



**Southern California Association of
Marine Invertebrate Taxonomists**

3720 Stephen White Drive
San Pedro, California 90731

May 1990

Vol. 9, No.1

NEXT MEETING: Nassarius

GUEST SPEAKER: Don Cadien
Sanitation Districts of Los Angeles County

DATE: Monday, 11 June 1990, 9:30 A.M.

LOCATION: Cabrillo Marine Museum
3720 Stephen White Drive
San Pedro, CA 90731

MINUTES FROM MEETING ON MAY 14, 1990

The first part of the meeting was devoted to determining what groups of crustaceans, mollusks, echinoderms, and other minor phyla were problematic taxa, and which groups SCAMIT wanted to cover during the next year. A tentative schedule was made up and is enclosed. As always, this schedule is tentative and subject to change. If someone comes to town and is willing to present information on a particular group, SCAMIT can surely find an audience.

The afternoon session of the meeting was devoted to arranging the SCAMIT literature collection into a usable, functional library. Several collections of literature have been donated to SCAMIT and we made an initial attempt at organizing this literature.

Additional sessions to further organize the literature will be scheduled for future SCAMIT meetings. A special thanks to those people who helped with this initial organization of the SCAMIT literature.

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

Cladocarpus: John Ljubenkov from MEC Analytical presented a revised key to the species of Cladocarpus from the eastern Pacific. The key was revised to include a new species which John has found. The key for the species of Cladocarpus is included in this newsletter. The voucher sheets for Cladocarpus sp.A will also be included in either this newsletter, or a later edition.

SCAS Meeting: The annual meeting of the Southern California Academy of Sciences was held May 11 - 12 at California State University, Dominguez Hills. Next year's meeting in May 1991, will be the 100th anniversary meeting, and will be co-hosted by the Natural History Museum of Los Angeles County, the University of Southern California and the California Museum of Science and Industry. SCAMIT will try to organize a symposium for this 1991 meeting.

Picnic Reminder: Remember to mark your calendars for the annual SCAMIT picnic to be held Saturday, August 18, 1990 at Doheny State Beach. We are planning to eat at about 1:00 so try to arrive early so you can avoid any traffic or parking problems, be there for fun and games, and best of all, you get the better pick of the eats! Also, if you are planning to attend, please let Larry Lovell at (619) 945-1608, know how many people there will be in your party and most of all, how you can help!

Upcoming Meetings:

June 18 - 22:
Seattle, WA

Western Society of Malacologists,

For further information contact:
Roland Anderson
The Seattle Aquarium, Pier 59
Seattle, WA 98101
(206) 386-4359

December 27 - 30, 1990:
Monterey, CA

Western Society of Naturalists,

For further information contact:
Dr. David H. Montgomery
Department of Biological Sciences
California Polytechnic State University
San Luis Obispo, CA 93407
(805) 756-2446 or 541-6812 (home)

December 27 - 30, 1990:
Antonio, TX

American Society of Zoologists, San

For further information contact:
Mary Adams-Wiley
ASZ
104 Sirius Circle
Thousand Oaks, CA 91360
(805) 492-3585

SCAMIT 1990 - 1991 SCHEDULE

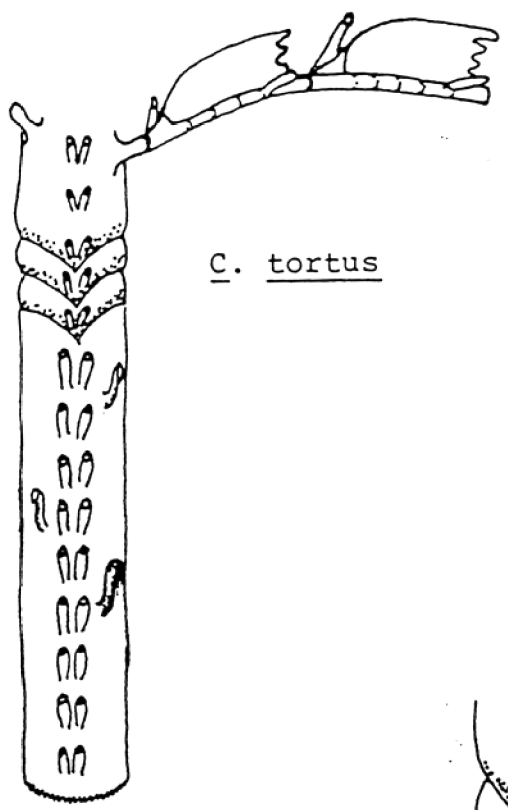
<u>DATE</u>	<u>TOPIC</u>	<u>PRESENTER</u>
6/11/90	<u>Nassarius</u>	Don Cadian, Sanitation Districts of LA County
7/9/90	Hydrozoa	John Ljubenkov, MEC Analytical
8/13/90	Scale Worms	Ross Duggan, City of San Diego
9/10/90	Open	
10/15/90	<u>Orchomene</u> and <u>Hippomedon</u>	Ron Velarde, City of San Diego Doug Diener, MEC Analytical
11/19/90	Spionidae	Larry Lovell, Private Consultant
12/10/90	Sponges	Karen Green, Private Consultant
1/14/91	Flatworms	
2/11/91	Hesionidae	Ron Velarde, City of San Diego
3/11/91	Nuculanidae	Paul Scott, Santa Barbara Museum of Natural History
4/8/91	Cirratulidae	Tony Phillips, Hyperion



