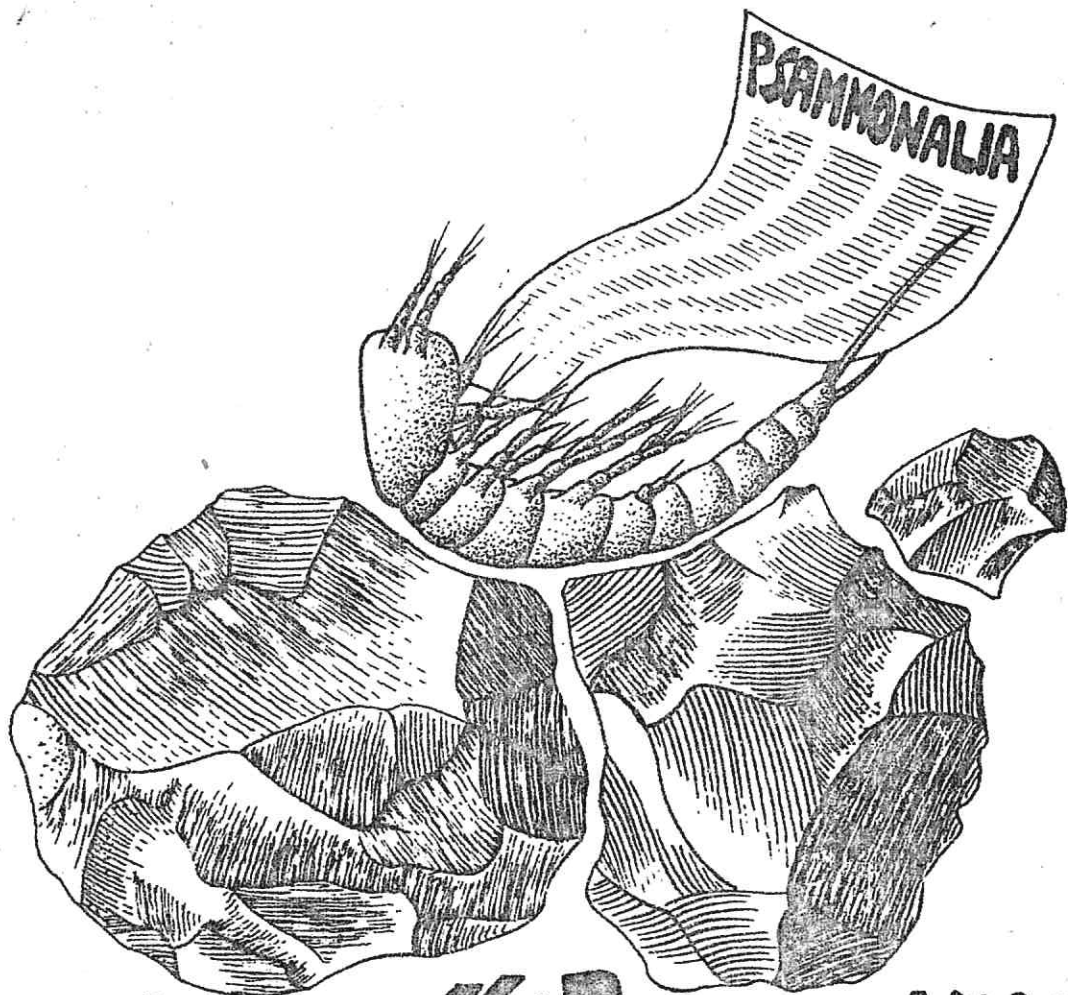


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F I N A N C I A L R E P O R T

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(Besides other electron microscopical studies upon connective, vascular and nervous tissue of mammalia (rat), I began - three years ago - to work on the fine structure of nervous tissue of invertebrates, first Daphnia (eye, ganglion opticum) and now Asplanchna (rotifers). Further comparative studies are planned on the nervous system of various mesopsammal species (Coelenterata, Plathelminthes, Gastrotricha, Polychaeta, Tardigrada), because their smallness favours a quicker ultrastructural survey. My aim is to learn more about neuronal interconnections and the behaviour of the glia-cells, comparing different phyla.)

Edoris Ann Lefurgey
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(Estuarine and marine foraminifera, ecology and systematics with special reference to their use as pollution indicators.)

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MEETING ON MEIOFAUNA SORTING

From May 4 th - 12 th 1972 10 meiobenthologists met at the Biological Station Helgoland on Helgoland to compare different methods for sorting the meiofauna quantitatively from the sediment. This meeting was arranged on private activity and on behalf of the Baltic Marine Biologists.

Participants:

- I. Drzyciminski, Stettin: Live or preserved animal elutriation.
R. Elmgren, Askö: Preserved sample decantation, after staining.
J. S. Gray, Leeds: Closed-circuit Boisseau-type live animal elutriation.
E. Hartwig, Göttingen: Sea-water ice followed by preservation and
S. Hoxhold, Göttingen: staining of residue.
A.D. Mc Intyre, Aberdeen: Preserved sample elutriation after staining.
D.G. Murison, Aberdeen:
J. Ohde, Hamburg: Warm-water elutriation.
Hj. Thiel, Hamburg: Preserved sample direct sorting after staining.
G. Uhlig, Helgoland: Sea-water ice followed by preservation and staining of residue.

Different sediments were used in the experiments and it was shown that the sorting methods are to be chosen in relation to the scope of the investigations undertaken.

Methods involving elutriation or decantation of stained preserved samples were found to give the most consistently reliable results and were rapid to use. For species identifications of soft fauna, only the sea-water ice technique could be recommended. Sea-water ice methods followed by preservation and staining were not statistically different from methods involving elutriation or decantation of preserved samples but were more time consuming. - Publication of the results is planned.

On May 14 th the group met at the University of Hamburg in the Institut für Hydrobiologie und Fischereiwissenschaft to held a colloquium with colleagues from institutions in Kiel, Göttingen, Bremerhaven, Helgoland and Hamburg. Six lectures concerning meiofauna problems and a short report of the Helgoland meeting were given. In the evening participants of the colloquium were guests of Dennis Clarke of the British Council.

G. Uhlig
Hj. Thiel

SECOND INTERNATIONAL MEIOFAUNA CONFERENCE

UNIVERSITY OF YORK, ENGLAND

July 7 th - 14 th 1973

In order to give everyone sufficient advanced notice, I would like to announce the Second Conference. As yet the topics are not finalised but details will be announced in the Autumn issue of Psammonalia.

York is a medieval town of great architectural interest. The University is new, 5 years old, and has excellent facilities. We have had to reserve accommodation for up to 150 persons and since we will have to pay a deposit, we must get notice of the conference out soon. Your prompt reply would be appreciated.

The cost will be £3.75 per day for single rooms, with all meals, coffee, tea etc., and £ 3.50 for double rooms. We will have to add say £3 for administration.

York is on the direct rail link from London to Scotland, is 25 miles from Leeds Airport and has connections to Europe via Hull-Rotterdam and Zeebrugge daily and Immingham-Gothenburg and Newcastle-Oslo, Bergen and Esbjerg, three or more times per week.

Further details can be obtained from the

Honorary Secretary Jchr. S. Gray
Wellcome Marine Laboratory
Robin Hood's Bay
Yorkshire
England

NEW FILMS
(and accompanying publications)

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