



LIGHT AND LIFE IN THE SEA

A Symposium to be held at
PLYMOUTH POLYTECHNIC
9-11 APRIL 1989

The Symposium will include invited papers on the physics of light; the harvesting and utilisation of light by photosynthetic marine organisms; biological, chemical and applied aspects of bioluminescence; the reception of light by marine animals and their responses. In addition participants are warmly invited to submit short communications and posters (time will be allowed in the Programme for a 'Poster Session').

The Symposium will also be the occasion of the first **Leslie Cooper Memorial Lecture** when **Prof. J E Lovelock, FRS**, will speak on **The Gaia Hypothesis**.

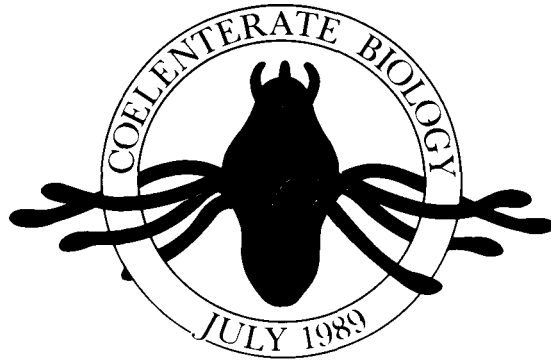
It is intended that the Invited Papers will form the basis of a Symposium Volume to be published by the Marine Biological Association.

In order to receive circulars and details, please contact:

Dr J. C. Green, The Laboratory, Citadel Hill, Plymouth, PL1 2PB

The Symposium is supported by the Challenger Society

**5th
INTERNATIONAL CONFERENCE
ON
COELENTERATE BIOLOGY**



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Conference Themes

Cellular Biology, Developmental Biology, Ecological Physiology, Ecology, Evolution and Systematics, Genetics, Physiology and Behaviour, Historical Aspects.

This list is a guide to the main themes and contributions outside these broad categories are welcome.

The Conference will consist of talks, poster sessions and additional informal workshops. The proceedings will be published as a single volume.

Registration

If you are interested in attending this meeting or wish to receive further information please write to:

Dr R. G. Hughes, School of Biological Sciences,
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THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM

THE ASSOCIATION was founded in 1884 to promote accurate researches leading to the advancement of zoological and botanical science and to an increase in our knowledge of the food, life, conditions and habits of British fishes. The work of the Association is controlled by a Council elected annually by its subscribing members.

The Plymouth Laboratory was opened in June 1888, and, since that date, considerable additions have been made to the buildings, including a library, lecture-hall, and extensive laboratory accommodation with up-to-date equipment. Additional sea-water reservoirs have also been built, and an aquarium which is open to the public.

The Marine Biological Association, under the direction of its Council, has undertaken research in all branches of marine science and many of the results are published in this journal. An account of the history of the first hundred years of the Association and Journal may be found in Vol. 67 (pp. 463 and 465). Summaries of the activities and research of the Association are given annually in the Report of the Council in the November issue of the Journal.

Since its foundation the Association has been supported by subscriptions and donations from private members, universities, learned societies, the Fishmongers' Company and other public bodies. For some time past, however, the main financial support for the work of the Plymouth Laboratory has been grant-aided through the Natural Environment Research Council.

In 1988 an agreement was reached between the MBA Council and the Natural Environment Research Council to merge a large part of the Plymouth Laboratory with the NERC's Institute for Marine Environmental Research, which had been in Plymouth since 1971. The new laboratory is known as the Plymouth Marine Laboratory and consists of the staff of the two laboratories housed in both buildings. The research programme of the Plymouth Marine Laboratory includes both basic research into all aspects of the sea and marine animals and plants, and also multidisciplinary research on the more applied aspects of marine science, some of which is commissioned by government departments.

The Marine Biological Association still retains the lease of the building on Citadel Hill and continues as a scientific society publishing its own Journal, running the public Aquarium, organising scientific meetings and managing a small group of research fellows and scientific visitors.

TERMS OF MEMBERSHIP

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Annual Members, receiving the Journal per annum	25.00
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Members of the Association have the following rights and privileges; they elect annually the Officers and Council; they are entitled to receive the Journal of the Association at a reduced rate; they are admitted to view the laboratory at Plymouth; they have the first claim to rent a place in the laboratory for research, with use of tanks, boats, etc.; they have the privilege of occupying a table for one week in each year free of charge; and they have access to the books in the library at Plymouth during working hours.

The Commissioners of Inland Revenue have approved the Association for the purposes of Section 16, Finance Act, 1958, and that the whole of the annual subscriptions paid by a member who qualifies for relief under the section will be allowable as a deduction from his emoluments assessable to income tax under Schedule E.

All correspondence should be addressed to the Director, The Laboratory, Citadel Hill, Plymouth, PL1 2PB.

CONTENTS

PAGE

MUSTAQUIM, J. Isozyme variation in three <i>Nereis</i> species from five localities in the U.K.	549
PARKER, J. G., ROSELL, R. S. and MACOSCAR, K. C. The phytoplankton production cycle in Belfast Lough	555
HUGHES, R. G. Dispersal by benthic invertebrates: the <i>in situ</i> swimming behaviour of the amphipod <i>Corophium volutator</i>	565
ALEXANDER, C. G. The paragnaths of some intertidal crustaceans	581
RANGELEY, R. W. and THOMAS, M. L. H. Littoral stratification in growth form and fecundity of the rock barnacle, <i>Semibalanus balanoides</i>	591
KRUUK, H., NOLET, B. and FRENCH, D. Fluctuations in numbers and activity of inshore demersal fishes in Shetland	601
HUGHES, G. M. and KIKUCHI, Y. Effects of temperature on the deformability of red blood cells of rainbow trout and ray	619
SOUTHWARD, A. J. and DANDO, P. R. Distribution of Pogonophora in canyons of the Bay of Biscay: factors controlling abundance and depth range	627
LYNN, D. H. and MONTAGNES, D. J. S. Taxonomic descriptions of some conspicuous species of strobilidiine ciliates (Ciliophora: Choreotrichida) from the Isles of Shoals, Gulf of Maine	639
DAUVIN, J.-C. and BELLAN-SANTINI, D. Illustrated key to <i>Ampelisca</i> species from the north-eastern Atlantic	659
BHAUD, M. Change in setal pattern during early development of <i>Eupolyornia nebulosa</i> (Polychaeta: Terebellidae) grown in simulated natural conditions	677
LARSON, R. J., MADIN, L. P. and HARBISON, G. R. <i>In situ</i> observations of deepwater medusae in the genus <i>Deepstaria</i> , with a description of <i>D. reticulatum</i> , sp. nov.	689
LEWIS, J. Cysts and sediments: <i>Gonyaulax polyedra</i> (<i>Lingulodinium machaerophorum</i>) in Loch Creran	701
GIBBS, P. E., PASCOE, P. L. and BURT, G. R. Sex change in the female dog-whelk, <i>Nucella lapillus</i> , induced by tributyltin from antifouling paints	715
BRYAN, G. W., GIBBS, P. E. and BURT, G. R. A comparison of the effectiveness of tri-n-butyltin chloride and five other organotin compounds in promoting the development of imposex in the dog-whelk, <i>Nucella lapillus</i>	733
ANNOUNCEMENT	745
BOOK NOTICES	749
REPORT OF THE COUNCIL 1987-88	i
BALANCE SHEET 1987-88	xli

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