



THE ECDYSIAST

Newsletter of the Crustacean Society

ECDYSIAST VOLUME 3 NUMBER 2

JOURNAL EXCHANGE:

You are all probably aware that there are many crustacean workers in eastern block countries who are interested in participating in the society but who can not readily do so because of currency restrictions. We would like to develop an exchange program to help remedy this. We need society members to come forward and offer to pick up a \$30 foreign membership. We would then link this to a specific colleague in the Soviet Union or other eastern country. That colleague would then subscribe to one of his/her journals (e.g., Doklady Academia Nauk or the Zhurnal Obshchei Biologii) for the western counterpart. Thus, for the price of an extra membership you can help the society financially, get our journal and publications to parts of the world that would normally not receive them, and receive a journal which might not be readily available to you. The foreign publication may also be donated to your own library so that others may benefit from it. If you are interested in participation, please send your check to the Society Business Office marked SPECIAL MEMBERS EXCHANGE, and we will seek to link you with a specific colleague abroad.

ELECTION NOMINATIONS

That time has finally come around again. According to the present constitution, nominations for officers must be presented to the general meeting which will be held in Denver, Colorado in December, 1984. If you wish to nominate someone (colleague, friend, enemy, lover, etc.) for the offices of PRESIDENT-ELECT, GOVERNOR-AT-LARGE (DOMESTIC, i.e., USA), TREASURER, SECRETARY, or PROGRAM OFFICER, please submit such names to FREDERICK R. SCHRAM, Natural History Museum, P.O. Box 1390, San Diego, CA 92112.

Addresses:

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IZ-NHB-W323
SMITHSONIAN INSTITUTION
WASHINGTON, DC 20560

BOOK ORDERS

To all members who may have ordered a prepublication copy of CRUSTACEAN ISSUES VOL. 2: "Crustacean Growth": the publication schedule has been altered and two volumes on this subject will appear. Those wishing to have a refund on their money should request same from the society business office. If you do not make such a request, the funds will automatically be applied towards the new price to be set by the publisher this summer. In the future we will not be taking prepublication orders on books.

The membership discount book program is one of your most valuable benefits of TCS allegiance. Our book list is being constantly revised. If you wish to place some books on the list, convey the title to Frederick Schram (see address above). We cannot guarantee participation in the program, but we can attempt to get publishers to participate.

PUBLICATIONS BY MEMBERS

A GUIDE TO THE SHRIMPS, PRAWNS, LOBSTERS, AND CRABS OF MALAYSIA AND SINGAPORE, by Donald L. Lovett, 1981. Occasional Publication No. 2, Faculty of Fisheries and Marine Science, Universiti Pertanian Malaysia, 156 pp.

The book includes illustrated keys to all families of Stomatopoda, Mysidacea, Euphausiacea, and Decapoda reported from the area. Keys to most genera are provided. Illustrated keys to the species found in the area are provided for the following groups: Xiphosura, Stomatopoda, Penaeidae (Sicyoninae, Solenocerinae, Aristaeninae), Macrobrachium, Majidae, and Portunidae. Notes on the distribution, abundance, habitat, depth ranges, commercial importance, and local common names are provided. Keys and information extracted from regional "gray" literature are also included. Further information on the guide may be obtained from: Donald L. Lovett, Dept. of Biology, Univ. of Louisiana, U.L. P.O. Box 42451, Lafayette, LA 70504

Copies may be obtained by sending \$15.00 US, payable to the Bursar, Universiti Pertanian Malaysia to:
Dean, Faculty of Fisheries and Marine Science
Universiti Pertanian Malaysia
Serdang, Selangor
WEST MALAYSIA

CHALLENGE QUESTION OF THE ISSUE

Gonochoristic means:

- A. failure of gonads to mature
- B. precocious gonad development
- C. bisexual
- D. hermaphroditic
- E. gametic

The answer may be found on page 3.

