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**Southern California Association of
Marine Invertebrate Taxonomists**

3720 Stephen White Drive
San Pedro, California 90731

October 1986

Vol. 5, No. 8

NEXT MEETING:	December 8, 1986
SPECIMEN EXCHANGE GROUP:	Asellota Isopoda
TAXONOMIC TOPIC:	Ascidacea

MINUTES FROM MEETING ON NOVEMBER 10, 1986:

Joint Workshop - Early in 1987 SCAMIT will be holding a workshop together with the Southern California Environmental Chemists' Society (SCECS) to examine existing protocols for the collection, sampling, and handling of marine organisms used for priority pollutant analysis. These protocols, though not directly affecting taxonomy, are of concern to SCAMIT members because many of these samples are collected by the same biologists who collect specimens for environmental surveys used to describe community structure and fluctuations. Currently SCAMIT's president, John Dorsey, is working with SCECS's president, Rich Gosset, on the organization of the workshop. They plan to mail questionnaires to prospective participants on methods they employ. The workshop will be held at SCCWRP and will have limited attendance for space reasons. Once a formalized date is set, it will be announced in this newsletter along with other pertinent information.

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The SCAMIT newsletter is not deemed to be a valid publication
for formal taxonomic purposes.

Synoptic Collection - Cathy Crouch raised an interesting question for SCAMIT; should SCAMIT pursue a synoptic collection of southern California invertebrates? After considerable discussion, it was concluded that a comprehensive collection of southern California invertebrates is a definite goal that SCAMIT can pursue and that it ties in well with the taxonomic listing of invertebrate species that Dave Montagne is working on. For now the matter will be set aside while plans can be formulated on how to develop the collection.

Provisional Voucher Sheets - Leslie Harris has made voucher sheets for several provisional species of polychaetes. She will be sending these out to several SCAMIT members for review. After acceptance of these provisional species, the voucher sheets will be published in the newsletter and specimens deposited in the SCAMIT collection although they will not have been part of the official exchange program. This option is available to any SCAMIT member who has run across undescribed species in their work.

Christmas Party - This year SCAMIT plans to have a Christmas party with an extra special touch. The party will be held at the Cabrillo Marine Museum on Saturday, December 20, at 6:00 pm. The Cabrillo Marine Museum staff will join us with, hopefully, a visit from Santa Claus. Beverages and a baked ham will be provided as well as 42 versions of Rudolf the Red-Nosed Reindeer (compliments of Don Cadien's extensive Christmas record collection). Bring yourselves and children for a great time. To help with planning call Ann Martin at Hyperion Treatment Plant (213)322-3131x317 for RSVP.

Another SCAMITeer - A recent population survey has confirmed again that fertility often leads to fecundity and an expression of biotic potential and evolutionary success. Announced by Karen and Dave Green, this latest report was "published" November 8 at 7:45 am and she is named Leigh Anna. Total mass equaled 2324 grams, length was 49.5 centimeters. Congratulations on this very latest SCAMITeer.

TAXONOMIC NOTES

From Dr. James T. Carlton, University of Oregon -

Dr. John Chapman (Hatfield Marine Science Center, Newport, Oregon) and I (Jim Carlton) are working on the distribution of the Western Pacific palaemonid shrimp Palaemon macrodactylus along the Pacific coast of North America. Palaemon has been introduced by shipping (specifically we believe by seawater ballast) to a number of harbors, bays, and estuaries from Oregon to southern California. The distribution of this species throughout southern California remains unclear, however. Our records to date are as follows:
LOS ANGELES HARBOR (1962), MARINA DEL REY (about 1976-1977),

and HUNTINGTON HARBOR (about 1982?); the latter two records are those of Jack Word and Don Cadien, respectively. We would be very interested in examining any material of this species, or of Palaemon ritteri, that anyone may have or know of in the southern California-northern Baja area. Many thanks! [Dr. James T. Carlton, Oregon Institute of Marine Biology, University of Oregon, Charleston OR 97420, (503)888-5534].

Sexual Characteristics of Dogwhelk - A recent report of sexual characteristics in the gastropod Nucella lapillus (dogwhelk), depicts the superimposition of male characters upon female specimens. First reported in The Journal of Marine Biology UK, this resulted from exposure to the leachate from anti-fouling boat paint that contains tributyltin (TBT) compounds. Concentrations as low as 0.05 µg/l were seen to cause these morphological abnormalities. **JMBA !**

LIST OF SPECIMENS EXAMINED ON NOVEMBER 10, 1986

PL 73, HYP 68	<u>Harmothoe "lunulata"</u> (delle Chiaje, 1841)
PL 74	<u>Tenonia priops</u> Barreca, 1984
LACO 78	<u>Subadyte</u> sp. A SCAMIT, 1986

Polychaete specimens from the last two meetings have required examination of type and other material by Leslie Harris before the voucher sheets can be compiled. These sheets hopefully will be ready for the December newsletter.



SCAMIT ORDER FORM

T-SHIRTS

	COLOR					
	1st	2nd				
	Choice	Choice		Mens	Womens	Childrens
Blue	()	()	Small	()	()	()
Yellow	()	()	Medium	()	()	()
Tan	()	()	Large	()	()	()
			X-Large	()	----Not Available----	
			XX-Large	()	----Not Available----	
Price: \$8.00 plus \$.95 postage						

SCAMIT MUGS

One mug	\$ 6.00	()	Shipping	\$ 1.50
Set of 4	22.00	()	Shipping	2.00
Set of 6	33.00	()	Shipping	2.50

SCAMIT HATS

\$6.00 each, \$.95 postage ()

VIDEO TAPES

These tapes of SCAMIT guest lecturers are available for viewing on VHS recorders. Price for renting is \$10.00 with a \$5.00 refund upon return of the tape.

- Tape 1 () Dr. Andrew Lissner and Dr. Wilson Hom: Status of Benthic Archive Samples and Reexamination of Existing Data for California (May 14, 1983).
- Tape 2 () Dr. Pat Hutchings: Systematics of Mediomastus. (January 14, 1985)
Dr. Richard Bray: Consumer mediated Nutrient Transport into Rocky Subtidal Reefs. (February, 11, 1985)
- Tape 3 () Dr. J.L. Barnard: Amphipod Workshop Morning Lecture (March 7, 1985). Also accompanied with transcribed notes from the discussions on March 6, 8 and 11, 1985).
- Tape 4 () Dennis Lees: Hydroid assemblages of soft-bottomed habitats on the Hueneme Shelf, and factors influencing their distribution (April, 8, 1985).
- Tape 5 () Dr. Burton Jones: Physical and Chemical Processes associated with the Los Angeles County Sanitation Districts Outfall. (November 18, 1985)

TOTAL ENCLOSED: \$ _____

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