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JOHN FLEEGER

Editor

Department of Zoology and Physiology
Louisiana State University
Baton Rouge, Louisiana 70803, USA

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Laboratoire Arago, F-66650 Banyuls-Sur-Mer, France

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Dues are \$5 per year and may be paid in US currency or a check or money order in \$ to David Thistle

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

EDITORIAL

Now that SVIMCO is over its time to reflect on the meeting and its meaning to meiobenthology. SVIMCO was very well attended, with the 100 plus attendees representing a nice increase over the last two international conferences. I hope this means that the study of meiofauna is healthy and vital. Part of the reason for this was the location, and the fine effort of the organizers. Drs. Ott, Schiemer, Novak and Danielopol did an excellent job in putting together a program which represented the many facets of meiobenthic research. Sessions and keynote addresses on groundwater, distributions along gradients, faunistics - biogeography and trophic studies were given and everyone felt that their work was welcome in Vienna. My personal highlights were the groundwater sessions (which was a chance for marine people to learn how research in a similar yet different field is conducted), the balance of presentations across so many areas in meiofaunal research, the computer workshop and Olav Giere's presentation of how not to give a scientific paper (see titles and authors below). Last but not least, the social arrangements were excellent and allowed everyone the renew old acquaintances and make new friends. A great time was had by all, and the society owes a debt of thanks to the Vienna organizers.

To let everyone know what took place at SVIMCO, I have added a list of the presenters and titles. The conference booklets (including abstracts) will be mailed with Psammonalia at a later date to those who could not attend. I also obtained copies of limericks written for the final conference dinner (what a party that was!) and present them here.

Please remember that we are in the midst of an election. Ballots were in the May issue and you have to 1 November to send them to me (if you have not done so already). For the US members, consider paying dues in advance because the treasury will move overseas at the first of the year. Please note the computer usage questionnaire from Bill Hummon on the last page.

John Fleeger

" Conference Classic
The lecture given by Giere
Brought truth further not nearer
Except for his graph
Of x 2 1/2
Which could not have not have been clearer.

Pat Boaden "

"
Das Grammelschmalz
I wonder what acts as the trigger
Controlling the Austrian figure
Those living abroad
Stay thin like a sword
At home they get bigger and bigger

Pat Boaden "

NEWS FROM THE MEMBERS

From Bill Hummon:

Bill spent the summer looking for elusive gastrotrichs at the Dipartimento di Biologia Animale, Univ. degli Studi di Modena, Via Univ. 4, 41100 Modena, ITALY.

From Prof. Dr. W. Westheide:

Prof. Schuster, Graz (Austria) asked me to inform interested meiobenthologists, that the entire collection (including types) of Professor von Graff is now deposited in the Naturhistorisches Museum Wien, and the collection of Professor Reisinger (mostly Plathelminthes, Annelida, etc.) has been given to the II. Zoologisches Institut und Museum, Universität Göttingen (Prof. P. Ax).

From Bob Higgins:

Orders for "Introduction to the Study of Meiofauna" from Africa, England, Europe, and the Middle East may now be placed with BURKARD-STADLEMAN, Dieselstrasse 5, D-6070 Langen/Hessen, Fed Rep Germany (Tel. 6104-79836). The quoted price of \$39.95 US is only for books purchased from the US address: SMITHSONIAN INSTITUTION, Department 900, Blue Ridge Summit, PA 17294-0900 (credit card orders may be phoned in to 719 794-2148). If ordered from this latter address, a charge of \$2.25 US is required for postage and handling. Non-US orders are accepted by this latter address.

" To Wolfgang and Dörte
There is one major illusion
In our conference conclusion:
Stromatolites are felt to exist,
Yet unseen by all scientists
Creation through rum in dilu(s)ion?

Olav Giere "

NEW MEMBERS

Diana W. Freckman
Ecology Program, National Science Foundation,
Washington, D.C., 20550, USA

Santiago Torres Curbelo
Dept. Biología, Aptdo 550, Las Palmas, SPAIN

Esther Martinez-Murillo
Lab. Protozoología, Fac. Ciencias, U.N.A.M., Apdo.
Postal 70-374, Ciudad Univ., C.P. 04510, MEXICO, D.F.

" To Karsten Reise:
The question of thiobios
Is based on a lie and on liars:
The devilish smell
Grants them pleasures in hell
Firm belief is all it requires.

