SCAMIT CODE: None

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

SYNONYMY: 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.
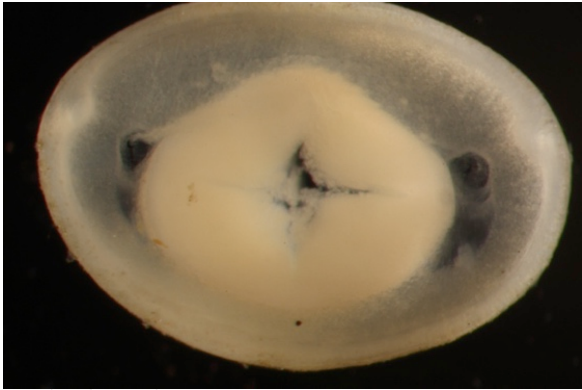
DEPTH RANGE: intertidal to 150 m
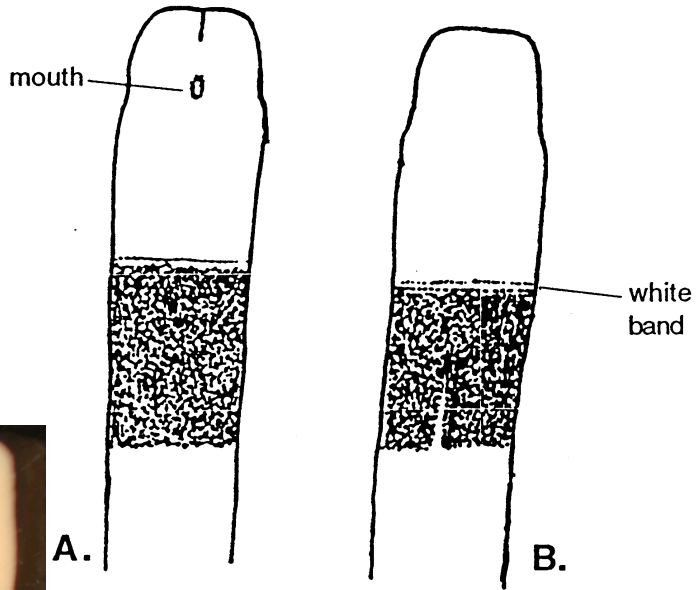
DISTRIBUTION: Southern California Bight.
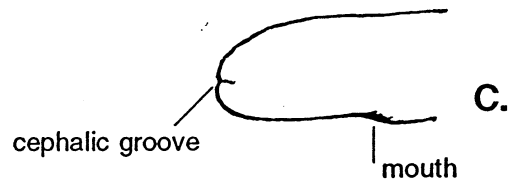
Tubulanidae sp C, x-section

Tubulanidae sp C, ventro-lateral view

Bight'13 specimen: Stn 8360

Position of above x-section

mouth

white band

A.

B.

cephalic groove

mouth

C.

Tubulanidae sp C: **A**. anterior, ventral view; **B.** anterior, dorsal view; **C.** head, lateral view

Paleonemertea sp C SCAMIT
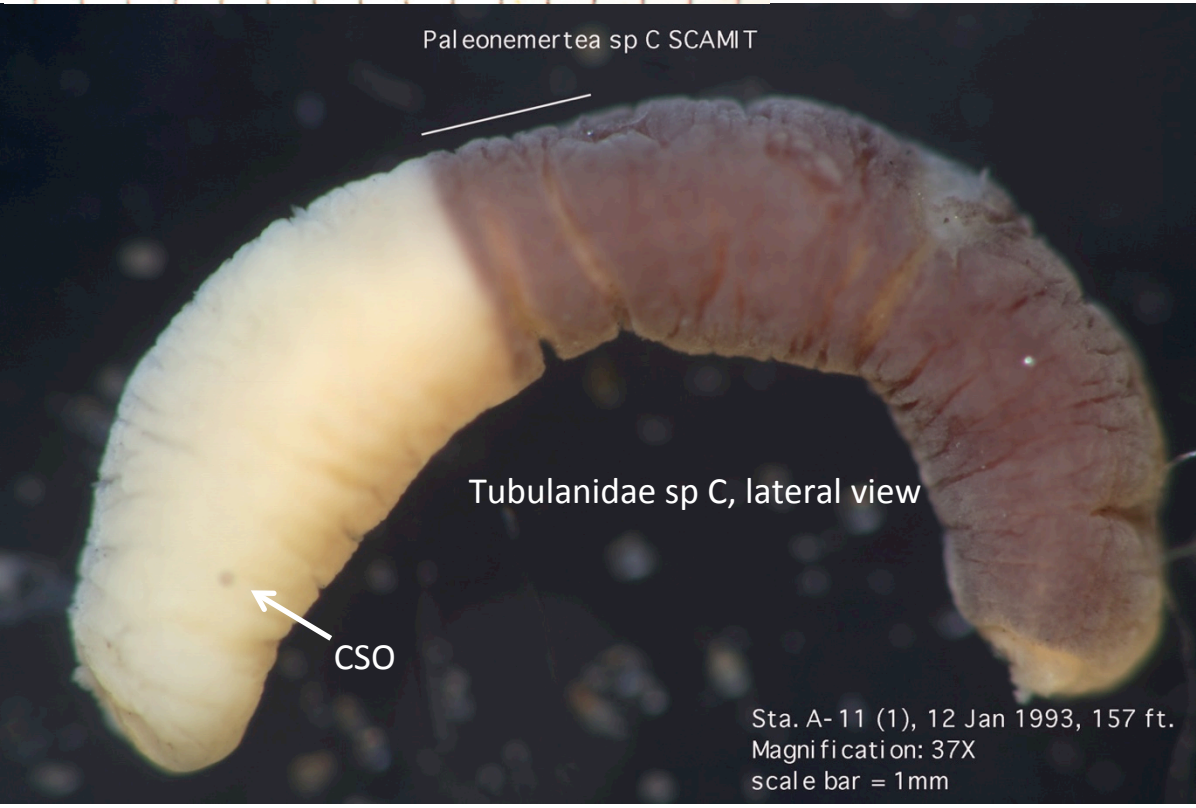
Tubulanidae sp C, lateral view

CSO

Sta. A-11 (1), 12 Jan 1993, 157 ft.
Magnification: 37X
scale bar = 1mm