



# THE ECDYSIAST

Newsletter of the Crustacean Society

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VOLUME 4, NUMBER 1

JANUARY, 1985

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## BOARD OF GOVERNORS' MEETING

The Society's Board of Governors met 1 October 1984 at the Bermuda Biological Station. Bill Hart reported that the Society's finances are status quo from last year. According to Arthur Humes, the level of rejection of papers to the Journal is holding steady at 20%, but a backlog of papers is imminent. The Board authorized the editor to increase the number of pages per issue to 180 to offset this problem. Other decisions affecting the journal and the membership include the reduction of print runs to reduce the problem of storing surplus issues, appointment of new members to the editorial board, discouraging the publication of papers involving the description of single new species, reassertion of the requirement that all authors be members of the Society, refusal to accept rebuttal papers unless new data are included, and establishing a position of backup editor. The pro's and con's of holding a meeting at some time other than the last week of December were discussed. The membership will be polled in the near future. The Society will have to cover more of the mailing costs for the newsletter in the near future. The membership list will be shifted to Allen Press, the Journal's publisher. This will facilitate getting printed versions of the list to the membership on a regular basis, as well as improve all future mailings. The Board recognized the NEED TO INCREASE THE SIZE OF THE BOARD OF GOVERNORS AND TO REASSIGN DUTIES. This will include the creation of several NEW FOREIGN GOVERNORS: one each for ASIA, SOUTH AMERICA, AUSTRALIA/NEW ZEALAND, EUROPE. They will, in combination with their domestic counterparts, be placed in charge of MEMBERSHIP DEVELOPMENT in their respective regions. The terms of the officers and governors will be staggered to permit only one-half of the positions to be elected each year. An award recognizing life-time achievement in carcinology will be established. It will be awarded on a regular basis and will be mediated by a structured committee.

## INTERIM SECRETARY AND ECDYSIAST EDITOR

Bruce Felgenhauer at Florida State University will be serving as interim Secretary of the society from 1 March to 1 September while Paul Haefner is in The Netherlands on Sabbatical. Haefner will be conducting research with Dirk Spaargaren at The Netherlands Institute for Sea Research (NIOZ) under the auspices of a Fulbright Award. Following receipt of this newsletter, all correspondence concerning the Ecdysiast as well as any other secretarial business should be directed to Bruce.

## COLLEGE FOOTBALL AND THE CRUSTACEAN SOCIETY

Those of you who watch college football on TV might have recognized the President of the Society in the Florida State University halftime program. He really looks good in the classroom, don't you think? It is too bad that he wasn't wearing his inaugural tee-shirt!

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## ADDRESSES:

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NEWSLETTERS OF NOTE

The newsletter for ostracode workers, the Ostracodologist, has been supplanted by a more expanded, more representative, and more widely distributed publication, the Cypris. It is edited by Karl Wauters, Koninklijk Belgisch Instituut voor Natuurwetenschappen, Vautierstraat 29, B-1040 Brussels, Belgium. It is published each spring.

The Association of Systematics Collections publishes a newsletter which reaches systematists in a variety of disciplines. George R. Pisani, Editor, Assoc. of Systematics Collections, Museum of Natural History, Univ. of Kansas, Lawrence, KS, 66045 (Tel. 913 864-4867) invites articles on curatorial techniques, software for museums, etc. The publication is typeset, and is issued 6 times per year.

Deep Sea Newsletter. There are 10 correspondents and distributors of this newsletter, representing 10 countries.

Dr. Eric L. Mills, Inst. Oceanogr., Dalhousie Univ., Halifax, Nova Scotia, B3H 4J1.

Dr. R. R. Hessler, Scripps Inst. Oceanogr., A-002, La Jolla, CA 92093.

Dr. Tony Rice, Inst. Oceanogr. Sci., Wormley, Godalming, Surrey GU8 5UB,

Dr. M. Horikoshi, Ocean Res. Inst., Univ. Tokyo, Minamiday 1-15-1, Nakano-ku, Tokyo 164.

Dr. Nina Vinogradova, Inst. Oceanol., Acad. Sci., 23 Krasikova St., Moscow 117218.

Prof. J.-O. Stromberg, Kristineberg Mar. Biol. Sta., s-450 34 Fiskebackskil.

Dr. Lucien Laubier, Centre Nat. l'Explor. Oceans, 66, Ave d'Iena, F-75116 Paris.

