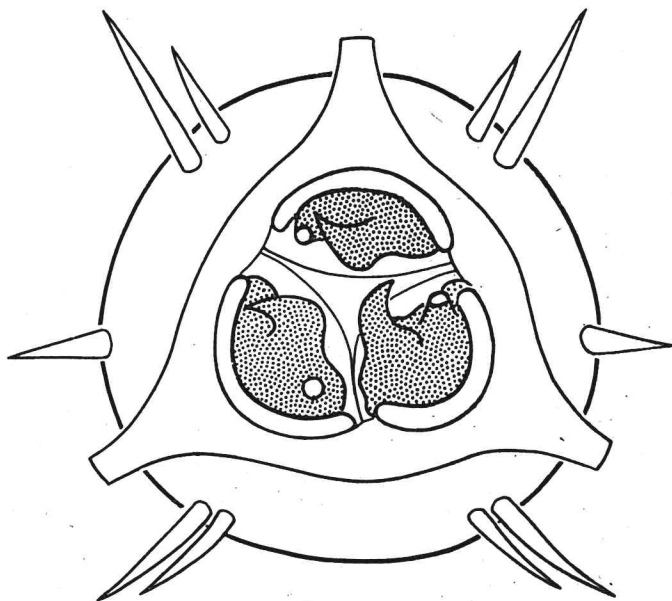


PSAMMOMALIA

NEWSLETTER OF THE INTERNATIONAL ASSOCIATION
OF
MEIOBENTHOLOGISTS

COURRIER DE L'ASSOCIATION INTERNATIONALE
DES
MEIOBENTHOLOGISTES



N° 32

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PSAMMONALIA

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Courrier de l'Association des Méiobenthologistes

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Editeur : Jeanne Renaud-Mornant
Muséum National d'Histoire Naturelle
Laboratoire de Zoologie (Vers)
43, rue Cuvier
75231 - Paris Cedex 05
France

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The present cover (*Parironus bicuspis*, Boucher 1971) is derived from an original drawing of Guy Boucher.

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ASSOCIATION INTERNATIONALE DES MEIOBENTHOLOGISTES

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2, rue du Professeur Jolyet, 33120 - Arcachon, France.
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EDITORIAL

As a matter of fact a great interest has been raised among our Association regarding the organization of the Third International Meiofauna Conference to be held in Hamburg in 1977. Discussions and comments have shown how highly energetic and active our Association is. The membership and committee members all agree to give the fullest support to the German team's initiative and Psammonalia will help in every possible way to make TIMCO a success.

I have to reiterate the need for all members to pay their dues to Jacques Soyer. We badly need this money to produce the next issues of Psammonalia. To alleviate Jacques's task please follow his instructions in «Subscriptions», page 9.

Jeanne Renaud-Mornant

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ELKAIM M.

Laboratoire d'Évolution des Êtres Organisés
105, boulevard Raspail
75006 - Paris, France

PLESA Cornelius

Institute of Zoology
Str. Delavrancea 15
3400 - Kluj-Napoca 9, Roumanie

**NEW MEMBERS
NOUVEAUX MEMBRES**

BARTSCH, I.

Biologische Anstalt Helgoland
2 Hamburg 50
Palmaille 9
West Germany

JKONEN, E.

University of Helsinki
Department of Zoology
Division of Morphology and Ecology
P. Rankatiekatu, 13
SF - 00100 Helsinki 10
Finlande

GREEN J.

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University of Aberdeen
Department of Zoology
Tillydrone Avenue
Aberdeen, AB9 2TN
Écosse, Grande-Bretagne

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The John Hopkins University
Department of Earth and Planetary
Sciences
Baltimore, Maryland 21218, U.S.A.

TEARE, M.

