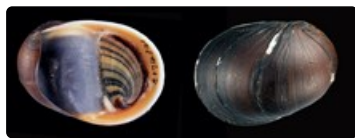




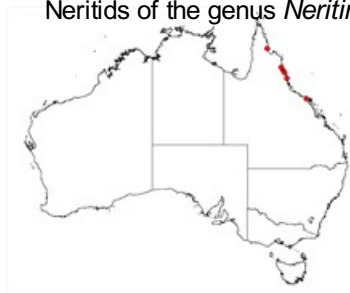
***Neritina pulligera* (Linnaeus, 1767)**



Neritina (Neritina) pulligera (adult size to about 40 mm)

Diagnostic features

Neritids of the genus *Neritina* and similar genera such as *Vittina*



Distribution of *Neritina pulligera*.

have cap-shaped, globular, or semiglobose, shells with a low to flat spire that is often submerged by last whorl. The surface is generally smooth, sometimes with spines. The periostracum is usually thick or at least well developed. Colour may vary from black to multi-coloured often with distinct and complex colour patterns. Columella very pronounced, broad and shelf-like, sometimes with wing-like projections, and often brightly coloured; columellar edge smooth or with fine denticulations. There is no umbilicus. The operculum is 'D' shaped with a smooth glossy outer surface often spirally patterned, with a prominent internal often bi-lobed elongated peg (apophysis) and a low internal spiral raised area or bulge mid-way. Their cephalic tentacles are narrow with the eye situated on a short stalk next to the outer edge of the tentacle. The snout is short and truncated with a scalloped edge. The spermatophores are variable in length, with or without an enclosing envelope or an internal radial thread but never with an external filament. Vaginal duct long and leaves the vagina near the spermatophore sac. Penes are variable but generally an external long curved organ with a prominent lateral or terminal groove, there is never a penis pouch in the male head.

Neritina pulligera is a rather large species (length to about 40 mm) has a dark brown to black shell and an orange aperture. The spire is very low.

Classification

Neritina (Neritina) pulligera (Linnaeus, 1767)

Class Gastropoda

Infraclass Neritimorpha

Order Neritopsida

Suborder Neritina

Superfamily Neritoidea

Family Neritidae

Subfamily Neritinae

Genus *Neritina* Rafinesque, 1815 (Type species: *Nerita pulligera* Linnaeus, 1767) (Synonyms *Neritella* Gray, 1841; *Velatella* Meek, 1873).

Original reference: Rafinesque C.S. [-Schmaltz]. (1815). *Analyse de la Nature ou Tableau de l'univers et des corps organisés*, pp. 1-224.

Subgenus *Neritina*

Original name: *Nerita pulligera* Linnaeus, 1767. In Linnaeus, C. 1767. *Systema naturae, seu per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. 12th edn Holmiae : Laurentii Salvii Part 2 pp. 533-1327 [1253].

Type locality: Indie fluviis (India).

Synonyms: *Neritina petiti* Récluz, 1841; *Neritina knorri* Récluz, 1841; *Neritina iris* Mousson, 1848; *Neritina brugieri* Sowerby, 1849; *Neritina sanguina* Sowerby, 1849; *Neritina pulligera sulcata* Tenison Woods, 1878.

Biology and ecology

Under rocks in holes, amongst dead leaves in fresh and brackish rivers. As with other neritids, egg capsules are small, oval and white.

Distribution

North Queensland and Northern Territory. Additionally distributed in Asia, Madagascar, India, and some Pacific islands.

Notes

Widely distributed Indo-Pacific species that ranges into estuarine environments.

Further reading

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

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