

# PSAMMONALIA

Newsletter of the International Association of Meiobenthologists



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Newsletter of the International Association of Meiobenthologists

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Membership in the Association is open to anyone who wishes to join. There are no prerequisites. Annual dues of 4 US dollar, payable in belgian francs (appr. 200 BF), include subscription to Psammonalia. Payment for one year in advance is acceptable. Payment should be made to THE INTERNATIONAL ASSOCIATION OF MEIOBENTHOLOGISTS by international money order or draft in belgian francs on A.S.L.K., Normalschoolstraat 16, B-9000 Gent, Belgium, account nr. 001-1189354-16.

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This document is not part of the scientific literature and is not to be cited, abstracted or reprinted as a published document.

FROM THE EDITOR

### Thanks

In the name of the Association and even more in my personal name I want to thank Bob Higgins - who had to take over the chairpersonship quite unexpectedly two years ago - for doing such a splendid job in running the Association and helping it to remain the important vehicle in the promotion of the study of meiofauna it has been since more than ten years.

Thanks are also due to Lee Pollock, who served as treasurer, and to the members of the Executive Committee and the Board of Correspondents, most of whom did their job so well that they have been forced to continue.

### What about the future?

It is my hope, of course, that Psammonalia will continue as before, with the help of all the members of the Association. It is important that members assist in compiling the list of recent literature, that new members send us a short notice on their research activities, that we get information about meetings, conferences or any other matter that might be of interest.

The future of meiofauna research does not seem to be too bright. Although the Association has done much in promoting ideas about meiofauna and marine scientists are at least aware that meiofauna exists, there has not been an important and qualitative increase in research in the last few years and from discussions with many colleagues it is my impression that meiofauna research will have trouble getting financed in many countries in the coming years. We will need good advocates and good research.

As it is not my intention to start my chairpersonship sounding too pessimistic I might point out that in fact the Association should act actively in countering this tendency and I invite all members to contribute to a discussion about the future of meiofauna research.

### Changes to the constitution

Bob Higgins and Duane Hope propose the following changes to the constitution:

Article 11, Nominations, should be changed, in part, to read: "Nominations for any officer shall be made in writing by any two members of the Association not later than April (Old text: July) 1st in an election year." (The next election year is 1983, so nominations should arrive before 1 April 1983).

Article 12, Elections, should be changed in part to read: "Should elections of Officers be necessary, these will be held by mail ballot. The Chairperson, in his/her capacity as Editor, shall mail ballots to each member with the May (Old text: in an issue of the newsletter before October 1st) issue in an election year. . . . the chairperson shall count and record the votes received by November 1st and include the results in the November issue of the newsletter (underlined words are added).

Article 15, Amendments, should have the following statement added: "Proposed constitutional amendments must be included in a newsletter 6 months in advance of balloting in order to receive and inclu-

de in the balloting issue any comments received during this interim. The close of receipt for ballots shall be the first day of the sixth month following the balloting issue and the results shall be included in that month's newsletter."

Bylaw 1, Annual dues, should be changed, in part, to read: "Annual dues for Regular Members shall be determined by the council. The rate for Sustaining Members shall be twice that of Regular Members and the rate for Patron Members shall be five times that of Regular Members."

Members wishing to comment on these proposed changes should do so before the 15th of May. As the February issue will be a bit late (for which we apologize) we will prepare the May-issue for the end of that month.

### VIMCO

As already mentioned in the November 1981 issue VIMCO will be organized from 15-19 August 1983 in Ghent, Belgium. The first announcement is included in this issue.

### FROM THE MEMBERS

#### The Science of Meidzobenthology

When Mare coined the term "meiobenthos" in 1942, she chose "meio" from the Greek "meion" meaning "smaller" in order to contrast with "macro" and "micro". This choice seems to me to be somewhat inappropriate since "meion" would have been used in a comparison of only two things or categories, but her actual intent was to distinguish among three groups. We should consider ourselves fortunate that she did not make the equally logical choice of "meidzo" meaning "larger" which would have made us all meidzobenthologists. The appropriate prefix is "meso" which means "in the middle" and would give the natural classification of macrofauna, mesofauna and microfauna. The use of macro-, meso- and micro- is common in many other areas and even in ecology (for example macro-, meso- and microcosm). I am not sure if it is possible after forty years to alter our usage, but I suggest that we ought to be calling ourselves mesobenthologists and the animals we study mesofauna.

On the other hand, for those traditionalists who insist on remaining meiobenthologists, at least let's say the word correctly. My ancient Greek friends tell me that the accepted pronunciation of the "ei" in "meio" is to rhyme with "say", not with "sigh". And for those of us willing to plunge ahead, the "e" in "meso" is pronounced as in "step", not as in "steep".