Institute for Marine Environmental
Research
67 Citadel Road
Plymouth PL1 3 DH
Grande-Bretagne

NEWS FROM THE MEMBERS NOUVELLES DES MEMBRES

M. Teare, Institute for Marine Environmental Research, 67 Citadel Road, Plymouth, Devon PL1 3DH, Great Britain : I have just started my Ph. D., supervised by Richard Warwick, working on carbon budgets for estuarine meiofauna.

The major part of this work will involve culturing selected nematode and copepod species to provide material for feeding and growth experiments. Ultimately I hope to investigate individual energy budgets.

This work will provide a comparison with production estimates obtained by respirometry methods and I have also started a regular sampling programme in an attempt to estimate production of one species of harpacticoid copepod by cohort growth analysis, assuming it will be possible to separate age classes. I would be very grateful for any advice or reprints concerned with any of these subjects, particularly the culturing of nematodes and copepods.

K.S. Goodman, University of Aberdeen, Department of Zoology, Tillydrone Avenue, Aberdeen AB9 2TN, Great Britain : I am currently working towards my Ph.D. (estuarine meiobenthic ecology) under the supervision of Dr. Wells.

A study area containing a range of some five substrate types has been delineated within the Ythan estuary, Aberdeenshire, and meiobenthic community structure within this area is being examined. Both meiobenthic and microbial biomass is being assayed and interrelationships between standing crop fluctuation in these two benthic components are to be analysed. I hope eventually to build up a composite picture of meiofauna distribution and standing crop together with some primary control factors using a computer mapping system.

ANNOUNCEMENTS NOUVELLES DIVERSES

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES (AIBS)

Tulane University, New Orleans, Louisiana

30 May - June 4, 1976. Several constituent societies will be meeting. For information on the Invertebrate Meetings of the American Society of Zoologists, contact Bruce C. Coull (address on page 1).

39th ANNUAL MEETING - AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY
Savannah, Georgia, 21-24 June 1976. For more information contact :

Dr. Larry P. Atkinson
Skidaway Institute of Oceanography
P.O. Box 13687
Savannah, Ga 31406

CENTOB, NATIONAL SORTING CENTER FOR BIOLOGICAL OCEANOGRAPHY
B.P. 337, 29273 BREST Cedex, France

The Centre National de Tri d'Océanographie Biologique (CENTOB) was founded in 1974 by Centre National pour l'Exploitation des Océans (CNEXO) and by the Museum of Natural History of Paris, with the aim of receiving, sorting and redistributing zoological and botanical material (plankton, nekton, benthos and meiofauna) collected by french marine laboratories, mainly from oceanographic vessels.

It is composed of a board of scientific directors in Paris (a scientific committee of 7 members and an executive secretary) and an executive unit situated in the Centre Océanologique de Bretagne (COB) in Brest, including a head and two sorting technicians.

The Center initiated its work in July 1974 and is now fully operative. Sorting has been based on samples from trawls, dredges and Reineck case-sampler, collected during benthic cruises BIOGAS, THALASSA, NORBI. Several planktonic cruises are presently being sorted. In all, more than 400 000 marine invertebrates have been already sorted at CENTOB. A directory of french marine taxonomists has been established, and will be added to by a survey of specialists throughout the world. Up to now, more than 40 collections of marine invertebrates originating from various cruises have been sent to 30 french and foreign specialists.

The CENTOB has a function similar to that of the Mediterranean Marine Sorting Center of Tunisia and in a way will relieve it.

M. Segonzac
CENTOB Executive

THE 7th INTERNATIONAL SPELEOLOGICAL CONGRESS 1977

After six grand gatherings of the world's leading scientific and sporting cavers, Britain has been chosen to host the 7th International Speleological Congress in 1977. Speleology is a unique science, forcing its practitioners to be explorers and to some extent athletes. The combination of the scientific and sporting elements, (in both of which Britain has such a high reputation that only lack of resources has prevented us being hosts before), is represented by the recognition obtained for the Congress from both the Royal Society and the Sports Council.

