Southern California Association of
Marine Invertebrate Taxonomists

3720 Stephen White Drive
San Pedro, California 90731

October 1988 Vol. 7, No. 7

NEXT MEETING: Ophiuroids from California with
Dr. Gordon Hendler, Curator, LACMNH

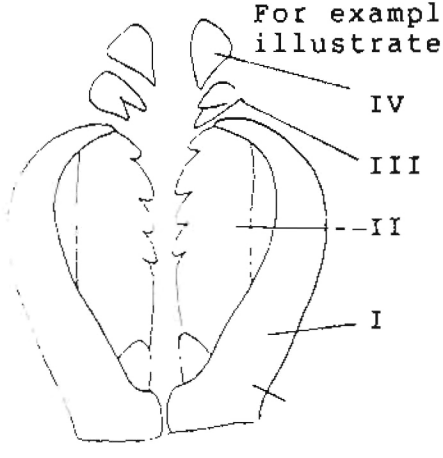
DATE: November 14, 1988

LOCATION: Los Angeles County Museum of Natural History
900 Exposition Blvd
Los Angeles, CA

MINUTES FROM MEETING ON OCTOBER 11, 1988

At the October meeting we reviewed the characteristics used to identify complete specimens of Lumbrineris. We determined that five major characters should be used when working with this genus. They are:

1. Color of acicula.
2. Presence of simple or compound hooded hooks in anterior segments.
3. The setiger that compound hooded hooks begin and the number of setigers containing compound hooded hooks.
4. The presence or absence of elongated presetal and/or postsetal parapodial lobes.
5. Number of teeth present on the maxillae. This information is presented in a formula, called the maxillary formula that notes the number of teeth on each pair of maxillae. For example, the maxillae from Lumbrineris laetreilli illustrated below has a formula of 1-5-2-1.



Maxillae from Lumbrineris laetreilli

Figure from:
George, J.D. and G. Hartman-Schroeder. 1983 Synopses of the British Fauna. No. 32 Polychaeta: British Amphirouida, Spintherida and Eunicida. Publ. by E.J. Brill.

FUNDS FOR THIS PUBLICATION PROVIDED IN PART BY ARCO FOUNDATION, CHEVRON USA, AND TEXACO INC.

Although whole specimens of Lumbrineris do occur in our samples, most of the time they break into fragments. At an earlier SCAMIT meeting (February 1983), we devised a method of separating fragmented Lumbrineris into four groups by acicula color and the presence of simple or compound hooded hooks (SCAMIT Newsletter Vol. 1, No. 11). This chart is given below.

GROUP	ACICULA COLOR	ANTERIOR HOODED HOOKS
I	Yellow	Compound
II	Black	Compound
III	Yellow	Simple
IV	Black	Simple

Apparently there is an intermediate acicula color that many people have seen. These acicula are not jet black but are dark at the tip and gradually become pale, almost translucent brown at the base. These should not be confused with yellow or golden acicula, which are yellow throughout the shaft.

During the review of specimens that were brought to the meeting, we referred to several type-material specimens from the Allan Hancock Foundation museum. We noted a discrepancy between the holotype and paratypes for Lumbrineris minima and the description given in Hartman's 1968 Atlas. The Atlas lists the species as having long presetal lobes and short postsetal lobes in the posterior. Actually the specimens are just the reverse having short presetal lobes and long post setal lobes in the posterior.

News....News....News

Dr. Mary Wicksten of Texas A & M University has written to say that she, Dr. John Garth and Dr. Janet Haig are preparing a new, up-to-date account of California decapods. This will be a major revision of Schmitt (1921) The Marine Decapod Crustacea of California. Univ. Calif. Publ. Zool. 23: 470p. Mid-water and deep benthic species will be included. The authors already have acculmulated all published records of species, but will be happy to add any new material SCAMIT members wish to include. If anyone has odd or unidentifiable, non-larval specimens they wish examined for inclusion in this work, please send anomurans to Dr. Haig and brachyurans to Dr. Garth, both at Allan Hancock Foundation, University of Southern California, Los Angeles, CA 90089. Send other decapods (particularly shrimp) to Dr. Wicksten at Texas A & M University, College Station, TX 77843. If you need help with major taxonomic problems or with a funded project, please contact these authors for their current consulting rates.

