



THE ECDYSIAST

Newsletter of the Crustacean Society

ECDYSIAST VOLUME 6, NUMBER 1

MARCH, 1987

THE PRESIDENT'S STATE OF THE SOCIETY MESSAGE

The Crustacean Society faced a profound crisis this past year. Shortly after entering office, our treasurer discovered that we were dangerously close to going bankrupt. At the start of 1986 we had insufficient funds on hand to meet our projected obligations. Our dues structure had remained too low for too long. General memberships were bringing in insufficient funds to cover the basic journal expenses, and student dues were providing less money than it was costing the Society to provide basic services. The book club had been actually losing money and was causing monumental secretarial and bookkeeping problems beyond our control. These difficulties had prevented us for some time from having a real budget, and thus left the Society without control over its financial fate.

Fortunately, the previous administration had put through a dues increase and had abolished the student membership. You, the members of TCS, responded to this in an exemplary manner, for which your board is most grateful. Regular members paid the dues increase, and indeed the enrollment in the Society is up over this time last year. Most importantly, the student members stuck with us. About 1/3 of our membership is composed of students, and if they had not converted to regular memberships in the overwhelming numbers that they did, the Society would have gone "belly-up."

Even with the dues increase, the crisis required some severe belt tightening on our activities. We had been scheduled to produce the four regular issues of the journal as well as a special supplement. This was reduced to the four regular issues of volume 6. The near total collection of page charges for Vol. 6, no.3, the Chace Festschrift issue, combined with the full cooperation of our American authors in the rest of the volume in paying general page charges, resulted in a journal for last year that had almost 56% of the costs supported by outside funds. Other economies, among which was the abolition of the book club, changes in print stock for the journal, and the reduction or elimination of contributions to ASZ, brought us through the crisis. We are now in the black, and finished the year with a very small surplus.

Our immediate financial future now seems secure. Our budget for 1987 is modest and in balance. Your treasurer, Denton Belk, and editor, Arthur Humes, are to be praised for their joint efforts in getting us to this point. Dr. Belk's sharp business acumen, and Dr. Humes' untiring and effective editing of JCB have been the twin pillars of strength for the Society. It is my personal hope that these men can continue to serve TCS for many years to come.

Your board is now able to embark on plans for modest and controlled growth in Society services. The Special Needs Membership Fund, financed out of a portion of the sustaining membership fund, is currently supporting a half dozen of our colleagues with hard currency restrictions. Our contribution to the ASZ Student Travel Fund is now restored to the budget and includes a modest increase. The board strongly feels that our student members can be best served by our contributing towards defraying their expenses of attending the annual meeting, and by covering publication costs of student members in the journal.

TCS must continue to grow. The efforts of our regional governors, under the direction of President-Elect Darryl Felder, in enrolling new members are beginning to pay off. However, our library subscription rate must be enlarged. We ask every member affiliated with an institution that has a library to determine whether that library is taking JCB, and, if not, to lobby the librarian on a continuous basis to take up a subscription. Complete back issues are available.

The board feels that we must act now to provide for the future financial needs of the Society. We can not realistically hope that granting agencies will continue to allow indefinitely the inclusion of page charges in research budgets. We must begin to establish a permanent endowment fund to help pay for journal publication costs when that time arrives. To this end, the board recommended and the membership at large represented by those in attendance at the general meeting in Nashville approved, the establishment of a voluntary \$10 contribution/member/year for the next 10 years to be added to the basic membership dues. When that fund reaches \$50,000, we will begin to apply 50% of the interest income towards journal publication expenses. The rest of the income will be added back to the principle of the trust.

In a lighter vein, our plans for the Society's tenth anniversary celebration are moving along. Our Secretary, Paul Haefner, is overseeing this task. Commemorative poster and T-shirt sales are planned. Special symposia are being developed. One symposium on the history of carcinology is being organized, and more are desired. The celebration will extend over the 1989-1990 biennium. Members with symposium ideas are urged to contact Dr. Haefner. In addition, Dr. Raymond Manning, our first president, is preparing a history of the formation and first decade of the Society.

