



THE ECDYSIAST

Newsletter of the Crustacean Society

ECDYSIAST VOLUME 12, NUMBER 1

MAY, 1993

FROM THE PRESIDENT'S DESK

The 1992 winter meeting of The Crustacean Society, with the American Society of Zoologists, took place last December in Vancouver, British Columbia, amid snow flurries and Christmas season cheer. The Crustacean Society sponsored a symposium on the physiological adaptations of isopods to terrestrial life, organized by M.A. Alikhan (Laurentian University, Sudbury). Our Program Officer and local TCS representative, Bob Elner, arranged for a wonderful Society dinner at a local Japanese restaurant and karioki bar, where each family-style table was piled high with platters of meat, veggies, fish, and most importantly, crustaceans. The only thing lacking from this fine fare was *Bathynomus* tails! The crusty crew cooked their carcinological delights in sunken hot oil "fondue pits," and then ate and drank Kirin until they molted.

The annual winter board and business meetings took place, and several important issues were addressed. In summary, under the careful financial guidance of treasurer Denton Belk, your Society is fiscally sound and continuing to invest and carefully plan for future rising costs of doing business. Your journal, the *Journal of Crustacean Biology*, continues to rank among the best scholarly journals in the world, thanks to the conscientious (and volunteer!) efforts of Ace-editor Arthur Humes.

One the important resolutions passed at the winter meeting was the establishment of new optional membership categories, at higher levels than that of the regular subscribing membership. The Society's membership categories are now as follows:

Subscribing Member:	\$50
Supporting Member:	\$75
Sustaining Member:	\$100
Patron:	\$150

I would like to take this opportunity to *strongly urge* all TCS members to consider these new higher categories when they renew their Society membership. Costs are rising dramatically for the Society, especially those associated with publishing your journal and running the business office. Additionally, the Society would like to be better able to support TCS-related symposia at our annual meetings and at other meetings co-sponsored by TCS. To assure that we are able to continue to grow in quality, coverage,

From The President's Desk (cont)

influence, and to keep from being forced to increase dues and/or page charges in JCB, it is especially important that you consider these new higher membership categories. Sustaining members and patrons will be listed in JCB.

TCS 1993 Winter Meetings in Los Angeles, California

Bob Elner, TCS Program Officer, reminds us that the annual meeting of TCS will be held in conjunction with the ASZ meetings in Los Angeles, California, December 27-30, 1993. Three (!) TCS-sponsored symposia will be featured:

1. "Maxillipoda: Relationships and Homologies" organized by Anne C. Cohen, Natural History Museum of Los Angeles County, 900 Exposition Blvd., Los Angeles, CA 90007 (Ph: 213-744-3473).
2. "Biology of the Branchiopoda" organized by Joel W. Martin, Natural History Museum of Los Angeles County, 900 Exposition Blvd., Los Angeles, CA 90007 (Ph: 213-744-3440).
3. "Physiology and Adaptation in Crayfish" organized by Brian R. McMahon, Dept. Biology, University of Calgary, Alberta T2N 1NR, Canada (Ph: 403-289-9311) (Sponsored by TCS and the ASZ Divisions of Comparative Physiology and Biodiversity, Invertebrate Zoology).

.....as well as contributed papers and posters on issues crustacean.

In addition, there will be the TCS Dinner/Social plus various business meetings. Details will be announced in the fall issue of the *Ecdysiast*; in the meantime, Bob Elner, Program Officer (Ph. 604-946-8546; fax 604-946-7022; E-mail: usercrab@mtsg.ubs.ca) may be able to assist if further information is required. PLEASE BE REMINDED: Unless you are an ASZ member, you will not automatically receive Abstract and Registration forms for the Los Angeles meeting. So, if you are not an ASZ member and want to attend the meeting, write or call the ASZ office (American Society of Zoologists, 401 N. Michigan Avenue, Chicago, IL 60611-4627; phone: 312-527-6697; fax 312-527-6640).