As to what the real significance of all this is, who knows? My thanks to Paul Roth of the Classics Department at Bowdoin College.

--Leon M. Cammen  
Mesobenthologist

MEETINGS OF INTEREST

17th European Marine Biology Symposium. Brest, France, 27 Sep - 1 Oct 1982.

Topic : Fluctuation and succession in marine ecosystems

The effect of natural events or anthropogenic disturbance on individuals, species or communities.

- Is it possible to distinguish short term or long variations of ecosystems characteristics, from abnormal fluctuations ?
- What strategy for an ecosystem survey ?

Date : Arrival Sunday September 26
Departure Saturday October 2

Place : University of Western Brittany
Marine Research Institute
6, Avenue Le Gorgeu
BREST, FRANCE

Registration fee and accomodation :
FF 300 - including receptions, social events and a copy of the published proceedings.
FF 180 - for companions and students.
The participants will be accomodated in hotels in the center of the town. A limited number of rooms is available for the students on the campus of the University.

BREST can be reached by train from PARIS, by plane from LONDON and PARIS. The car ferries PLYMOUTH - ROSCOFF can be a good way.

It is a joint invitation from :

- L. CABIOCH C.N.R.S., National Center for Scientific Research, Biological Station of ROSCOFF
M. GLEMAREC I.E.M., Marine Research Institute, University of Western Brittany, BREST
J.F. SAMAIN C.N.E.X.O., National center for Exploitation of Oceans
C.O.B., Oceanological Center of Brittany, BREST

17th EUROPEAN MARINE BIOLOGY SYMPOSIUM
BREST, 27 Sep - 1 Oct 1982

I wish to present a 20-minute paper
Title :

I wish to present a poster

I intend to participate without presenting a paper

Name :
Institute :
Address :

I will be accompanied by :

Date : Signature :

§ Final decision on paper acceptance will be based on abstracts, which must be submitted before March 1st, 1982.

A second circular will be issued in April 1982.

The 4th Workshop on Nematoda

The 4th workshop on nematodes will be held in Roscoff, France, 22 - 25 August 1983. Further announcements concerning the organization committee and details of this meeting will be in a forthcoming issue of the newsletter.

An international meeting on the Origins and Relationships of Lower Invertebrates.

Organized by The Systematics Association, British Museum (Natural History), 7 - 9 September 1983.

This three day meeting is designed to bring together leading workers and authorities on many of the phyla of lower invertebrates. Discussions will primarily involve living animals, but aspects of the fossil record will also be considered. Topics will include appraisals of current research into individual phyla and their possible relationships to other major groups. A provisional plan is to present a number of wide ranging reviews, complemented by more specialized talks.

- Provisional list of topics and speakers :
Metazoan phylogeny. R.B.Clark (Newcastle, U.K.)
The major types of soft body construction and their development. W.F.Gutmann (Frankfurt, West Germany)
Functional aspects of life cycles and their phylogenetic significance: the evidence of the larval ciliary bands. C.Nielsen (Copenhagen, Denmark)
Relationships within the Demospongia. P.R. Bergquist (Auckland, New Zealand)
Coralline sponges and the evolution of the Porifera. J.Vacelet (Marseille, France)
Speculations on coelenterates. E. Robson (Reading, U.K.)
The classification and evolution of Ctenophora. G.R.Harbison (Townsville, Australia)
The phylogenetic system of the Platyhelminthes. U.Ehlers (Göttingen, West Germany)
The Seriata, a group of platyhelminths. B.Ehlers (Göttingen, West Germany)
The acoel turbellarians: kingpins of metazoan evolution or a specialized off-shoot? S. Tyler (Orone, U.S.A.)
Nutritional and reproductive strategies as factors in the evolution of the symbiotic Platyhelminthes. J.B. Jennings (Leeds, U.K.)
The phylogenetic position of Gnathostomulida and Platyhelminthes within the Bilateria. P. Ax. (Göttingen, West Germany)
Gnathostomulida: enigmatic as ever. W.E. Sterrer (Bermuda)
Comparative ultrastructure of the acoelomate organization. R.M.Rieger (Chapel Hill, U.S.A.)
New information on nemertean. G.Berg (Gothenburg, Sweden)
Structure, function and success in nematode evolution. S. Lorenzen (Kiel, West Germany)
Nematode origins. H.M. Platt (London, U.K.)
Why is a gastrotrich? P.J.S.Boaden (Portaferry, U.K.)
Affinities and intraphyletic relationships of the Priapulida. J. van der Land (Leiden, Netherlands) and A. Nørrevang
Sipuncula: developmental evidence for phylogenetic inference. M.E.Rice (Washington D.C., U.S.A.)
New evidence for the phylogenetic origin of the Annelida. M.E. Fransen (Fort Pierce, U.S.A.)
Polychaeta relationships. C.Mettam (Cardiff, U.K.)