Olav Giere "

CHANGE OF ADDRESS

Mike Murrell
Horn Point Lab, PO Box 775, Cambridge, MD 21613, USA

Antonieta Aladro-Lubel
Lab. Protozoologica, Fac. Ciencias, U.N.A.M., Apdo.
Postal 70-374, Ciudad Univ., C.P. 04510, MEXICO, D.F.

Primitivo Aceret
Department of Chemistry and Biochemistry, James Cook
University of North Queensland, Townville, Queensland,
4811, AUSTRALIA

Erin Claire O'Doherty
P.O. Box 8262, Fort Collins, CO 80526, USA

Preben Jensen
Kobenhavns Universitet, University of Copenhagen
Strandpromenaden 5, DK-3000 Helsingor, Denmark

Julian Smith III
Department of Biology, Winthrop College, Rock Hill, SC
29733 USA

" Cartesian Verses
Small worms are a blasphemous lot
When cursing the gods that they've got
I once heard one declare
As it came up for air
Damn Rudi, Dan, Fritz-Oh mein Ott!

Pat Boaden "

ANNOUNCEMENTS

4 Oct 1989, Oban Argyll, Scotland. UK.
24th European Biology Symposium.
Scottish Marine Biological Association, The
Dunstaffnage Marine Research
Laboratory; The School of Molecular and Biological
Sciences, University of
Stirling.

Trophic relationships Feeding behavior.
CONTACT: 24th EMBS, Symposium Office, The Dunstaffnage
Marine Research
Laboratory, P.O. Box 3, Oban, PA34 4AD, Argyll,
Scotland, UK.

16 Oct 1989, Copenhagen, Denmark
Nordic Council International Conference of the
Pollution of the Seas.
Nordic Council, Secretariat of the Presidium.
Marine pollution.
CONTACT: Nordic Council, Box 19506, S-104 32
Stockholm, Sweden.

" To Jörg Ott:
Just compare the nutrition of Ott
With that of his nematod:
While Jörg goes for wine,
Sulfide would by fine
For his worms--a deplorable lot!

Olav Giere "

ORAL CONTRIBUTIONS TO SVIMCO

ABDUL AZIS, P.K. AND G.M. KUMAR
Dynamics of interstitial fauna in the silicious and
monazite marine sandy beaches of Kerala, South India
ACERET, P.S
Occurrence and distribution of shallow water

meiobenthic free-living marine nematodes from the
littoral zone of Varadero Bay, Puerto Galera, Oriental
Mindoro

ARLT, G.
Meiofauna studies in the Darss-Zingst bodden chain - a
seriously eutrophicated shallow water estuary on the
south western Baltic coast

ARUNACHALAM, M. AND N. BALAKRISHNAN NAIR
Nematodes associated with the seagrass *Halophila*
ovalis in the Ashtamudi Estuary, south-west coast of
India

BELL, S.S.
Changing subtidal landscapes and harpacticoid copepod
communities in a subtropical estuary

BERTOLANI, R., L. REBECCHI AND G. BECCACCIOLI
Relationships among sexuality, reproduction and
diffusion in *Ramazzottius* (Tardigrada)

BLANCHARD, G.
Study of trophic relationships among meiofauna and
microphytobenthos through spatial microdistribution
analysis

BODIN, P.
Impact of the Amoco-Cadiz oil spill on reproductive
cycles of some harpacticoid copepod species

BOTOSANEANU, L. AND J.R. HOLSINGER
Some aspects concerning colonization of the
subterranean realm - especially of subterranean
waters: a response to R. Rouch and D.L. Danielopol,
1987

BOUCHER, G.
Pattern of Nematode species diversity in temperate and
tropical coastal sediments

BOVEE, F. DE & J. PH. LABAT
Modelling of the deep biological benthic compartment
CREUZE DES CHATELLIERS, M.

The macrodistribution of the microcrustacean in a by-
passed canal: Relation between superficial and
interstitial compartment

CURINI-GALLETTI, MARCO, C. & PAUL M. MARTENS
Correlation between karyological and ecological
evolution of the Proseriata (Platyhelminthes, Seriata)

DIMENTMAN, CH. AND F.D. POR
Origin of the subterranean fauna of the Dead Sea Rift
Valley: new records

DAIMS, HANS-UME, MARC BERGMANS & HORST KURT SCHMINKE
Sea-ice inhabiting Harpacticoida (Crustacea, Copepoda)
of the Weddell-Sea (Antarctica)

DANIELOPOL, DAN L.
Spatial distribution and activer dispersal of
interstitial Crustacea into alluvial sediments of a
backwater of the Danube at Vienna

DECKER, CYNTHIA J.
Behavioural responses of two harpacticoid copepod
species to food patches of varying quality and size

DUNNICKA, E. AND K. WOJTAN
Differences between cave water ecological systems in
the Krakow - Czystochowa Upland

EHLERS, U.
New insights into the phylogeny of lower metazoa
FERRERO, T.J.