A thousand delegates from all over the world are expected to converge on Sheffield University between September 10th and 17th 1977 for the 'core' of the congress, the presentation of papers on the geology, geomorphology, hydrology, biology, archaeology and palaeontology of caves as well as techniques for their exploration, equipment, conservation and tourism. The International Union of Speleology has Commissions on these major topics and each Congress presents the opportunity for the world's leading experts to discuss methodologies, definitions, directions of future work etc.

For specialist research workers there will be seven Symposia in the week following the Sheffield programme and the distribution of chosen centres reflects the prominence of research at certain universities or field areas, for example Hydrology and Water Tracing at Bristol and Glacial Karst Morphology at Lancaster.

The Congress First Circular has now been circulated to a world-wide mailing list and replies are encouraging. A double-volume of papers and other publications will be produced for the Congress and these will become works of international reference.

Further details can be obtained from : 7th International Speleological Congress
c/o B.E.C. Travel Limited
63 Dunkeld Road, Sheffield S11 9HN

11th EUROPEAN SYMPOSIUM ON MARINE BIOLOGY, Galway, 5th-11th October, 1976
Symposium Office, Zoology Dept., University College, Galway, Ireland.

First Announcement

Topic : Aspects of the Biology of Benthic Organisms.

- Biology, autecology and synecology of the macro-, meio-, and microfauna and flora of the benthos (including the littoral zone).
- Community concept.
- Community structure, maintenance and distribution.

Note : Reports of in situ observations and techniques will be welcome, particularly where they deal with species interactions and behaviour. Pollution studies are not included and physiological investigations will be considered only if they relate to the distribution and ecological fitness of the organisms concerned.

Sponsor : School of Marine Sciences, University College, Galway.

Date : October 5 through October 11, 1976. Registration will commence on October 4.

Place : The Symposium will be held on campus at University College, Galway.

Language : English, French or German. Simultaneous translation services will not be available.

Papers : Titles of proposed papers must be submitted to the Symposium Office before April 1, 1976. The number of papers will be restricted to approximately 50. These will be selected, on the basis of their relevancy and scientific standard, before July 16th, 1976. The time for presentation of each paper will be limited to 20 minutes, with a further 10 minutes for discussion.

Abstracts : Abstracts must be submitted before June 1, 1976. These should consist of a single typewritten page, preferably in English, and include a clear description of the type of research and a summary of conclusions.

Publication : Papers will be published in a special symposium volume. Manuscripts in final form, must be submitted early during the Symposium. Further information and directions for the preparation of manuscripts will be supplied following receipt of application forms.

Films : Proposals for the screening of a limited number of scientific films will be considered.

Registration Fee : U.S. \$ 60 (or equivalent) — including receptions, symposium banquet, excursions and a copy of the published proceedings.

Accommodation : Two categories of accommodation will be available :

Daily tariff A. Bed/Breakfast :	from \$ 10.90 to \$ 16.60
Bed/Breakfast/Dinner :	from \$ 17.60 to \$ 24.90
Daily tariff B. Bed/Breakfast :	from \$ 6.75 to \$ 10.90
Bed/Breakfast/Dinner :	from \$ 11.90 to \$ 17.10

Early booking will help to ensure that applicants are accommodated within the category of their choice.

A special Symposium travel/accommodation 'package' will operate in respect of flights from all major European and U.K. airports. Full details will accompany the Second Announcement (April 1, 1976).

Application : Participants are kindly requested to return the enclosed application form before April 1, 1976.

