

City Of San Diego Voucher Sheet

Species: *Streblosoma* sp SD1

Authority: City of San Diego, 2000

Common Synonyms:

None known

Taxon: Polychaeta: Terebellidae

Date: September, 2000

By: K. Barwick

Voucher Specimen(s):

Station	Date	Depth	Storage Location/#
I-28	1/19/00	190 ft.	CSD/TBA

Full Description: (11 specimens examined, 3 entire)

- 3 pairs of filamentous branchiae arranged in dorsal tufts on first 3 setigers, individual branchial filaments relatively short, Fig. 4
- 26 - 33 setigers with notosetae, uncini begin on ~~third~~ setiger
- dense row of reddish eyespots located across the dorsum of tentacular lobe, extending laterally Fig. 2
- tentacular lobe with numerous, thick grooved tentacles, Fig. 3 & 4
- each avicular uncinus with multiple rows of accessory teeth above main fang, Fig. 5
- methyl green staining pattern:
 - ventral scutes stain solid green on the first 8 - 10 setigers, Fig. 3
 - light speckling on anterior dorsum, Fig. 4, becoming transverse stripes in mid thorax, stripes wrap around to almost meet mid-ventrally, Fig. 1
 - crescent shaped patch at the base of each parapod, parapods themselves do not stain, Fig. 1

Illustrations: (K. Barwick)

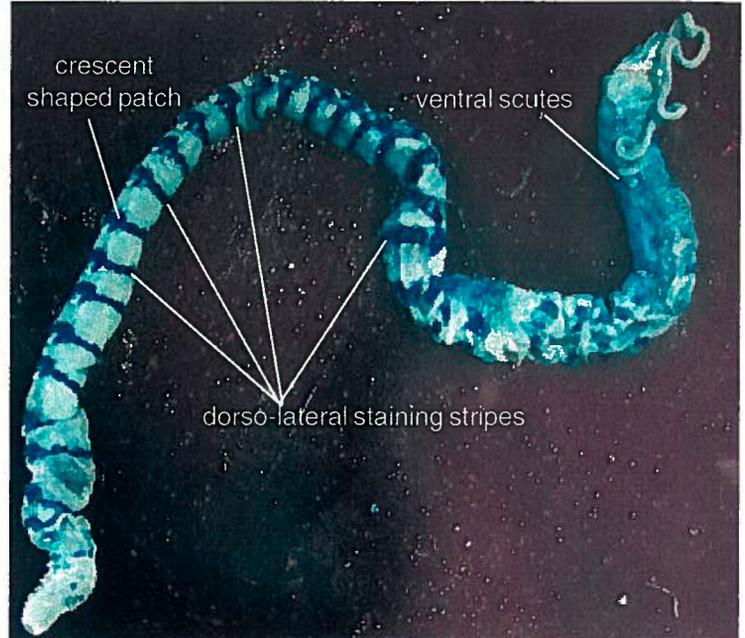


Fig. 1 — entire animal showing methyl green staining pattern

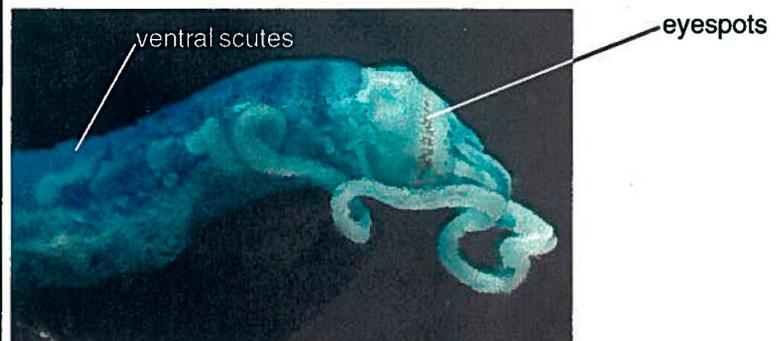


Fig.2 — anterior-lateral view of specimen above

additional images on 2nd page

Comments:

Based on the arrangement of teeth on the thoracic uncini, Fig. 5, this species mostly closely resembles the description of *Streblosoma bairdi* (Malmgren, 1866) in Berkeley & Berkeley (1952) and Hobson & Banse (1981) (see Fig. 23(o) pg. 94). Teeth arrangement differs from Hartman's (1961) illustrations (plate 14 fig. 5 - 8) of *S. crassibranchia* Treadwell, 1914 and from the author's own observation of *S. sp B SCAMIT*, 1985. The species described herein is most likely the same species as *Streblosoma* sp 1 fide Lovell (Larry Lovell personal communication 11 Aug. 00).

Distribution:

Known only from voucher material (above). [*S. sp 1* fide Lovell has been reported from Catalina, Orange County, and Santa Monica Bay (Larry Lovell personal communication 11 Aug. 00).]