

REC 6/29/84



SOUTHERN CALIFORNIA ASSOCIATION
OF
MARINE INVERTEBRATE TAXONOMISTS

June 1984

Vol. 3, No. 3

Next Meeting:	July 9, 1984
Place:	Cabrillo Marine Museum 3720 Stephen White Drive San Pedro, CA 90731
Specimen Exchange Group:	Cirratulidae
Topic Taxonomic Group:	Nemerteans
Literature Request:	Bring in literature used to identify Nemerteans

MINUTES FROM June 11, 1984

October Meeting Day Changed: The October meeting has been moved to the 3rd Monday of the month (October 15).

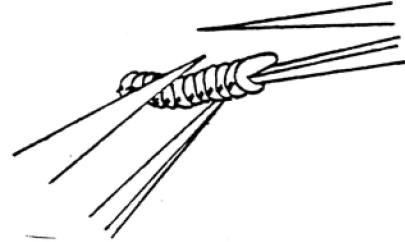
SCAMIT's Annual Picnic: This year's picnic will be held at Crown Point in Mission Bay (San Diego) on August 18th. Picnic chairman Dan Ituarte has planned the luncheon menu which includes carne asada, tortillas, beans, tamales, and salad (drinks not included). Barbecue grills are provided for those who would like to prepare their own lunch. Volleyball, baseball, swimming and sailing are some of the fun-in-the-sun activities to participate in. Please fill out the RSVP enclosed.

Talk on Pinnixid Crabs by Cadien of MBC Applied Environmental Sciences: Don Cadien presented a new key to the species of the genus Pinnixa. A copy is enclosed. It is loosely based on Schmitt (1921) and MBC's collections from San Francisco and from Pt. Conception to the Mexican Border. The key works for subadults and adults, either sex. Of particular interest is his use of the ornamentation on the ischium of the 4th walking leg.

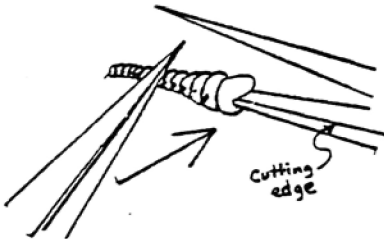
Helpful Hints: Phil Chang demonstrated a method for dissecting worms using 2 pairs of forceps.



(a)
Insert one tip
of forceps into
mouth of worm



(b)
Use a 2nd pair
to slide the worm
up the shaft of
the forceps



(c)
Slide the free
forceps diagonally
up against the
sharp edge of the
forceps holding
the worm



(d)
This method
will make a
clean cut of
any length
desired

List of June 11, 1984 Topic Specimens:

MBC 20
PL44
PL43, SCCWRP 37

Pinnixa barnharti
Pinnixa hiatus
Pinnixa occidentalis



Travels with Olga:
25 June 1939

Aboard MS Elisabeth Bakke

Dear Albert: Impressions aboard the Elisabeth vary only slightly from day to day, but all are in striking contrast to those of a land-liver. We have now been at sea nearly two weeks, and to me it seems that I have been here always. Occasionally I have the impression of being at the seashore, particularly at night when the waves lash the ship, but ususally I am hardly aware of the motion. Even at night I seldom awaken from the movement. (We might be on a mill pond).

All of today we have been going through what used to be the Sargasso Sea.-----Flying fishes can be seen anytime. Except for that, we see little but sky and indigo sea. The day has passed with out sight of land or ship. Visibility, however, has been excellent. Our ship has passed the West Indies by way of Mona Island, not via Jamaica, hence has missed the chief route of travel.

Most of our passengers are seasoned ocean travelers. One woman has crossed 19 times, in addition to having made the water trip from New York to Panama about 25 times; another (a man) has crossed more than once. You see, it soon becomes a habit, regardless of weather conditions. One can easily acquire a great fondness of the sea. Of the 37 men comprising the crew of this ship, most of them have spent their life at sea, and most will probably continue at it. One of our stewards, a very fine looking boy, now 18, entered the service at 14, has been with the sea since. Before a few weeks ago he had never seen his brother, nor his father since he was 5 years old. The family (including his mother) had a reunion in New York at that time. His father is a sea captain on a Norwegian boat. Three of the boys here can hardly be 14, yet they go about their work here as though they were in a home. Everything is quiet and runs very smoothly. The captain is a jovial Norwegian by the name of Gustav Fjartoft, from Haugesund, Norway.