Along these lines we are announcing a contest, open to one and all. The Society needs a logo for a variety of uses. We are offering a prize of \$100 for the best design. Entries should be sent to me (P.O. Box 1390, San Diego, CA 92112) and be postmarked by June 1, 1987. All entries will become the property of TCS and the decision of the board will be final. Entries should be on clean, white board, be a black and white rendition, and embody an appropriate symbol or symbols of TCS's subject and/or mode of study. The board will reserve the right to modify or combine entries to obtain a final form, and the winner will be announced in time for the general meeting in New Orleans. So here is a chance to earn a little extra money as well as make a permanent mark on the Society.

The year 1986 has been an eventful one for TCS. I am glad that I can report to you that the state of the Society is sound, and that our future looks good. That this is due to the continued support and sacrifices of our membership must be acknowledged. As we begin to approach the end of our first decade, I believe we can confidently look forward to our second and succeeding decades.

Frederick R. Schram
President

CONTRIBUTION OF ITEMS FOR THE ECDYSIAS T

Many thanks to everyone who submitted items for this issue of the newsletter. Please keep them coming!!!--Best wishes, Ray Bauer, Ecdysiast Editor.

TREASURY NOTES

An important program to help secure the future of the Journal of Crustacean Biology was adopted by the members present at the 1986 Annual Meeting. The membership voted to establish a JOURNAL ENDOWMENT FUND and to add a voluntary assessment of \$10.00 to the annual dues from 1988 through 1998 to raise money for this fund. Once the JEF reaches \$50,000, half of each year's investment income will be used for the Journal and the other half will be retained as part of the Fund's income producing capital. The Journal of Crustacean Biology is our Society's major contribution to the scientific community. It is also our Society's major expense item. Annual dues and institutional subscriptions cover only about half the Journal's cost. Currently we are dependent on page charges to cover the remaining cost. This is not the best situation. I hope you will support this important Society project with your voluntary payment of the assessment.

Please remember TCS when you want to honor the memory of a friend or loved one with a Memorial Donation.--Best wishes, Denton Belk, Treasurer.

EDITOR'S REPORT

Volumes 1-6 of the Journal of Crustacean Biology have been published. These contain 4,550 pages and comprise 388 articles with an average length of 11.7 pages. A total of 598 manuscripts have been submitted since first publication of JCB, and 175 (30%) were rejected.

Page charges of \$60 per page for volume 6 amounted to \$53,820. Of this amount authors paid \$30,043 or 56%. This left \$23,777 as a cost for The Crustacean Society.

The policy of publishing one review paper per year in JCB continues. "Optical design and evolutionary adaptation in compound eyes," by Thomas W. Cronin, was the review article for 1986; "The endocrine mechanisms of crustaceans," by Milton Fingerman, will be published in the first JCB issue of 1987 (Vol.7). Another review paper is being prepared for JCB 8 (1), 1988.

This past year the paper on which the Journal is printed was changed from 70# Centura text paper to 60# Productolith text paper, an acid-free, slightly thinner paper that will reproduce 300 line halftones of good quality. By this change several hundred dollars a year will be saved.

Boston University continues to furnish office space, a part-time editorial assistant, secretarial supplies, and photocopying.--Respectfully submitted, Arthur G. Humes, Editor.

HIGHLIGHTS OF THE NASHVILLE MEETING

There were three contributed paper sessions on Crustacea (25 papers) at this year's TCS-ASZ meeting in Nashville. A panel discussion entitled "Research Problems in Common: Crustaceans and Insects" followed the TCS brunch and business meeting. The panel, organized by Fred Schram and Adrian Wenner, with Jack O'Brien as moderator, featured presentations and discussions by Hans Laufer, Nancy Marcus, Charles Paulson, and Ranga Rao on topics such as juvenile hormones, diapause, and neuropeptides in arthropods, with comparisons between insects and crustaceans.

