December, 1993

**NEXT MEETING:**  Weird and Strange Polychaetes 2

**GUEST SPEAKER:**  None

**DATE:**  January 10, 1993

**TIME:**  9:30am-3:00pm

**LOCATION:**  Polychaete Lab, Los Angeles County Museum of Natural History, Los Angeles, CA

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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** (Renzier, 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 Sculelepis 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: TAXONOMISTS 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)
RSVP to be returned by December 15, 1993 to:

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

Yes, I would like to attend the meeting of the working group for taxonomists.

No, I will not be able to attend the meeting but please send me any information generated.

Name:

Company / Institution:

Address:

Phone:

Area of Interest:

Suggestions for Agenda:
Meeting Changes

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

March 14 - SB Natural History Museum of 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

6. Handler looking for brittlestar Ophioderma tives
Specimen from Hyperion - Ampharetidae goesi
see Hoelthe '86
Leslie says Hartman is incorrect in description
very small specimen with 14 setigers
should have 17. Is perhaps a juvenile - call "Ampharetidae sp.
Gene Ruff brought a larger Ampharetidae 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 usually papilllose - appear to be smooth

Terebellidae 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. california
(Terebella sp. C)

Phyllodocid - Mysticides sp. from Pt. Loma
LACOSANV also reports it.
Euclymene sp

(Methyl green)
Stain pattern:
- darker ring around anterior section 3
- dark stain on ventral side
- sections 1 + 2 of small size around anterior 50

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

Praxidella pacifica
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 maginitae but the setae seem more like M. berkeleyae.

Ann Dalkey has a pictorial key she will give us.

Pt. Loma would have called this H. nigralba

M. maginitae seems to have a wide range of variation

(Seems to be taking the place of Harmothoe cf. lunulata)

Sthenelais berkeleyae - confirmed by group

Subadyte mexicana

degree of serration
papillae vs smooth ventral cini (Pettibone & Fauchald length of 2nd tooth on bifid neurosetae disagree)

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

SCAMIT's Subadyte s.p. It should probably be called Subadyte mexicana because there really are no differences
LACOSAN - Hemaotherae cf. lunulata
Secondary tooth of neurosatec
not H. cf. lunulata but ?

0790-6C1 → H. sp.
very small to non existent