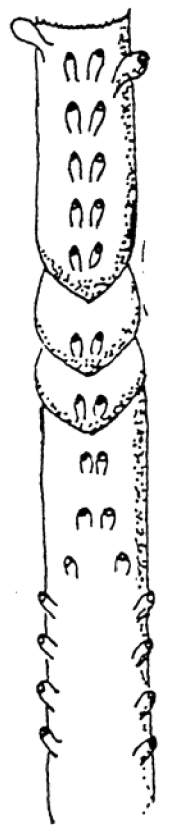
May 14, 1990

A KEY TO THE EASTERN PACIFIC GENUS Cladocarpus Allman, 1874
by John Ljubenkov, MEC Analytical

1. Stem simple, composed of only one tube.....2
1. Stem fascicled, composed of many tubes.....C. distomus
2. Front of stem with median row of single nematophores;
with weak chevrons or no chevrons.....3
2. Front of stem with paired row of nematophores;
no hydrothecae on stem face.....4
3. No chevrons: no hydrothecae on stem face.....C. moderatus
3. Weak chevrons; hydrothecae on stem face below
first branch pedicel and above chevrons.....C. gracilis
3. One large nematophore on the face of each
of the two chevron points; remainder of
nematophores much smaller, running up face
of stem with their openings mainly
alternating right to left.....C. sp.A
4. Paired nematophores always narrowly spaced
in row; very steep angle on chevrons.....C. tortus
4. Abrupt transition from widely spaced,
paired nematophore row on the lower stem
to narrowly spaced, paired nematophore
row just below the first chevron.....C. vancouverensis
4. A few transitionally spaced nematophore
pairs between the wide and narrow pairs.....C. pinguis



C. tortus

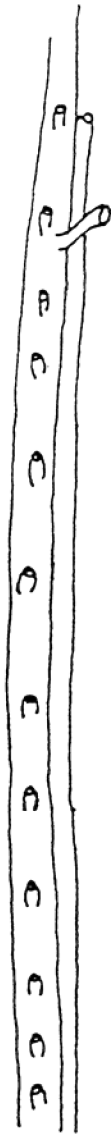


C. pinguis



C. vancouverensis

par wandler

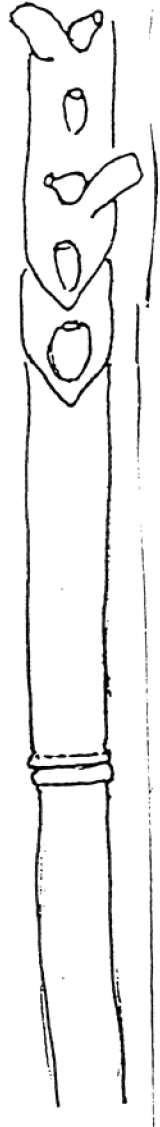


C. moderatus

Hydrotheca



C. sp A



lower stem



C. gracilis

The Polyplacophoran Newsletter

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We (Karen Gowlett-Holmes and Allan M. Jones) are intending to organise and distribute a newsletter containing information of interest to all those around the world who are studying, or are interested in, the chitons and their allies. It is proposed to share the co-ordination of both content and distribution initially between KG-H and AMJ, although any offers of assistance will be welcomed: the newsletter will be produced for the time being using facilities offered by AMJ.

The idea for a newsletter stemmed from discussions at the American Malacological Society Symposium in Key West, Florida, in 1987. Whilst it was clear that there was a reasonable exchange of ideas etc between the American and European workers, we felt that there was much to be gained from facilitating a wider exchange of ideas, materials, etc, through the medium of a semi-formal newsletter. This document is a call for information, addresses of interested parties, brief articles for inclusion and requests for exchange of materials as well as for any reactions to the whole concept of such a newsletter.