TCS BEST STUDENT PAPER AWARD FOR 1986

Congratulations to Michal R. Kubik of Lehigh University, the winner of this year's TCS best student paper award. Mike's presentation was "Comparative swimming behavior for three species of mysid (Crustacea), II. from the east coast, U.S.A." The award consists of a certificate and a one-year free subscription to JCB. Joel W. Martin, the TCS Awards Committee Acting Chairman, is to be commended for his hard work in organizing the judging and for sending all participating students the judges' constructive criticisms and comments on their presentations.

1987 CRUSTACEAN SOCIETY MEETINGS--NEW ORLEANS

Our TCS annual meeting will be held December 27-30 in New Orleans, certainly an appropriate site for an event with crustaceans in the spotlight. A high point of the meeting will be the symposium "Crustacean Egg Production" organized by Adrian Wenner and Armand Kuris, University of California, Santa Barbara. There should be one or more contributed paper sessions associated with the symposium, as well as other crustacean sessions on a vast array of topics in crustacean biology. Those involved in the symposium ("Sex attraction, mating behavior, and insemination in the Crustacea") being organized for the 1988 meetings in San Francisco by Ray Bauer will want to get together and discuss symposium plans. It should be a big meeting with lots to do, New Orleans offers lots of good food and entertainment, and members are urged to attend.

The overall organization of the meetings is in the hands of the American Society of Zoologists. The first call for abstracts is in mid-April and the deadline for receipt of abstracts is early to mid-August. Those TCS members who are not members of ASZ should write the ASZ office in April in order to receive the meeting information and abstract forms. Write to:

Mary Adams-Wiley
Executive Officer
American Society of Zoologists
Box 2739 California Lutheran University
Thousand Oaks, CA 91360

PLANS FOR THE CRUSTACEAN SOCIETY 10TH ANNIVERSARY CELEBRATION--PROGRESS REPORT

The Board of Governors approved plans for the 10th anniversary celebration to take place in 1990. Outlines of the various activities, which are being coordinated by Secretary Paul Haefner (Dept. Biology, RIT, P.O. Box 9887, Rochester, NY 14623) are provided below. ASSISTANCE FROM THE MEMBERSHIP IS WELCOME. ANYONE WISHING TO HELP IN ANY OF THESE ACTIVITIES SHOULD CONTACT THE COORDINATOR OR ANY OF THE ORGANIZERS.

Symposium on the History of Carcinology: Plans are underway to hold this symposium at the 1990 meeting in conjunction with the ASZ Division of History and Philosophy. Biographies of eminent and deceased carcinologists will be presented and (hopefully) will be published. The organizer is Frank Truesdale (School of Forestry, Wildlife, and Fisheries, Louisiana State Univ., Baton Rouge, LA 70803-6200). He will be working with Adrian Wenner, our Program Chairperson (Mar. Sci. Inst., Univ. Calif., Santa Barbara, CA 93106).

10TH ANNIVERSARY PLANS (CONT)

History of the Crustacean Society: Ray Manning (IZ NHB W323, Smithsonian Institution, Washington D.C. 20560) will write the Society's history for publication in JCB.

Commemorative Poster: A professionally designed poster is in the works; more details later.

COMMEMORATIVE T-SHIRT CONTEST!!!!: The Society is planning a 10th anniversary T-shirt and we need your help. Members are invited to submit designs which can be used for the anniversary and beyond, i.e., the design can be used after 1990 when anniversary information is removed. We want something in color and highly attractive. So: sensitize your antennae and start thinking of ideas. We will make a more formal announcement in the Summer issue of the Ecdysiast. At that time we will specify the particulars and announce the PRIZE involved. If you have questions, contact Paul Haefner.

Symposia held outside the USA: The time is ripe to support symposia in other countries. Our overseas governors have been asked to consider drafting proposals for potential topics, speakers, and localities for sessions, and to send them to Paul Haefner. Anyone with ideas on such meetings should contact their respective Regional Governor (Editor's note: see list of TCS Officers and Regional Governors on pp. 8-9 of this newsletter).--submitted by Paul Haefner, Secretary.

