



THE ECDYSIAST

Newsletter of the Crustacean Society

ECDYSIAST VOLUME 8, NUMBER 1

MARCH, 1989

PRESIDENT'S STATE OF THE SOCIETY MESSAGE

Dear Members,

The Society approaches mid-year with activity on a number of fronts, including preparations for annual meetings in Boston and San Antonio, preparations for major symposia in Australia and Mexico, review of papers and professional credentials for Society awards programs, and preparations for a summer election ballot. It is also a year in which some of our dedicated members have taken on an additional task, that of building Society membership and library subscriptions to JCB. Dorothy Skinner, Ray Manning, and Larry Abele are among those who have devoted time and effort to identifying new members and securing library subscriptions to the Journal. In addition, I am undertaking an effort to identify former members who have allowed memberships to lapse and am offering these individuals some gentle encouragement to re-enlist.

Why go to all this trouble? Simply put, the Society is its membership. The size and quality of membership determines the scope of crustacean interests represented, the degree to which subdisciplines are encouraged to interact with one another, the effectiveness of regional and international communication facilitated, and the visibility of our Society publications. The strength of membership and the number of library subscriptions to JCB also determines economic security of the Society and Journal and thus determines our ability to publish more papers without page charges, support more symposia, and maintain low membership and subscription rates.

There is a role for each of you to play in the effort to strengthen the Society. Please take a few minutes to determine whether your institutional library subscribes to JCB. (Even if your main library subscribes, how about checking with librarians at marine laboratories, limnological stations, governmental agencies, or other establishments that you may collaborate with?). Please call attention to our low library subscription rate of \$75, the availability of backfiles, the breadth of topical coverage in the Journal, and the quality that has been maintained in nine years of publishing the Journal. The address for submission of subscription or membership applications is conveniently available on the lower inside of the cover page in every issue of the Journal.

In addition, please do not hesitate to undertake your own efforts to add Society members from among colleagues who have not yet joined or those who may have let their membership lapse. The Society is approaching its tenth successful year with potential for a very a bright future, and that future will be especially bright if membership grows to represent the broadest possible spectrum of crustacean biologists.

Darryl L. Felder
TCS President

ANNUAL TCS MEETINGS IN SAN FRANCISCO

The Crustacean Society met with the American Society of Zoologists and associated societies in San Francisco, Dec. 27-30. TCS was active as usual, with five contributed paper sessions, one poster session, and the day long symposium on crustacean sexual biology. Members got together for a social at the California Academy of Sciences. TCS Board of Governors held their annual meeting, and the minutes will appear an upcoming issue of the society's journal.

BEST STUDENT PAPER AWARDS AT THE SAN FRANCISCO MEETINGS

Competition for the TCS Best Student paper award was fierce this year, and the prize was awarded to two persons by the TCS Awards Committee, chaired by Sandra Gilchrist. The award consists of a certificate and a year's subscription to JCB. The award-winning presentations were (1) "Locomotion in deep-sea amphipods: body design and functional morphology of swimming appendages" by Michel A. Boudrias, Scripps Institution of Oceanography, University of California, San Diego and (2) "Molecular phylogeny of brachyuran crustaceans based on 18S RNA sequences" by Patricia A. Spears (with L.G. Abele). Congratulations to Michel and Patricia for recognition their fine work has received.

ADDITIONAL TCS MEETING??

Interest has been expressed in having TCS sponsor another set of meetings sometime during the year apart from the annual meetings with ASZ after Christmas. It is hoped that these meetings would attract members who may not be able to attend in December. Additionally, the meetings might be held in a less formal and expensive setting, e.g., a university campus or marine laboratory so that perhaps finances would not prevent faculty or graduate student members from attending and presenting papers.

Along these lines, Program Officer George Wilson would like to poll TCS membership on interest in a summer meeting. He is investigating one or two possible locations (e.g., Asilomar near Monterey, California) and has made contact with one or two possible organizers. The earliest that such a meeting might be arranged would be 1991 since 1990 is already too busy. In addition, some lead time is needed to prepare for this. If you might be interested in attending such a meeting and/or helping with its organization, please contact

George Wilson (Marine Biology Division, Scripps Institution of Oceanography, La Jolla, CA 92093-0202, tel. 619-534-6692).

MEMBERSHIP DRIVE

As emphasized in the President's message, TCS membership and JCB subscriptions need to be increased. Dorothy Skinner has pointed out that we can double membership if each TCS member recruits one new member. Please also check to see if the library of your home institution carries the Society's journal. If not, put pressure on your library acquisitions committee to begin subscription.

