

City Of San Diego Voucher Sheet

Species: *Aricidea (Acmira)* sp SD1

Authority: City of San Diego, 1999

Common Synonyms:

None known

Taxon: Polychaeta: Paraonidae

Date: May 1999

By: K. Barwick

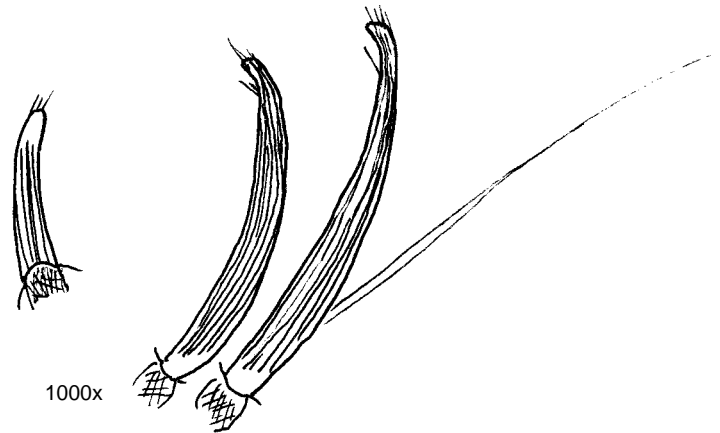
Voucher Specimen(s):

Station	Date	Depth	Storage Location/#
2518	7/23/98	112m	Bight' 98 / 981119
2472	7/22/98	25m	CSD / P-70

Full Description: (14 specimens examined, one entire)

- Antenna short, does not reach past posterior of prostomium; club shaped
- 12 pairs of branchiae; start on setiger 4
- Branchiae with broad base, tapering to filiform tips; last two pairs much reduced in size with the last pair being smallest
- Prostomium rounded, triangular with nuchal slits present; pigment present on some specimens (see second page)
- Postsetal notopodial lobes present from setiger one, start as short and tuberculate; transition through branchial region to filiform in the postbranchial setigers
- No postsetal neuropodial lobes
- Modified postbranchial neuropodial setae with a slight curve and distal hook; slight constriction and short hairs distally
- Pygidium with two filamentous anal cirri
- Rust colored pigment on most animals (often faded to light speckling)

Illustrations: (K. Barwick)



Modified postbranchial neurosetae



Lateral view of anterior end showing median antenna and branchiae (Bight'98/981119)

additional images on 2nd page

Comments:

The modified setae most closely resemble *Aricidea (Acesta) finitima* Strelzov, 1973 (pg. 113, fig. 41e & f). Also see figure 2-36c in Gaston, 1984. This species has been synonymized with *Aricidea (Acmira) rubra* Hartman, 1963 (Blake, 1996). *Aricidea (Acmira)* sp. SD1 differs from *Aricidea (Acmira) rubra* in that the median antenna is shaped differently as well as shorter. It has considerably fewer pairs of branchiae and has at least some pigment in preservation. The specimens examined also lack the "extra papilla located dorsal to the podial lobe." (Blake, 1996).

Distribution:

Only known from voucher locations (see above). Stations are located east and south of Santa Cruz Island.

Additional Illustrations: (K. Barwick)



Dorsal view of anterior end
(CSD/P-70)



Ventral view of anterior end
(CSD/P-70)

Literature Cited:

- Blake, J. A., 1996. Chapter 2. Family Paraonidae Cerruti, 1909. Pp. 27-70 IN: Taxonomic Atlas of the Santa Maria Basin and Western Santa Barbara Channel. J. A. Blake, B. Hilbig and P. H. Scott, (eds). Santa Barbara Museum of Natural History. Vol. 6, The Annelida Part 3. Polychaeta: Orbiniidae to Cossuridae. 418pp.
- Gaston, G. R. 1984. Chapter 2. Family Paraonidae Cerruti, 1909. IN: Taxonomic Guide to the Polychaetes of the Northern Gulf of Mexico. J. Ubelacker and P. Johnson (eds). U.S. Department of the Interior, Minerals Management Service. 53pp.
- Strelzov, V. E. 1973. Polychaete Worms of the Family Paraonidae Cerruti, 1909 (Polychaeta, Sedentaria). (English translation). Amerind Publishing Co. Pvt. Ltd., New Delhi. 212pp.