

CLASS HOLOTHOROIDEA

Subclass Apodacea

Diagnosis. Up to 25 digitate to pinnate tentacles, tube feet absent or highly reduced. (e.g., *Caudina*, *Euapta*, *Leptosynapta*, *Molpadia*, *Synapta*, *Trochoderma*.)

Order Apodida

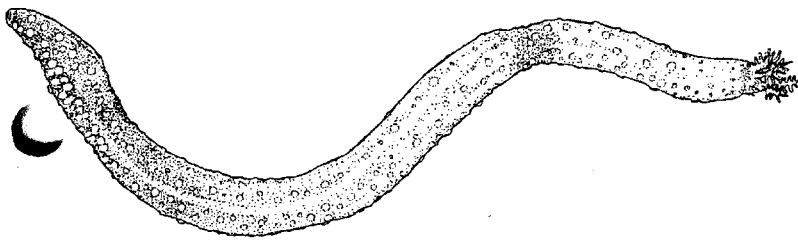
Diagnosis. Body cylindrical, worm-like, smooth, rough or warty surface, tube feet absent, respiratory trees absent, 10-25 digitate or pinnate tentacles, ossicles include wheels and anchors.

Family Chiridotidae

Diagnosis. Tentacle stalks short, widened distally, 3-10 digits on each side of the distal end. Ossicles as 6-spoked wheels.

Chiridota sp.

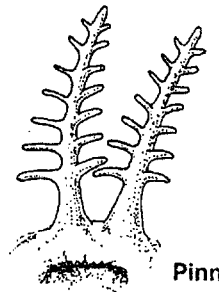
General Body Design:



General Tentacle Morphology:



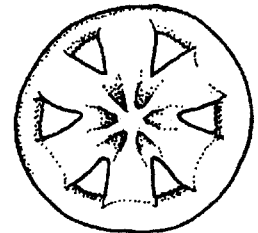
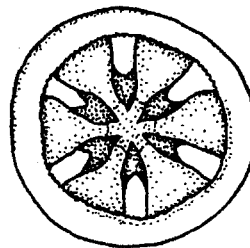
Digitate



Pinnate

Larvae Morphology:

General Ossicle Morphology:



General Ring Canal Morphology:

