

CITY OF SAN DIEGO VOUCHER SHEET

Species: *Carazziella sp. A*

Authority: [fide Velarde, 1995]

Common Synonyms:

Possibly *Carazziella phillipensis* Blake & Kudenov, 1978

Taxa: Annelida: Spionidae

Date: November 8, 1995

By: R. Rowe

Voucher Specimen(s):

| Station | Date | Depth | Storage Location | Voucher # |
|----------|-----------|---------|------------------|-----------|
| A-8(2) | 5 Jan 84 | 205 ft. | Pt Loma Main | P-312 |
| SCBPP533 | 17 Aug 94 | 21m. | Pt Loma 'DLZ' | 189 |

Characters (used in lab to confirm ID):

1. Two types of bristle-topped major spines on the fifth setiger
2. Branchiae begin on setiger 7, some nearly reach middorsum, present on 10-11 setigers
3. Bifid neuropodial hooks begin on setiger 8 (number ~4-7 per fascicle on anterior setigers)
4. Caruncle short, extending to posterior margin of setiger 2, split by transverse void or groove at posterior margin of setiger 1
5. Occipital tentacle is absent
6. Prostomium rounded with shallow incision at anterior margin
7. Full fascicle of capillary notosetae on first setiger
8. Few fine superior and more numerous inferior capillary setae on setiger 5
9. Two pair of eyes, the anterior larger
10. Pygidium with four subequal triangular lobes

Full Description:

See the original description of *Carazziella phillipensis*, Blake and Kudenov, 1978 and related species below. Voucher specimen from Pt. Loma 'DLZ'-189 is an entire worm (38 setigers) with a length of approximately 5mm.

Illustration (following figures from Blake and Kudenov, 1978 of *Carazziella phillipensis*)

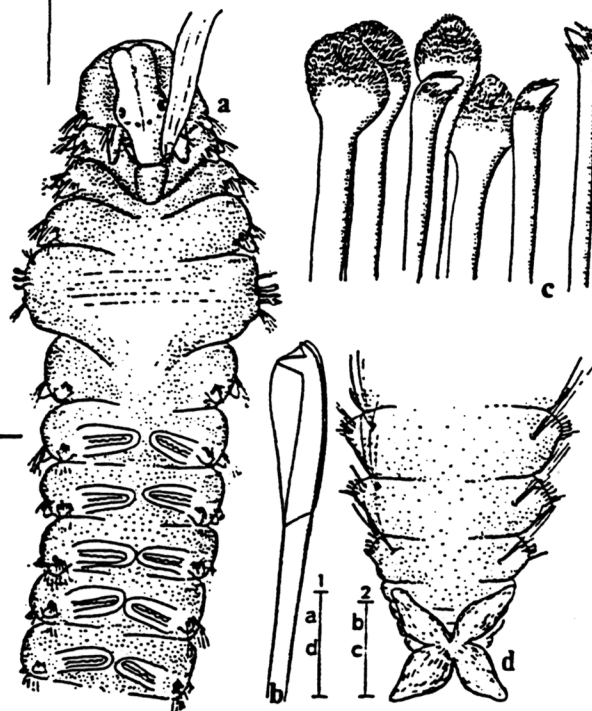


Figure 35.—*Carazziella phillipensis* sp. nov.—a, anterior end in dorsal view; b, hooded hook; c, group of spines from setiger 5; d, posterior end in dorsal view. [Scale 1 = 200 mic. 2 = 20 mic.]

Related Species (character differences):

- C. phillipensis* - *C. sp. A* is nearly identical and may prove synonymous upon comparison of specimens. *C. sp. A* has a few more notosetae on the 1st setiger, and the hooded hooks are bifid throughout with a main fang that is slightly more obtuse. *C. phillipensis* branchiae on 5-6 setigers. See the original description of *C. phillipensis*.
- C. citrona* (Hartman, 1941) see Blake, 1979- Has prostomium with an entire anterior margin, hooks from setiger 10 number 15-18 per fascicle, and larger (to 30mm and 120 setigers). Branchiae present on 70 setigers
- C. calafia* Blake, 1979- No superior capillaries on setiger 5.
- C. hobsonae* Blake, 1979- No notosetae on setiger 1 and anterior setigers with only 3 hooks per fascicle.
- C. reishi* (Woodwick, 1964)- No eyes, only 2-3 hooks anteriorly, pygidium with 4 short lobes, and smooth spines on 5th Branchiae present on only 5 setigers.

- References:** Blake, J. A. & J.D. Kudenov, 1978. The Spionidae from southeastern Australia and adjacent seas with a revision of the genera. Mem. Nat. Mus. Vic.39:171-280.
- Blake, J. A. 1979. Four new species of *Carazziella* from North and South America, with a redescription of two previously described forms. Proc. Biol. Soc. Wash. 92(3):466-481.