



SOUTHERN CALIFORNIA ASSOCIATION
OF
MARINE INVERTEBRATE TAXONOMISTS

1984 APR 11 AM 10:30

April 1984

Vol. 23 No. 13

Next Meeting: May 14, 1984

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

Scheduled Speakers: Andrew Lissner and Wilson Hom,
Scientific Applications, Inc.
"Benthic Surveys off California:
Status of Archive Samples and
Reexamination of Existing Data
Base" at 10:00 a. m.

Specimen Exchange Group: Pinnixid Decapods

Topic Taxonomic Group: Tanaids and Isopods

Literature Request: Bring in literature used to identify
Tanaids and Isopods

MINUTES FROM April 9, 1984

Taxonomic Library: Ron Velarde is coordinating the development of SCAMIT's taxonomic library. Each meeting active members are requested to bring the literature used to identify specimens exchanged at previous meeting.

Employment Opportunity: City of San Diego has one opening for a junior chemist and three temporary positions for Biologist I (may become permanent in fiscal year 1985). If interested contact:

Employment Information Counter
City Administration Building
202 C Street
San Diego, CA 92101
Phone (714) 236-5753

M. J. Haydock

5-11-84

5-11-84

Helpful Hints: Sue Williams described differences in the prostomial characters of two species of Rhynchospio:

- R. arenicola, local species, frontal horns look like a bifid prostomium
- R. ?glutea, Straits of Magellan (type locality), frontal horns are well separated and curved back toward the posterior end.

Dave Montagne noted the following errors in the literature relating to spionids:

IN: Fauchald 1977, page 24

The definition of Prionospio does not allow for P. heterobranchia Moore 1907 (5 pair of branchiae). Foster 1971 placed P. heterobranchia in Prionospio Malmgren sense stricto. Since Fauchald adopted Foster's subgenera at the generic level P. heterobranchia should be included in Fauchald's concept of Prionospio.

IN: Fauchald 1977, page 25

The definition of Spiophanes does not allow for the species without occipital antennae such as S. missionensis or S. wigleyi.

IN: Blake and Kudenov 1978, page 180

Scolelepis carunculata is said to differ from all previously described species of Scolelepis in having uncini with secondary hoods. This is incorrect. Scolelepis texana Foster 1971 is described as having secondary hoods.

Travels with Olga:

Aboard MS Elisabeth Bakke
21 June 1939

Dear Frieda and Chauncey: We have had a beautiful trip thus far. Now we are looking toward Mona Pass (West Indies) and by tomorrow shall be in the broad Atlantic. The Caribbean is rough and is beating us with strong head winds. We are pitching up and down, yet it is not reckoned a rough sea. Most of us are now primed for seas considerably rougher, if they come.

The trip through the canal was very interesting to me. We arrived at the Pacific anchorage at 2 PM, hoisted the yellow



quarantine flag, and the yellow-black pilot flag in addition to the US and Norwegian mail flags. The former meant that we wanted a health officer and a pilot. After anchoring a short time, the pilot boats came toward us. One brought the health inspector who found everything satisfactory. Another brought Capt. MacLaren, pilot, who joined our Capt. Fjurtoft on the ship's bridge, and another boat brought a dozen blacks (government employed) who helped us through the canal. Another boat came and brought me three guests who stayed on as far as Cristobal, Atlantic end. I could never have pictured the complicated canal system's procedure had I not seen it. In principle, as you may know, we must first be lifted upstream to the Continental Divide at Pedro Miguel, and then downstream to the Gatun Locks. It is for this reason that locks are required. They lift or lower the ships to their respective levels, from the Pacific sea level, through fresh water lakes: Minaflores, Pedro Miguel and Gatun, and thence back to Atlantic sea level. Of greatest interest are Gaillard cut (or Culebra Cut) and Gatun Lake, the former because it has always been the weak link in the chain, the later because it was once the famous "Pest Hole of the Pacific" I learned from my guests (who live in Balboa), and we took on another interesting passenger at Cristobal, a Norwegian woman who has lived 25 years in the C. Z.

A big shower of ocean spray has just poured over us, inundating most of my writing equipment. The Caribbean is living up to its reputation.

Flying fishes are all about us today. They are much smaller than those in the Pacific, and more abundant. Also, they lack the brilliant coloring of those in the Pacific.

I am now looking toward the British Isles. At Glasgow, we will have a stay of 6 days, according to present plans. If transportation will go on to Edinburgh by rail or bus and visit the university. There is also a very old, and famous biological station at St. Andrews, no. and west of Edinburgh which I should like very much to see. Most of our passengers want to see the famous Trossachs country, north of Glasgow, where Loch Lomond, L. Katrine, etc. are (Scott's Lady of the Lake country), but I may forego that in favor of Edinburgh.

Everything on the Elisabeth has been very delightful and luxurious. I have never before enjoyed such a splurge of good, delicious food and delicate morsels. And there is no end of them. If ever you want to see really good service, you must observe the stewards on a boat. They are great.

Have spent hours up forward on the prow of the ship, and seen how the water is cut as we enter it. There, too, the flying fishes are best observed. All day (Wednesday) we have been passing through the Sargasso Sea. It is now almost clear of sea weeds, and has been for some years, since the kelps have been killed by some sort of disease. I suppose it will be many years before they assume the proportions of 1916 or thereabouts.



1984-85 Membership Renewal Application

It is time to begin renewing memberships. SCAMIT is beginning its third year in April. You may begin renewing now. Your membership expires 12 months after the date indicated on your mailing lable. Notices will be given to those with expired memberships on the proper month.

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SCCWRP KEYS TO INVERTEBRATES

Invertebrates of Southern California Coastal Waters Vol. I. Select Groups of Annelids, Arthropods, Echinoderms, and Mollusks. J.Q. Word and D.K. Charwat eds. 1975. ()

Vol. II. Natantia. J.Q. Word and D.K. Charwat. 1976. ()

Price: \$6.00 plus \$2.50 postage each

TOTAL ENCLOSED: \$ _____

Mail to: Ann Martin
 Biology Laboratory
 Hyperion Treatment Plant
 12000 Vista del Mar
 Playa del Rey, Ca. 90291