Dr. Paul Montagna, Unversity of Texas, is seeking ("desparately seeking", he says) postdoctoral fellows in benthic ecology;

the Natural History Museum in San Diego is looking for volunteer sorters; the City of San Diego is looking for marine biologists; and Hyperion is looking for student workers. The flyers for these opportunities are enclosed in this newsletter.

Also enclosed is an announcement for the 5th International Conference on Coelenterate Biology, scheduled for July 1989 at the University of Southampton.

List of Specimens Examined October 11, 1988

HYP 79	Lumbrineris laetreilli, Audouin and Milne Edwards, 1934
LACO 82	Lumbrineris lagunae, Fauchald 1970

The SCAMIT newsletter is published monthly for $15 per year by SCAMIT, 3720 Stephen White Drive, San Pedro, CA 90731, USA. Application to mail at Second-Class Postage Rates is pending at US Post Office, Long Beach, CA 90809-9998 POSTMASTER: Send address changes to SCAMIT, 3720 Stephen White Drive, San Pedro, CA 90731.

SCAMIT Code: HYP 79

Date examined: October 11, 1988
Voucher by: Tom Parker

Synonymy: None

Literature:

Fauchald, K. 1970. Polychaetous Annelids of the Families Eunicidae, Lumbrineridae, Iphitimidae, Arabellidae, Lysaretidae, and Dorvilleidae from Western Mexico. Allan Hancock Monograph in Marine Biology. No. 5. 335 p.

Hartman, O. 1944. Polychaetous Annelids. Pt. 5. Eunicea. Allan Hancock Pacific Expeditions. 10: 1-238.

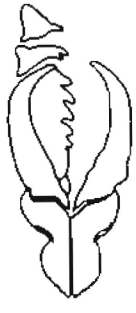
Hartman, O. 1968. Atlas of the Errantiate Polychaetous Annelids From California. Allan Hancock Foundation. 828 p.

Diagnostic Characters:

1. Acicula yellow.
2. Composite hooded hooks present in anterior setigers; the last appearing on setiger 11-24.
3. Presetal and postsetal lobes not prolonged in any setiger.
4. Maxillary formula: 1-5-2-1.

Comments: Acicula color is clearly different from acicula in L. japonica.

Distribution: Throughout southern California, in shelf depths. From Santa Monica Bay in 18-45 m in mixed sediments.



Maxilla (from Hartman, 1968)

SCAMIT Code: LACO 82

Date examined: October 11, 1988
Voucher by: Tom Parker

Synonymy: Lumbrineris bifilaris Hartman, 1944, 1968
(not Ehlers, 1901)

Literature:

Fauchald, K. 1970. Polychaetous Annelids of the Families Eunicidae, Lumbrineridae, Iphitimidae, Arabellidae, Lysaretidae, and Dorvilleidae from Western Mexico. Allan Hancock Monograph in Marine Biology. No. 5. 335 p.

Hartman, O. 1944. Polychaetous Annelids. Pt. 5. Eunicea. Allan Hancock Pacific Expeditions. 10: 1-238.

Hartman, O. 1968. Atlas of the Errantiate Polychaetous Annelids From California. Allan Hancock Foundation. 828 p.

Diagnostic Characters:

1. Acicula yellow.
2. Simple hooded hooks present from first setiger.
3. Posterior presetal and postsetal lobes prolonged.
4. Maxillary formula: 1-(4-5)-2-1.

Comments: The description in Hartman's Atlas (1968) incorrectly states that the acicula are black.

Distribution: Throughout southern California, in shelf depths.

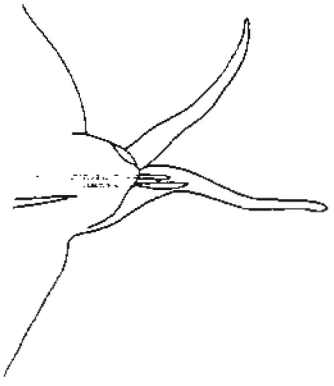


Fig. 1 Posterior parapod and lobes

Fig. 2 Maxilla

(Figures from Hartman, 1968)

THE CITY OF
SAN DIEGO

EMPLOYMENT
OPPORTUNITY FOR

MARINE BIOLOGIST I

HOME OF THE AMERICA'S CUP

SALARY STEPS: $1972 - $2066 - $2165 - $2265 - $2378/month.
$2012 - $2108 - $2209 - $2310 - $2425/month effective 12-30-88.
Starting Salary may begin above the entry step.