26 June- Now we are in a latitude north of New York. The air is much cooler. By Sunday we will be in Glasgow, to discharge cargo. We will have opportunity to visit in Scotland.

The trip thus far has been very interesting, even though we have been completely cut off from the world. One begins to wonder whether there really is a world outside of our realm of sea and sky.

SCAMIT PICNIC RSVP

PLACE: Crown Point, Mission Bay, San Diego, CA

DATE: August 18, 1984 TIME: 10:00 a.m.

PRICE FOR LUNCH: \$4/adult, \$2/child

RSVP: Ann Martin

Biology Laboratory

Hyperion Treatment Plant

12000 Vista del Mar

Playa del Rey, CA 90291

PHONE: (213) 322-3131 x 317 or (213) 772-3394 x 269

NUMBER OF ADULTS _____ x \$4.00 = _____

NUMBER OF CHILDREN _____ x \$2.00 = _____



EXECUTIVE SUMMARY OF SCAMIT ACTIVITIES

APRIL 1982 through MARCH 1984

This report is the first in a series of executive summaries of SCAMIT's activities. In it, I will give you highlights of SCAMIT's first two years; thereafter, there will be an annual account written by the president.

The first months of our existence were busy ones. For most of us present at those first meetings, setting up an association was a totally new experience. We needed a place to meet and the folks at Marine Biological Consultants in Costa Mesa were kind enough to allow us some space for that purpose. We were fortunate to have Don Maurer with us in our infancy. His experience and organizational skills were invaluable and got us going in the right direction - establishing committees, setting up elections, etc. Once we set up our basic committees (agenda, literature, curation, charter) and had figured out a workable protocol for the intercalibration process, we were off and running. With the talent and endless energy which this membership has - it is doubtful that we'll ever stop!

Highlights of the First Two Years

- | | | |
|------|-----------|----------------------------------------------------------------------------------------------|
| 1982 | April | -1st SCAMIT meeting at Marine Biological Consultants |
| | June | -SCAMIT is chosen as association name.
-Dues set at \$5.00. |
| | August | -Guest speaker Dave Montagne (L.A. County):
"Phyllodocidae." |
| | September | -Guest speakers Larry Lovell, Jay Shrake (MEC):
"Proper use of provisional nomenclature." |
| | October | -Draft of SCAMIT Constitution accepted.
-SCAMIT T-shirts introduced. |
| | December | -Guest speaker April Ford (L.A. County):
"Data management at L.A. County." |
| 1983 | January | -Guest speaker Steve Long: "Use of microfilm in
data storage and retrieval." |
| | March | -1st elections held. |



- April -Guest speaker Marg Berrgen (USC): "Holothuroids."
May -SCAMIT mugs introduced.
July -Video system purchased.
-1st SCAMIT picnic.
August -Onuphid workshop - John Shisko.
September -SCAMIT granted tax exempt status by IRS.
October -Guest speaker Jack Engle (USC): "Channel Island
Research Program."
-Fundraising committee established.
December -Anemone workshop - John Ljubenkov
1984 January -Guest speaker Emmanuel Rosales (CMM):
"Grantsmanship."
February -SCAMIT moves to Cabrillo Marine Museum.

SCAMIT has a stable membership of over 80 individuals from the U.S., Canada and Mexico. Its participants have intercalibrated on over 150 marine invertebrate species over the past two years. The voucher specimens will soon be housed at the Cabrillo Marine Museum and will be available to interested parties upon request.

Our latest endeavor is in the form of a proposal to Chevron U.S.A. Inc. asking for funding for various immediate and future needs. We expect to meet with their representatives sometime in July of this year. Wish us luck!



