

ERRATUM

It is regretted that an error occurred on page 888 of Volume 61, No. 4. The equation at the top of the page should read

$$\chi^2 = 2 \sum_x f_x \ln(f_x/F_x),$$

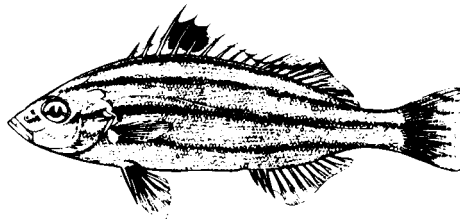
Marine Mesocosms

Biological and Chemical Research in Experimental Ecosystems

Editors: G.D. Grice, M.R. Reeve

1981. Approx. 136 figures. Approx. 450 pages
Cloth DM 108,-; approx. US \$ 46.00
ISBN 3-540-90579-0

Destined to become the standard work in this field, *Marine Mesocosms* establishes an enclosure approach in biological and chemical oceanography that lies between experimental laboratory and descriptive oceanographic sampling. The enclosure approach retains much of the natural complexity of food chain interactions in the environment and much of the control, replication, and ability to revisit the same population inherent in laboratory systems. Profusely illustrated, *Marine Mesocosms* presents thoughtful contributions on the history, theoretical status, and future directions of the enclosed ecosystem approach.



Silicon and Siliceous Structures in Biological Systems

Editors: T.L. Simpson, B.E. Volcani

1981. Approx. 511 figures. Approx. 560 pages
cloth DM 240,-; approx. US \$ 102.20
ISBN 3-540-90592-8

Silicon and Siliceous Structures in Biological Systems brings together information on the deposition by living organisms of unique skeletal structures composed of amorphous silics, and reviews recent data on the involvement of silicon in physiological and biochemical processes. Focusing attention on the biological aspects of silicon and siliceous structures, a detailed description is given for:

- our present knowledge of silicic acid transport
- germanium-silicon interactions
- the necessity of silicon in diatoms and vertebrates
- the morphology, ultrastructure, and deposition of amorphous silica in living organisms
- aspects of the phylogeny of siliceous structures.

This volume presents the first compilation of such data and is well illustrated with both electron and light micrographs.

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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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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.

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