The effect of the feeding activity and burrow
structure of the lugworm *Arenicola marina* on free-
living marine nematode assemblages

FLEGER, J.W. AND T.C. SHIRLEY
Harpacticoid copepod species responses to
sedimentation from a spring phytoplankton bloom

GALTSOVA, V.V.
Species structure and organization of littoral
nematode taxocene of Kandalaksha Bay of the White Sea

GEE, J.M., R.M. WARWICK AND K.R. CLARK

A preliminary analysis of the structure of the metazoan community of marine algae and the influence of habitat dimensionality

GEIGER, WALTER AND YU YIN

Eutrophication induced disturbance and recovery of ostracod Assemblages in Mondsee (Austria)

GIBERT, JAMINE

Groundwater/surfacewater ecotone: Biodiversity and distribution strategy of meiofauna

GIERE, O, I. RONIC, U.B. QUITOUS, A.L. ARMING AND A.N.D. VAN DAMENTAL

The perpetual and versatile meiobenthos paper - a conference classic?

GIERE, O. AND CHR. SCHMIDT

The microdistribution of gutless oligochaetes - controlled by the metabolic needs of their bacterial symbionts?

GLATZEL, THOMAS

The biology of *Parastenocaris phyllura* Kiefer (Copepoda, Harpacticoida)

GOLEMANSKY, VASSIL

Thecamoebians psammobionts du bassin Mediterraneen

GOURBAULT, NICOLE

Micro-meiofauna distribution, assemblages and trophic strategies in a semi-closed atoll (Eastern Tuamotu Archipelago)

GRIMALDI DE ZIO, S., M. D'ADDABBO GALLO AND M.R.

MORONE DE LUCIA

A revision of the genus *Halechiniscus*

GUIDI, LAURENCE D.

Quantitative distribution of metazoan meiofauna on the NW Mediterranean continental slope (600 - 2400 m)

HICKS, GEOFFREY R.F.

Does epibenthic structure negatively affect meiofauna?

HIGGINS, ROBERT P.

A contemporary look at kinorhynch anatomy

HUMMON, WILLIAM, D.

Fetch-Energy index of coastal exposure: A posteriori modification to account for predominant regional weather patterns

HUYS, R.

Tantulocarida (Crustacea: Maxillopoda): a new taxon of the temporary meiobenthos

JOUK, PHILIPPE E.H. AND ERNEST R. SCHOCKAERT

The turbellarian fauna in Belgian sandy beaches

KARAMAN, G.

The subterranean fauna of amphipoda in Yugoslavia and its origin

KISIELEWSKI, JACEK

Origin and phylogenetic significance of freshwater psammic Gastrotricha

KOMARC, VERENA ANNA

Production of a harpacticoid copepod in a second order mountain stream

KRISTENSEN, REINHARDT MOBJERG

Ultrastructure of Loricifera

LAMBSHEAD, P.J.D., M. PERRY & P. BARNETT

Nematode biodiversity along a transect in the Rockall Trough

MALAKHOV, V.V.

Embryonic development of free-living marine nematodes and its importance for the systematization and phylogeny

HARMONIER, P.

Effect of flooding on microcrustacean communities in the interstitial habitats of the Rhone River

MONTAGNA, PAUL A.

Meiofaunal - microbial interactions in food chains and

nutrient cycling

MORONE DE LUCIA, M. & M. D'ADDABBO GALLO

Marine tardigrades from southern Italy (Lower Adriatic and Ionian Sea)

NEBELSICK, MONIKA

Transmission and Scanning electron microscopic investigations of the "sensory spot" in *Echinoderes capitatus* (Kinorhyncha: Cyclorhagida)

NEUHAUS, BIRGER

Ultrastructure of the alimentary tract and the body cavity in Kinorhyncha: Significance for the systematization of the Nematelminthes

NICHOLAS, WARWICK L. AND AIMORN STEWART

Thiobiotic meiofauna in Australian mangrove ecosystems

NILSSON, PER

Microbial production and meiofauna grazing rates: effects of experimentally increased nutrient loads

PALMER, MARGARET A.

Understanding the dynamics of stream-dwelling meiofauna using marine analogs

PETROVA, ANELIA A.