Dr. H. Thiel, Univ. Hamburg, Inst. Hydrobiol. Fischereiwiss., Zeiseweg 9, D-2000 Hamburg 50.

Dr. Jaap van der Land, State Mus. Nat. Hist, Raamsteeg 2, Leiden.

Dr. T. Brattegard, Biol. Sta., Univ. Bergen, N-5065 Blomsterdalen.

PUBLICATIONS BY MEMBERS

Freiberg, M. and J. G. Walls. 198?. The world of venomous animals. T.F.H. Publ., Neptune, NJ, 192 pp.

Jones, Malcolm B. 1983. Animals of the estuary shore. Univ. of Canterbury Publ. No. 32, 162 pp. The guide includes keys, 140 line illustrations and ecological information for the invertebrates and birds of a New Zealand estuary. Send NZ\$7.50 plus NZ\$0.50 for postage and handling to Dept. of Zoology (Attn. The Secretary), Univ. of Canterbury, Private Bag, Christchurch, New Zealand. Payment, in advance, by check made out to University of Canterbury, or by money order in \$NZ, please.

Martens, Koen. 1984. Annotated checklist of non-marine ostracods Crustacea, Ostracoda from African inland waters. Koninklijke Mus voor Midden-Afrika Tervuren-Belgie, Zool. Dok. N20, 51 pp. Order from Patrimonium van het Koninklijk Museum voor Midden-Afrika, 1980 TERVUREN, Belgium at 250.-Bfr. per copy. Postal Account 000-2007023-93., same address.

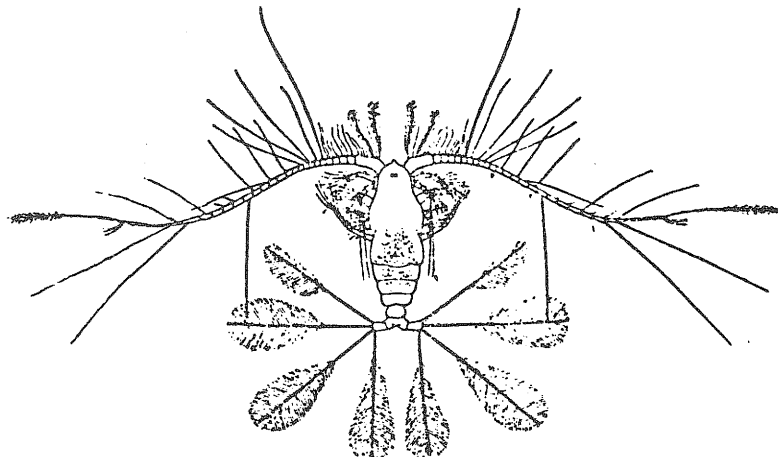
THE OUTSTANDING PAPER AWARD

Denton Belk, who chairs the society's committee charged with selecting the annual outstanding paper published in The Journal of Crustacean Biology has provided an outline of the guidelines:

1. One paper is to be chosen from among those published in each volume of the Journal of Crustacean Biology.
2. All papers published will be considered for the award.
3. Members of The Crustacean Society are encouraged to submit letters of recommendation in support of those papers they think merit special consideration by the Awards Committee. These letters should be typed, include a clear citation for the paper recommended and include brief supporting comments; letters should be addressed to: Awards Committee, c/o the Business Office.
4. Evaluation of papers for the award will be based upon the following qualities, as judged by an Awards Committee appointed by the President of the Society:
  - a. Originality and innovation in research and presentation of data.
  - b. Contribution of significant theories and/or syntheses to the scientific literature.
  - c. Exemplary technical quality in all aspects of the published paper.
5. The Awards Committee shall recommend a paper to be recognized for the award to the Board of Governors of the Society; it shall also make available to the Board a list of all papers recommended by the membership and the number of recommendations that each paper received from the membership. The Awards Committee shall present a brief justification of its recommendation to the Board. The Board of Governors shall make the final determination of the award recipient.
6. The award will be presented at the Society's annual meeting held in the year following the year of publication.
7. The award shall consist of a certificate for each author and announcement in the Society's Journal.

ASCOTHORACIDA MONOGRAPH

Professor V. L. Vagin of the University of Kasan City, died in January, 1984. His students possess several copies of his monograph on the Order Ascothoracida and they are willing to send copies to those crustacean biologists that are interested in this taxon. You may direct your request to Dr. Rudolf N. Burukovsky, Chief of the Laboratory Fishery Invertebrates, 236000 Kaliningrad, D. Donscoi 5, USSR, AtlantNIRO.



