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"This newsletter is not deemed to be a valid publication for formal taxonomic purposes"

EDITORIAL

As the plans for SVIMCO are well underway, it seems a good time to address the issue of meeting finances. Attending meetings is an expensive proposition, especially when the cost of long distance travel is considered. IAM does not have the budget or income to generally support or underwrite member costs at meetings, nor does it have the will to set in place a means to decide who should receive any available funds. Therefore it falls to the society members (and their home institutions or grants) to bear meeting costs or to the meeting organizer to seek and distribute any available funds.

Unfortunately, a number of IAM members live in countries which place severe restrictions on foreign currency exchange. One consequence is that many IAM members (even those in close proximity to the SVIMCO meeting site) will be able to attend only if the organizers or the society can guarantee hard currency expenses. A number of the society members have personally expressed concern over this matter to me, and there seems to be strong sentiment in favor of providing assistance when possible.

This year we are fortunate that there is limited funding for SVIMCO. Rudi Novak has secured funds from the Ministry of Science to defray meeting costs. An anonymous gift has been given to a general fund to support travel for members from countries with foreign currency exchange problems. Additionally another member has offered to sponsor a specific scientist at SVIMCO. These funds give the organizers great flexibility in supporting meeting expenses (remember students rarely have funds to attend meetings). These contributions and grants are greatly appreciated.

I am impressed by the generosity of our members. Certainly IAM will accept additional contributions. You may specifically wish to help those in countries where currency exchange is impossible by either sponsoring specific individuals or by contributing to a general fund for this purpose. It is also possible to contribute to a general fund to offset meeting expenses. If you chose to contribute, please do quickly (say by April 1) so the organizers can be most effective with fund distribution. It is hoped that support for future international conferences will continue this way.

Rudi Novak reports that 60 people have responded with SVIMCO applications, and that he hopes more respond. I have included the meeting announcement again in this issue.

On a lighter note, this is a big, big issue of Psammonalia. With a Treasurer's Report, News from Members, New Members, Change of Address, a special bibliography on the mites etc. Psammonalia 83 swells in significance (and will surely be considered a classic by future Psammonalia collectors). Some special notes of interest. For you information buffs, I again make available a computer listing of all literature in the 1988 numbers (Psammonalia 79 - 82). I can send either a floppy disk (in Word Perfect, DOS or ASCII format) or a file by BITNET. I can also send the membership list at anytime, by the same means.

John Fleeger

SPECIAL FINANCIAL ASSISTANCE FOR SVIMCO

Limited financial assistance is available for travel or meeting expenses for scientists, including advanced students, who are presenting a paper or poster at SVIMCO. Make application to the meeting organizers by sending a letter of interest, a copy of the abstract, a statement of anticipated travel and meeting expenses, and an account of other sources of partial funding. Scientists from countries with foreign currency restrictions are especially encouraged to apply.

Applications should be received by March 31, 1988:

Dr. R. NOVAK (SVIMCO 89)
Inst. Zool. Univ. Wien
Abt. Meeresbiologie
Althanstr. 14
A-1090 Wien
AUSTRIA

Awardees will be notified around May 15.

****Additional donations for this purpose may be sent to the Treasurer****

1988 TREASURERS' REPORT (From David Thistle)

Previous Balance	\$4309.30
Dues	1494.50
Interest	152.40
Total	5956.20
Debits	1117.83
New Balance	4838.73

The cost of producing Psammonalia was very stable in 1988. Postage averaged \$178 per issue (Psammonalia 80 with a membership list was most costly) and duplications averaged \$86 per issue. The costs for each 1988 number were \$270 for No. 79, \$338 for No. 80, \$278 for No. 81 and \$274 for No. 82.

ELECTION OF OFFICERS

It is time to consider the election of new officers (Chairperson and Treasurer) for IAM, and the IAM Council hereby solicits nominations from the membership. The three year term of the current office holders expires at the end of 1989. These are the most important positions in the society because they do the dirty work; the Chairperson produces Psammonalia and the Treasurer performs the financial duties. Therefore please consider these nominations carefully! Biographical sketches of the candidates and mail ballots will appear in the May issue. Send nominations to the Editor by April 1, 1989. The Council will canvas potential nominees to make sure they are willing to serve.

NEWS FROM THE MEMBERS

From Susan Bell,

The 1988 meeting of the American Society of Zoologists was held in San Francisco, California from December 27-30, 1988. Other societies that met jointly with ASZ were the American Microscopy Society, Crustacean Society, Society of Systematic Zoology, and Western Society of Naturalists. Papers presented dealing with meiofauna were:

1. Bell, S.S., Univ. South Florida, Tampa. Response of meiofaunal copepods to changing seagrass landscapes.
2. McGregor, S. and T. Shirley, Univ. Alaska, Fairbanks. Ontogenetic dietary changes and selectively of post-metamorphic flatfish in a subarctic ecosystem.
3. Smith, J.P.S. and S. Tyler, Univ. North Carolina, Charlotte and Univ. Maine, Orono. Frontal organs in the Nemertodermatida (Turbellaria).
4. Hummon, W.D., Ohio Univ., Athens. Island biogeography of littoral European Gastrotricha: Present status.