EL CANGREJO DE MANGLAR UCIDES CORDATUS EN LA REPUBLICA DOMINICANA, by Mayra Garcia and Idelisa Bonnelly de Calventi, 1983. This is a 51-page booklet published by the Universidad Autonoma de Santo Domingo. It includes a description of the species as well as its ecology and biology. The research was supported in part by the Organization of American States. Copies may be obtained by writing to:

I. B. de Calventi, Director
Facultad de Ciencias
Centro de Investigaciones de Biologia Marina
Universidad Autonoma de Santo Domingo
Santo Domingo, REPUBLICA DOMINICANA

AN ANNOTATED CHECKLIST OF THE ALPHEID SHRIMP FROM THE WESTERN INDIAN OCEAN, by Albert H. and Dora M. Banner, 1983. Travaux et Documents de l'ORSTOM no. 158, 164 pages. It is available for 50 francs from:

Service Central de Documentation de l'ORSTOM
70 route d'Aulnay
93140 Bondy
FRANCE

COMMON INTERTIDAL INVERTEBRATES OF THE GULF OF CALIFORNIA, 2nd. Ed., by R. C. Brusca, 1980. This 513 page volume, which includes keys, descriptions, and discussions of approximately 1300 shallow water marine invertebrates from the Sea of Cortez, is lavishly illustrated (340 illus., 243 black and white photos, 31 in color). It contains an extensive bibliography for tropical east Pacific in general, and a scheme of intertidal zonation for the Gulf of California. Univ. of Arizona Press, Tucson, AZ.

A NATURALIST'S SEASHORE GUIDE. COMMON MARINE LIFE OF THE NORTHERN CALIFORNIA COAST AND ADJACENT SHORES, by G. J. and R. C. Brusca, 1978. This 205-page guide to coastal animals, with emphasis on invertebrates ranging from Canada to central California, is available from Mad River Press, Eureka, CA.

A GUIDE TO THE MARINE ISOPOD CRUSTACEA OF PACIFIC COSTA RICA, by R. C. Brusca and E. Iverson, 1984 (in press). This will be a special number of Revista Biologia Tropical (Universidad de Costa Rica), and will include a general discussion of Pacific coastal oceanography and marine biology of Costa Rica and Central America.

NOTICE TO MEMBERS We will advertise your publications in this newsletter, but it will help all of our readers if you send us complete information including publisher, city, zipcode, price, preferred method of payment, and the institution or person to whom checks should be made payable.

MEETINGS

22 JULY - 1 AUGUST 1984: JAPAN

The International Symposium on Indo-Pacific Plankton will be held at Shimizu Campus of Tokai University and Institute of Oceanic Research and Development. Contact David H. Montgomery, Biol. Sci. Dept., California Polytechnic State Univ., San Luis Obispo, CA 93704

13 - 17 AUGUST 1984: CHENEY, WASHINGTON

The Animal Behavior Society is planning a special session celebrating their 20th Anniversary. Contact Steven B. Christopher, Dept. of Psychology, East Washington Univ., Cheney, WA 99004

13 - 17 AUGUST 1984: OTTAWA, ONTARIO, CANADA

Conference on Copepoda, Biogeography, Behavioral Ecology, Growth and Culture, Morphology, Phylogeny. Contact Ian Sutherland, Nat'l. Museum Nat. Sci., Invertebrate Zoology Div., Ottawa, Ontario, CANADA KIA OMB

3 - 6 SEPTEMBER 1984: TEXEL, THE NETHERLANDS

Nutrients in Estuaries. Contact Dr. J. Coosen, Delta Instituut Voor Hydrobiologisch, Onderzoek, Vierstraat 28, 4401 EA, Yerseke, THE NETHERLANDS

9 - 11 OCTOBER 1984; ANCHORAGE, ALASKA

Symposium on Dungeness Crab Biology and Management. Contact Brenda Melteff, University of Alaska Sea Grant, 590 University Ave., Suite 102, Fairbanks, Alaska; (907) 474-7086

25 - 26 OCTOBER 1984: EDINBURGH, SCOTLAND

Fossil Arthropods as Living Organisms. Contact Meetings Secretary, Royal Soc. of Edinburgh, 22-24 George St., Edinburgh, EH2 2PQ, SCOTLAND

29 - 31 OCTOBER 1984: MERIDA, YUCATAN, MEXICO

Biogeography of Central America. Sessions on plants, animals and human geography as well as diseases, vectors and cultivars. Contact Luis Diego Gomez, Mus. Nacional, Apartado 749, San Jose, COSTA RICA, or Arthur L. Welden, Dept. Biology, Tulane Univ., New Orleans, LA 70118

27 - 30 DECEMBER 1984: DENVER, COLORADO

The Crustacean Society and American Society of Zoologists. Contact Mary Wiley, Executive Officer, ASZ, Box 2739 California Lutheran College, Thousand Oaks, CA 91360; (805) 492-3585