The polychaete families and the ancestral annelid:  
a study of the different explanatory models.  
K. Fauchald (Washington, D.C., U.S.A.)  
The systematic position of the Dinophilidae and the  
archannelid problem. W. Westheide (Göttingen,  
West Germany)  
Pogonophores. E. Southward (Plymouth, U.K.) and  
J.D. George  
The Vestimentifera: their biology and affinities.  
M.L. Jones (Washington, D.C., U.S.A.)  
Fossil evidence on the lower invertebrates.  
S. Conway Morris (Milton Keynes, U.K.)  
Summarizing remarks on the origins and relation-  
ships of lower invertebrates. R.D. Barnes  
(Gettysburg, U.S.A.)

It is also hoped to arrange a number of poster  
displays, and anybody interested in this type of  
exhibit is requested to return details on the slip  
below.

Accommodation: It is planned to arrange accomoda-  
tion in a Hall of Residence in Imperial College,  
which is adjacent to the British Museum (Natural  
History). Most rooms are single and the Hall can  
offer meals. Provisional costs are expected to be  
about £12 per night including breakfast.

Dates: Arrival Tuesday September 6  
Departure Saturday September 10

Organizing Committee :

Dr. S. Conway Morris. Dept. of Earth Sciences,  
Open University, Milton Keynes, MK7 6AA, England.  
Dr. J.D. George and Dr. H.M. Platt. Dept. of  
Zoology, British Museum (Natural History),  
Cromwell Road, London SW7 5BD, England.  
Dr. R. Gibson. Dept. of Biology, Liverpool  
Polytechnic, Liverpool

Circular 2 will be distributed later in 1982.  
It will contain further details of accommodation  
and prices, the registration fee, schedules of  
meetings and other planned events. If you are  
interested in coming to this Meeting it would be  
very helpful to return the slip below. Those com-  
pleting this slip will receive further details.

ORIGINS AND RELATIONSHIPS OF LOWER INVERTEBRATES

First circular

Please return this slip to: Dr. S. Conway Morris,  
Dept. of Earth Sciences, Open University, MILTON  
KEYNES, MK7 6AA, England.

Name :

Title :

Address :

Post/Zip Code: Country:

My attendance at the Meeting is

very probable° probable° unlikely°

I am/am not° interested in preparing a poster

Its tentative title is:

I expect/ Expect not° to take accommodation in the  
Hall of residence.

I plan provisionally to stay 3/4° nights

° Delete as appropriate

FINAL TREASURER'S REPORT, 1981

	#50 11/80	#51 2/81	#52 5/81	#53 8/81	#54 11/81	#55 2/82
Balance forward	\$2305.14	\$2255.49	\$2372.73	\$2461.23	\$2339.81	\$2326.36
Deposits	137.00	151.00 98.00 88.00	208.00 69.41	69.00 63.00	212.00 37.00	268.00
Total	2442.14	2592.49	2650.14	2593.23	2588.81	
Expenses	176.65 10.00	212.76 7.00	188.91	227.22 8.00 18.20	262.45	
Total	186.65	219.76	188.91	253.43	262.45	
Balance	\$2255.49	\$2372.73	\$2461.23	\$2339.81	\$2326.36	

We have ended the 1981 year with \$70.87 more than we had to start the year. Therefore, in accordance with Bylaws 1 and 5, I have sent a check for the equivalent to that in Francs to be added to the Bertil Swedmark Fund at Banyuls-sur-Mer.

I have received a substantial number of payments in advance from US members and have indicated them as deposits toward the first issue of the new regime, #55. There will be a few postage expenses associated with the switch of treasury records to Belgium. These will appear as expenses against issue #55.

I leave the office of the Treasurer with several thoughts - but unfortunately, with fewer solutions. I believe that there may well be substantial advantage to establishing a permanent business office for the group's funds. Such a move would require careful choice of location to select a situation and currency available to most members. Undoubtedly, it would also require some involved legal negotiations regarding taxation status and the like. But there would be clear advantages to the establishment of bookkeeping procedures that do not change every two years with each new administration. I do not believe the problem of the treasurer's office being in one country while the editor is in another is insurmountable. In four years in this position, I have only had to upon our account about 25 times. Further, the possibility of placing our funds in an interest-bearing circumstance of some sort is obviously attractive.

Finally, let me reassure any of you asked to serve in this capacity in the future, that the job is really quite manageable. The chance to have even brief contact with research friends in this way is gratifying amidst our busy schedules and I must say that my son's stamp collection has benefited enormously!

Respectfully submitted,  
Leland W. Pollock  
Past-Treasurer, IAM.