BOOKSELLER

For those of you who are interested in purchasing old and rare books or selling same, you may wish to get your name on the mailing list of:

Gary Wayner-Bookseller

Route 3, Box 18

Fort Payne, Alabama 35967. (Ask for Catalog # 21).

BOOKS FOR SALE

The Business Office has several copies of J.L. Barnard's 2-vol. review of freshwater amphipods at the bargain price of \$10 for both volumes. To reserve a copy, send a note to the Business Office, and a copy with bill will be sent to you. No advance money please!

Two publications resulting from the Eighth International Symposium on Ostracoda, 1982 are now available:

Maddocks, R. F. (ed.). 1982. Texas Ostracoda, a guidebook of excursions and related papers. 352 pp, 22 papers, 25 authors. \$13.30 includes postage.

Maddocks, R. F. (ed.). 1983. Applications of Ostracoda, proceedings of the symposium. 667 pp, 50 papers, 69 authors. \$35.00 includes postage

Send check or money order in US\$ payable to Dept. of Geosciences, to Dept. of Geosciences, Attn. Dr. Rosalie Maddocks, Univ. of Houston-UP, Houston, TX 77004. Texas residents add sales tax.

THALASSINIDEA

Maria Thessalou-Legakis, Univ. of Athens Zoological Laboratory and Museum, Panepistimioupolis-Athens (621) GREECE would like to make contact with anyone interested in the Decapoda Thalassinidea (systematics, biogeography, ecology & development). Interested parties should contact her directly.

MICROFICHE ON COPEPODS

Jacques Forest has announced that the following microfiche of Claude Razouls' publications are available on order from L'Institut d'Ethnologie, Musee de l'Homme, Palais de Chaillot, Place du Trocadero, 75116 Paris, FRANCE. On receipt of an order the subscriber will be sent an invoice.

Microfiche 83 03 39, SN 82 400 339. Répertoire mondial taxinomique et bibliographique provisoire des Copepodes planctoniques marins et des eaux saumâtres. Divers systèmes de classification. Banyuls-sur mer, 1982, tome I: 394 pp., bibl. (70 Frs)

Microfiche 83 03 40, SN 82 400 340. Tome II: pp. 395-781, bibl. 782-875. (90 Frs)

NEW JOURNAL

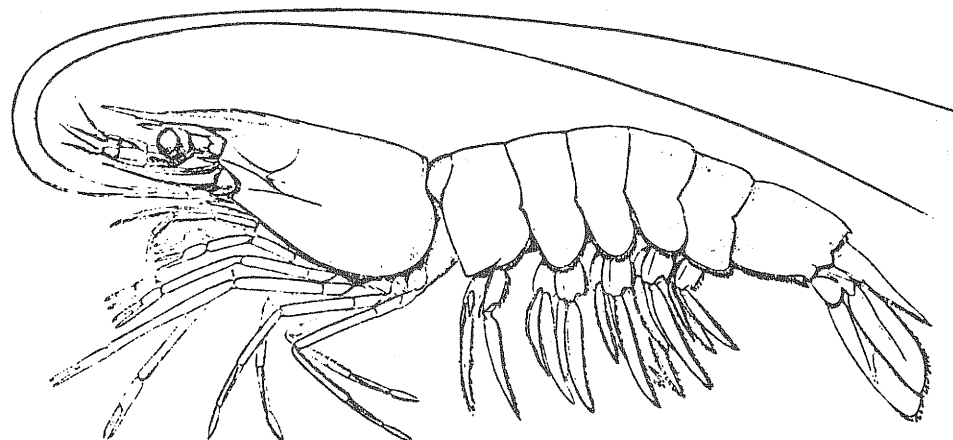
Stygologia presents results of all kinds of studies devoted to subterranean waters, irrespective whether of continental or marine origin. Cave and other karst waters, groundwaters and their outlets in porous substrates, hyporheal and interstitial waters, as well as new developments in processing such water resources, fall within the scope of the journal. It aims to be a focal point for scientists of different disciplines, both biological and non-biological. It will be published in yearly volumes, in three fascicules, each volume of 320 pages. The subscription price for volume 1 (1984) will be US\$ 50.00. The managing editors are Jan H. Stock and Lazare Botosaneanu. More information may be obtained by writing them c/o ITZ, University of Amsterdam, P.O. Box 20 125, 1000 HC Amsterdam, THE NETHERLANDS.