Workshop on Crustacean Biodiversity

Joel Martin, Natural History Museum of Los Angeles County, is organizing this Workshop to discuss the ongoing Crustacean Biodiversity Survey project. He hopes to hold the workshop at the Natural History Museum in conjunction with a tour of that facility

Workshop on Crustacean Biodiversity (cont.)

and its crustacean collections (which include the extensive Allan Hancock Foundation holdings). Several field trips are being planned for meeting days and possibly for the day immediately following the meetings. These include trips to ephemeral pond habitats of the Santa Rosa Plateau and to vernal pools of the Mojave Desert, a nearshore collecting cruise aboard the R/V La Mer, a trip to the incredibly rich tide pools of the Pt. Fermin Refuge, and a tour of the nearby Cabrillo Marine Museum with its 55 aquaria of southern California marine life. All of the above are tentative: watch for further developments and details in the fall issue of the *Ecdysiast*.

Best Student Paper Presentation Award

Attention graduate students, recent graduates (within one year of graduation), and undergraduates. Are you presenting a contributed or symposium paper at the joint annual meeting of The Crustacean Society and the American Society of Zoologists in 1993? If so, you are eligible for the best student paper presentation award! The paper must be based primarily on your own work although co-authored papers are eligible upon approval by the Awards Committee.

General evaluation criteria include originality and innovation of the work, contribution to furthering knowledge of crustacean biology, technical presentation (clarity, organization, use of visual aids etc.), and response to questions. These criteria are applicable both to works in progress and finished products. The award consists of a certificate and a free one-year subscribing membership to The Crustacean Society. In addition, there is an announcement of the award in the society journal. Look for further information in upcoming issues of the *Ecdysiast* and *JCB*.

Special Announcement

Rick Brusca announces that the **best crustacean tatoos in the country are now available**, based on illustrations from *Invertebrates* (Brusca & Brusca, 1990, Sinauer Associates Publ.), with tattooing by Slade Fiero, tattoo artist *par excellence*. Next time you're in Davis stop by the Tattoo Zoo, 1107 Olive Dr., Davis, CA 95616 (916-753-1948).

Preliminary Announcement

Crustacean Society Second Summer Meeting

22-25 June, 1994

Portland, Maine, U.S.A.

Contributed paper themes for the meeting will include: importance of crustaceans to biodiversity studies, historical biogeography, feeding and digestion, and sensory biology. Additional themes or symposia are welcome if accompanied by a potential list of speakers. Both poster and oral papers will be accepted.

Portland is a beautiful coastal Maine city with a deep-water harbor and many fine restaurants, museums, etc. The meeting will be held at the Holiday Inn, which has reserved a block of rooms at a discounted rate. The meeting dinner will be a Down-East Lobster and Clam Bake and following the meeting we will host a tour of the Maine coast and visit the Darling Marine Center.

If you would like to receive further announcements, please fill out the form below and mail to:

Les Watling
Darling Marine Center
University of Maine
Walpole, ME 04573

Date: _____

Name: _____

Address: _____

Theme(s) of interest: _____

Report from the European Regional Governor

Geoffrey Boxshall relates that the First European Conference was held in Pries from August 31 to Sept. 5, 1992. It was a very large and successful meeting organized by the Museum National d'Histoire Naturelle, the Université Pierre et Marie Curie, and the Ecole Normale Superieure under the chairmanship of Pierre Noël. The total attendance was 452, making this probably the largest specialist meeting devoted to Crustacea in history. The great majority (365) of participants came from Europe there were also 40 from the Americas, 14 from Africa, 19 from Asia, and 14 from Oceania. There were 180 oral presentations and 175 posters, including those presented in organized workshops on topics such as "Mediterranean Decapods," "Thalassinids" and "Biology and Control of Sea Lice." The decision was taken to organize a Second European Conference. It will be held at Liège, Belgium in 1995 and will be organized by Dr. M. Pequeux. Notice was also given of the proposed meeting on Decapods in Germany from Oct. 18-22, 1993 (contact Michael Türkay at the Seckenberg Museum, Senckenberganlage 25, D W6000 Frankfurt a. M.-1, Germany (fax: 004969-746238).