P.O. CEIDIGH, Nov. 14th, 1975

INTERNATIONAL HELGOLAND SYMPOSIUM 1976

- Topic :** Ecosystem Research.
- Sponsor :** Biologische Anstalt Helgoland, 2000 Hamburg 50, Palmaille 9, Federal Republic of Germany.
- Place :** Island Helgoland
- Time :** September 26 (arrival) to October 1 (departure), 1976.
- Languages :** Preferably English, but French and German papers are acceptable. There will be no simultaneous translation service available.
- History :** The BAH has organized and sponsored international Symposia since 1963. The first two Symposia (September 1963, September 1965) were concerned with «Quantitative biology and metabolism» ; the third (September 1967) with «Biological and Hydrographical problems of water pollution in the North Sea and adjacent waters» ; the fourth (September 1969) with «Cultivation of marine organisms and its importance for marine biology» ; the fifth (September 1972) with «Man in the sea — in situ studies on life in oceans and coastal waters». The respective proceedings have been published in the journal «Helgoländer wissenschaftliche Meeresuntersuchungen» Volumes 9 (1964), 14 (1966), 17 (1968), 20 (1970), and 24 (1973).

You and your colleagues are cordially invited to submit papers and to participate in this important scientific meeting.

O. Kinne
Director
Biologische Anstalt Helgoland

First Announcement :

The Sixth International Helgoland Symposium — to be held from September 26 (arrival) to October 1 (departure), 1976, on Helgoland — is devoted to a topic which is of considerable importance for modern marine ecology : **Ecosystem Research.**

The topic will be subdivided into

- 1) Ecosystems in the sea and in small natural water bodies
- 2) Multispecies cultures and artificial microcosms

There will also be two Informal Sessions for discussing special topics in depth.

Aim : The symposium is being organized to provide a platform for marine biologists to present and to discuss results obtained on ecosystems and other multispecies assemblages in the sea and in the laboratory. Recent developments in fundamental marine ecology, environmental protection and mariculture necessitate a critical reassessment of the present body of knowledge regarding the organizational integration of different species into a multispecific system. There is considerable need for defining more closely the forces that govern the coexistence of species and for developing new techniques, concepts and models in order to analyze essential functions and structures of ecosystems.

You are invited to

- 1) submit a paper to be presented at the Symposium
 - 2) suggest topics to be discussed in depth during the informal Sessions
 - 3) recommend names of potential session conveners.
 - 4) recommend names of invited speakers who are to introduce major subtopics.
- Invited speakers have 40 min. time for paper presentation ; their travel will be financed by the Biologische Anstalt Helgoland.

Application for paper presentation : should you wish to present a paper, please fill in the attached form. All accepted papers will be published in the journal «Helgoländer wissenschaftliche Meeresuntersuchungen».

Symposium fee : DM 40,— (to be paid upon arrival on Helgoland). Further information on the Symposium can be obtained from the Symposium Office, Biologische Anstalt Helgoland, D-2000 Hamburg 50, Palmaille 9, Federal Republic of Germany.

INTERNATIONAL HELGOLAND SYMPOSIUM

from September 26 to October 1, 1976

☐

I wish to present a 20-minute paper*

Title :— _____

☐

I wish to attend without presenting a paper

Name : _____ Position _____

Institution : _____

Address : _____

* Final decision on paper acceptance will be based on abstracts (in English, maximum length : 1 type written page). Abstracts must be submitted no later than March, 1976.

FINANCIAL REPORT RAPPORT FINANCIER

Credits

Balance on hand (1.1.76)	F.F.	4.351,53
Dues and contributions received		437,76
Total :		4.789,29

Debits

Cost of Psammonalia No 31		277,10
Mailing cost - Envelops		768,75
Total :		1.045,85

Balance on hand (prior to Psammonalia No 32), 15.04.76	F.F.	3.743,44
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Subscriptions

The financial position of the Association left by John Tietjen is healthy. Notwithstanding this healthy financial situation, still only 27 members out of 299 subscribers have paid their dues !

Please pay your dues to :

Docteur Jacques Soyer
Trésorier de l'Association Internationale des Méiobenthologistes
Laboratoire Arago
66650 - Banyuls-sur-Mer, France

or by cheque to :

Association des Méiobenthologistes
Banque Populaire des Pyrénées-Orientales
Quai Pierre Forgas
66660 - Port-Vendres, France
No 04 19 243 275

Thank you.

Jacques Soyer

RECENT LITERATURE

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