



SOUTHERN CALIFORNIA ASSOCIATION  
OF  
MARINE INVERTEBRATE TAXONOMISTS

Vol. 2, No. 2

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Next Scheduled Meeting: June 13, 1983

Place: Marine Biological Consultants  
947 Newhall Street  
Costa Mesa, CA 92627

Specimen Exchange Group: Eusiroides (Eusiridae, Pleustidae,  
Bateidae, Paramphithoidae, Stillipedidae,  
Iphimedidae, Stegocephalidae)

Topic Taxonomic Group: Arabellidae, Lysaretidae, Iphitimidae,  
Dorvilleidae

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MINUTES FROM MAY 11, 1983

Video System: We are slowly but surely progressing toward our goal of purchasing the microscope video viewing system by summer. Contributions from members have helped substantially. To date \$206.05 has been raised from members' contributions. The treasury can afford \$200.00 for the system. Thus only \$200.00 more is needed. Thank you for your support!

The video system is a camera that mounts onto a photo-tube of either a stereo or compound scope. The image is transferred to a TV which allows a group of people to see characters of organisms all at once. The video system will greatly enhance the topic taxonomic group discussions.

A suggestion from members from San Francisco Bureau of Water Pollution Control was quite intriguing and is being pursued. Their idea was to develop a video tape exchange of taxonomic groups. This would be very helpful for people who cannot regularly attend the meetings. Hopefully this idea will work out.

SCAMIT Mugs: In addition to the T-shirts, SCAMIT now has coffee mugs to sell. The mugs are white with the blue SCAMIT logo on front. Sale of these mugs will help fund the video system. The mugs are priced at \$6.00 apiece, \$22.00 for a set of four, and \$33.00 for a set of six. They will be available at the June meeting.



CHARTER MEMBERS  
OF  
SOUTHERN CALIFORNIA ASSOCIATION  
OF  
INVERTEBRATE TAXONOMISTS

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Dr. William C. Austin  
Bonnie A. Bain  
David W. Behrens  
Russell J. Bellmer  
Mary Bergen  
Thomas Biksey  
Dr. Charles E. Bower  
Don Cadien  
Michael Carlin  
James T. Carlton  
Philip Chang  
John Chapman  
Catherine Crouch  
Ray deWitt  
Doug Diener  
Fco. Eduardo Donath H.  
Dr. John Dorsey  
Jim Elliott  
Jack Engle  
Dr. Kristian Fauchald  
Dr. Rimmon C. Fay  
April P. Ford  
Thomas V. Gerlinger  
Gary Gillingham  
Pete Haaker

Janet Haig  
Susan Hamilton  
Leslie Harris  
Dr. Irwin Haydock  
Dr. Eric Hochberg  
Dan Ituarte  
Dr. Ernie Iverson  
Carol Jones  
Karen Kelley  
Kathleen King  
Jim Laughlin  
Larry Lovell  
John Ljubenkov  
Ann Martin  
Mike Martin  
Dr. Don Mauer  
Thomas McDonnell  
Dr. Alan Mearns  
Tim Mikel  
Cindy Monk  
Dave Montagne  
Brad Myers  
Arleen Navarret  
Bob Osborne  
Point Loma Wastewater  
Laboratory Biology  
Section

Thomas Parker  
Tony Phillips  
Dr. Donald J. Reish  
Dr. Gordon A. Robilliard  
Marsha Rodby  
George Rooney  
Jim Rooney  
Mark Rossi  
Rick Rowe  
David E. Russell  
Paul Scott  
John Shisko  
Jay Shrake  
Peter Slattery  
Jan Stohl  
Dale Straughn  
Pete Striplin  
Dr. Bruce Thompson  
David Tsukada  
James Vallee  
Ronald G. Velarde  
Jeff Ward  
Rick Ware  
Susan Williams  
Jack Word

APPLICATION FOR 1983-84 MEMBERSHIP  
\$5.00

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

AFFILIATION: \_\_\_\_\_

Type of Membership: Participant [ ] Correspondent [ ]

Area of expertise: \_\_\_\_\_

Would you like to be on a free-lance list: Yes [ ] No [ ]

Phone: \_\_\_\_\_

GENERAL CONTRIBUTION

Amount: \_\_\_\_\_

Would you like this to go for:

	Video System	[ ]
	General Treasury	[ ]
	Other [ ]	_____

T-SHIRTS

	COLOR			Men's	Womens'	Children's
	1st Choice	2nd Choice				
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	\$ .50
Set of 4	22.00 [ ]	Shipping	1.00
Set of 6	33.00 [ ]	Shipping	1.50

TOTAL ENCLOSED: \$ \_\_\_\_\_

MAIL TO:

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10844 Ellis Avenue  
Fountain Valley, CA 92708