CRUSTACEAN SOCIETY LOGO CONTEST

The Society needs a striking logo for use with publications, advertising, etc. Designs for the logo are being solicited by the Society--see the next to last paragraph of the President's State of the Society message (p. 2) for details. Remember, there is a \$100 PRIZE for the design chosen; the deadline for entry is June, 1987.

OTHER MEETINGS

10th Meeting of French Carcinologists. This meeting will be held in Concarneau, France June 6-10, 1987. Contact Y. Le Gal, Laboratoire de Biologie Marine du College de France, 29110 Concarneau, France.

Aquaculture Europe '87. The following (edited) press release was received from Harry Sterk, Exhibition Manager:

"The international exhibition and conference "Aquaculture Europe '87" will take place June 2-5, 1987 in the RAI exhibition center in Amsterdam, the Netherlands. Major companies from the U.S. and Europe will present exhibitions on equipment and products in the field of intensive fish farming. The European Aquaculture Society will sponsor the international conference, and over 1000 delegates are expected to attend.

For further information on the exhibition, write: Expoconsult, P.O. Box 200, 3600 AE Maarssen, Holland; for the conference, write: The European Aquaculture Association, Prinses Elisabethlaan 69, 8401 Bredene, Belgium."

FUTURE SPRING/SUMMER SYMPOSIA??

A number of our members have expressed interest in having the Society continue sponsorship of occasional spring or summer mini-meetings or symposia in addition to the annual meetings held in conjunction with ASZ. As some of you may recollect, one such symposium was held in Lafayette, Louisiana during the spring of 1983 in conjunction with the annual meeting of the Association of Southeastern Biologists. That symposium, which focused on biogeography of Gulf/Caribbean crustaceans, was a big success and afforded some unique opportunities for members to debate a subject of broad interest, to get to know one another better, and to socialize together. In June of 1986, the Society co-sponsored three crustacean-oriented symposium sessions of the Second International Symposium on Indo-Pacific Marine Biology in collaboration with the Western Society of Naturalists and the American Society of Zoologists.

If any of our members would like to undertake the planning, organization, or hosting of similar meetings, I would be happy to help them develop a plan for consideration by the Program Chairperson and Governing Board of the Society. At the outset, I would suggest that a minimum of one and one-half years be allowed for advance planning of the event, and that, if possible, the event be conducted in conjunction with the meeting of another society (I would think that ERF affiliates, ASB, ASWN, WSN, etc. are possibilities). Collaboration with another society can provide considerable help with advertising, publication of abstracts, and local arrangements.--Darryl Felder, President-Elect (318-231-6753).

NEW PUBLICATIONS

Crustacea by F.R. Schram. Oxford University Press, 1986, 606 pp., illus. \$59.95. A detailed account of the morphology, systematics, phylogeny, and other aspects of crustacean biology.

Biogeography of the Crustacea. R.H. Gore and K.L. Heck, Jr. (eds.) 1986. Crustacean Issues Vol. 4. This is the volume resulting from the symposium of the same name held at the TCS-ASZ meetings in Philadelphia, December, 1983. The volume can be ordered from A.A. Balkema Press, Post Box 1675, 3000 BR, Rotterdam, The Netherlands. Price is approximately \$35.

Crustacea Rhizocephala by J. Høeg and J. Lützen. Marine Invertebrates of Scandinavia, No. 6. (1985), 92p., 35 figs., 23 maps; ISBN 82-00-07073-5. The publisher's abstract:

"The rhizocephalan cirripedes in the North-East Atlantic are treated monographically in this paper, which is based on existing and some new collections. A general account on the anatomy and the life cycle of the group is given. The adults of 27 species are described, and for some species information on the larvae, development, and reproduction is also included. There are keys and diagnoses for the various taxa, with figures, distribution maps and a list of known hosts for each species. Type localities and depositions are given as far as known, and a designation on some lectotypes and neotypes is provided."