NOTE: With one year of appropriate experience and a minimum of six months satisfactory service, you may be considered for automatic promotion to Marine Biologist II, $2748 a month maximum; and $2804 a month maximum, effective 12-30-88.

Selection Process: Existing and future vacancies may be filled during the period the eligible list established by this examination is in effect. Candidates selected for interview by the hiring department will be contacted as required to fill their vacancies.

THE JOB: Marine Biologist I is the entry-level into the City's professional Marine Biologist series. Marine Biologists I work from a 30-42' ocean monitoring boat to collect and analyze ocean water, benthic, and fish samples; perform taxonomic identifications of invertebrate marine animals and fish; statistically analyze and interpret oceanographic data; write technical reports; and perform related work as assigned.

MINIMUM REQUIREMENTS: You may qualify by meeting one of the following:

1) Education: College graduation with a Bachelor's degree in Marine Biology or Oceanography or a closely related field, such as Biology. **If your degree is in a closely related field, it must include upper division coursework, including lab work, in Marine Biology or Oceanography and one upper division course in Invertebrate Zoology or Ecology.**

2) If you do not meet the educational requirement, you may substitute any combination of full or part-time experience which equals one year of full-time experience working in an ocean monitoring laboratory for each year of education lacked. **Qualifying experience must include performing ocean monitoring biological studies, including any of the following: collecting and analyzing ocean water, benthic, and fish samples in the field; performing taxonomic identifications of marine invertebrate organisms and fish; or performing statistical analysis of oceanographic data.**

College transcripts showing degree awarded must be submitted with your application. Transcripts will be made available to the hiring department.

Graduating seniors in their final semester or quarter of college may apply but will be placed inactive on the eligible list until submitting proof of completing the educational requirement. Graduating seniors should submit transcripts covering courses up to their current term and should indicate their anticipated date of graduation.

License: A valid California Class 3 driver's license, which permits you to drive an automobile, will be required at the time of hire.

APPLICATION PROCEDURE: First Date to Apply: September 16, 1988. Applications will be accepted until further notice. The application period may be closed with five days notice by the Personnel Department.

NOTE: In addition to the Standard Application you must submit the Supplemental Application. Applications submitted without a complete Supplemental Application will be rejected.

EXAMINATION PROCESS: There is no written test or interview by the Personnel Department. All qualified applicants will be placed in CATEGORY 1 on the list of approved applicants, which will be in effect for six months and may be extended by the Civil Service Commission. Approved candidates will receive written notice when their names are placed on the eligible list.

(OPEN SERIES) #T9041 Marine Biologist I
September 16, 1988
MARINEB1.BUL

Randy Sutton, Assigned Analyst
Gerald Chiles, Supervising
Personnel Analyst

The City is an Equal Opportunity Employer that has an active Equal Opportunity Program for women, minorities and the handicapped. If appropriate, special testing arrangements can be made for handicapped persons by calling 236-6359 upon filing an application.

APPLICANT INFORMATION

PLACE TO APPLY

IN PERSON

EMPLOYMENT INFORMATION COUNTER
CITY ADMINISTRATION BUILDING LOBBY
202 "C" STREET
SAN DIEGO, CALIFORNIA
PHONE: (619) 236-5751
Call 236-5627 (236-JOBS) for 24-hour job information.
For the hearing impaired, job information is available on TTY. Call 236-6950.

All required application materials must be received by the Personnel Department Employment Information Counter NO LATER THAN 5:00 P.M. ON THE FINAL FILING DATE. It is the applicant's responsibility to ensure that the application is received within the filing period. Applications postmarked on the final filing date but received after that date will not be accepted.

GENERAL REQUIREMENTS

All requirements must be met at time of application, unless another time is specified.

GENERAL: U.S. Citizenship or legal right to work status. After you are hired, you must live in San Diego County and sign a loyalty oath. Persons selected for employment will be required to present documents establishing personal identity and the legal right to work in the United States and must complete and sign a form verifying the authenticity of the documents presented before starting work. The minimum age for most full-time employment is 18, unless you are 17 and a high school graduate.

MEDICAL EXAMINATIONS

Before you are hired or promoted, you may be required to pass a City medical examination and/or complete a comprehensive medical history questionnaire.

