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

EDITORIAL

The best feature of a newsletter like Psammonalia is the information it brings. So far, news from the members has come to me regularly, but I want to make it as easy as possible for everyone to continue to send news items. Of special interest are news of address changes (and the opportunities they bring), new research projects, special requests, reports on meetings you have attended, announcements of specialized courses or workshops and of meetings or symposia of interest to melobenthologists. I will continue to ask new members to give a brief sketch of their research interests. I feel like I have been able to keep abreast of events (especially meetings) in the US, but I do not want to miss anything important in other countries. So if you know of meetings etc., please send me the information. My address is on the opposing page, my phone number is (504) 388-1738 and I have a BITNET address (loginID=ZOFLEE and node=LSUMVS) for computer mail from mainframe computers world-wide. (If you have access to a mainframe computer, chances are you can send messages to other users quickly with no direct charge by BITNET.)

The second best feature of Psammonalia is the sense of camaraderie and fun it provides. Here again, I request help to continue the tradition. The fine art of cartooning has escaped me. To stimulate our creative members to provide ideas or drawings, I announce below the Great Melofauna Cartoon Contest, complete with a first place prize. Let's keep Psammonalia informative and entertaining.

John Fleeger

The Great Melofauna Cartoon Contest

It helps to have a sense of humor to work with melofauna. I want to channel that humor into a form we can all share. Cartoons have long been a part of Psammonalia, and I want to keep this tradition alive. So if you feel creative, here's a chance to participate. Draw a cartoon in a form which can be reproduced and send it to the editor. To the artist of the cartoon judged best, we offer one year of dues to the society. The editor will be the sole judge. Any cartoon which seems appropriate will appear in some issue of Psammonalia, and I will even acknowledge the artist if he/she wishes.

You may be familiar with the "Far Side" cartoons of Gary Larsen. His offbeat gags and themes are often at the expense of scientists and invertebrates, and it is easy to see how this style could lend itself to melofaunal humor. Certainly, your entry doesn't have to be patterned after the "Far Side", but it might be fun to try. Let's share the fun of working with melofauna, and keep cartoons in Psammonalia.

New Members

Tsunemasa Saito
Department of Earth Sciences
Professor of Paleontology
Yamagata University
Yamagata 990
JAPAN
No interests stated

Dr. Thomas C. Shirley
School of Fisheries and Sciences
University of Alaska
Juneau, AK 99801
USA
(907) 789-4449
Melofaunal research interests: macrofaunal-melofauna interactions; role of melofauna in energy transfer to higher trophic levels. I (with John Fleeger) am currently in the third year of a long-term study relating changes in melofaunal composition and density with respect to sedimentation of the spring bloom in a subarctic ecosystem.

Susan Walls
School of Fisheries and Sciences
University of Alaska
Juneau, AK 99801 USA
Research interests: The importance of melofauna, particularly harpacticoid copepods, in the diets of post-larval flatfish.

Monika Bauer
Institut für Zoologie
Universität Wien
Althanstr. 14
A-1020 Vienna
AUSTRIA
My Ph.D. thesis is on the ultra structure of Echinoderes (Kinorhyncha: Cyclorhagida) from the Gulf of Trieste (Adriatic Sea). I am especially interested in nervous system, sensory organs and epidermal glands.

Linda A. Thomas
Department of Anatomy, S-1334
Univ. California San Francisco
San Francisco, CA 94143 USA
Research interests: Cellular adhesive systems in marine invertebrates.

John McCall
Department of Zoology and Physiology
Louisiana State University
Baton Rouge, LA 70803 USA
Research interests: I am interested in estuarine trophic ecology, particularly the role played by melofauna as food for juvenile fish.

Philip A. Rutledge
Dept. of Zoology and Physiology
Louisiana State University
Baton Rouge, LA 70803 USA
"I am currently working on a Ph.D. under John Fleeger. The system I am studying a community of melofauna living on culms of *Spartina alterniflora*. This community is especially interesting since two species of the harpacticoids on the culms have not been found in any other habitat, and the vertical distribution of the community extends above the water line."

IRWIN LOOPS AGAIN AVAILABLE !!

Change of Address

Margaret Palmer
Department Zoology
University Maryland
College Park, MD 20742 USA
(301) 454-4065

"In June, I moved from Indiana to Maryland to begin a two-year project on freshwater meiofauna communities. I am studying the meiofauna of a low gradient, coastal plains stream in northern Virginia. Extensive sampling will precede field and flume experiments on the dispersal dynamics of these fauna. I plan to continue with some estuarine studies and look forward to comparing marine and freshwater meiofauna with respect to their responses to flow. Preliminary work indicates a diverse freshwater fauna with many animals which are new to me!"

Alan Decho
CSIRO Marine Laboratory
P. O. Box 120
Cleveland, Queensland 4163
AUSTRALIA

"As of September 1, 1987 I will be a Fulbright Post-Doc for one year at the CSIRO Lab in Cleveland Australia (near Brisbane) working with Dr. D. J. W. Morlarty on animal-microbial interactions. I will be examining the importance of microbial exopolymer secretions (of diatoms and bacteria) as a food resource for benthic (hopefully some meiobenthic) animals. Ga-Day!"