SCAMIT 1983-84 FINANCIAL REPORT

Fiscal Year Ending March 31, 1984

Balance in Checking Account:	\$313.45
Income	
Dues	\$ 470.00
Literature auction	17.30
T-shirts	838.00
Coffee Mugs	452.00
Donations	<u>466.95</u>
Total	2244.25
Expenses	
Postage	\$ 17.43
Mugs, T-shirts, hats, picnic	1192.54
Newsletter costs	301.74
Purchases - equipment	<u>779.36</u>
Total	\$2291.07
Assets	
Inventory for sale	\$
Invertebrate keys	100.00
Hats	57.50
T-shirts	225.12
Mugs	27.00
Inventory for use	
Microscope supplies	241.23
8 gal. alcohol	272.00
Video camera	779.36
Letterhead	<u>36.02</u>
Total	1738.23



ORDER FORM

GENERAL CONTRIBUTION

Amount: _____

Would you like this to go for:

Video System ()
General Treasury ()
Other () _____

T-SHIRTS

	COLOR			Mens	Womens	Childrens
	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	\$ 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 ()

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

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 label. Notices will be given to those with expired memberships on the proper month.

Type of Membership:

Participating, \$15.00 per year

Correspondant, \$15.00 per year

Institutional, \$60.00 per year

Name _____

Affiliation _____

Address _____

Phone _____

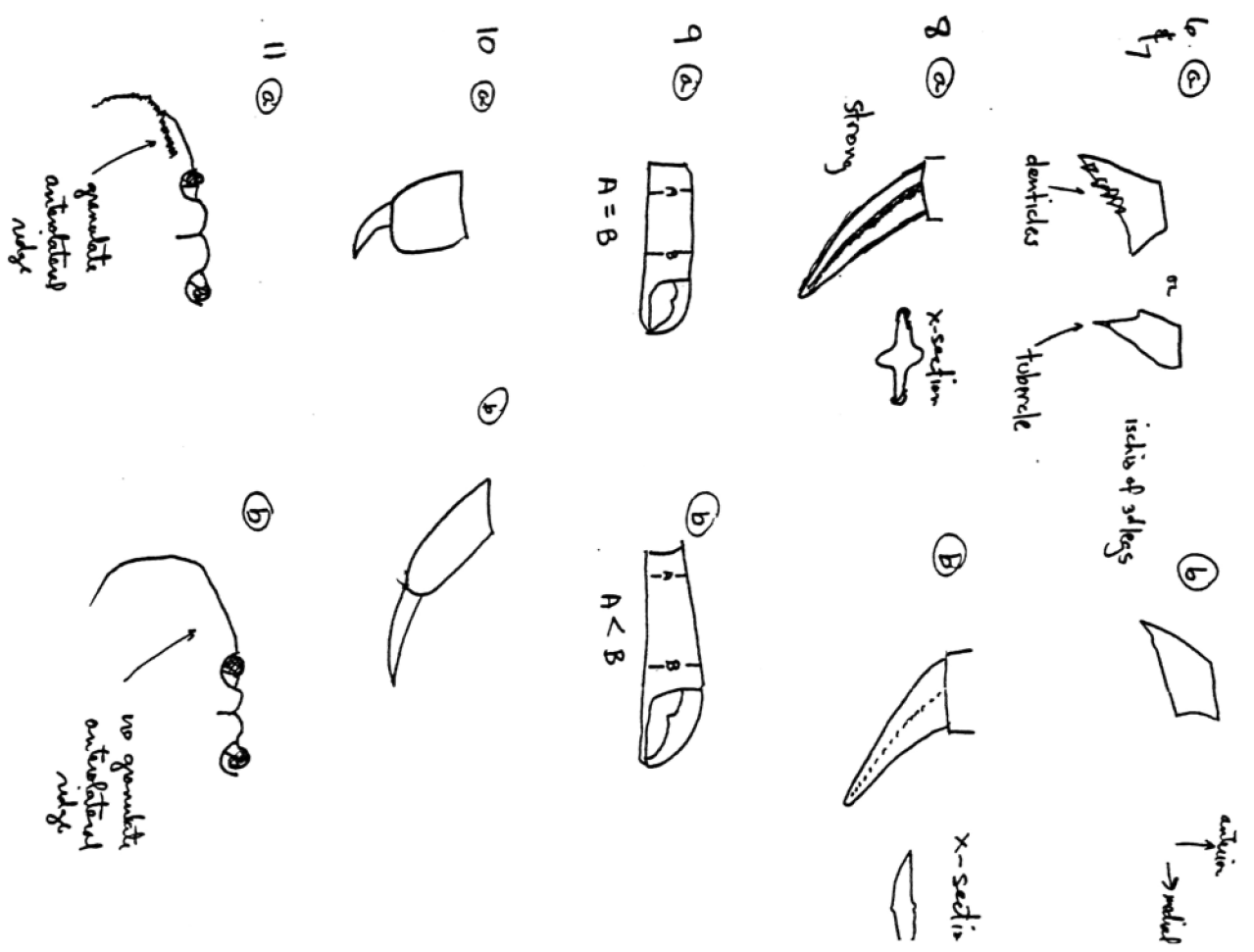
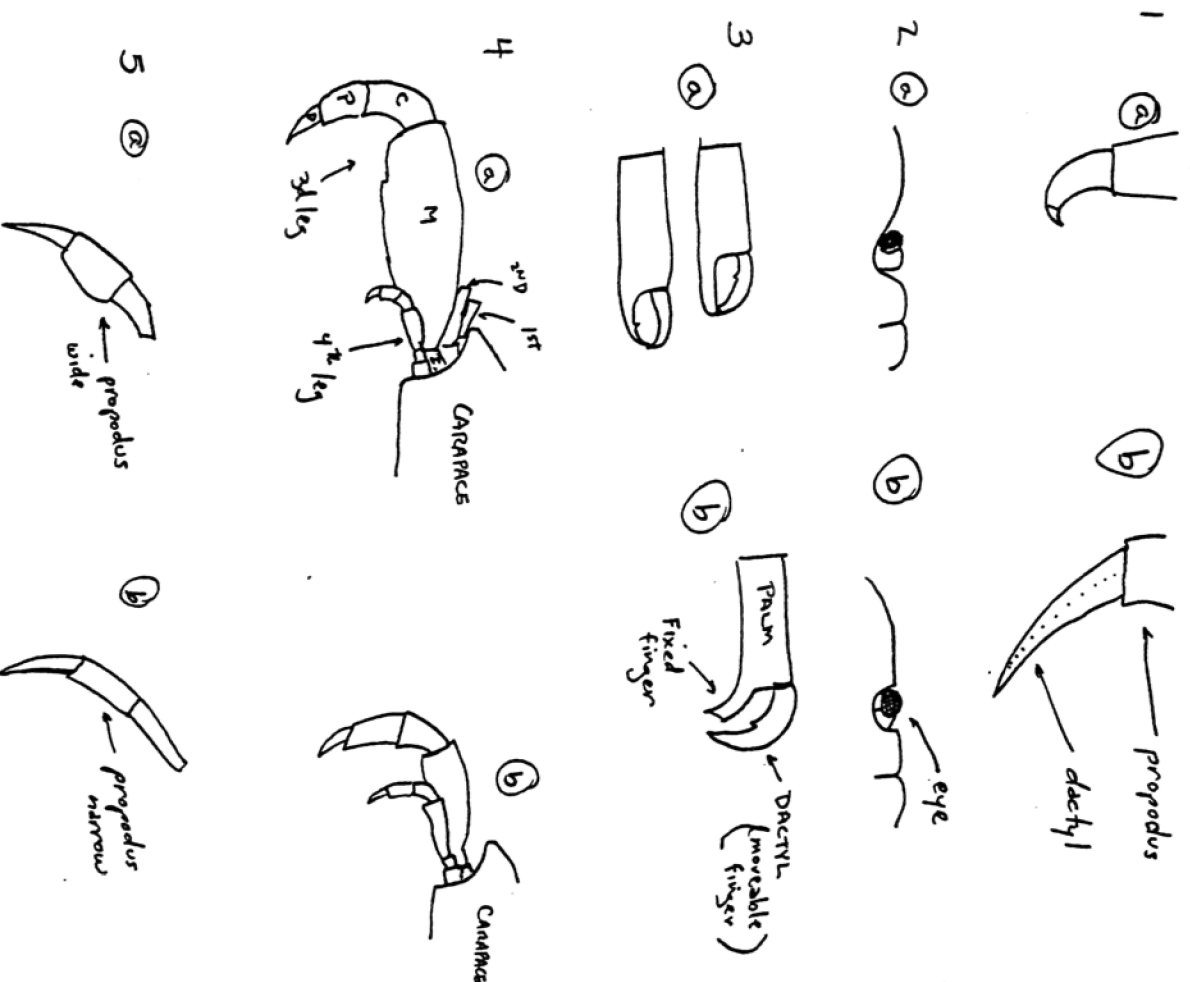
Area of Expertise _____