MAILING ADDRESS
JOBS
CITY OF SAN DIEGO
PERSONNEL DEPARTMENT
202 "C" STREET
SAN DIEGO, CA 92101 - 3873

PROMOTIONAL OPPORTUNITIES

After six months of continuous service, with a performance rating which is other than "unsatisfactory", City employees may qualify to apply for promotional examinations which are not available to the general public.

VETERANS' PREFERENCE POINTS

NOTE: Anyone who has retired from military service on full pension or who has worked, even briefly since discharge, is not qualified to receive veteran's preference points.

The latest period for which qualified veterans may receive preference points is 6/24/48 to 6/30/73. Qualified veterans (and certain spouses) must present proof of dates of service and honorable separation, at time of application. Five preferential points will be granted to qualified veterans only after passing an open examination.

CONVICTION RECORD

Before you are hired, you must submit a Conviction Record Form specifying whether you have been convicted of a felony or misdemeanor. Failure to do so may result in disqualification.

EMPLOYEE BENEFITS

City employees are presently offered a variety of fringe benefits including paid holidays and annual leave, group health and life insurance, retirement and supplemental pension plan, as well as significant promotional opportunities. Employees hired on an hourly basis are not eligible for most fringe benefits.

Fringe benefits may change due to the annual employer-employee contract negotiations.

CONTRIBUTIONS

The Conference will consist of talks, poster sessions and additional informal workshops. The proceedings will be published as a single volume. Contributions presented as talks or posters will be considered equally for publication if they meet referees' criteria. There is no guarantee of publication.

PUBLICATION

Instructions to authors for presentation of abstracts and manuscripts will be sent in December 1988 to those people who offer a contribution when they return their Registration Form for the Conference. Abstracts are to be received before 1st March 1989. Manuscripts must be handed in on arrival at the Conference in order to facilitate rapid review and publication. Only those manuscripts received by this time will be considered for publication. Authors who are unfamiliar with English should prepare their manuscripts with the aid of someone who is fluent in the language.

ACCOMMODATION

All participants and accompanying persons can be accommodated in student residences of the University of Southampton. Most of the accommodation is in single rooms, but a smaller number of double rooms and a few apartments for four people are available. The cost of full board including refreshments and all meals (also Conference Dinner) will be £32.00 per person per day. The full cost of accommodation for participants and accompanying persons must be paid in £ sterling on or before arrival at the Conference. Hotel accommodation is available but is more expensive and is not close by. A list of hotels is available on request.

REGISTRATION

The full registration fee is £90.00 (this includes the Conference Volume). The registration fee for accompanying persons is £20.00. Students may apply for the reduced fee of £50.00. *The registration fee must be in £ sterling and paid before 1st March 1989.* Payment should be addressed to:- The 5th International Coelenterate Conference, and sent to:

Dr M A Carter, School of Biological Sciences, Portsmouth Polytechnic, King Henry I Street, Portsmouth, PO1 2DY U.K.

(the Conference Bank is Barclays, Portsmouth City Branch, 107 Commercial Road Portsmouth, PO1 1BT. Bank sorting code, 20-69-34, Account number 50511579).

Refunds for cancellation will be made if written application is received before 1st June 1989. After this date refunds will be made only in exceptional circumstances.

If you wish to register for the Conference please complete the registration form overleaf and return it by 1st November 1988, to Dr R G Hughes at the address given at the bottom of the form.

SOCIAL PROGRAMME

A social programme is being arranged. Tennis and Squash Courts are available to all participants.

SUMMARY OF DEADLINES

Registration Forms to be returned by 1st November 1988.
Instructions to Contributors sent out in December 1988.
Abstracts to be received by 1st March.
Registration Fees to be received by 1st March 1989.
Last date for cancellations 1st June 1989.
Manuscripts to be received on 10th July 1989.

5th INTERNATIONAL CONFERENCE ON COELENTERATE BIOLOGY

'COELENTERATES 1989'

UNIVERSITY OF SOUTHAMPTON
10-14 JULY 1989

REGISTRATION FORM

Please type or print clearly. This form may be photocopied
(*delete where applicable)

Address (for mailing in December 1988 and April 1989)

. . . . . .

. . . . . .

. . . . . .

I require accommodation for . . person(s) on the following dates -

July 8 9 10 11 12 13 14 15 16 (delete dates NOT applicable)

Name(s) and sex of those requiring accommodation

. . . . . .

