

EIGHTH INTERNATIONAL MEIOFAUNA CONFERENCE

9-14 August 1992

University of Maryland, College Park, Maryland, USA

Co-Conveners

MARGARET PALMER
University of Maryland

ROBERT P. HIGGINS
Smithsonian Institution

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PROGRAM

FRESHWATER/GROUNDWATER SESSION (Continued)

- 16:00 SCHMID-ARAYA, J.M. Freshwater-10
 Biologische Station Lunz, A-3293 Lunz am See, AUSTRIA
 Micro-meiofaunal assemblages and rotifer diversity in a second-order alpine gravel stream.
- 17:00 *GROUP PHOTO (place to be announced)*
- 17:30 *COCKTAIL PARTY* Room 2100

WEDNESDAY, AUGUST 12

A DAY IN WASHINGTON...

- 09:00 Buses will depart from the Adult Education Center at 09:00, 10:00, and 11:00 for Union Station in Washington, DC. From here you will have access to METRO, Buses, Tourmobile, and other transportation for your free day in Washington. This will not be an accompanied tour. You are on your own in regards to both itinerary and expenses.

Buses will return to the Adult Education Center from the Union Station at 19:00, 20:00, and 22:00 (last bus!).

Alternate transportation to and from Washington may be discussed with the conference staff, but this transportation is at your own expense. Tourist information will be available at registration.

- 17:00 *RECEPTION, NATIONAL MUSEUM OF NATURAL HISTORY* Associates Court

THURSDAY, AUGUST 13

TARDIGRADA SESSION (Concurrent with Deepsea Session)

Room 2110

Chairperson: D. NELSON, Department of Biology, East Tennessee State University, Johnson City, TN 37614, USA

- 08:30 Introduction to Session
- 09:00 REBECCHI, L., and BERTOLANI, R. Tardigrada-1
 Dipartimento di Biologia Animale, Università di Modena, Via Università 4, I-41100 Modena, ITALY
 Reproductive cycles in eutardigrades of freshwater and terrestrial habitats.
- 09:30 BUSSAU, C. Tardigrada-2
 Zoologisches Institut, Universität Kiel, 2300 Kiel, FRG
 New Tardigrada from a manganese nodule area.
- 10:00 MCGLOTHLIN, K.L., and D.R. NELSON Tardigrada-3
 Department of Biological Sciences, Clemson University, Clemson, SC 29634-1903, USA.
 Long-term stability in tardigrade populations on Roan Mountain, Tennessee.
- 10:30 *BREAK*
- 11:00 KENDALL-FITE, K.L., C.M. CHANDLER, and D.R. NELSON Tardigrada-4
 Department of Biology, Middle Tennessee State University, Murfreesboro, TN 37130, USA
 Tardigrades from Short-Mountain seepage springs, Cannon County, Tennessee.

see memo

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TARDIGRADA (continued)

- 11:30 NELSON, D.R. Tardigrada-5
 Department of Biology, East Tennessee State University, Johnson City, TN 37614, USA
 Tardigrades of land between the lakes, Kentucky-Tennessee.
- no show { 12:00 MILLER, W.R., and H. HEATWOLE Tardigrada-6
 5956 N. Kansas Ave., Gladstone, MO 64119, USA
 Tardigrada from Heard Island, Maritime Antarctica, Southern Indian Ocean.
- 12:30 LUNCH

DEEPSEA SESSION (concurrent with Tardigrada Session)

Room 2102

Chairperson: Y. SHIRAYAMA, Ocean Research Institute, University of Tokyo, Tokyo, JAPAN