1988 ELECTION RESULTS

50 ballots were received, 33 from the United States. All nominees were elected, and there were no write-in votes. Those elected were: Secretary, Betty Wenner; Treasurer, Denton Belk; North American Regional Governor, Dorothy Skinner; Jan Stock, European Regional Governor; Indo-Pacific Regional Governor, Geoffrey Hicks.

The following offices are open for election in 1989: President-Elect, Program Officer, Asian Regional Governor, and South American Regional Governor. A slate of contenders is being assembled. Please watch for the ballot which will appear in the fall issue of the Ecdysiast. The membership's participation in the elections is highly encouraged. Certainly we can do better than the 50-ballot return of 1988!. (Paul Haefner, TCS President-Elect)

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TCS TENTH ANNIVERSARY PLANS

Plans are going well for the San Antonio anniversary in 1990. There will be a symposium on the History of Carcinology, organized by Frank Truesdale of LSU. Ray Manning is writing a history of the society for publication in the journal.

A t-shirt, especially designed for our 10th anniversary, will be available within the next year. The present plans are to display samples of the shirts at the 1989 Boston meeting and to advertise them in the newsletter. The membership will be able to purchase them through the mail.

The TCS logo, or facsimiles thereof, will be available (perhaps as early as the 1989 Boston meeting) in the form of tie-tacks, lapel pins, and brooches. We will keep you posted on this.

For more information on the 10th anniversary, contact Buzz Wilson (meeting program), Ray Manning (written history of the society), Frank Truesdale (symposium), and Paul Haefner (t-shirt, jewelry). (Paul Haefner, President-Elect).

DECEMBER 1989 IN BOSTON

The upcoming December meetings will be the ASZ Centennial Meeting with many special plenary lectures and functions, including such highlights as a lecture from Charles Darwin, the ASZ Symphony Orchestra, the Elephant and the Blind Zoologist, and the now familiar ASZ Auction. TCS will be sponsoring the symposium "The Biology of the Thalassinoidea" on the last day (30 Dec). We will participate in the the All-ASZ and other societies social at the Boston Aquarium (there is little free time and not much money for a special TCS social). **IMPORTANT, POSTER ALERT:** This meeting has very limited amount of time for oral contributions, and ASZ strongly urges contributors to do posters this year. Most of us have chosen oral presentations in past years, but this year we should try doing posters. Actually, it isn't as hard to do posters as it used to be. Prepare some good graphics or photographs (you probably would do this for a publication anyway), and have your text generated on a laser printer with a large-sized font (i.e., easily readable from 4 feet away). You can come to the meeting with entire poster in a manilla envelope and then put it up on the poster board provided by ASZ (bring your own tacks). Posters have the advantage that you can interact directly with those who are interested in your work. Some of the most interesting discussions I have had at the ASZ meetings have been during the poster sessions. The usual deadlines (August for Abstracts and November for Preregistration) will apply for this meeting. (George Wilson, TCS Program Officer).

VOLUNTEERS NEEDED FOR BOSTON MEETING

Paul Haefner needs volunteers who would be willing to staff the TCS exhibits table at the 1989 TCS-ASZ meeting. Only two hours of your time in the exhibit hall would be requested. PLEASE HELP!!

FROM THE JCB EDITOR

Do you have a manuscript reaching its final molt? Send it to the JCB. We have room for papers dealing with any aspect of crustacean biology. Frequently authors have funds for publication either budgeted in grants or available from their institutions. TCS is grateful for page charges paid in this way. Such payments are very important to the stability of the Journal. They also increase the ability of TCS to support authors who are without funds. Authors who are unable to pay page charges are encouraged to submit manuscripts. TCS is currently able to subsidize publications wholly or in part in many cases. Inability to pay charges does not affect the acceptance of a manuscript. All manuscripts are judged on scientific merit. Send that completed manuscript today. The editorial office functions better with too many manuscripts than with too few. (Arthur G. Humes, TCS Editor)

MEETING ANNOUNCEMENTS

Third International Crustacean Conference, Brisbane, Australia, July 2-7, 1990. This conference will be primarily organized by the Crustacean Society. The Queensland Museum, Brisbane, will be publishing a special symposium volume in its Memoir series. Initial responses to preliminary notices about this meeting are in excess of 150 (27 countries). Subject areas include: aquaculture and fisheries, biogeography, palaeontology, evolution, economics, ecophysiology and behavior, fauna of special habitats, parasites, recruitment, reproduction, embryology and larval development, systematics, and ultrastructure. The conference will be held at the University of Queensland in Brisbane. In order to receive more information, please write to: Crustacean conference secretariat, UniQuest Limited, University of Queensland, St. Lucia, Qld, 4067, Queensland.