. . . . . .

Indicate preference single room / double room / apartment*

I wish to present a talk / poster / film / video* (please state format for film or video)

Title . . . . . .

. . . . . .

Brief indication on content (less than 30 words)

. . . . . .

. . . . . .

. . . . . .

Preferred length of talk 20 mins / 30 mins

Length of film / video * . . . mins.

Special requirements (other than 35mm slides and overhead projection)

. . . . . .

. . . . . .

I would like to participate in/chair* an informal workshop on

. . . . . (indicate subject area)

**PLEASE RETURN THIS REGISTRATION FORM BY
1st NOVEMBER 1988 TO:-**

**Dr R G Hughes, School of Biological Sciences,
Queen Mary College, University of London,
London, E1 4NS UK**

Tel: 01 980 4811 ext 4171

Telex: 893750

SECOND CIRCULAR AND REGISTRATION FORM

VENUE

The Conference will be held from 10th to 14th July 1989, inclusive, at the University of Southampton. Registration will take place from Sunday, 9th July. Southampton is on the south coast of England about 1 hour from London by train. There is a local airport. Southampton has been chosen in preference to London for its lower costs and pleasant campus facilities.

ORGANISERS

The Coelenterate Group of Great Britain
Conference Committee.
Chairman, Dr R G Hughes (London)
Secretary, Dr E A Robson (Reading)
Treasurer, Dr M A Carter (Portsmouth)
Committee members, Dr P F S Cornelius (Deputy Chairman), Prof. G Chapman, Dr J A E B Hubbard.

Conference President, Prof. G O Mackie (Victoria, BC)
Vice Presidents, Prof. J Boutillon (Brussels), Prof. G Chapman (London), Prof. A P M Lockwood (Southampton).

CONFERENCE THEMES

Replies to the first circular included preliminary offers of contributions on cnidarians and ctenophores within the following broad themes:-

CELLULAR BIOLOGY
including nematocysts and skeletogenesis

DEVELOPMENTAL BIOLOGY
including reproduction and gametogenesis

ECOLOGICAL PHYSIOLOGY
including endosymbiosis and biomechanics

ECOLOGY
including population ecology, conservation and pollution.

EVOLUTION AND SYSTEMATICS
including palaeontology and life cycles.

GENETICS
including population and molecular genetics

PHYSIOLOGY AND BEHAVIOUR
including neurobiology and behavioural associations.

HISTORICAL ASPECTS

This list is a guide to the main themes and contributions outside these broad categories are welcome

LANGUAGE

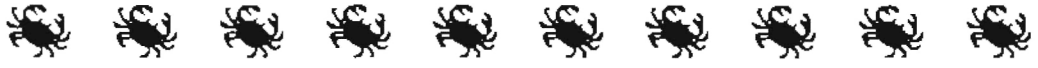
The Conference language is English.

NATURAL HISTORY MUSEUM

POST OFFICE BOX 1390, SAN DIEGO, CALIFORNIA 92112
EL PRADO IN BALBOA PARK • TELEPHONE 619 232-3821
OPERATED BY SAN DIEGO SOCIETY OF NATURAL HISTORY FOUNDED 1874

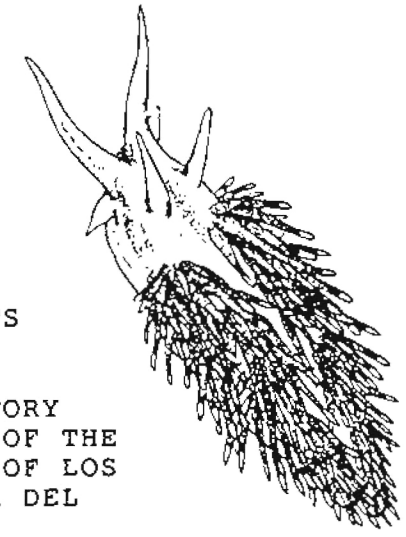
The Department of Marine Invertebrates

needs volunteers to help sort scuba, night light, algal wash collected invertebrate samples. If spinelessness is your thing and you enjoy peering through a microscope, boy do we have some wonderful stuff! Collections are from Caribbean Costa Rica (Cahuita Coral Reef, Parque Nacional Cahuita), Caribbean and Pacific Panama, Pacific El Salvador, Revillegigegdo Islands, Pacific Mexico and Gulf of California . This can easily become a great student project taylored to your interests, time and needs. You would have access to the department's extensive reprint library and other museum facilities.