The cost is 140 Norwegian kroner; it can be ordered from: Norwegian University Press, P.O. Box 2977 Tøyen, N-0608 Oslo 6, Norway.

Crustacés Amphipodes Gammariens. Familles des Haustoriidae à Vitjazianidae by Michel Ledoyer. Faune de Madagascar, 59 (2). The publisher's advertisement states "This 513 page book with 188 figures can be ordered for 350 F (postage not included) to the Editions de l'ORSTOM, 70-74 route d' Aulnay, 93140 Bondy, France. Payment can be made by postal transfer made out to the Service des Publications de l'ORSTOM CCP 22 272 21 Paris or by crossed cheque."

REGISTER OF ONISCIDEA RESEARCHERS

Paul T. Harding (c/o Institute of Terrestrial Ecology, Monks Wood Experimental Station, Abbots Ripton, Huntingdon, Cambs PE17 2LS, UK) contributes the following:

"The Second Symposium of Biology of Terrestrial Isopods, at Urbino in September, 1986, again successfully demonstrated the value of contact between researchers from many disciplines and many countries, but all with an interest in Oniscidea as research subjects. Contact at a Symposium is usually only possible for those who attend, but many other workers should be enabled to benefit from contact with workers in related fields. To enable these contacts to continue, and to be expanded, it was proposed at Urbino that a central register of Oniscidea researchers should be set up. A registration form is enclosed which I hope you will complete and return to me as soon as possible (Editor's note: this form not included in the newsletter; please contact Dr. Harding directly).

Copies of the central register will be sent to everyone who completes and returns a registration form. The register will be indexed by research topics and by countries. It is hoped that an index of taxonomic experts may be compiled. It would be helpful if you could provide a list of your publications in Oniscidea.

Unfortunately the register will cost something to organize and produce! I am therefore asking for a voluntary contribution of L3 Sterling, \$5 US, or the equivalent in your own currency—bank notes will be accepted, if it does not contravene your national currency regulations to export them. However, I know that for some researchers it could be difficult to pay a contribution; please do not let that stop you from registering. I look forward to hearing from you."

SHELLFISH DELEGATION GOES TO EAST ASIA

Dr. Anthony Provenzano submits the following press release:
"Oceanography Professor, Dr. Anthony J. Provenzano, Jr., of Old Dominion University in Norfolk, Virginia will lead a People to People Citizen Ambassador Program professional exchange to East Asia during May of 1987. Provenzano and his delegation will meet with counterparts in Taiwan and the People's Republic of China, with a short stop in Hong Kong, to exchange ideas and information relative to the cultivation and marketing of molluscan and crustacean species including research on associated problems, as well as possible trade or industry exchanges. The Citizen Ambassadors Program of People to People International asked Provenzano to

PROVENZANO PRESS RELEASE (CONT)

lead a delegation of American specialists in shellfish production and research to visit universities, research facilities, government officials, producers and growers with field visits to observe firsthand. President Dwight D. Eisenhower founded People to People in 1956. Eisenhower believed that friendly exchanges between the world's people would help promote peace and understanding. The Citizen Ambassador Program is one of the many projects that resulted from that belief. Leaders and delegates alike serve as citizen ambassadors while abroad. Prospective delegates may obtain more information about the project by calling Dr. Provenzano at 804-440-4285 or Mr. Max Gerber, project director, at 509-534-0430."