Astacology Conference in Australia

Dr. Mike Geddes announces the 10th International Association of Astacology Symposium in Adelaide in April, 1994. Please contact Dr. Geddes at the Department of Zoology, University of Adelaide, GPO Box 498, Adelaide, South Australia 5001 (tel: 08-228-533; fax: 08-223-5817; telex: UNIVAD AA 89141).

Global Database for Microstructures

Dirk Platvoet (Institute for Taxonomic Zoology, Zoological Museum, University of Amsterdam, P.O. Box 4766, 1009 AT Amsterdam, The Netherlands; fax:020-525-7238) reports that the Expertise Center for Taxonomic Identification (ETI) was established in Amsterdam in 1992. The aim of ETI is the concentration, preservation, and worldwide (re)distribution of taxonomic knowledge using modern computer database techniques. Dr. Platvoet states: "While working with an electron microscope on crustaceans, I realized that knowledge on microstructures is limited and widely scattered. By using ETI software it is possible to start a database on microstructures which can be made available to everyone with an ordinary PC (MacIntosh, IBM compatibles, Unix). Therefore, I would like to invite colleagues to send me their photographs or drawings of microstructures with necessary data. These will be entered in the databank and returned. The size of the photographs should

Microstructure Database (cont)

preferably be 8 x 10 inches (20 x 25 cm) but other formats as well as slides and negatives can be used." Be sure to contact Dr. Plavoet for further information.

Amphipod Monograph Available

"The families and genera of marine gammaridean Amphipoda (except marine gammaroids)" by J.L. Barnard and G.S. Karaman was published in Records of the Australian Museum, supplement 13, parts 1 & 2, 866 pages, 1991. Until now this publication was available only from the Australian Museum. Now it can be purchased from the National Museum of Natural History, Smithsonian Institution, for \$100. Only prepaid orders in US dollars (check or money order) can be accepted. Orders should be sent to: Barnard Monograph, IZ-NHB 163, Smithsonian Institution, Washington, DC 20560, USA.

Shellfish Glossary

G.N. Cherry (35 Marine Parade, Eastbourne, E. Sussex, BN22 7AY, England) has compiled and published a glossary of some of the shellfish traded and consumed in Europe, together with an interpretation of their scientific names, including 37 Crustacea, 18 Gastropoda, 47 Bivalvia, 14 Cephalopoda, and 2 Echinodermata. Price is £10 sterling plus packing and postage [all Europe: £2; Zone 1 (USA etc.): £3.5; Zone 2 (NZ etc.): £3.75]. Direct orders to G.N. Cherry at the address given above.

Passing of a Colleague

Jean-Marie Huron of the Camarons Hatchery Co. (Mauritius, Indian Ocean) informs us that Dr. Rogene Thompson passed away recently. Dr. Thompson was the person who initiated freshwater prawn culture and its subsequent development to its present state in Mauritius.

Results of Fall, 1992 TCS Elections

TCS President-Elect Les Watling reported that 102 ballots were received, with about 40% received from outside the U.S.A. The following individuals were re-elected: Denton Belk, Treasurer; Frank Barnwell, Secretary; Dorothy Skinner, North American Governor; and Geoffrey Boxshall, European Governor. The current slate of TCS officers and regional governors is given below:

OFFICERS OF THE SOCIETY

President Richard Brusca
San Diego Natural History Museum
P.O. Box 1390
San Diego, CA 92112
(619-232-3821; fax-0248)

President-Elect Les Watling
University of Maine
Darling Marine Center
Walpole, Maine 04573
(207-563-3146; fax-3119)

Treasurer Denton Belk
840 E. Mulberry
San Antonio, Texas 78212
(512-732-8809)

Secretary Frank Barnwell
Dept. of Ecol. and Evolution
University of Minnesota
318 Church ST. SE
Minneapolis, MN 55455
(612-625-8689)

JCB Editor Arthur G. Humes
Boston Univ. Marine Program
Marine Biological Laboratory
Woods Hole, MA 02543
(617-548-3705, x208)

Program Chair Robert W. Elner
Canadian Wildlife Service
P.O. Box 340
Delta, British Columbia
V4K 3Y3, Canada
(604-946-8546; fax-7022)