Would you like to be on SCAMIT's list of people who do free-lance work? yes _____
no _____

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 Playa del Rey, Ca. 90291

Key to the species of the genus Pinnixa reported from Southern California
 (loosely based on that of Schmitt, 1921, but applies to either sex)
 by D.B. CADEN - HBC Applied Environmental Sciences June 1984

- 1a Dactyls of walking legs strongly falcate - 2
- b Dactyls of walking legs straight or slightly curved - 3
- 2a Outer margin of orbit grading smoothly into anterior margin of carapace - Pinnixa faba Dana 1851
- b Outer margin of orbit forming distinct angle with anterior margin of carapace - Pinnixa littoralis Holmes 1895
- 3a Fixed finger of chela straight or curved upwards distally - 4
- b Fixed finger of chela deflexed - Pinnixa occidentalis Rathbun 1893
- 4a 4th walking leg less than $\frac{1}{2}$ length of 3d (dactyl of 4th does not reach beyond end of merus of 3d) - 5
- b 4th walking leg more than $\frac{1}{2}$ length of 3d (dactyl of 4th reaches beyond end of merus of 3d) - 6
- 5a Chelae stout, propodus of 2nd walking leg wide
- Pinnixa longipes (Lockington 1877)
- b Chelae feeble, propodus of 2d walking leg narrow
- Pinnixa tubicola Holmes 1895 (juveniles, adults see 7)
- 6a Posteroventral margin of ischium of 4th walking leg denticulate or tuberculate - 7
- b Posteroventral margin of ischium of 4th walking leg smooth (may or may not be pubescent or hirsute) - 8
- 7a Posteroventral margin of ischium of 4th walking leg with 3-6 conical denticles - Pinnixa hiatus Rathbun 1918
- b Posteroventral margin of ischium of 4th walking leg with single large pointed tubercle - Pinnixa tubicola Holmes 1895
- 8a Dactyl of 3d walking leg with a strong longitudinal rib on both dorsal and ventral faces - 9
- b Dactyl of 3d walking leg with a weak longitudinal rib on both dorsal and ventral faces or rib absent - 10
- 9a Palm of chela with margins subparallel - Pinnixa schmitti Rathbun 1904
- b Palm of chela tapering from base of fingers to base of article (palm wider distally than proximally) - Pinnixa barnharti Rathbun 1918
- 10a Propodus of 4th leg about as wide as long - P. tomentosa Lockington 1877
- b Propodus of 4th leg $1\frac{1}{2}$ -2x as long as wide - 11
- 11a Carapace with granulate anterolateral ridge - P. franciscana Rathbun 1918
- b Carapace without granulate anterolateral ridge - P. weymouthi Rathbun 1918



Illustrations of key character dichotomies

of Southern California *Pinivya* spp