

SCAMIT Code: OC 59 (in part)

Date Examined: November 12, 1985

Voucher by: Susan Williams (AHF)

LITERATURE: Hartman, 1961, 1969  
Treadwell, 1914

DIAGNOSTIC CHARACTERISTICS:

1. Body markedly coiled
2. Notosetae on 40-50 plus segments; notopodia very reduced on posterior segments.
3. Branchiae on setigers 1-3; tufts of long, simple filaments.
4. Eyespots absent (or not obvious).
5. First 12 segments short and broad, crowded. Ventral scutes through setiger 12/13, biannulate, set off from neuropodia (Fig. 1).
6. Abdominal tori of moderate size, not elongated.
7. Methyl green staining of note: dorsum stains a dark solid green through setiger 10/11 and is darker than the ventrum.
8. Tube reddish brown, coiled (Fig. 2), tough, incorporating coarse material (forams, plant debris, etc.)

RELATED SPECIES AND DIFFERENCES:

Streblosoma sp A: 7-9 pairs of branchiae; deep-water

Streblosoma sp B: fewer thoracic setigers, shorter branchial filaments, abdominal tori elongate, etc. (see voucher sheet).

- REMARKS:
1. The holotype of S. crassibranchia was examined. It is a small (9mm), incomplete juvenile, now dried. Ventral scutes are well-developed through about setiger 14, then less obvious.
  2. The description in Hartman, 1961 appears to refer to a mixture of S. crassibranchia and S. sp B.

DISTRIBUTION: California, shelf depths.

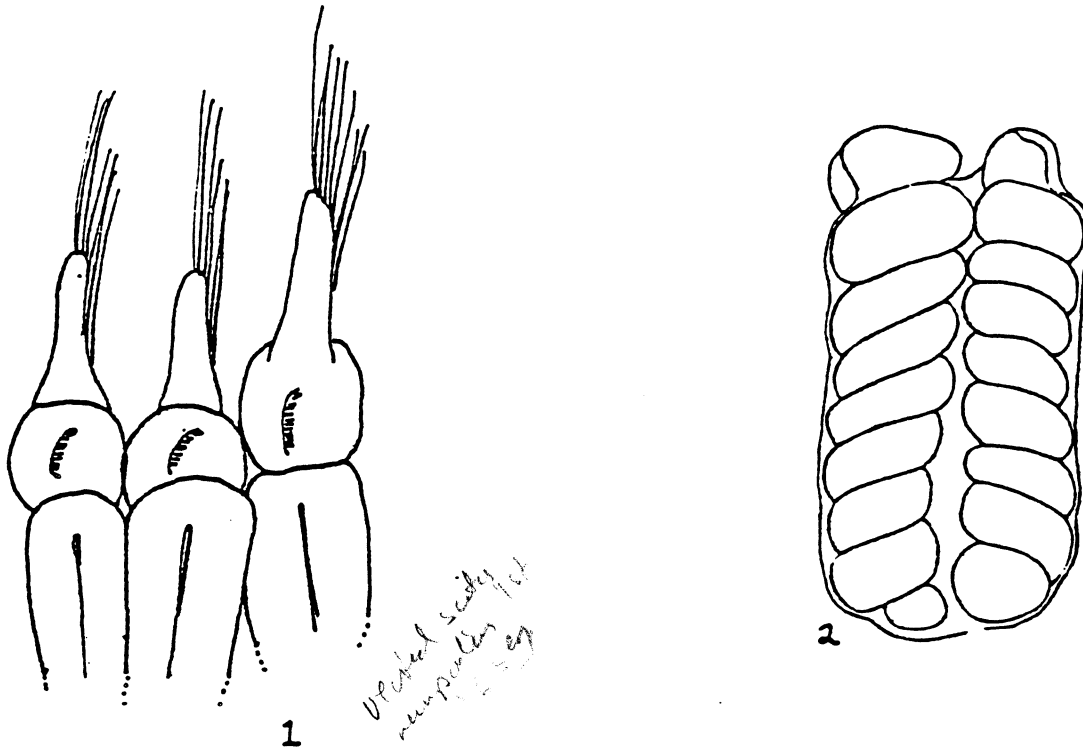


Figure 1 original; Fig. 2 from Hartman, 1969