POSITION OPEN

Curatorial Assistant, Los Angeles County Museum of Natural History. Full-time assistant to work in the newly established Section of Invertebrates. Candidates should have a B.S. or M.S. degree in biology (or equivalent), some training in crustacean systematics (experience with peracarids would be especially useful), experience working with natural history collections and with computers, although the latter is not essential. Duties consist of management of invertebrate collections, which are largely crustaceans. County of Los Angeles position with excellent fringe benefits; starting salary range is \$1540-\$1919/mo. Contact Dr. Richard Brusca (Curator of Invertebrates), Los Angeles County Museum of Natural History, Exposition Park, Los Angeles, CA 90007; 213-743-2019.

REPRINTS OFFERED

Paul Haefner is cleaning out his reprint collection in an effort to make his office "habitable". At the present time he is willing to part with the following assortment of papers: 8 mysids, 13 isopods, 11 ostracods, 18 copepods, 8 barnacles and 45 amphipods. Interested parties should write for a listing of the papers, and be willing to pay mailing costs. Haefner's address is on the front cover of this newsletter.



A QUIBBLE ON THE CHALLENGE QUESTION IN VOL.3, NO.2

Jack Tomlinson, Dept. of Biol. Sci., San Francisco State Univ., 94132, claims that "gonochoristic" means that the organism has separate sexes, but answer C: bisexual, does NOT! He claims that many authors misuse this word, and he published a note to this effect in Systematic Zoology 17(2):212, June, 1968. It would seem that the author of the text which was used as the source for the question also misused that term. Are there any other readers out there who would like to participate in this discussion?

MEETINGS

Second Deep-Sea Biology Symposium June 23-29, 1985  
 Katholische Akademie, Herrengraben 4, D-2000 Hamburg 11  
 Contact: Institut fur Hydrobiologie und Fischereiwissenschaft  
 Universitat Hamburg  
 Zeiseweg 9, D-2000 Hamburg 50, FRG  
 Fee: 100,00 Deutsche Mark

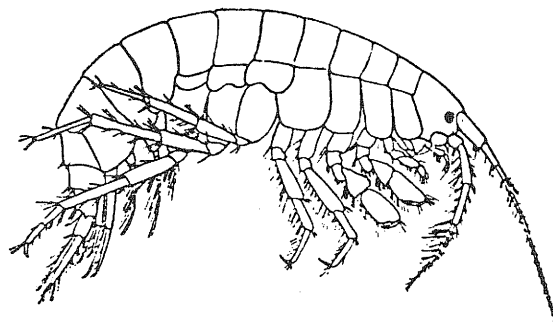
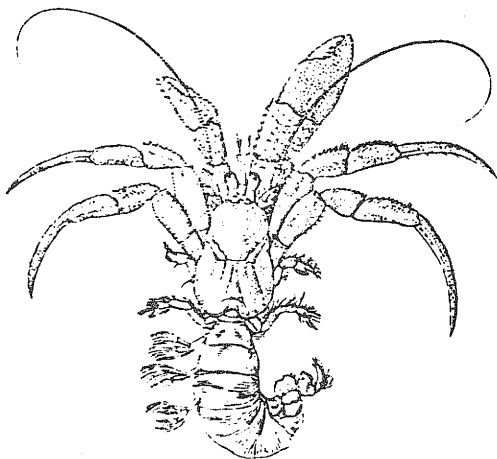
Amphipod Meeting. 4-10 July 1985  
 Ambleteuse, NW France.  
 Contact: Jan Stock, Instituut voor Taxonomische Zoologie  
 Amsterdam, Nederland

AMPHIPOD WORKSHOP

The workshop on the Phyletic Classification of Amphipod Crustaceans was held 18 August 1984 at the National Museum of Natural Sciences in Ottawa, Canada. For those of you wishing more information on what transpired at that meeting, contact E. L. Bousfield, Natl. Mus. Nat. Sci., Ottawa, Canada K1A 0M8. He has copies of a 7-page summary/conclusion of the workshop.

