



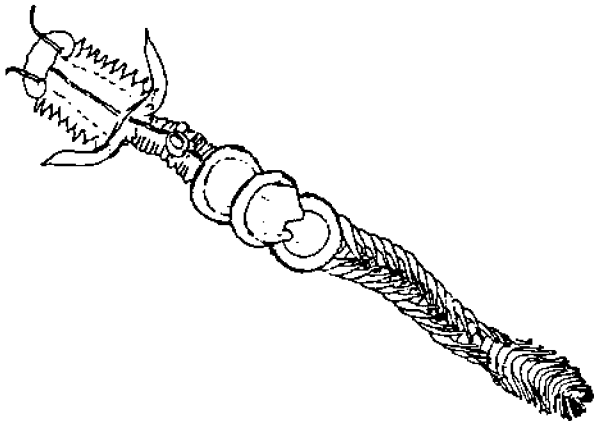
**Southern California Association of  
Marine Invertebrate Taxonomists**

3720 Stephen White Drive  
San Pedro, California 90731

December, 1993

Vol. 12, No. 8

<b>NEXT MEETING:</b>	Weird and Strange Polychaetes 2
<b>GUEST SPEAKER:</b>	None
<b>DATE:</b>	January 10, 1993
<b>TIME:</b>	9:30am-3:00pm
<b>LOCATION:</b>	Polychaete Lab, Los Angeles County Museum of Natural History, Los Angeles, CA



**JANUARY 10**

The meeting in January will be a show and tell, (part 2), with polychaete specimens that are weird, strange or rare from the recently generated species list. So please bring your animals. It will be held at Dr. Kirk Fitzhugh's polychaete lab at the Los Angeles Natural History Museum, Los Angeles, CA.

*Chaetopterus variopedatus* (Renier, 1804): Figure  
from Hartman 1969 Atlas of the Sedentariate  
Polychaetous Annelids

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*SCAMIT Newsletter is not deemed to be a valid publication for formal taxonomic purposes.*

**MINUTES FROM MEETING ON  
DECEMBER 13**

The Echinoderm Newsletter #18 is available and anyone who is interested in receiving this newsletter or next years please contact:

Cynthia Ahearn  
Dept. of Invertebrate Zoology, MRC 163  
Smithsonian Institution  
Washington, DC 20560

A bill has been introduced in the House of Representatives (HR 2918), which would establish the National Institute for the Environment as an independent entity "to improve the scientific basis for decision-making on environmental issues, and for other purposes. Additional duties relate to enhancing communications between scientists and policy makers, encouraging development of environmentally benign technologies and identifying emerging environmental issues.

Larry Lovell passed around a Smithsonian Series Program which contains reports on the research and collections of the various Smithsonian museums and offices or of professional colleagues associated with the Institution. If anyone is interested in receiving a copy of this please contact Ann Dalkey at (310) 648-5611.

Linde Looy of Fraser Environmental Services in British Columbia is starting a "SCAMIT" in the Pacific Northwest. It will include fresh water and/or marine phytoplankton, periphyton, zooplankton or invertebrate taxonomy. Included in this newsletter is a notice for an upcoming meeting.

The 5th Polychaete Conference will be held in China sometime in mid-July, 1995. Dr. Reish suggested SCAMIT might want to get a tour group formed so that the air fare would be cheaper.

Nominations are now open for SCAMIT officers for the 1994-95 year. They will be entertained from now up to and including the January meeting. We greatly need officers, (some of the current officers will not be running for re-election), so please consider offering your services for the upcoming year. Send your nominations to the Vice President, Larry Lovell at:

1036 Buena Vista  
Vista, CA 92083

Ballots will be mailed out with the January newsletter and will be due by the March meeting.

The rest of the meeting was spent examining polychaete specimens that were weird, strange or rare from the recently generated species list. This included *Scoelepis* sp. 1 (Point Loma), *Nothria occidentalis*, *Sabellides* sp 1 (Point Loma), *Petaloproctus borealis*, *Scoloplos acmeceps profundus*, *Sphaerosyllis brandhorsti* and *Mooreonuphis stigmatis*.

### FUTURE MEETINGS

The February 14 meeting will be a workshop on the Polydora complex (*Boccardia*, *Pseudopolydora*, *Carazziella*, *Polydora* etc.). Larry Lovell will be leading the meeting. Please start collecting specimens and get them to Larry as soon as possible. His address is at the beginning of the newsletter. The location of the meeting will be announced in the January newsletter.

The April 11 meeting will be on Polynoidae. The workshop will be lead by Gene Ruff. This will be held at the City of San Diego's Marine Biology Lab in Point Loma.

The meeting on May 9 will be on Decapods with Dr. Jodi Martin leading the workshop. It will be held in the Times Mirror Room at the Los Angeles Natural History Museum, Los Angeles, CA.

The meeting on March 14 will be in Santa Barbara, CA. It will be lead by Paul Scott and Dr. Eric Hochberg of the Santa Barbara Natural History Museum. The topic(s) have yet to be determined.