We would like to include in the early issues brief accounts of the areas of current activities of as many workers as possible and we would appreciate receiving a paragraph from as many researchers as possible describing their current activities and outlining any future intentions. Can you offer material or facilities to other workers, either through visits or by post? We have included a list of those to whom we have sent a copy of this circular...can you give us further names to put on the mailing list?

We hope that you will find this idea worth assisting; without the support of participants throughout the world, it will fail to achieve its primary aim. Please respond initially by completing the attached questionnaire and returning it to either KG-H (southern hemisphere, Asia) or AMJ (northern hemisphere).

The primary objectives of the newsletter as currently envisaged can be summarised as:

1. To promote and facilitate exchange of news, ideas, and information on a worldwide scale.
2. To disseminate information on current and proposed research projects.
3. To provide a medium for the advertisement of requests for material and specimens.
4. To provide a medium for advertising forthcoming conferences, etc
5. To provide a medium for articles on observations/investigations not yet complete enough for formal publication.

Polyplacophoran Newsletter
Request for information

Name & Title
.....
.....

Present address
.....
.....
.....
.....
.....

Y N

Do you wish to receive copies of the newsletter?

Y N

Would you be willing to pay a small subscription to cover the costs of production and distribution?

Y N

Would you be willing to provide a **research profile**? If so, please attach this to this questionnaire when you return it.

Y N

Do you have any requests for supply or exchange of specimens from other workers? If so please outline them for us.

Y N

Do you know of any other persons who would like to be included on a mailing list? **Please attach details for any such persons/groups when replying.**

Please provide a **list of any relevant publications produced since 1987**. It is hoped to collate an annual list of publications as part of the newsletters function.

Do you have any **constructive suggestions** for the content and objectives of this newsletter over and above those stated in our outline.

Preliminary Notice

FIRST INTERNATIONAL SYMPOSIUM ON CHITONS: PAST AND PRESENT

Venue: Adelaide, South Australia
Proposed dates: 2-6 December 1991

Following the success of the Symposium on the Biology of Polyplacophora held at the Annual Meeting of the American Malacological Union at Key West, Florida, in July, 1987, participants agreed that a symposium specifically on chitons should be held, hopefully with a much broader scope. This is the preliminary notice of such a symposium to be held at the South Australian Museum, Adelaide.

Participation is invited from all people with an interest in any aspect of chiton biology, taxonomy or palaeontology.

The South Australian Museum is located in the centre of Adelaide, adjacent to the University of Adelaide, and very close to the central shopping district. The S.A. Museum holds a large collection (over 9,000 lots) of both Recent (dry and spirit) and fossil chitons, including types of over 190 species. The Natural Sciences Division of the S.A. Museum moved into a new, purpose-built building in 1985, and has excellent collection storage and working areas. We are able to offer participants the opportunity to study the collections before, during and after the Symposium, the S.A. Museum does not charge bench fees.

South Australia has the most diverse chiton fauna of any area in the world. Adelaide is within a short distance of a wide variety of chiton habitats, sheltered seagrass beds to exposed rocky reefs, and so offers ample opportunities for field work. Localities for fossil chitons are further afield, but several can be reached in a day's travel by road. If there are sufficient expressions of interest, field trips will be organised, from half day local trips to trips of several days to more distant locations. Trips will also be organised to areas such as the Barossa Valley wine district and to fauna parks.

We hope you will be able to attend this Symposium, and would welcome any suggestions you may have on any aspect of it, including alternative dates. If necessary, the timing of the Symposium will be altered to enable as many people as possible to attend.

Please return the completed form *by* as soon as possible

To: Mrs K.L. Gowlett-Holmes, Telephone: (08) 223 8830
Marine Invertebrates Section, +618
South Australian Museum,
North Terrace, FAX: (08) 232 1714
Adelaide, South Australia, 5000. +618

Please send me the Second Announcement and other information on the
First International Symposium on Chitons: Past and Present, 2-6 Dec
1991.

Name:.....
Mailing Address:.....
.....City:.....
State:.....Country:.....Mail/Zip Code:.....
Telephone Office:(...).....Home:(...).....FAX:(...).....

Affiliation:.....

Area of Research/Interest:.....
.....
.....

I would be interested in leading/participating in the following
workshop(s):-

- Chiton Ecology
- Biogeography and Systematics
- Palaeontology
-
- (we would welcome suggestions)

I would like to present a paper. Yes No

I would be interested in ancillary fieldtrips. Yes No

Pre-symposium	Post-symposium	Both
Intertidal/snorkel	SCUBA Diving	Fossil

I would like tourist information. Yes No

I would like information on accommodation. Yes No

University College Hotel/Motel Self-contained Units

I would like to make the following suggestions:-
(e.g. alternative dates, etc).

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