For more information or a tour of our department, please call 619 232-3821 x228, Dr. Richard C. Brusca or Regina Wetzer

6/30/88rw



MARINE BIOLOGY AND MICROBIOLOGY STUDENTS

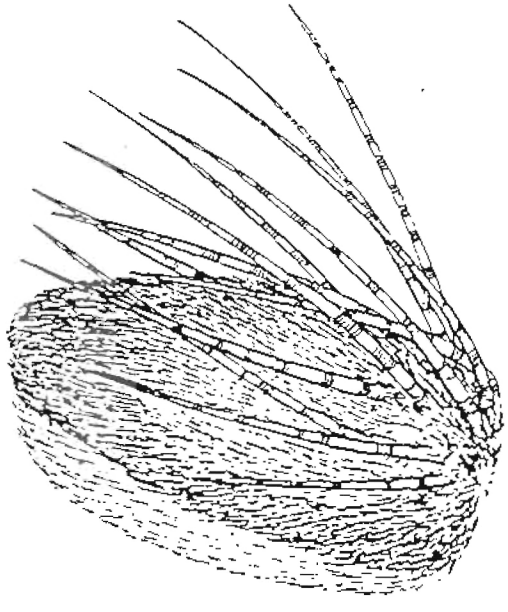
RESUMES ARE BEING ACCEPTED FOR A LABORATORY TRAINEE POSITION IN THE BIOLOGY SECTION OF THE ENVIRONMENTAL MONITORING DIVISION, CITY OF LOS ANGELES, HYPERION TREATMENT PLANT, PLAYA DEL REY.

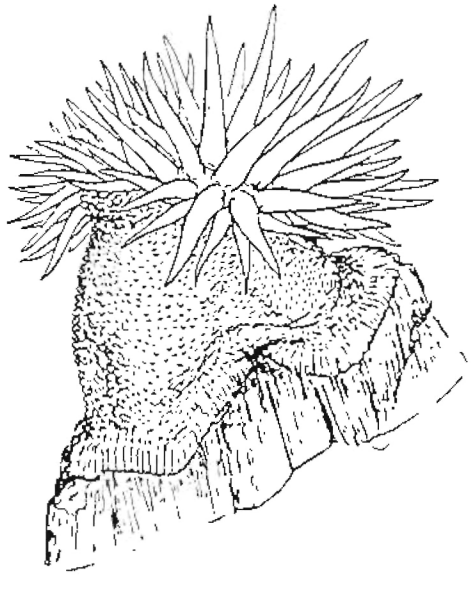
THIS POSITION, OFFICIALLY TITLED "MATH-SCIENCE TRAINEE", IS FOR PERSONS INTERESTED IN STARTING A CAREER IN ENVIRONMENTAL SCIENCES. EMPHASIS WILL BE IN BENTHIC ECOLOGY, MARINE MONITORING, AND WASTEWATER MICROBIOLOGY. FULL OR PART TIME WORK IS AVAILABLE AND A FLEXIBLE WORK SCHEDULE MAY BE AVAILABLE TO ACCOMMODATE YOUR CLASS SCHEDULE. APPROXIMATE HOURLY SALARY IS $ 7.25.

PLEASE SEND A RESUME AND A LIST OF SCIENCE COURSE WORK TO :

ENVIRONMENTAL MONITORING DIVISION
12000 VISTA DEL MAR
PLAYA DEL REY, CA 90293

ATTENTION: MELINDA BARTLETT





MARINE SCIENCE INSTITUTE

THE UNIVERSITY OF TEXAS AT AUSTIN

Port Aransas, Texas 78373-1267 · (512) 749-6711

Desperately seeking Postdoctoral Fellow In Benthic Ecology

Dear Colleague:

I obtained your address from the Benthic Ecology mailing list. I am seeking a postdoctoral fellow to participate in several current studies. One present study deals with harpacticoid reproduction and distribution in the central California continental shelf. The two other studies are based in Texas estuaries. One deals with the effect of freshwater inflow on benthic metabolism and nutrient recycling. The other Texas study deals with benthic productivity and consumption in a hypersaline lagoon which is dominated by seagrass beds.