- 08:30 SHIRAYAMA, Y., and R. FUKUSHIMA Deepsea-1
 Ocean Research Institute, University of Tokyo, Tokyo, JAPAN
 Comparisons of benthic properties between samples collected using a multiple corer and a box corer from bathyal deep-sea in Suruga Bay, central Japan.
- 09:00 SATO, T., and T. FUKUSHIMA Deepsea-2
 Tokiwa Bldg, 1-24-14, Toranomon, Minato-Ku, Tokyo, JAPAN
 Benthic fauna from the deepsea manganese nodule area of the central eastern Pacific.
- 09:30 GUIDI-GUILVARD, L., and A. DINET Deepsea-3
 Observatoire Océanologique, BP 28, 06230 Villfranche-sur-Mer, FRANCE.
 Uptake of labeled diatoms by meiofauna measured *in situ* at 1000 m depth using the Guidi-incubation corer.
- 10:00 DINET, A.L. GUIDI-GUILVARD, H. ETCHEBER, and J.C. RELEXANS Deepsea-4
 Laboratoire Arago, 66650 Banyuls-sur-Mer, FRANCE
 Meiobenthos-sedimentary organic matter relationships and distribution at a northwestern Atlantic continental margin: an assessment of particulate fluxes.
- 10:30 BREAK
- 11:00 SCHRIEVER, G. Deepsea-5
 Institut für Hydrobiologie und Fischereiwissenschaft, Universität Hamburg, Zeiseweg 9, D-2000 Hamburg 50, FRG
 The influence of an artificial disturbance on the harpacticoid copepod community in the deep southeast Pacific Ocean.
- 11:30 GROSS, A., and H. THIEL Deepsea-6
 Institut für Hydrobiologie und Fischereiwissenschaft, AG Biologische Ozeanographie, Universität Hamburg, Zeiseweg 9, D-2000 Hamburg 50, FRG.
 Foraminiferal morphogroups from deep waters of the Faroe-Shetland Channel and their role as indicator taxa in oceanographic research.
- 12:00 VANREUSEL, A., and M. VINCX Deepsea-7
 Zoology Institute, Marine biology section, University of Gent, K.L. Ledeganckstraat, B-9000, BELGIUM
 The factors structuring the meiobenthos densities in the shelf break area of the Gulf of Biscay (N.E. Atlantic).
- 12:30 LAMBSHEAD, P.J.D., and T.J. FERRERO Deepsea-8
 The Natural History Museum, Cromwell Road, London SW7 5BD, UK
 The impact of seasonal phytodetrital material on deepsea nematode assemblages.
- 13:00 LUNCH

THURSDAY AFTERNOON, AUGUST 13

TARDIGRADA SESSION (concurrent with Meiofauna Session)

Room 2110

Chairperson: D. NELSON, Department of Biology, East Tennessee State University, Johnson City, TN 37614, USA

- no show* {
- 14:00 MACKNESS, B. Tardigrada-7
 Department of History and Philosophy of Science, University of Melbourne, Parkville, Melbourne, Victoria,
 AUSTRALIA
 Pioneers of tardigrade research: the first 100 years.
- 14:30 BEASLEY, C.W. Tardigrada-8
 Department of Biology, McMurry University, Abilene, TX 79697, USA
 A fourth report on *Isohypsibius josephi* (Iharos, 1964) with comments on the description.
- 15:30 *BREAK*
- 17:00 *IAM Executive Committee Meeting* Room 2112
- 17:00 *Wine and Cheese Party* Room 2110

MEIOFAUNA SESSION (concurrent with Tardigrada Session)

Room 2102

Chairperson: S. BELL, Department of Biology, University of South Florida, Tampa, FL 33620-5150, USA

- 14:00 FELLER, R. Meiofauna-22
 Department of Biological Sciences and Marine Science Program, University of South Carolina, Columbia, SC 29208,
 USA
 Brown shrimp and meiofauna - when is the connection important.
- 14:30 RADZIEJEWSKA, T., J. FLEEGER, N. RABALAIS, and K. CARMAN Meiofauna-23
 Department of Zoology and Physiology, Louisiana State University, Baton Rouge, LA 70808, USA
 Meiofauna versus sedimented phytoplankton pigments off the Louisiana Coast.
- 15:00 OTT, J. Meiofauna-24
 Institute of Zoology, University of Vienna, Althanstr. 14, A-1090 Vienna, AUSTRIA
 Between oxybios and thiobios: the enigmatic Stilbonematidae (Nematoda) and their chemotrophic
 ectosymbionts.
- 15:30 *BREAK*
- 16:00 DECKER, C.
 Office of Naval Research, Ocean Sciences Directorate, 800 N. Quincy Street, Arlington, VA 22217-5000
 Field distributions and feeding behavior of the harpacticoid copepod, *Pseudobradya* sp.
- 16:30 ROBBINS, B.D., and S.S. BELL Meiofauna-26
 Department of Biology, University of South Florida, Tampa, FL 33620-5150, USA
 Harpacticoid abundance at multiple scales of patchiness: relationship to seagrass density and
 seagrass bed shape.
- 17:00 *IAM Executive Committee Meeting* Room 2112
- 17:00 *Wine and Cheese Party* Room 2110