

Family NEOMENIIDAE

Ihering, 1876

Taxonomy

Genus *Neomenia* Tullberg, 1875

Neomenia carinata Tullberg, 1875

Neomenia dalyelli (Kor. & Dan., 1877)

Neomenia microsolen Wirén, 1892

Neomenia verilli Heath, 1918

Neomenia yamamotoi Baba, 1975

Neomenia herwigi Kaiser, 1976

Neomenia crenulata Salvini-Plawen, 1978

Neomenia labrosa Salvini-Plawen, 1978

Neomenia laminata Salvini-Plawen, 1978

Neomenia trapeziformis Salvini-Plawen, 1978

Neomenia permagna Salvini-Plawen, 1978

Neomenia proprietecta Salvini-Plawen, 1978

Neomenia megatrapezata Salvini-Plawen & Paar-Gausch, 2004

Neomenia trivialis Salvini-Plawen & Paar-Gausch, 2004

Neomenia naevata Salvini-Plawen & Paar-Gausch, 2004

Neomenia simplex Salvini-Plawen, 2006

Neomenia monolabrosa Salvini-Plawen, 2006

Neomenia oscari Salvini-Plawen, 2006

Neomenia expleta García-Álvarez, Zamarro & Urgorri, 2010

Quick ID Guide

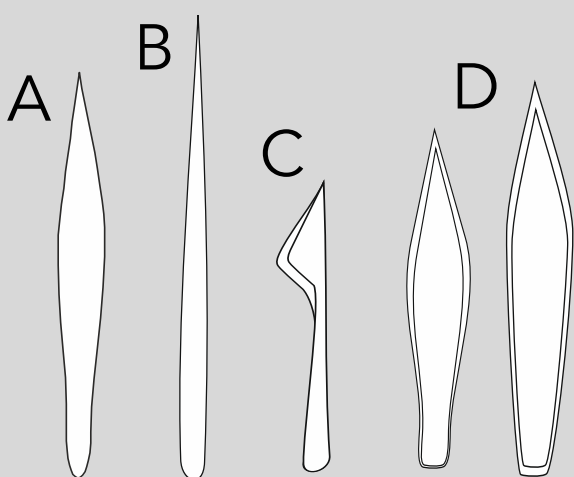
How to ID: Stout animals. Slightly shiny, white, yellow or pinkish. Solid sclerites*

Size: 2 mm - 3 cm in body length

Potential Look-alikes: Some Hemimeniidae species (but these with harpoon-shaped sclerites).

Species Level Identification: Analysis of internal characters needed: respiratory folds, reproductive structures (e.g. number and arrangement of the copulatory stylets)

***Scleritome:** solid sclerites of different types



Lanceolated sclerites (A), acicular sclerites (B), sclerites with arrow point (C), excavated laminar scales (D)



Neomenia species, light microscopy photographs.

Distribution

Distribution: North Sea, Mediterranean Sea, South Indian Ocean, South Atlantic, Antarctic, New Zealand, North Atlantic, South Pacific,

Depth Range: 80 - 2100 m