The ideal candidate would have experience working in any combination of the following subjects: bacteria, benthic metabolism, crustacean reproductive ecology, meiofauna, modelling, nutrient recycling, trophic interactions, or water flow and resuspension. I am particularly interested in someone with modelling experience, and would consider a modeller without benthic experience for this position.

I need someone who could start a two-year term on or soon after January 3, 1989. The salary range is $20-23,000 per annum. Additionally, we provide university-subsidized furnished apartments.

Interested parties should send a letter of application (indicating general areas of research interest or outlining particular laboratory skills), a resume, and two letters of recommendation by November 15, 1988. I do not anticipate conducting interviews, so candidates are encouraged to enclose any materials they consider pertinent to their application. If necessary, interviews could be conducted at the upcoming ASLO-AGU meeting in December in San Francisco. Address applications to:

Dr. Paul Montagna
University of Texas at Austin
Marine Science Institute
Port Aransas, Texas 78373-1267

Telephone (512)749-6779

SCAMIT CODE: PL76

Date Examined: 14 March 88
Voucher by: Carol Paquette

SYNONYMY: Eusiridae Genus B sp. A of MBC
Eusiridae sp. A of SCAMIT (Vol. 6, No. 12)

LITERATURE: Tzvetkova, N.L. 1975. A new species of Pleustidae (Amphipoda), a commensal of sea urchins, from the Commander Islands. Zoologicheskii Zhurnal 54:121-124.

Vader, Wim. 1978. Associations between amphipods and echinoderms. Astarte 11:123-134.

Karaman, G.S., and J. L. Barnard. 1979. Classificatory revisions in gammaridean Amphipoda (Crustacea). Part 1, Proc. Biol. Soc. Wash. 92(1):106-165.

DIAGNOSTIC CHARACTERS:

1. Dactyls of pereopods 3-7 serrate on distal 2/3 of posterior margin, with a distal cusp.

2. Gnathopods 1 and 2 slender, subchelate, article 5 about as long as article 6, article 5 of G2 slightly lobed on distal end of posterior margin.

3. Rostrum reaching about halfway along article 1 of antenna 1.

4. Antennae short, 1/4 length of body, flagella with 4-6 articles each.

5. Pleonal epimera slightly produced posteriorly, margins entire.

6. Outer rami of uropods 1-3 slightly shorter than inner rami. Peduncle of uropod 3 with 2 stout setae on posterior dorsal margin. Outer ramus of U3 with 3 stout setae on outer margin and 2 on inner margin. Inner ramus of U3 with 4 stout setae on outer margin, and 5 on inner margin.

RELATED SPECIES AND CHARACTER DIFFERENCES:

1. No other pleustid genus has the cuspid (prehensile) pereopod dactyls. (Only one species has been described for the genus *Dactylopleustes*.)

2. This species appears to differ from *Dactylopleustes echinoicus* (Tzvetkova 1975) only by a few minor characters:

   - Presence of stout setae on the peduncle of U3, and number of stout setae on the margins of the rami.
   - One more tooth each on the postero-ventral corner of coxae 1 and 3.
   - Presence of 2 pairs of small setae on the telson.
   - Distal end of article 5 of G2 slightly more expanded posteriorly, forming a small lobe.
   - Anterior margin of P5-7 produced distally forming a pointed projection with a terminal stout seta.

DEPTH RANGE: 30 - 298 m

DISTRIBUTION: Pt. Conception to San Diego

NOTES: This species was also examined at the first SCAMIT Barnard Amphipod Workshop in 1985. Based on the single specimen available at that time, it was thought to be a eusirid. More specimens have been found recently, and because of the species pleustid-like appearance, it was re-examined during the 1988 SCAMIT Barnard Amphipod Workshop. The lower lip was found to be typically pleustid with highly tilted outer lobes astride 2 fused inner lobes. Eusirids have larger, unfused inner lobes, or outer lobes not widely flared, but pointed down. Also, the mandibular molar is non-triturative.

This species has been found on the surface of the regular sea urchins *Lytechinus pictus* and *Allocentrotus fragilis* from both trawl and bottom grab collections. The closely related *Dactylopleustes echinoicus* was collected in the littoral zone of Bering Island (Commander Islands) in the southwest Bering Sea, on the sea urchin *Strongylocentrotus polyacantha*.