#### SCAMIT OFFICERS:

If you need any other information concerning SCAMIT please feel free to contact any of the officers.

President	Ron Velarde	(619)692-4903
Vice-President	Larry Lovell	(619)945-1608
Secretary	Diane O'Donohue	(619)692-4901
Treasurer	Ann Dalkey	(310)648-5611



## **NOTICE TO INVERTEBRATE AND PLANKTONIC TAXONOMISTS**

### **RE : TAXONOMIST'S WORKING GROUP**

Identification of planktonic and invertebrate organisms has been used as a tool for understanding biodiversity as well as for a biological measure in Impact assessments. Recently, there has been an effort made to better standardize the various methods and approaches used in monitoring these communities. In February 1992 EVS Consultants and Environment Canada held a Benthos Monitoring Workshop. The workshop was well attended and a considerable amount of information was exchanged on various aspects of benthos monitoring. To build on the work already started, there has been interest in forming a working group for taxonomists. This would be a forum for specialists and generalists alike to share ideas and hopefully develop standardized methods, QA/QC procedures, and lists of keys so that data analyzed is as comparable as possible over time independent of who performs the actual identifications.

To this end we would like to invite anyone active in freshwater or marine phytoplankton, periphyton, zooplankton or invertebrate taxonomy to a preliminary meeting of the working group for taxonomists. The purpose of this meeting will be to :

- discuss ideas on the structure and organization of the working group(s)
- discuss the development of standardized methods
- discuss possible topics for future workshops / meetings
- introduce the Royal British Columbia Museum voucher collection

Please forward a copy of this notice to anyone in the Pacific Northwest that may be interested in this meeting.

Date : January 21, 1994  
Time : 1:00 pm  
Place : The Royal British Columbia Museum  
675 Belleville Street  
Victoria, B.C.  
Meeting Room 112  
- check in at security desk

Please return the enclosed **RSVP** with suggestions on possible agenda topics to :

Linde Looy  
Fraser Environmental Services  
#16 - 9324 128th Street  
Surrey, B.C.  
V3V 6A4  
(604) 588-9738 (telephone and fax number)



Jan 94 - SCAMIT Meeting - Polychaetes

### Meeting Changes

Feb. 28th - Les Watling - Cumaceans - Pt. Loma Conference  
Lab

March 14 - S B Natural History Museum w/ Paul Scott +  
Eric Hochberg

April 11th - Jody Martin - Biological Illustration  
LA Co. Natural History Museum

Vol. 1 of mms - \$29.00 plus shipping - flyer out soon  
SCAMIT received complimentary copy

G. Hendler looking for brittlestar Ophioderma teres

Specimen from Hyperion - Ampharete goesi

see Hoelthe '86

Leslie says Hartman is ~~incorrect~~ incorrect in description

Very small specimen with 14 ~~setigers~~ setigers

should have 17. Is perhaps a juvenile. Call it Ampharete sp.

Gore Ruff - brought a larger Ampharete goesi specimen from  
which everyone agrees is A. goesi. North Alaska  
Beaufort Sea

Another specimen from Hyperion

Euclymene sp. - see handout on staining pattern  
doesn't fit any description currently

Specimens from Pt. Loma - Ampharetids  
not overtly papillose - appear to be smooth

Terebellids from Pt. Loma

branchiae with longer than average stalk

Leslie says that it is not uncommon for juveniles to have

this sort of stretched stalk. Leslie would call it T. californica

Terebella sp. C -

(Terebella)

Phyllodocid - Mysticodes sp. from Pt. Loma  
LACOSARV also reports it.

*Euchymene* sp



(Methyl green)  
Stain pattern:

darker ring around anterior  
segment 3

dark stain on ventrum segs.

segments 17-20 w/ small ring  
around anterior seg

Leslie stained this one again  
in a more concentrated stain and  
it had a darker pattern so  
appears to be

Praxillella pacifica

specimen from  
LAH 401 6 Jul 1973



LACOSAN

Harmothoe nigralba -

Leslie says the reticulation is very evident as a white pattern which ours don't have.

Using Pettibone's key it seems to fit

Malmgreniella macginitei but the setae seem more like M. berkeleyorum

Ann Dalkey has a pictorial key she will give us  
Pt. Loma would have called this H. nigralba

M. macginitei seems to have a wide range of variation  
(seems to be taking the place of Harmothoe cf. lunulata)

Sthenelais berkeleyi - confirmed by group

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Subadyte ~~sp.~~ mexicana

degree of serration

papillate vs smooth ventral cirri (Pettibone + Fauchald disagree)  
length of 2nd tooth on bifid neurosetae

Gene finds no papillation on this particular specimen but  
Leslie did find some and showed us all.

SCAMIT's Subadyte sp. A should probably be called

Subadyte mexicana because there really are no differences

LACOSAN - Harmothoe cf. lunulata 0790-6C1 → H. sp.

Secondary tooth of neurosetae very small to non existent  
not H. cf. lunulata but ?