MARCH 1985: BARCELONA, SPAIN

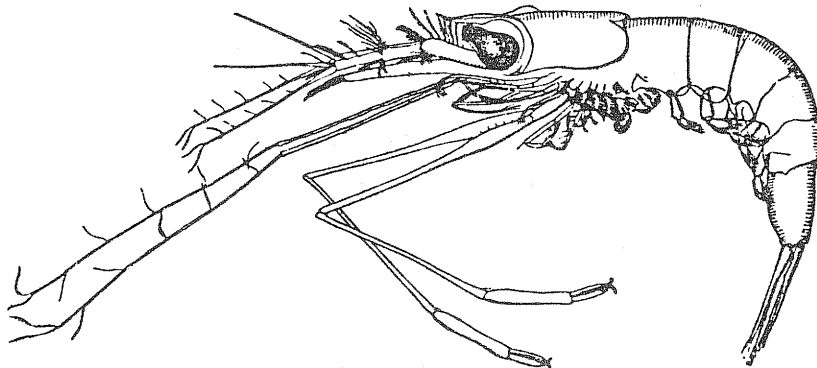
III Colloquium Crustacea Decapoda Mediterranea. This colloquium is to be held in the Instituto de Investigaciones Pesqueras de Barcelona. Topics include systematics and zoogeography, resources exploitation (fisheries, mariculture, artificial reefs, etc.), growth, reproduction, physiology, fecundity, larvae, etc., communities, distributions, trophic chains, pollution, feeding, etc. Contact C. S. I. C., Instituto de Investigaciones Pesqueras, PASEO NACIONAL, BARCELONA, SPAIN; Telef. 310 64 50

SEGMENTS AND SENSILLAE

The Directory of Women in the History of Science, Medicine and Technology is being revised. The new directory is to reflect an international community and will include women historians who are not members of the Society for the History of Natural History. Any member of the SHNH who would like to be included is invited to complete a questionnaire available from Prof. Alice Stroup, Dept. of History, Bard College, Annandale-on-Hudson, NY 12504.

The Center for Environmental Studies at Arizona State University is interested in publishing a newsletter dedicated to computer software and applications for the natural sciences. It would be published quarterly and would contain reviews of scientific software and other features. If you are interested in receiving the newsletter or would be willing to serve as a reviewer for new software and documentation, call or write Diana J. Gabaldo, CES, Arizona State Univ., Tempe, AZ 85287; (602) 965-3051.

Bibliofile Computer Programs make scientific bibliographies and are compatible with any CP/M-80 text editor/word processor. See Immunol. Today 4:271 for more information or write Power Tools, 48 Hunter's Hill Circle, Amherst, MA 01002, or call (413) 256-0751.



The Crustacean Society has received word of the founding of a new organization, THE AMERICAN ASSOCIATION FOR ZOOLOGICAL NOMENCLATURE. Ellis L. Yochelson is serving as President of the group, which is presently based in the National Museum of Natural History, Smithsonian Institution, Washington, DC 20560. Yochelson is hopeful that his organization will serve as the American distributors of the International Code of Zoological Nomenclature which will be published this year. Their aim is to use this new edition of the Code as a vehicle to stimulate interest in nomenclature, one of the fundamental tools in the study of zoology. Interested Crustaceologists should contact AAZN for more information.

CARIDEA REQUESTED

Martin Lindsey Christoffersen is currently reconstructing synapomorphy schemes (cladograms) for the caridean shrimps, with initial emphasis of the phylogeny of the Hippolytidae and Alpheidae. He would like to receive world-wide samples (except tropical western Atlantic) of species of the aforementioned families for comparative studies. He would be most appreciative if you can send him preserved samples of common carideans from your region. If you are in doubt as to what to send, consult Holthuis, 1955, Zool. Verh., No. 26:1-157 for a list of genera. He has indicated willingness to provide others with common Crustacea from the tropical Brazilian coast, or to identify shrimps of the Alpheoidea. Specimens may be sent to him at Universidade Federal da Paraíba, Departamento de Sistemática e Ecologia, 58.000, João Pessoa, Paraíba, BRAZIL.

ASSOCIATE MEMBERSHIP

You may recall that the last issue of The Ecdysiast carried an announcement of a new class of membership, and that it was made available to members of THE WORLD MARICULTURE SOCIETY. The January 1984 issue of that society carried the announcement. Associate membership is available to those members of the WMS who present evidence of current standing in that organization. For crustaceologists who need more information about WMS, write to Frank S. Taylor, Editor, Marine Resources Research Inst., P.O. Box 12559, Charleston, SC 29412.