Association of Marine Laboratories of the Caribbean. The 22nd annual meeting will be held May 8-11, 1989 at La Parguera, Puerto Rico. The event will be sponsored by the Department of Marine Sciences and the Sea Grant Program of the University of Puerto Rico. Members of AMLC and of affiliated marine laboratories, investigators and students engaged in research, development, and preservation of the marine resources of the Caribbean are invited. For more information, contact Dr. Manuel Hernandez-Avila, President AMLC, Department of Marine Sciences, University of Puerto Rico, Mayaguez, PR 00709-5000, telephone 809-834-3031.

AMLC was founded in 1957. It consists of 25 marine laboratories in the greater Caribbean area that are institutional members and more than 500 individual members working in the Caribbean or who have interests in Caribbean marine science. A Proceedings is published for each meeting. Two newsletter issues are published each year. Individual membership is \$5 per year. Dues may be sent to Dr. Lucy Bunkley-Williams at the UPR address given above for Dr. Hernandez-Avila. (contributed by Dr. Ernest Williams).

North American Benthological Society. The 37th annual meeting of the NABS will be held May 16-19, 1989 at the University of Guelph, Ontario, Canada. The theme of the plenary session will be: Achievements and Challenges in Lotic and Lentic Ecology. The meeting will feature symposia, workshops and special sessions dealing with ecology of tropical and arctic streams, wetland ecology, flow hydrodynamics, the functional role of molluscs in aquatic systems, trend monitoring of benthos, and stream rehabilitation and restoration. In addition to these areas, several contributed papers and posters on aquatic and benthic organisms, communities, and ecosystems will be presented. For more information, contact: Narinder Kaushik, Department of Environmental Biology, University of Guelph, Guelph, Ontario, N26 3G1, Canada.

International Council for the Exploration of the Sea. An ICES-sponsored symposium entitled "Shellfish life histories and shell fishery models: description and modelling of life cycles for survey and management of invertebrate stocks" will be held June 25-29, 1990 on the campus of the University of Moncton, New Brunswick, Canada. Over the past fourteen years, considerable improvements have been made in the understanding of invertebrate life histories, their geographic and temporal adaptations to varying biological

and abiotic environmental conditions by new experimental as well as long term monitoring approaches both in aquaria and in the field. Simultaneously, new concepts for surveying and modelling populations of sessile and semi-sessile invertebrates have been developed taking into account mosaic effects of small scale variability in abundance, recruitment, growth and mortalities. The Symposium will consider recent advances in spatial statistics for mapping and assessing stocks, multivariate analyses for dissociating temporal from spatial factors, and numerical techniques for integrating spatial variability in disaggregated models. Initial deadlines (submission of topic titles) are in June, 1989. For more information, contact the symposium organizer Dr. Gerard Y. Conan, Marine Biology Research Laboratory, Universite de Moncton, Moncton, New Brunswick, Canada E1A 3E9.

International Symposium on King and Tanner Crabs. This symposium, sponsored by the Alaska Sea Grant Program, will be held November 28-30, 1989, at the Sheraton Hotel, Anchorage, Alaska. All researchers interested in Paralithodes, Lithodes, and Chionoecetes are urged to attend and participate in the symposium. Papers on king and tanner crabs are being solicited for presentation at the symposium and for publication in the proceedings. For further information and to submit abstracts, contact: Brenda Melteff, Coordinator, University of Alaska Fairbanks, Sea Grant College Program, 138 Irving II, Fairbanks, AK 99775-5040 (907-474-7086)

Benthic Macrocrustaceans of the Eastern Tropical Pacific, Mazatlan, Mexico, March, 1990-A REMINDER: TCS is a cosponsor of this meeting, which may prove to be very interesting, both from its content and its locale. There will be published proceedings. The registration will be kept open until August, 1989, and the abstracts are due in November, 1989. Costs from the three day meeting is expected to be \$150 U.S. for hotel and food, with a \$50 US registration fee. Michel Hendrickx is the colloquium organizer, and the U.S. correspondent for this meeting is Richard Brusca (San Diego Natural History Museum, P.O. Box 1390, San Diego, CA 92112) from whom may get preregistration forms and information. (George Wilson, TCS Program Officer).

LUMCON 1989 SUMMER PROGRAM OF COURSES

Summer courses available for credit through Louisiana's state universities are offered at the Louisiana Universities Marine Consortium. Summer courses are at the LUMCON Marine Center in Cocodrie, with additional use of facilities at the Port Fourchon Field Laboratory at Grand Isle. Excellent opportunities exist for field work, oceanographic research training cruises, and laboratory experiments at the LUMCON facility which features a large seawater system. Five-week courses offered this summer are: Introduction to Marine Zoology, Marine Ecology, Marine Vertebrate Zoology, Marine Environmental Chemistry, and Marine Science for Teachers (offered at the University of New Orleans). In addition, shorter two-week courses will be carried under Topics in Marine Science, specifically, Wetland Vegetation, Coastal Erosion/Wetlands Loss, Laboratory Culture of Marine and Estuarine Organisms, Ecology of Estuarine and Coastal Water Columns, and Louisiana Field Geology. Directed undergraduate or graduate research and study are available by arrangement with a member of the senior scientific staff. For further information, call 504-851-2800 or write to Summer Program, LUMCON, Chauvin, LA 70344 (submitted by Nancy Rabelais).

