

City of San Diego Provisional Voucher Sheet

Species: *Paradoneis* sp SD1

Authority: Barwick, 2000

Common Synonyms:

Taxon: Polychaeta: Paraonidae

Date: April 5, 2000

By: K. Barwick

Voucher Specimen(s):

Station	Date	Storage Location/#
Bight '98 2088 (40.6m)	7/24/98	Main/P318
Pt. Loma A12 (161 ft.)	7/10/87	Main/P318

Full Description:

1. Prostomium short, rounded with two nuchal slits (Fig. 2)
2. Median antenna absent
3. Branchiae begin on setiger 4, 6-8 pairs
4. Notopodia with single furcate seta per fascicle
5. Modified neurosetae present in far posterior setigers, short curved curved spines with or without terminal arista, several present per fascicle (Fig. 1)
6. Postsetal notopodial lobes digitate in the post branchial region to end of animal, slightly longer in the posterior most setigers with the longest on the last setiger, see Mackie (1991)
7. Pygidium with three anal cirri

Illustrations: (K. Barwick)

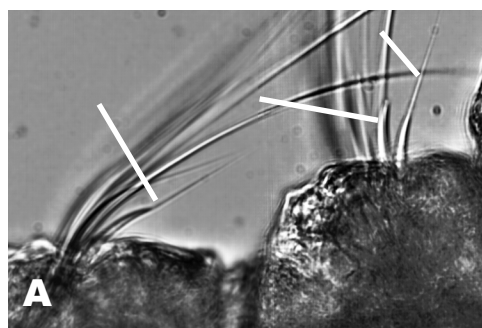


Fig. 1 — A. Two neuropodial fascicles from posterior setigers (400X), B. Detail of modified neurosetae

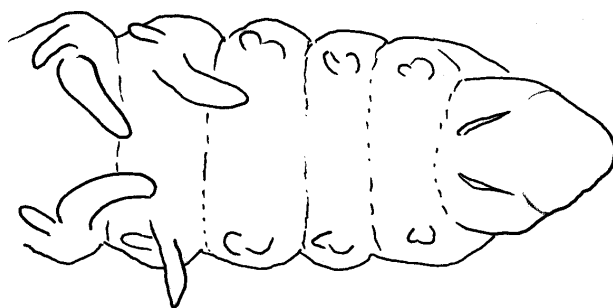


Fig. 2 — Dorsal view of anterior, setae not shown

Comments:

This animal is very similar to *P. eliasoni* Mackie, 1991. The main difference between the two is that *P. eliasoni* is described as having only "single curved hooks" in posterior neuropodia. *P. sp. SD1* has numerous (2 or more) curved spines per fascicle many with terminal arista. Specimens in the Pt. Loma voucher collection labeled *P. eliasoni* were all determined to be *P. sp SD1*.

Distribution:

Collected at Bight '98 stations 2088 (Catalina Island 40.6m), 2472 (Channel Islands 25m), & 2493 (44m); ITP station 2137 (157ft.), & Pt. Loma station A12 (161 ft.)

Literature Cited:

Mackie, A. S. Y. 1991. *Paradoneis eliasoni* sp. nov. (Polychaeta: Paraonidae) from northern European waters, with a redescription of *Paradoneis lyra* (Southern, 1914). *Ophelia supplement* 5: 147-155.