CALL FOR LIVE ANIMALS

The Institute of Marine Biomedical Research, University of North Carolina at Wilmington (7205 Wrightsville Ave., Wilmington, NC 28403) have sent us a list of animals that they would like to acquire LIVE. Michael Jordan, Research Associate, has indicated preference to purchase them and have them shipped, but he will consider traveling to collect them himself, if necessary. Any assistance is appreciated. Write or call him (919)- 256-3721 for a copy of the list which includes Tasmanian crayfish (Astacopsis), Japanese giant spider crab (Macrocheiri), various amphipods, isopods, branchiopods, copepods, etc.



NEW SOCIETY

The "Asociacion Argentina de Limnologia" was created on 10 March at the first meeting of Argentine limnologists. The elected Directive Committee includes the President, Juan A. Schnack; Vice President, Juan C. Paggi; Secretary, Estela C. Lopretto; Treasurer, Alberto R. Capitulo, and several assistants. The aims of the AAL are the promotion of scientific exchange and critical discussions about limnological research, and encouragement of limnological activity in Argentina through the publication of a Periodical Bulletin. For further information write Instituto de Limnologia "Dr. Raul A. Ringuelet", Casilla de Correo 55, 1923 Berisso - ARGENTINA.

HELP WANTED

We need help from members in building our base of institutional subscriptions to the Journal of Crustacean Biology. The number of subscriptions to the journal has not changed in the past couple of years, and we need to increase the number dramatically. Journal subscriptions are the key to financial success of any scientific society. We now have about 200 subscribers; we need to increase this number to at least 500.

HOW CAN EACH MEMBER HELP?? Please take time to see whether your institution has entered a subscription. If it has not, hound your librarian until it does. Point out that the journal is listed in Uhlrich's catalogue of serial publications, the librarian's bible for information on journals. If each member would make sure that their institution had entered a subscription to the journal, we could easily reach a total of 500 subscriptions.

NOTICE TO EUROPEAN MEMBERS

Thanks to the efforts of member A. L. Rice, the Society has established a currency account in England. Deposits can be made into this account in any Common Market currency by bank check or postal order. European members can order books or pay their dues in their own currency. If you live in France, you can send a check in francs, from England you can pay in pounds, from Germany in marks, and so on. Please do not pay into this account in U.S. dollars, as that is expensive.

Funds can be deposited in this account without conversion charges; from it accumulated funds can be transferred to the Business Office with a single conversion charge.

Members in Europe who wish to use this account should forward

their orders, with payment in a bank check or postal money order in their own currency, to the Business Office. There book orders can be expedited and dues recorded; payment will be sent to England to be deposited in the currency account.

### COMPUTER CORNER

This year we will intitiate a Computer Corner as a regular feature of the Ecdysiast. In it we will provide tips on and reviews of software, notes on new books and software, and citations of articles on softward available for scientific writing. We welcome contributions from members.

If you send any information on software, please include such information as price, vendor, copywrite holder, disk size, operating system, and make of machine.

In this column we will focus on two books published recently on free software. The first, How to Get Free Software, by Alfred Glossbrenner (\$14.95, St. Martin's Press, 175 Fifth Ave. New York, NY 10010; available from Crown Books for about \$12.00) is a "Master guide to free programs for every brand of personal or home computer." Much of the informatiion is organized by computer system, and the book includes many money and time saving tips. It also contains inf ormation on using bulletin boards and online services and a list of "gems" of public domain software.

A second book that is also good is The Free Software Handbook: 1984/85 CP/M Edition by T. Gregory Platt, Patricia Law Hatcher, and Blake H. Van Meter (published by People Talk Associates, P.O. Box 863652, Plano, TX 75086). This book provides documentation for 70 public domain programs, including several very useful programs, such as RPIP, which allows you to PIP from one disk to several without resetting your system; DISPLAY, a utility like TYPE that allows you to scroll upward or downward when viewing a file; FIND, which can be used to search very quickly for strings, and NWSP205 (Newsweep), an excellent utility for copying, erasing, squeezing/unsqueezing, etc. This handbook sells for \$17.95 and the programs \$49.95. You will want both.

Members may be interested in Science Software Quarterly, a journal published at the Center for Environmental Studies, Arizona State University, Temple, AZ 85287, is aimed at computer users in the natural sciences. It includes articles on software and applications, reviews, a fleamarket (software listings), and sections on published programs. Annual subscriptions are \$45.00 for individuals, \$25.00 for students, and \$98.00 for institutions. For further information contact Diana J. Gabaldon at the Center for Environmental Studies.