MORE ON PHYLOGENY INFERENCE COMPUTER PROGRAMS

Version 2.9 of runtime PHYLIP, the phylogeny inference package, is now available for distribution. There are some changes since my last newsletter note about PHYLIP. All programs generate tree files for the consensus and graphics programs, which are provided in compiled form for the first time. Automatic DOS and hard disk installation is provided. Most important, runtime PHYLIP 2.9 now requires nine (9) preformatted diskettes (not 6 as before). Send them in a sturdy diskette box. For the return trip, please include a mailing and postage stamps (or equivalent). Overseas colleagues: it takes approximately \$10 US (depending on the country and size of the package) to return the package via Air Mail. As before, the minimum computer configuration is an IBM PC compatible with 256K memory, 2 floppy drives, and MS-DOS 2.0 or higher. My telephone number has changed to 619-534-6692.--George D.F. (Buz) Wilson, A-002, Scripps Institution of Oceanography, La Jolla, CA 92093.

REPORT ON FALL 1986 TCS ELECTIONS

President-Elect Darryl Felder reports that 79 ballots were received in response to the elections announced in the August 1986 Ecdysiast. The following individuals were elected to two-year terms of service: Paul Haefner (Secretary), Denton Belk (Treasurer), Elizabeth Wenner (North American Governor), Jan Stock (European Regional Governor), and D.T. Anderson (Indo-Pacific Regional Governor). Given below is a complete list of TCS Officers and Regional Governors:

OFFICERS OF THE SOCIETY

President Frederick R. Schram
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P.O. Box 1390
San Diego, CA 92112

President-Elect Darryl F. Felder
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University of SW Louisiana
Lafayette, LA 70504-2451

Treasurer Denton Belk
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 Rochester, NY 14623

Editor Arthur G. Humes
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Program Chair Adrian Wenner
 Marine Science Institute
 University of California
 Santa Barbara, CA 93106

Past Pres. Raymond B. Manning
 IZ NHB W323
 Smithsonian Institution
 Washington, D.C. 20560

Past Pres. Lawrence G. Abele
 Dept. Biological Sciences
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 S.C. Mar. Res. Research Inst.
 P.O. Box 12559
 Charleston, S.C. 29412

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Europe

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 Seto Marine Biology Laboratory
 Kyoto University
 Shirahama, Wakayama
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Indo-Pacific

D.T. Anderson
 Zoology Bldg. A-08
 School of Biological Sciences
 University of Sydney
 Sydney, N.S.W. Australia

NOMINATIONS

Once again, it is time for the Board to assemble a slate of nominees to stand for fall elections. This year, the offices of President-Elect, Program Chairperson, Regional Governor for Asia, and Regional Governor for South America must be filled. Qualifications, terms, and duties for these positions are detailed in the constitution and bylaws as distributed in the last (August 1986) issue of the Ecdysiast. Any member wishing to make a nomination please do so in writing (as soon as possible) to Darryl L. Felder, President-Elect, Dept. Biology/CCR, University of Southwestern Louisiana, Lafayette, LA 70504-2451. Adequate time must be allowed for the President-Elect to certify that the candidate is willing and qualified to stand for election. This must be concluded before the name of the candidate is submitted to the Board in early summer for consideration.--Darryl Felder, President-Elect.

RESEARCH ASSISTANTSHIP AVAILABLE

Frank Truesdale (School of Forestry, Wildlife, and Fisheries, Louisiana State University, Baton Rouge, LA 70803; telephone: 504-388-4199) announces that research assistantship funds are available for a graduate student seeking a master's degree. Frank is looking for a bright student who would be interested in working on larval development in decapod crustaceans. Contact Frank now at the above address or telephone number; the R.A. is available this coming June.

PERAEOPODS OR PEREIOPODS OR PEREPODS OR WHATEVER

George Wilson submits the following comments on the spelling of names for thoracic legs and body segments:

The current literature displays a lack of consistency on the spelling of the name for thoracic walking legs and body segments in Crustacea. The spellings "pereio-" and "pereo-" are most common, but there is also "peraeo-" to be attached to "-n", "-pod", and "-nite." Many peracarid workers have been using the spellings "pereopod," "pereon," and "pereonite" (myself included) following the suggestions of Torben Wolff who reviewed the subject in his 1962 monograph on the Asellota. Others, such as the Decapod workers and our illustrious president, have opted for the spellings "pereiopod," "pereion," and "pereionite." Here are Wolff's (1962) comments verbatim on p.15 (somewhat abridged):

"...As previously stated, the words pereion and pereiopod¹ were introduced by Spence Bate (1856) who transcribed the Greek combining form...in this incorrect way. The right transcription should have been peraeo- according to the classical Latin rules or pereo- if transcribed in the medieval-latinized form...(1. Actually, Spence Bate in 1856 used the spelling pereipoda; in 1857 he modified it to pereiopoda and in 1859 he introduced for the first time the singular form pereiopod.)