Zhang, Zhanan, Department of Marine Biology, Ocean University of Qingdao, Qingdao PEOPLES REP. CHINA

I am visiting several facilities in the US for the next few months. Louisiana State University and LUMCON are first and I am working with Nancy Rabalais on a joint U.S.-China research project taking place in the Yellow River estuary and adjacent waters. Most of the time in Louisiana has been spent working up macrofauna samples. Meiofauna are also abundant in our samples, with densities averaging 758 individuals 10 cm⁻². I welcome communication and discussion of our data from China and plans have been made to publish our data soon. I will travel to South Carolina to visit briefly with Bruce Coull and then to the College of Charleston to teach a course in Biological Oceanography and do research in Charleston Harbor. I may also travel to Washington D.C. to visit the Smithsonian and Drs. Higgins and Hope.

From W. Westheide.

MICROFAUNA MARINA Publication Announcement:
Volume 4 The Ultra-structure of Polychaeta. Volume Editors: Prof. Dr. Wilfried Westheide, Spezielle Zoologie, Universität Osnabrück, and Prof. Dr. Colin O. Hermans, Department of Biology, Sonoma State University, Rohnert Park/U.S.A. 1988. 494 pp., numerous figures, hard cover DM 118. Within the last twenty-five years, transmission and scanning electron microscopy have made visible an entirely new level of organization, and a new basis for understanding structure, function and evolutionary origins of the Polychaeta has emerged. 33 experts review the entire ultrastructural literature on this important invertebrate animal group, and present results of their current studies. These data are examined to see how they confirm or change traditional concepts about the polychaetes' morphology, embryology, physiology, and even ecology. One major aim of the book is the use of ultrastructural information to resolve questions about phylogenetic relationships not only between Polychaetes, but between Polychaeta, other

Annelida, and other invertebrate taxa. Profusely illustrated with micrographs and line drawings the book represents a morphological up-to-date supplement to handbooks of zoology.
Order from GUSTAV FISCHER VERLAG, Wollgrasweg 49, D-7000 Stuttgart 70 (West Germany).

Special Translation:

Through the kind efforts of Gunter Arlt and his colleagues at the University of Rostock, Department of Biology, I now have an English translation of the paper in Russian by V. A. Brotzkaja (1963). A survey of the family Cerviniidae (Crustacea, Copepoda). Zoolog. Zhurnal. 42(12): 1785-1803. If anyone would like a copy (20 typed pages) I would be pleased to provide it but, if possible, would like the recipient to send L 2 or \$5 to cover the cost of photocopying and postage and provide some remuneration for the translators. Request to: J.M. Gee, Plymouth Marine Laboratory, Prospect Place, The Hoe, Plymouth PL1 3DH, U. K.

NEW MEMBERS

Eric Lindgren

Department of Biology, University of Puget Sound, Tacoma, WA USA 98416

Interests: "After a hiatus of several years, I am returning to research on harpacticoids and tardigrades, particularly in the adjacent Puget Sound.

Irene R. Wais de Badgen

Limnology MACN & INICN, Museo Argentino de Ciencias Naturales, Ave. Angel Gallardo 470 Casilla de Correo, 1405 Buenos Aires, ARGENTINA

Interests: Benthos of rivers

Zhican Tang

Institute of Oceanology, Academia Sinica, 7 Nan-Hai Road, Qingdao, People's Republic China

Interests: Marine benthos. He has meiobenthic samples from several sites around China including the East China Sea, Yellow Sea and the Gulf of Bohai, and is looking for the time to sort them.

Schwinghamer, P.

Fisheries and Ocean Science Branch, P.O. Box 5667, White Hills, St. John's, Newfoundland, A1C 5X1, CANADA

ALN Sarma

Department of Life Sciences, Regional College of Education, Bhubaneswar - 751007, Orissa, INDIA

Interests: "I have been working along with my students on sedimentary and non-sedimentary meiobenthos"

Carmen Silvia Rosado

Trav. Legua Povoá - 1 -1D, 1200 Lisbon, PORTUGAL

Interests: "I work in the National Parks and I'm a beginner in the field of meiobenthology"

Litton, James R.

P.O. Box 4716, Ithaca, NY 14852, USA

Reinstated member

CHANGE OF ADDRESS

Uwe Noldt
BFH, Institut für Holzbiologie und Holzschutz,
Leuschnerstr. 91, 2050 Hamburg 80, FRG

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Department of Entomology, Texas A&M University,
College Station, TX, USA 77843

Claude Boutin
62 Bis, Impasse Forbin, La Garonne, 83220 Le Pradet,
FRANCE

SPECIAL MEETING ANNOUNCEMENTS

SEVENTH INTERNATIONAL MEIOFAUNA CONFERENCE (SVIMCO 89)

Vienna, Austria August 21-26, 1989

Fourth Announcement

Topics: 1) Adaptations of meiofauna to environmental gradients: marine/freshwater, oxic/anoxic, microenvironments and microzonation, rapid temporal changes 2) Faunistics: new types, new insights into phylogeny, new and interesting aspects of biogeography 3) Role of meiobenthos in specific processes: decomposition, remineralisation, microbial interactions 4) Meiofauna organisms in trophic webs: comparison of trophic relationships in marine, freshwater and groundwater situations, methods for tracing trophic relationships.

