

## City of San Diego Provisional Voucher Sheet

**Species:** *Aricidea (Aricidea) cf. longobranchiata* **Taxon:** Polychaeta: Paraonidae

**Authority:** Day 1961

**Date:** May, 2000

**Common Synonyms:**

**By:** K. Barwick

**Voucher Specimen(s):**

Station	Date	Storage Location/#
ITP I-6(1), 86 ft.	23JUL97	DLZ/2028

**Full Description:** (Based on a single incomplete specimen, adapted from preliminary voucher sheet by R. Rowe, 11/6/97)

1. Median antenna reaches to about setiger 4, tapering at distal end (Fig. 1)
2. A single modified postbranchial neurosetae found on the next-to-last setiger, acicula distally falcate with subdistal hood (Fig. 2)
3. ~28 pairs of branchiae, last few pair are longer with tapering tips (Fig. 1)
4. Postsetal notopodial lobes start as short tubercles in the prebranchial region then progress to digitate with tapering tips in branchial region, then are thin and thread like in the postbranchial region becoming shorter in the posterior of this fragment
5. Prostomium with a pair of eyespots.

### Illustrations:

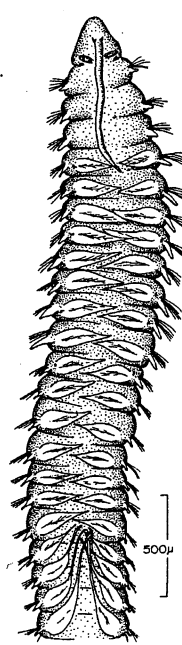


Fig. 1 — Dorsal view of anterior of animal (modified from Blake and Walton, 1977)

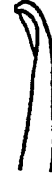


Fig. 2 — Modified postbranchial neurosetae, DLZ #2028 (1000X) (K. Barwick)

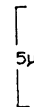


Fig. 3 — Modified postbranchial neurosetae of *A. longobranchiata* sensu stricto (modified from Blake and Walton, 1977)

### Comments:

*Aricidea longobranchiata* Day, 1961 was originally described from South Africa. Blake and Walton (1977) describe an animal with the same name from the Gulf of the Farallones off San Francisco Bay. They noted a couple of small differences from Day's original description. Their northern Californian specimens had: a greater number of branchial pairs (up to 27), eyespots, and "segmental red pigment spots at the base of some anterior branchiae" (Blake and Walton, 1977). The specimen described here further differs from both the South African form and the northern Californian form in the type of modified postbranchial neurosetae. Day describes *A. longobranchiata* as having acicular setae with "unidentate tips and fine tapered guard or aristae arising just below the tips" (Day, 1961). (Fig. 3)

### Distribution:

Known only from single incomplete voucher specimen. ITP Station: I-6 (86 ft.)

### Literature Cited:

Blake, J. A. & C. P. Walton. 1977. New species and records of Polychaeta from the Gulf of the Farallones, California. In: D. J. Reish and K. Fauchald eds. Essays on the Polychaetous Annelids in Memory of Dr. Olga Hartman. Allan Hancock Foundation Publication, pp. 307-321.

Day, J. H. 1961. The Polychaete Fauna of South Africa. Part 6. Sedentary species dredged off Cape Coasts with a few new records from the shore. Journal of the Linnean Society of London, Vol. 44(299). pp. 463-560.