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Aims and Scope

The journal will provide a medium for the rapid publication of essentially short, definitive articles on marine organisms, which are broadly concerned with biophysical, biochemical and physiological processes as they affect the individual or the population.

Specific areas to be included are:- sensory and motor neural mechanisms; respiratory physiology and energy metabolism; aspects of nutrition and reproduction; homeostatic mechanisms and hormonal control; experimental embryology and cytology; biochemical and population genetics. Articles on multidisciplinary studies will also be considered and occasional reviews will be published following invitation by the Editors-in-Chief.

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Zoogeography and Diversity in Plankton

Edited by **S. van der Spoel and A. C. Pierrot-Bults**

The proper management of fisheries and man's other oceanic activities depends on a detailed knowledge of marine primary and secondary producers. Whilst primary producers have been well covered in the literature, the secondary producers have been, until now, comparatively neglected. Drs. van der Spoel and Pierrot-Bults have set out to redress the balance by drawing together leading workers from seven countries to write this book on zooplankton.

The key problems that the book tackles are how the taxa are distributed through the environment, how this is controlled by the environment and what influence this may have on variation of the species. The discussion of variation and speciation is central and requires a detailed knowledge of both the theoretical and observational levels, and is underpinned throughout by consideration of geological, climatological and hydrological factors. A recurrent theme is that, in all the world's oceans, evolution and patterns of distribution should be seen to depend not only on long term environmental changes, but also on short period fluctuations.

Throughout, the authors make use of the most recent data and take account of the newer theories and methods that are emerging. Together, they have produced a comprehensive account of plankton zoogeography throughout the world that will serve as an authoritative reference for students and research workers in marine biology.

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Edward Arnold
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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.

Professor T. H. Huxley took the chair at the initial meeting held in the rooms of the Royal Society and was elected the first President. Among those present were Sir John Lubbock (afterwards Lord Avebury), Sir Joseph Hooker, Professor H. N. Moseley, Mr G. J. Romanes, and Sir E. Ray Lankester who, after Professor Huxley, was for many years president of the Association. It was decided to build a laboratory at Plymouth, where a rich and varied fauna is found.

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, modernized in 1959, opened to the public.

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 come from Government funds, and since 1965 the Laboratory has been grant-aided through the Natural Environment Research Council.

The Marine Biological Association, under the direction of its Council, undertakes research in all branches of marine science and the main results are published in this journal. Accounts of the laboratory and aquarium are to be found in Vol. 27 (p. 761), Vol. 39 (p. 391) and Vol. 43 (p. 281), and 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.

The laboratory is open throughout the year and its work is carried out by a fully qualified research staff under the supervision of the Director. The names of the members of the staff will be found on the inner page of the front cover. Accommodation is available for British and foreign scientific workers who wish to carry out independent research in all branches of marine science. Arrangements are made for courses for advanced students, and marine animals and plants are supplied to educational institutions.

Work at sea is undertaken by three research vessels and by a motor boat, and these also collect the specimens required in the laboratory.

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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 subscription 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.

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