Send comments on or for The Computer Corner to the Business Office.



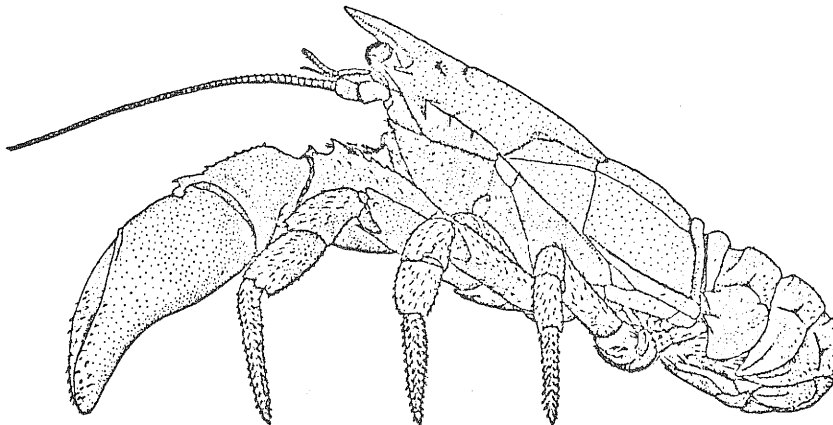
AMERICAN ASSOCIATION FOR ZOOLOGICAL NOMENCLATURE  
Availability of 3rd Edition,  
International Code of Zoological Nomenclature

This new edition of the Code, to be published in early 1985, can be ordered through March at the prepublication price of \$18.75 from the American Association for Zoological Nomenclature, c/o NHB Stop 163, Smithsonian Institution, Washington, DC 20560.

The AAZN was formed in 1984 to help raise funds for the work of the International Commission on Zoological Nomenclature, which badly needs financial support. It provides a way for American zoologists interested in nomenclature to support directly the work of the Commission through tax-deductible individuals memberships. One of the activities of the AAZN will be to help distribution of the new Code in the United States. Annual dues in the AAZN is \$20.00. For further information, write to the AAZN at the address given above.

The Denver ASZ Meeting

The Crustacean Society met with the American Society of Zoologists for their annual meeting during Dec. 26-30, 1984. The meeting was well attended and the weather in Denver was very pleasant (especially for December!). The Crustacean Society along with ASZ sponsored a Refresher Course on Lesser Known Crustacea organized by Les Watling. This symposium was well attended especially considering the number of excellent symposia that were offered concurrently. Many society members participated in the contributed paper sessions on Crustacea as well as poster sessions. One of the highlights of the meeting was the American Microscopical Society's Past-Presidential Address entitled: "Copepods and Coelenterates: A Success Story" delivered by our editor Dr. Authur Humes. The Crustacean Society luncheon was excellent with many members and non-members attending. The Crustacean Society Business and Board of Govenors meetings were also held. The minutes of both meetings will appear in a future number of the Journal.



**IF YOU ARE ALREADY A MEMBER,  
WHY NOT PASS THIS ALONG TO A  
COLLEAGUE OR GRADUATE STUDENT?**

**THE CRUSTACEAN SOCIETY  
APPLICATION FOR MEMBERSHIP**

NAME \_\_\_\_\_  
LAST FIRST MIDDLE

Mailing Address for Society Communications  
 (Please condense to 4 lines maximum):

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**CLASS OF MEMBERSHIP DESIRED AND  
ANNUAL DUES**

- Regular ..... \$25.00
- Student ..... \$12.50
- Signature of Major Professor \_\_\_\_\_
- Sustaining ..... \$100.00
- Outside U.S.A., add for journal mailing charges ..... \$5.00
- Donation to Endowment Fund ..... \$ \_\_\_\_\_

**Total Enclosed** \$ \_\_\_\_\_

\_\_\_\_\_ Mastercard      \_\_\_\_\_ Visa

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Expiration date \_\_\_\_\_

Signature \_\_\_\_\_

\$20.00 of the regular membership fee is for a subscription to the Journal of Crustacean Biology.

Your field of interest (aquaculture, behavior development, ecology, taxonomy of a group, etc.): \_\_\_\_\_

\_\_\_\_\_

Send completed application form and check in U.S. Dollars or credit card information to:

Business Office  
 The Crustacean Society  
 IZ-NHB-W323  
 Smithsonian Institution  
 Washington, D.C. 20560 USA