NEW LITERATURE OF INTEREST

King Crab Bibliography. Elliot W. Dawson of the New Zealand Oceanographic Institute has compiled a bibliography of over 3,000 entries on lithodid crabs. This reference lists references on pertaining to lithodid identification, biology, commercial fishing, processing, and marketing. It includes annotations and comments on difficult-to-locate publications, a comprehensive geographic coverage of species and fisheries, a detailed index of species, distributions, and subject matter, a listing of the 94 known species of king crabs with synonyms and common names. The title is "King crabs of the world and their fisheries--a comprehensive bibliography." No price information is available. Please contact the Publication Officer, New Zealand Oceanographic Institute, Division of Water Sciences, DSIR, Private Bag, Kilbirnie, Wellington, New Zealand.

Biology of Stomatopods. Enrico Ferrero, University of Trieste, Italy, has announced that a 300 page paperback entitled "The Biology of Stomatopods" will be published soon. This multiauthored volume, edited by E.A. Ferrero, R.B. Manning, M.L. Reaka, & W. Wales, is primarily based on presentations given at the 1st International Workshop of Stomatopod Biology that was held in Trieste in September, 1985. Individual or institutional orders must be sent to: Mucchi Editore, C.P. 64 Centro, I-41100 Modena, Italy.

Aspects Recents de la Biologie des Crustaces. Yves Le Gal and Alain Van Wormhoudt, editors. This volume aims to survey some of the recent advances in the biology of Crustacea presented during the 10th meeting of Carcinology in June 1987 at the Marine Station of the College de France in Concarneau. Papers deal with five major themes: morphogenesis and development, hormones and metabolism, physiology, populations, and exploitation of living resources. This volume should appeal to those interested in biology and ecology of crustaceans as well as to those more directly involved in the the management of living resources.

NOTES FROM ECDYSIAS EDITOR

I have been putting a copy of some illustration dealing with crustaceans or the society on the mailing cover of each Ecdysiast. If readers would like to send a drawing or illustration dealing with crustaceans, original or otherwise, to adorn the outside of the Ecdysiast, I'd greatly appreciate and acknowledge it. I'd also like to thank those who send in items to the Ecdysiast and would encourage you (and others) to continue doing so.

FLYER PROMOTING NEW TCS MEMBERSHIP AND JCB SUBSCRIPTIONS

The last page of the Ecdysiast is a flyer promoting membership and new subscriptions. Please send this on to your library if it does not carry JCB, post a copy around your department, and pass copies on to other colleagues and graduate students.

THE CRUSTACEAN SOCIETY

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IMPORTANT NOTICE

During its TENTH ANNIVERSARY PROMOTION (through December, 1990) The Crustacean Society will:

1. include two volumes of back issues of THE JOURNAL OF CRUSTACEAN BIOLOGY **FREE** with any new institutional subscription to the Journal and will

2. offer all other back issues for a total of \$200.

With this offer, new subscribers will be able to acquire a complete set of the JOURNAL OF CRUSTACEAN BIOLOGY for \$275, a significant SAVING of \$200.

Your library should mention the TENTH ANNIVERSARY PROMOTION in order to insure that it takes full advantage of this offer.

Make a Positive Contribution to
 the Advancement of Crustacean Studies

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receive the society newsletter, THE ECDYSIASST; have the opportunity of submitting manuscripts for publication in JOURNAL OF CRUSTACEAN BIOLOGY, an international peer-reviewed journal publishing research articles, invited reviews, book reviews, short biographies of famous crustacean workers, and notices of interest to crustacean biologists; may participate in the annual meeting held with the American Society of Zoologists, and may participate in special meetings held in various places around the world co-sponsored with other scientific organizations.

THE CRUSTACEAN SOCIETY
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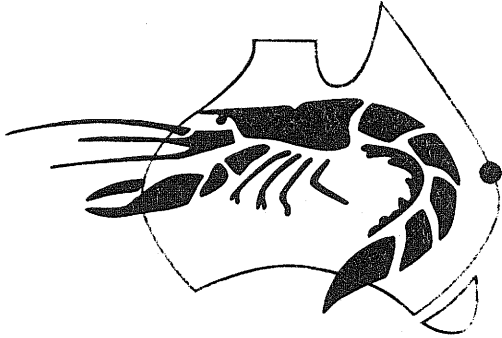
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