Origin and formation of the subterranean water-mites

PLATT, H.M.

Meiofauna of the Mersey Estuary, U.K.

PONT, DIDIER

Ostracods in freshwater trophic webs: the example of Camargue's ricefield (South-East, France)

PREJS, KRYSZYNA

Importance of predation in regulation of meio- and macrofauna density in tropical water bodies

RADZIEJEWSKA, TERESA

Meiobenthic communities in the Szczecin Lagoon (NW Poland)

RIEGER, R.M.

Odds and ends of new types in marine meiofauna

RIEMANN, FRANZ

Acetate uptake from ambient water by the free-living marine nematode *Adoncholaimus*

RIEGER-KIRCHNER, MARIANNA

Macroalgal decomposition: Role of microorganisms, micro- and meiofauna

SANDULLI, R.

Assessment of coastal pollution using meiofaunal communities as a biomonitoring tool

SARKKA, JUKKA

The harpacticoid fauna of lake profundal and relation of species to eutrophication and organic loading

SCHMIDT, CHRISTIAN C.

The freshwater nematode *Tobrilus aberrans*: A

thiobiotic form?

SCHRIEVER, GERD

Disturbance and Re-colonization experiment in a manganese nodule area of the deep South Pacific

SERGEEVA, M.G.

Concerning possibility of meiofauna dwelling at maximum depths of the Black Sea

SHIRAYAMA, YOSHIHISA

Electron microscopic study of free-living marine nematodes of family Desmoscolocidae

SMOL, M., R. HUYS & M. VINCK

A 4-years analysis of the meiofauna community of a

dumping site of TiO₂-waste off the Dutch coast

STANFORD, J.A.

Structure and function of the hyporheic food web of the Flathead River, Montana, USA

STERRER, WOLFGANG

Global biogeography of Gnathostomulida

THISTLE, D., FL. ECKMAN AND J.E. ECKMAN

The effect of structure on the benthic copepods at a

deep-sea site

VANREUSEL, ANN

A discussion on the appropriateness of nematode community parameters for monitoring of the Dutch Delta Region

VINCX, MAGDA

Seasonal fluctuations and production of nematode communities in the Belgian coastal zone of the north sea

DE VOCHT, ALAIN

The proboscis in Eukalyptorhynchia (Platyhelminthes, Rhabdocoela): some phyletic considerations

WALOSSEK, DIETER AND KLAUS J. MULLER

Are the small arthropods of the Upper Cambrian of Sweden representatives of meiobenthic faunal communities?

WALTERS, K.

Influences of meiofauna on benthic microbial populations in subtropical seagrass beds

WARD, J.V. AND NEAL J. VOELZ

Gradient analysis of interstitial meiofauna along a longitudinal stream profile

WARWICK, R.M. AND J.M. GEE

The effect of disturbance by soldier crabs, *Mictyris platycheles* H. Milne Edwards, on meiobenthic community structure

WARWICK, R.M., H.M. PLATT, M.C. AUSTEN AND M.C. ROSADO

The differential response of meiobenthic and macrobenthic communities to physical disturbance

WESTPHALEN, DORTE

Meiofauna of Stromatolites

WILLEMS, K.A. AND J.C.R. GOVAERE

The community structure of meiobenthic copepods in the Eastern Scheldt (SW-Netherlands): an indirect gradient analysis

WILLIAMS-HOUZE, JUDY

Secretary avenues of the cyst-building harpacticoid copepod, *Heteropsyllus nunni* Coull.

POSTER CONTRIBUTIONS TO SVIMCO

ACERET, P.S.

Occurrence and Distribution of *Metoncholaimus* sp. (Filipjey, 1918) in Varadero Bay, Puerto Galera, Oriental Mindoro, Philippines.

BESTEIRO, C., V. URGORRI AND J.S. TRONCOSO

Presence and distribution of the interstitial fauna in the coast of Ceuta (N. Africa).

CECCHERELLI, V.U., M. MISTRI AND C. CORAZZA

Biogeographic aspects of harpacticoids taxocoenoses of some mediterranean brackish environments

CHULLASORN, SUPAWADEE

Studies on sediment meiofauna from Khlong Rawon, Rayong Province, Thailand

ELEFThERIOU, A.

The meiofauna of the North Eastern Mediterranean Sea. Preliminary observations of the Aegean and Cretan Seas.

FLEEGER, J.W. AND M.A. PALMER

Small-scale distribution of meiobenthic copepods on a tidal mudflat

GEIGER, WALTER

Application of O₂-Microelectrodes in lacustrine sediments.

