Colour uniform yellow, olive green or brown, sometimes with darker spiral bands above the periphery (never on the base). Operculum concentric, horny.

Head-foot with long tentacles with eyes on short processes at their outer bases; often pigmented with multiple different colours.

Classification

Notopala Cotton, 1935

Class Gastropoda

Infraclass Caenogastropoda

Informal group Architaenioglossa

Order Viviparida

Superfamily Viviparioidea

Family Viviparidae

Subfamily: Bellamyinae

Genus *Notopala* Cotton, 1935

Type species: *Paludina hanleyi* Frauenfeld, 1862, by original designation

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

Type locality: Murray River, Australia.

Synonym: *Notopalena* Iredale, 1943

State of taxonomy

The taxonomy used here for Viviparidae is largely based on unpublished research by W. Ponder.

Several undescribed taxa are known that mainly occur in areas outside the distribution of the species recognised here (see map).

Biology and ecology

On fine sediment, or on and under rocks and logs. Separate sexes, with males possessing a modified right cephalic tentacle as a penis. Females brood embryos in their pallial oviduct, which are released as mobile juveniles. Some species are able to aestivate in mud during dry periods.

Distribution

Native to Australia. Occurs in northern Australia and throughout Queensland, and extending into the Murray-Darling Basin in New South Wales, Victoria and South Australia (see map).

Notes

Notopala is similar to some Asian genera, such as *Filopaludina* Habe and *Idiopoma* Pilsbry (Stoddard, 1982).

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

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