Steinberg & Dougherty (1957) discussed the same problem. They adopted the spelling pereon (and pereopod) in accordance with the especially American-English tendency to reduce the classical diphthongs "ae" of Latin and "ai" of Greek to "e"...

After much consideration I have also decided to use the spelling pereon and pereopod for the following reasons: (1) in contradistinction to pereion, it is linguistically correct, and (2) it is shorter than both pereion and peraeon. On the other hand, I am well aware that pereion and pereiopod are at present the most commonly employed spellings, especially among British and French workers. Although I admit the importance of usage, it should be pointed out that many older carcinologists...and contemporary authors...use peraeon and peraeopod. Finally the change from pereion and peraeon to pereon eliminates or reduces the risk that non-specialists might consider the two first versions unequivalent terms."

PERAEPOD-PEREIOPOD-PEREOPOD ETC. (CONT)

Wolff also goes on to discuss his choice of the spellings "pereonite" and "pleonite" on pages 15 and 16. I don't regard this as an earth-shaking problem, but some consistency in the current literature would probably be welcomed by non-specialists. It seems that we can either choose priority (Spence Bate, 1857) or the linguistically correct and shorter spelling (Wolff, 1962; and others). I propose an informal discussion of this problem in the newsletter, perhaps followed by a referendum of all members of the society and other crustacean workers.--George D.F. (Buz) Wilson, A-002, Scripps Institution of Oceanography, La Jolla, CA 92093; 619-534-6692.

Editor's Note: Webster's Third New International Dictionary (Unabridged, 1966) gives the etymology of "pereion" (and the root of "pereiopod") as New Latin, from the Greek "peraiōn"; "peraeon" and "peraeopod" are given as variations of "pereion" and "pereiopod," respectively. Pereon and pereopod are not listed at all.

FUNDS FOR FIELD RESEARCH

Financial support for researchers is available from the Foundation for Field Research for projects that can be appropriately funded and assisted by volunteer teams in the field. Funding is not limited by geographical area or discipline, although the project must consist of basic field research. Proposals must be submitted at least a year in advance of the project dates, and should follow the requirements outlined in "Guidelines for Field Research Funding," available upon request from the Foundation. For additional information about the Foundation and about funding, call 619-445-9264 or write: Foundation for Field Research, 787 South Grade Rd, Alpine, CA 92001.--submitted by Thomas J. Banks, Treasurer, FFR.

NOTICES FROM AAZN NEWSLETTER

New Edition of Official Lists and Indexes of Names and Works in Zoology. The International Trust for Zoological Nomenclature is publishing a revised and updated edition of the Official Lists. Copies will be available in the United States from the AAZN, at a cost of \$100 to members, \$110 to non-members. Order forms will be mailed in March.

New Format for Bulletin of Zoological Nomenclature. The BZN has been completely redesigned for 1987, and the first issue in the new format is due out in March. The new Bulletin will contain general articles on nomenclature and its relevance to systematics. The first issue will include a short note on the AAZN. Brochures describing the new Bulletin will be mailed in March.--submitted by Raymond B. Manning, Secretary-Treasurer, American Association For Zoological Nomenclature, c/o NHB Stop 163, Smithsonian Institution, Washington, D.C. 20560.

TCS LOGO CONTEST

\$100 PRIZE

Details inside

THE ECDYSIAS



Newsletter of the Crustacean Society

c/o Kay Bauer
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