

KEY TO THE  
HOLOTHUROIDS OF POINT LOMA

Key characters include presence/absence of tubefeet, body shape, spicule type, and, in some cases, coloration.

- 1a Tube feet obvious; body tapering at each end, decidedly curved . . . . . 2
- 1b. Tube feet absent . . . . . 3
- 2a. Specimen large, well developed, usually dark in color (see voucher sheets)  
. . . . . *Pentamera psuedopopulifera*
- 2b. Specimen white (see voucher sheet) . . . . .  
. . . . . *Pentamera populifera*
- 3a. Body elongate (vermiform), "fleshy" . . . . . 4
- 3b. Body plump, tapered posteriorly into a "tail" . . . . . 5
- 4a. Body wall thin, generally colorless to pink; spicules are tables with anchors visible through body wall along its entire length . . . . . *Leptosynapta* sp. A SCAMIT
- 4b. Body wall thickened, usually mottled red; spicules are "wheels" concentrated in isolated "blisters" along body wall  
. . . . . *Chiridota* sp. A SCAMIT
- 5a. Body stout with short "tail;" mottled reddish-brown coloration; spicules are anchors with supporting rods  
. . . . . *Molpadia intermedia*
- 5b. Body white to cream colored with long "tail"; body wall appears papillated, in part, due to dense table-type spicules protruding through body wall . . . . . *Caudina arenicola*