Past-President Paul A. Haefner, Jr.
Dept. of Biology
Rochester Institute of Technology
P.O. Box 9887
Rochester, New York 14623
(716-475-5143)

REGIONAL GOVERNORS

North America
Dorothy M. Skinner
Division of Biology
Oak Ridge Nat. Lab.
P.O. Box Y
Oak Ridge, TN 37380

South America
Albertina Kameya
Instituto del Mar del Peru
Callao, Peru

TCS Regional Governors (cont)

Europe

Geoffrey Boxshall
British Museum, Natural History
Cromwell Road
London SW7 5BD
England

Asia

Yasuhiko Miya
Inst. Biology, Nagasaki Univ.
1-14 Bunkyo-Machi
Nagasaki 852
Japan

Indo-Pacific Governor

James K. Lowry
The Australian Museum
6-8 College St.
Sydney South
New South Wales
Australia

Publication Announcement

Title
Proceedings of the International Symposium on King and
Tanner Crabs

AK-SG-90-04, 1990

633 pages, numerous technical illustrations and tables

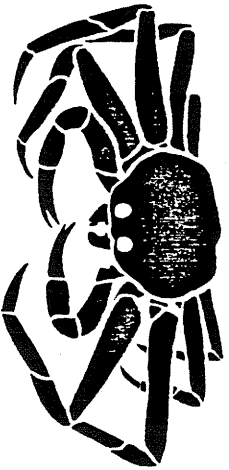
Project No. A/75-01

Topic
Fisheries biology, Fisheries management

Audience
Biologists, Crab fishery managers, Policy makers

Price
\$14.00

Summary
King and tanner crabs, which declined markedly in the Bering Sea during the early 1980s, were the subject of a symposium that took place November 28-30, 1989 in Anchorage, Alaska. More than 100 scientists from Argentina, Japan, Canada, and the United States met to discuss king and tanner crabs, and several Soviet scientists made their papers available for the proceedings of the symposium. Fifty-three papers are included in the proceedings, plus a summary of a general workshop discussion. Topic areas covered by presented papers include reproduction, life history, feeding and growth, population structure and dynamics, mortality, and stock assessment and management.



To:
Communications Department
Alaska Sea Grant College Program
University of Alaska Fairbanks
138 Irving II
Fairbanks, AK 99775-5040

Title of Publication
Proceedings of the International Symposium on King and
Tanner Crabs

AK-SG-90-04

**Mailing
Address**

**Ordering
Information**

Quantity: _____ **Amount Enclosed:** _____
Send check, money order, or purchase order payable to Alaska Sea Grant.



Alaska Sea Grant College Program

University of Alaska, 138 Irving II, Fairbanks, Alaska 99775-5040 (907) 474-7086

Symposium Announcement

**BLUE CRAB RECRUITMENT -
ENVIRONMENTAL CONTROL AND POPULATION REGULATION**

held in conjunction with

**THE 12TH BIENNIAL INTERNATIONAL
ESTUARINE RESEARCH FEDERATION CONFERENCE
HILTON HEAD, SC
14-18 NOVEMBER 1993**

The symposium will stress an understanding of processes that affect variation in abundance of the blue crab, an estuarine-dependent species. Emphasis will be on environmental controls, such as stochastic events associated with transport and settlement of pre-recruits at local and regional scales, and density-dependent processes, such as predation, cannibalism, and reproductive output. Abstracts of current research related to the symposium theme are due by 16 April 1993. Persons seeking further information about the symposium should contact either of the co-convenors:

Geno Olmi
Virginia Sea Grant College Prog.
Madison House, 170 Rugby Rd.
Charlottesville, VA 22903
phone: 804-924-5965
fax: 804-982-3694
INTERNET: geno@virginia.edu
OMNET: W.RICKARDS

Bob Orth
Div. Biological Oceanography
Virginia Inst. Marine Science
Gloucester Point, VA 23062
phone: 804-642-7392
fax: 804-642-7097
INTERNET: jjorth@vims.edu
OMNET: R.ORTH

