



City and County of San Francisco Voucher Sheet

Voucher #: P725

Taxa: Polychaeta: Magelonidae

Original Prep. Date: 17 Aug 2004

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Species Code: MAG_HARTMANAE

Species: *Magelona hartmanae*

Authority: Jones, 1978

Common Synonyms:

Voucher Information

SAMPLE NUMBER	STATION	SAMPLE DATE	NUMBER OF SPECIMENS	COMMENTS/NOTES
SWOOA105	34	20 SEP 1999	1	19 mm length, incomplete
BSSWB105	07	24 FEB 1988	8	DH, incomplete, 2 dyed blue
BSSWCO55	01	24 OCT 1985	3	verified by L. Lovell 3/91, poor condition
BSSWE127	04	22 FEB 1989	1	verified by L. Lovell 3/91, dyed blue
BSSWB105	07	24 FEB 1988	11	light blue dye

Characters:

- Moderately sized, slender, light tan in alcohol with black pigment marks at bases of papillae on palps and margins of palps (may fade)
- Prostomium slightly longer than wide with well developed horns at anterior end (a)
- Thoracic dorsal cirrus cirriform (b)
- Parapodia 1-8 similar with lateral notopodial lamellae, dorsal medial lobes, and ventral neuropodial lobes (b); setae bilimbate (c)
- Parapodium 9 without dorsal medial lobe, with well developed lateral lamellae (d), setae of the 9th setiger arranged in fascicles of pennoned setae (e)
- Thorax narrows slightly approaching abdomen at 9th setiger
- Neuropodial and notopodial hooded, tridentate hooks are of 2 types: 1) long shafted and 2) short shafted hooks located at the base of the pedicel (f)
- Methyl green staining pattern (g): moderate uptake on dorsal and ventral surfaces from setigers 4 to 6

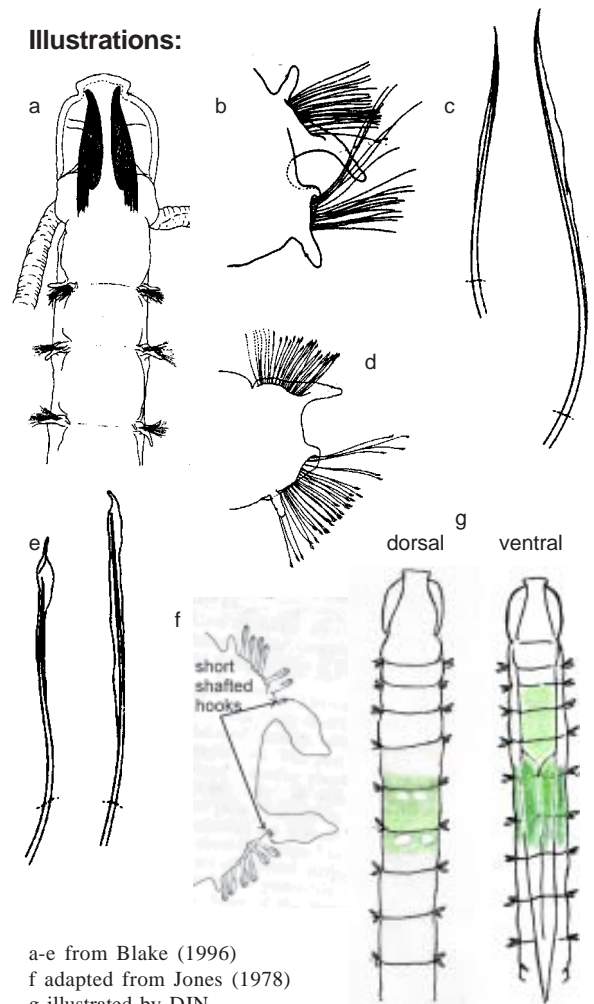
Additional Information:

SIZE: Up to 66 mm long, 0.4 mm wide, 120 setigers (Blake 1996)

DISTRIBUTION: Central and southern California; Monterey Bay to Channel Islands (Blake 1996)

HABITAT: Inner continental shelf, 12 - 50 m in sandy sediments (Blake 1996)

Illustrations:



a-e from Blake (1996)
f adapted from Jones (1978)
g illustrated by DJN

Magelona hartmanae (continued)

Similar Species:

Magelona sacculata: distinguished by its lateral pouches between the 10th and 11th setigers and between parapodia of some abdominal segments; *Magelona berkeleyi*: most easily distinguished by the more medially expanded prostomium, the lack of pennoned setae on setiger 9, and wider dorsal thoracic cirri. Methyl Green staining pattern of *M. hartmanae* is also distinctly different from both *M. berkeleyi* and *M. sacculata*.

Comments:

The parapodia of the thoracic setigers are located at the anterior of the segment close to the intersegmental region. What appears to be the 1st setiger is actually the peristomial segment.

References:

Reference List

Blake, J. A., 1996. Family Magelonidae Cunningham and Ramage, 1888, in *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel*; eds.: J. A. Blake, B. Hilbig, and P. Scott. Santa Barbara, California: Santa Barbara Museum of Natural History, vol. 6, pp. 253-262.

Revision History: