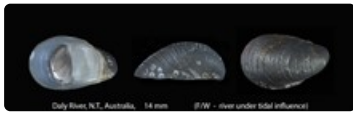




Neripteron transvesecostatum (Schepman, 1919)



Neripteron transvesecostatum (adult size to about 14 mm). Photo V. Kessner.



Distribution of *Neripteron transvesecostatum*



Bamboo Creek, near its junction with the Daly River.
Photo V. Kessner.



Neripteron transvesecostatum on leaf from Bamboo Creek. Photo V. Kessner. Note the white egg capsules on the shells.

Diagnostic features

This species is readily distinguished from other neritimorphs occurring in northern Australia by its rather elongate shape, distinct but variable transverse riblets and greyish-white, finely granular ventral shell and operculum. Dorsally the shell is dark grey with the ribs sometimes darker.

Classification

Neripteron transversecostatum (Schepman, 1919)

Class Gastropoda

Infraclass Neritimorpha

Order Neritopsida

Suborder Neritina

Superfamily Neritoidea

Family Neritidae

Subfamily Neritinae

Genus *Neripteron* Lesson, 1831 (Type species *Neritina auriculata* Lamarck, 1816).

Original name: *Neritina transversecostata* Schepman, 1919. In Schepman, M. M. (1919). On a collection of land- and freshwater Mollusca and a few marine Mollusca chiefly collected by Dr H. A. Lorentz from New Guinea, the Aru Islands, Timor and Borneo. *Nova Guinea* 13: 155-196 + plates IV - VIII.

Type locality: Lorentz River, New Guinea (i.e., SW Papua) and Creek near Bivak Island (in the Lorentz River) [now Unir or Indir River].

Biology and ecology

Like *Neritilia vulgaris* and *Coleglabra kessneri* this species is probably confined to a tidal area of the Daly River that remains largely freshwater. It is found attached to fallen logs, sticks and logs (fide V. Kessner). As with other neritids, egg capsules are small, oval and white.

Distribution

Known only from one river in the Northern Territory (Fukumori & Kano 2014) and the type locality in Papua (Schepman, 1919). Here we confirm that several collections have been made in the Daly River, NT, near around the tributaries Bamboo Creek and Browns Creek (pers. comm. to WP from V. Kessner and R. Willan in lit. May 2020).

Further reading

Cabat, A. R. & Finet, Y. (1992). Catalogue of the Neritidae (Mollusca: Gastropoda) described by Constant A. Recluz including the location of the type specimens. *Revue suisse de Zoologie* 99: 223-253.

Eichhorst, T. E. (2016). *Neritidae of the World*. Volumes 1 & 2. ConchBooks, Harxheim.

Fukumori, H. & Kano, Y. (2014). Evolutionary ecology of settlement size in planktotrophic neritimorph gastropods. *Marine Biology* 161: 213-227.

Schepman, M. M. (1919). On a collection of land- and freshwater Mollusca and a few marine Mollusca chiefly collected by Dr H. A. Lorentz from New Guinea, the Aru Islands, Timor and Borneo. *Nova Guinea* 13: 155-196 + plates IV - VIII.

Willan, E. C. & Kessner, V. (2021). A conspectus of the freshwater molluscs of the Daly River catchment, Northern Territory. *Northern Territory Naturalist* 30: 108-137.

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

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