Birgit Rhode
Inst. Allg. Zoology, FU Berlin
Konigin-Luise-Str. 1-3
1000 Berlin 33
Fed. Rep. Germany

"Having been a student of Olav Giere (Hamburg) for several years, I finished my Ph.D. some months ago. Since April I am a Teaching Assistant at the Department of General Zoology of the Free University of Berlin. My research interests are occupied with neuronal structures in archiannelid polychaetes (especially nuchal organs and their functions)."

Thomas Chandler
Belle Baruch Institute for Marine Biology and Coastal Research
Univ. South Carolina
Columbia, SC 29208 USA
"I have recently returned to the US from a very enjoyable Fulbright Postdoctoral year in O. Giere's lab in Hamburg, where I experimented with some interesting and surprising interactions between harpacticoids and forams. Olav and crew were wonderful hosts and deserve my eternal gratitude. I am presently in B.C. Coull's lab in S.C. where I am attempting to grow mass quantities of harpacticoids to quantify the harpacticoid component of biomass and energy flux to pelagic predators."

Mike Murrell
LUMCON
Marine Education and Research Center
Chauvin, LA 70344 USA

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 μm x 500 μm), red (about 350 μm x 700 μm) and yellow (about 500 μm x 1100 μm). Set of three loops (any size) - \$25.00 + \$1.00 shipping and handling. U.S. currency, please. Arkansas residents add 6% sales tax.

SEND TO:

Mark D. Schram
208 Baxter Lane
Fayetteville, Arkansas 72701 USA

New Publication

Official Lists and Indexes of Names and Works in Zoology. The 1987 edition of the "Official Lists and Indexes..." has been published by the International Trust for Zoological Nomenclature. This publication records for the first time in a single volume all the animal names and titles of works on which the International Commission has ruled since it was set up in 1895. The volume comprises 366 pages and includes 9,900 entries. References are arranged alphabetically in four sections; family group names, generic names, specific names and titles of works. In North America, copies can be ordered from the American Association for Zoological Nomenclature (AAZN, c/o MHB Stop 163, Smithsonian Institution, Washington DC 20506). The cost is \$110.00.

Coming Meetings

American Society of Zoologists, December 27-30, New Orleans, Louisiana; Several symposia are planned, including Crustacean Egg Production, Aquatic Locomotion, Adaptive Coloration in Invertebrates and Constraints of Bioenergetics on Population Dynamics. Contact Mary Adams-Wiley, American Society of Zoologists, California Lutheran College, Thousand Oaks, CA 91360.

International Estuarine Research Conference, October 25-29, New Orleans, Louisiana; Keynote theme sessions include Marshes: Their Importance to Estuaries, Mechanisms of Recruitment of Estuarine Organisms, Subtropical and Tropical American Estuaries, Latin America and the Gulf of Mexico and Comparisons of Key Processes among Major Estuaries. Contact Estuarine Research Conference, P.O. Box 30, Chauvin, LA 70344

FIRST ANNOUNCEMENT!

What: The Seventh International Meiofauna Conference (1989)

Hosted by: The Institute of Zoology, University of Vienna

Organizer: Jorg Ott

Where: Vienna, Austria

When: The dates are not finalized yet as the meetings will be planned to coordinate with the European Marine Biology Symposium and the International Society of Limnology Meeting. However, our next conference will be some time during the last two weeks of August or the first two weeks of September, 1989.

Themes: An emphasis on the integration of marine and freshwater meiofaunal systems is planned. Dan Danielopol is organizing a half day session on the Origin of Groundwater Fauna. Jorg Ott requests ideas from the members on other topics for emphasis.

Contact: Dr. Jorg Ott, Institute of Zoology, University of Vienna, Althanstr. 14, A-1020 Vienna, AUSTRIA, with your ideas on topics. Otherwise, more information will appear in the next issue of Psammonalia.

THE NEXT INTERNATIONAL MEIOFAUNA CONFERENCE IS LESS THAN TWO YEARS AWAY
YOU SHOULD START PLANNING TO ATTEND NOW!

FIRST ANNOUNCEMENT!

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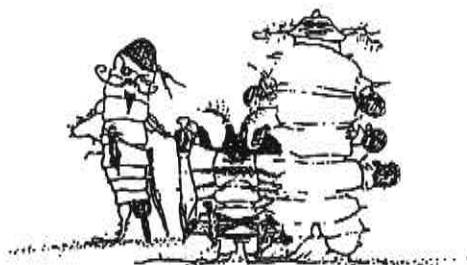
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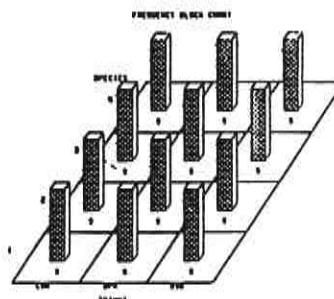
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MEAN HARPACTICOID
(DENSE)



MEAN HARPACTICOID DENSITIES AFTER 48 HOURS



A BIBLIOGRAPHY OF THE INTERSTITIAL CILIATES (PROTOZOA): 1980FF (Part 5)

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At the end of each reference, the content of the respective paper will be indicated by capital letters in parentheses. These letters stand for the following subjects: (B) Biology, morphology, fine structure; (D) Distribution, biogeography, ecology; (G) General and review; (M) Methods; (O) Original descriptions; (P) Physiology, ecophysiology; (S) Systematics, taxonomy. Part 1, Part 2, Part 3 and Part 4 of this bibliography have been published in PSAMMONALIA No. 64 (May 1984), No. 65 (August 1984), No. 67 (February 1985) and No. 72 (May 1986).

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