Partial list of  
Literature Pertaining to the Identification  
or taxonomic placement of N.E.P. holothuroids

- Clark, H. L. 1922(FEB). The holothurians of the genus Stichopus.  
Bulletin of the Museum of Comparative Zoology, Harvard; 65(3),  
pp. 39-74, 2 plts.
- Clark, H.L. 1924(MAR). Some holothurians from British Columbia.  
The Canadian Field Naturalist; 38, pp. 54-57.
- Clark, H.L. 1924(JUN). The holothurians of the Museum of Comparative  
Zoology. The Synaptidae. Bulletin of the Museum of Comparative  
Zoology, Harvard; 65(13), pp. 459-501, 12 plts.
- Clark, H.L. 1935(FEB). The holothurian genus Caudina. Annals and  
Magazine of Natural History, series 10; 15, pp. 267-284.
- Deichmann, E. 1938(MAR). New holothurians from the western coast of  
North America and some remarks on the genus Caudina. Proceedings  
of the New England Zoological Club; 16, pp. 103-115
- Heding, S.G. 1928. Synaptidae. No 46 in Papers from Th. Mortensen's  
Pacific Expedition, 1914-1916. Videnskabelige Meddelelser fra  
Dansk Naturhistorisk Forening; 85, pp. 105-323.
- Heding, S.G. 1931. On the classification of the molpadids. Prelimin-  
ary notice. Videnskabelige Meddelelser fra Dansk Naturhistorisk  
Forening; 92, pp. 275-284.
- Heding, S.G. & A. Panning. 1954. Phyllophoridae, eine bearbeitung  
der polytentaculaten dendrochiroten holothurien des Zoologischen  
Museums in Kopenhagen. Spolia Zoologica Musei Hauniensis; Skrifter  
#13, 209pp., 102 figs.
- Panning, A. 1949. Versuch einer neuordnung der familie Cucumariidae.  
Zoologischer Jahrbucher, Abteilung fuer Systematic; 78, pp. 404-470.
- Panning, A. 1951. Ueber Pseudocnus leoninus (Semper) und verwandte  
Arten. Zoologischer Anzeiger; 146(3/4), pp. 73-80.
- Panning, A. 1962. Bemerkungen ueber die holothurienfamilie Cucumariidae  
(Ordnung Dendrochirota). Mittheilungen der Hamburg Zoologisches  
Museum und Institut; 60, pp. 57-80.
- Pawson, D.L. 1967. The psolid holothurian genus Lissothuria.  
Proceedings of the U.S. National Museum; 122, 17pp.
- Pawson, D.L. & H.B. Fell. 1965. A revised classification of the  
dendrochirote holothurians. Breviora; #214, 7pp.
- Rowe, F.W.E. 1970. A note on the British species of cucumarians,  
involving the erection of two nominal genera. Journal of the Marine  
Biological Association of the United Kingdom; 50, pp. 683-687.
- Rowe, F.W.E. & D.L. Pawson. 1967. A new genus in the holothurian  
family Synaptidae, with a new species from Tasmania. Proceedings  
of the Royal Society of Tasmania; 101, pp. 31-35.
- Yingst, J.Y. 1972. A new species of rock dwelling dendrochirote  
holothurian from Catalina Island. Bulletin of the Southern  
California Academy of Sciences; 71(3), pp. 145-150.

VOUCHER SHEET

Leptosynapta sp.

Synaptidae

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Specimen Code and Date Examined: OC20, May 9, 1983

Keys Used: Heding, S.G. 1928. Synaptidae. No. 46 in papers from Th. Mortensen's Pacific Expedition, 1914-1916. Vidensk. Medd. fra Dansk Naturh. Foren. 85: 105-323.

Other Texts Consulted: Clark, H.L. 1907. The apodus holothurians. A monograph of the Synaptidae and Molpadiidae. Smithsonian Contributions to Knowledge 35: 1-231.

Important Characters: Spicules as anchors with a smooth vertex and anchor plates shown:



Related Species and Character Differences: Other genera have granules on the vertex of the anchor or anchor plates that are either reduced or more complicated than shown above.

VOUCHER SHEET

Chiridota sp.

Chiridotidae

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Specimen Code and Date Examined: May 9, 1983

Keys Used: Clark, H.L. 1907. The apodus holothurians. A monograph of the Synaptidae and Molpadiidae. Smithsonian Contributions to Knowledge 35: 1-231.

Other Texts Consulted: Heding, S.G. 1928. Synaptidae. No. 46 in papers from Th. Mortensen's Pacific Expedition, 1914-1916. Vidensk. Medd. fra Dansk Naturh. Foren. 85: 105-323.

Important Characters: Spicules wheels with six spokes; no sigmoid or curved rods present; 10 to 14 tentacles.