

SCAMIT CODE: None

Date Examined: 27 October 1995  
Voucher By: Dean Pasko & Don Cadien

SYNGNYMY: Paleonemertea sp. SD 1 of Point Loma  
Paleonemertea sp. C of Cadien, LA County  
*Tubulanus* sp. of Paquette, MBC

LITERATURE: Coe, W. R., 1940. Revision of the nemertean fauna of the Pacific coasts of North, Central, and northern South America. Allan Hancock Pacific Expeditions. 2 No. 13: 247-323.

Blake, J. A. and A. L. Lissner, 1993. Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel. Volume 1. Introduction, Benthic Ecology, Oceanography, Platyhelminthes and Nemertea.

DIAGNOSTIC CHARACTERS:

1. Generally a large, thick bodied "Tubulanid-type" nemertean with cream colored body and brownish-red preservation band in the esophageal region preceded by thin white preservation band anteriorly. Other variations on preserved pigmentation may include brownish speckling anteriorly on head and/or a thin white (isosceles) triangular patch posteriorly in preservation band (See Figure 1).
2. Lateral sense organ absent (i.e., paired lateral white rings typical of the lateral sense organs found in *Tubulanus polymorphus* are absent).
3. Eyes absent.
4. A very short longitudinal cephalic groove is present.
5. Just posterior to the cephalic groove, the head bears two flattened field—one of each side of the head—which are sharply defined, but not sunken below the body surface. These may be sensory.

RELATED SPECIES AND CHARACTER DIFFERENCES:

1. *Tubulanus polymorphus*: cephalic groove absent and lateral sense organ present.
2. *Carinomella lactea*: cephalic groove absent; thin white band anterior to preservation ring also absent.
3. Paleonemertea sp. A of Phillips: cephalic groove absent; thin white band anterior to preservation ring absent; thin white band present on head in vicinity of mouth.

DEPTH RANGE: intertidal to 150 m

DISTRIBUTION: Southern California Bight.

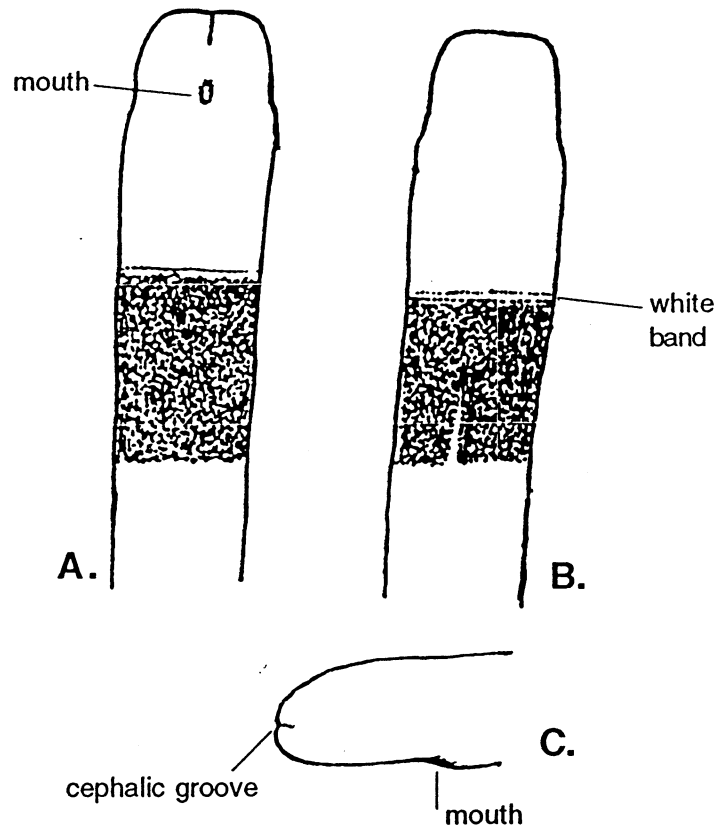


Figure 1

Figure 1. Paleonemertea sp. C SCAMIT: A. anterior end, ventral view; B. anterior end, dorsal view; C. head, lateral view.