Applications:

Application forms should be sent to R. Novak immediately. Further communication concerning the meeting will only be directed to colleagues who have definitely indicated their participation by this time.

Contributions:

The duration of oral contributions should be about 10 to 20 min. Depending on the number of contributions, we will be able to allow a certain degree of flexibility in order to provide ample time for discussion.

Poster contributions: There will be plenty of space for poster presentations (90x135 cm / poster). We would strongly recommend that taxonomic contributions be presented in poster form.

Abstracts (~350 words max.) should be typewritten and sent together with the application form.

Presentation facilities: Overhead projection, slide projection (24x36mm), 16mm movie projection, U-Matic and VHS video systems (PALI).

Publication of contributions: Selected papers can be published either in *Stygologia* or in *P.S.Z.N.I.: Marine Ecology* after normal review. Manuscripts should be provided at the Conference.

Conference fee: US \$50 for active participants and US \$30 for accompanying persons.

Accommodations: It is planned to accommodate all participants in student rooms at the Hotel Haus Döbling (about 20 min. walking distance from the Bio-Centre, ** category). For 2- and 3-bed rooms A.S. 240 (~U.S. \$18.50) will be charged per person/day (including breakfast); the surcharge for a single room is A.S. 50 (~U.S.\$3.90). Accommodation in hotels in the vicinity of the institute is also possible upon request. Prices for hotel rooms are about A.S. 570 to 1000 (U.S. \$44-77) for a single, A.S. 780 to 1500 (U.S. \$60-115) for a double room/day (incl. breakfast).

LUMCON 1989 SUMMER SCHOOL PROGRAM

Summer courses available for credit through Louisiana's state universities are offered at the Louisiana Universities Marine Consortium (LUMCON). The Marine Center in Cocodrie houses the summer program, with additional use made of the Port Fourchon Laboratory near Grand Isle. Excellent opportunities exist for field work, oceanographic research training cruises, and laboratory experiments in LUMCON's new facility. Five-week courses to be taught in the summer of 1989 are Introduction to Marine Zoology, Marine Ecology, Marine Vertebrate Zoology, Marine Environmental Chemistry, and Marine Science for teachers. In addition, short, two-week courses will be carried under Topics in Marine Science, specifically in Wetland Vegetation, Coastal Erosion/Wetland Loss, Laboratory Culture of Louisiana Coastal Field Geology. Directed undergraduate or graduate research and study are available 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.

COMPARATIVE ASPECTS OF ADAPTATION TO ANAEROBIC CONDITIONS

Joensuu, Finland July 16.-17. 1989. Organization: Department of Biology, University of Joensuu, P.O. Box 111, SF-80101 Joensuu, Finland. Objective: This symposium provides a forum for discussion of recent advances in the study of anaerobic metabolism of animals. Especially the comparative aspects of adaptation in higher animals to sustained environmental anoxia will be emphasized. Registration and payment: March 15, 1989 Abstracts: April 30, 1989. Refunds: May 31, 1989.

BITNET ADDRESS

(Once Again)

Jeffrey Frithsen - Jeffff@URIGSO.SPAN%STAR.STANFORD.EDU
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Bruce Coull - NO90012@UNIVSCVM
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Flip Rutledge - ZORUTL@LSUMVS
John McCall - ZOMCCA@LSUVMS
Erin C. O'Doherty - ERIN@TAMENTO

IRWIN LOOPS AVAILABLE ONE MORE TIME !!
Loops are made of non-corrosive nickel-chromium wire. Ideal for sorting and transferring meiofauna and other small metazoans. Available in three sizes; blue (about 200 um x 500 um), red (about 350 um x 700 um) and yellow (about 500 um x 1100 um). Set of three loops (any size) - \$25.00 + \$1.00 shipping and handling. U.S. currency, please.

SEND TO (New address):
Mark D. Schram
RT. 1 Box 237
Almo, KY 42020

APPLICATION FORM

SVIMCO 89
Vienna, Austria
August 21-26, 1989

I will attend the Conference and wish to receive further communications.

NAME

ADDRESS

presumably accompanied bypersons

type of accomodation I would prefer:

Hotel Student room

I would like to contribute

- a poster
- a short presentation of my current research
(10 min. excl. discussion)
- a more formal paper (20 min., excl. discussion)

Title of contribution (s)

I would like to lead a discussion group or workshop session and open it with a formal contribution. Suggested theme.

I will participate in the workshop on groundwater fauna (organized by Dan Danielopol)

Yes No

Send at once to:

Dr. R. NOVAK (SVIMCO 89)
Inst. Zool. Univ. Wien
Abt. Meeresbiologie
Althanstr.14
A-1090 Wien
AUSTRIA

CURRENT LITERATURE

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