NEW MEMBERS

J. Emmet Duffy	82	Daniel Perlmutter	82	Petra Scharnofske	83
Zoology Dept.	RM	Institute of Ecology	RM	II. Zoologisches Institut	RM
Univ. of Maine at Orono		University of Georgia		Berlinerstr. 28	
Orono, ME 04469 USA		Athens, Georgia 30602 USA		D-3400 Gottingen	
				Germany (FRG)	
Uwe Noldt	83	Maria del Pilar Garcia de Mari	82	Bernd Scherer	83
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Berlinerstr. 28		San German, Puerto Rico, 00753		Berlinerstr. 28	
D-3400 Gottingen				D-3400 Gottingen	
Germany (FRG)		Shun-ichi Sasaki	83	Germany (FRG)	
		Zoological Institute	RM		
Hennig von Nordheim	83	Faculty of Science			
II. Zoologisches Institut	RM	Hokkaido University			
Berlinerstr. 28		Sapporo, Japan			
D-3400 Gottingen					
Germany (FRG)					

CHANGED ADDRESSES

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Biology Department	RM	Thimann Laboratories	RM	Dept. Biology	RM
Univ. of South Florida		Univ. of California		Univ. Southwestern Louisiana	
Tampa FLA 33620 USA		Santa Cruz, CA 95064 USA		PO Box 43835	
				Lafayette, LA 70504 USA	
Miranda MacQuitty	82	A. Aladro-Lubal	82	Eeva Jkonen	85
Dept. of Entomology	RM	Etna No 15-H	RM	College of Veterinary	RM
Smithsonian Institution		Col Alpes		Medicine	
Washington, DC 20560 USA		Deleg. Alvaro Obregon		Hameentie 57	
		01010 Mexico D.F.		00550 Helsinki 55	
Stuart Findlay	83	Catalina Pastor de Ward	85	Finland	
Institute of Ecology	RM	Diaz Vélez 880	RM		
Univ. of Georgia		1636 Olivos			
Athens, GA 30602 USA		Provincia de Buenos Aires			
		Argentina			

## INTERNATIONAL ASSOCIATION OF MEIOBENTHOLOGISTS

MEMBERS AS OF 1 JANUARY 1982

Alphabetical List by Country (\*)

(\*)members who have paid their 1981 contribution are also included. Next to each name the year of expire of the membership is added. Those who didn't pay their 1982-contribution will not receive a next issue ... until the treasurer will receive a new payment! (a complete list of the members with their addresses will appear in the next issue).

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Pallares R E (81)	Library (Dartmouth)(81)	Rouch R (82)	Sasekumar A S (82)
Pastor C (85)	Library (Br.Columbia)(82)	Soyer J (81)	
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Herman R (82)	Varmo R (83)	Grimaldi P (83)	Library(Blomsterdalen) (81)
Institut (Bredene) (83)	FRANCE	Grimaldi-De Zio S (83)	PEOPLES REP CHINA
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	Pilorge G (81)		
	Poizat C (82)		



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Hendelberg M (82)  
Karling T G (FR)  
Olsson I (83)  
Widbom B (83)

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Dye A H (81)

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Coles J W (83)  
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Eleftheriou A (82)  
Goddard M (82)  
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Gooday A (82)  
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Murison D J (82)  
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Bird D J (81)  
Bishop J M (81)  
Blake J A (81)  
Bolton H S (82)  
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Boyer B (82)  
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Dean H K (82)  
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Dow D (82)  
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Ferris R J (83)  
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Frithsen J (83)  
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Gelder S R (83)  
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Library(Miami) (82)  
Library(Moss Landing) (82)  
Library(Narrangansett) (83)  
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Munson D A (83)

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Nichols F H (82)  
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Palmer M (81)  
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Pennak R W (83)  
Perkins T H (81)  
Perlmutter D (82)  
Pollock L W (83)  
Powell E M (81)  
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Rae J (81)  
Redman C M (82)  
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## WEST GERMANY

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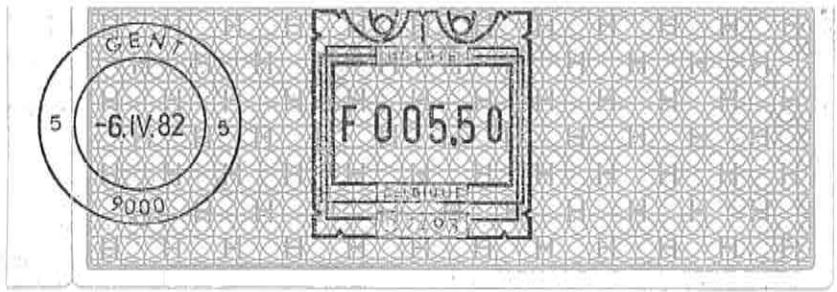
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UITWISSELING VAN WETENSCHAPPELIJKE UITZAVEN  
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