KOLESHNIKOVA, E.A.

Harpacticoids inhabiting the Black Sea *Cystoseira* thicket

MONTAGNA, PAUL A.

Meiofaunal populations and freshwater inflow in estuaries of Texas, USA

NEBELSICK, MONIKA

Antygomonas incommitata gen. et spec. nov. (incertae sedis), a new genus of Kinorhyncha from the Northern Adriatic Sea

NEUHAUS, BIRGER

Ultrastructure of the protonephridia of the Kinorhyncha

PALACIN, CRUZ AND DANIEL MARTIN

Spatial distribution of meiofauna in a mediterranean shallow-water bay and its relation with macrofauna.

PARAPAR, J. AND C. BESTEIRO

Mesopsammic polychaeta of the Ceutian littoral (N. Africa)

PLANELLES, P. AND C. BESTEIRO

Mesopsammic Foraminifera of the Ceutian littoral (N. Africa)

POSPISIL, PETER

Proposals for groundwater meiofauna protection within the National Park "Donau-March-Thaya" in the Danube wetlands, Austria.

POSPISIL, PETER

Investigations on the subterranean fauna and on the oxygen concentration of the groundwater of the "Lobau", Vienna, using the double-packer-sampler.

ROIDOU, E. AND A. ELEFThERIOU

The meiofauna of the Northeastern Mediterranean Sea preliminary observations of the Aegean and Cretan Sea

SCHIEWER, F., R. NOVAK & J.A. OTT

Oxygen consumption by marine free-living nematodes (Desmodoridae: Stilbonematinae) and their symbiotic microorganisms.

SERGEEVA, N.G.

Concerning morphological anomalies of *Terschellingia pontica* Fil (Nematoda, Monhysterida) in the Black Sea

TCHESUNOV, A.V.

Free-living Nematodes in the Caspian Sea

DE VOCHT, ALAIN

The proboscis in Eukalyptorhynchia (Platyhelminthes, Rhabdocoela): some phyletic considerations.

WAGENLEITNER, HARALD

Morphology and evolution of *Cypria cavernae* n. sp. (Ostracoda/Crustacea)

WALZL, M.

Zelinkiella synaptae (Philodinidae, Bdelloidea), a rare marine rotifer associated with adult *Caecum glabrum* (Caecidae, Prosobranchia).

ZACHARIADOU, T.

Preliminary observations on the composition of the meiobenthos of in the Gulf of Saronikos.

CURRENT LITERATURE

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SEVENTH INTERNATIONAL
MEIOFAUNA CONFERENCE



AUGUST 21 - 25, 1989

UNIVERSITY OF VIENNA

VIENNA

AUSTRIA

QUESTIONNAIRE
 Membership of the International Association of Meiobenthologists

Name: _____

Address:

I would like to be part of an interest group in computer applications in the area of meiofauna research (____) and/or teaching (____).

I am interested (a) in becoming knowledgeable about (____) or (b) in contributing to (____) this area of computer applications.

Experience and systems:

List competence (comp.): O-None, N-Novice (cursory knowledge), E-Experienced (capable user), X-Expert (able to troubleshoot problems).

I (can) have use of the following types of computer items; A-occasional or scheduled access, or D-they are more-or-less at my disposal whenever I have use of them.

	<u>Comp.</u>	<u>Use</u>		<u>Comp.</u>	<u>Use</u>	
Hardware:	___	___	Apple/Macintosh	___	___	PC, AT
	___	___	Mainframe	___	___	Other (specify)
Operating System:	___	___	Apple/Macintosh	___	___	CPM
	___	___	DOS	___	___	OS2
	___	___	Unix	___	___	Other (specify)
Applications:	___	___	Word Processor (specify)			
	___	___	Statistics package (specify)			
	___	___	Graphics package (specify)			
	___	___	Database package (specify)			
	___	___	Spreadsheet package (specify)			
	___	___	Drawing/CAD package (specify)			
	___	___	Programming language (specify)			
	___	___	Communications package (modem, FAX, etc; specify)			
	___	___	Other (specify)			

(over)

Input/Output Devices (specify what type of devices and to what they are attached):

___ ___ Mouse

___ ___ Light Pen

___ ___ Digitizer

___ ___ Scanner

___ ___ Other (specify)

Comments:

Please return this questionnaire to Bill Hummon before the end of the SVIMCO-89 Meeting, or mail to:

Dr. William D. Hummon
Department of Zoology
Ohio University
Athens, Ohio 45701 USA