

Hoplonemertea sp. HYP2

Genus: Nemertea: Enopla

SCAMIT Vol. , No

SCAMIT CODE: None

Date Examined: 16 November 2006

Voucher By: Tony Phillips

SYNONYMY: Amphiporidae sp HYP 2 (Phillips 1999)
Amphiporus sp C of Hyperion (Phillips 1999)

LITERATURE:

- Bernhardt, P. 1979. A key to the Nemertea from the intertidal zone of the coast of California. (Unpublished).
Coe, W.R. 1901. Papers from the Harriman Expedition, 20, the Nemerteans. Proc. Wash. Acad. Sci., 3:1-110.
Coe, W.R. 1905. Nemerteans of the west and north-west coasts of North America. Bull. Mus. Comp. Zool. Harvard Coll. 47:1-319.
Coe, W.R. 1940. Revision of the nemertean fauna of the Pacific Coast of North, Central and northern South America. Allen Hancock Pacific Exped. 2(13):247-323.

DIAGNOSTIC CHARACTERS:

1. Body white, thick, generally of uniform width, intestinal diverticula darkly pigmented
2. Dorsal ridge running almost full length of body, $\frac{1}{4}$ or slightly greater the width of body
3. Proboscis sheath extends almost full length of body
4. stylet > 2x length of basis (s/b ratio 2.2 – 2.8), basis rounded (bulb shaped) 2 pouches of accessory stylets (3-5/pouch)
eyes not visible uncleared; cleared specimens with single row 3 eyes along each side of anterior edge of head (anterior pair crescent shaped), single pair of crescent shaped eyes in front of brain lobes, with 2-3 crescent shaped eyes along side of brain lobes
6. Largest specimen 47 mm (incomplete)

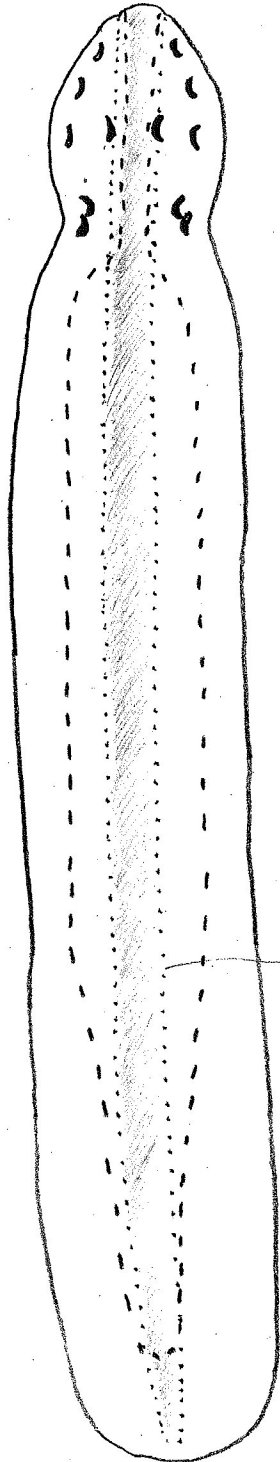
RELATED SPECIES AND CHARACTER DIFFERENCES:

The external morphological character of an elevated dorsal ridge running almost the full length of the body and the cleared eye pattern has not been seen in any other hoplonemerteans found in the southern California Bight.

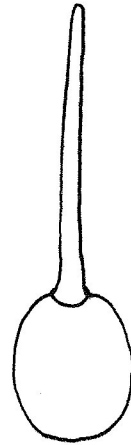
DEPTH RANGE: 15 meters

DISTRIBUTION: Santa Monica Bay; fine to medium sands

Hoploneurinae sp Hyp 2



Raised ridge



8mm spm

eyes get lost/reduced w increased size
• spms 37mm have only posterior pair of eyes
• spms ~45mm have no eyes, posterior pair represented by spots