

Special Publications of the Society for General Microbiology 7

# Sediment Microbiology

edited by D.B. Nedwell and C.M. Brown

April 1982, x + 234pp., £14.20 (UK only) / \$29.50, 0.12.515380.5

A variety of different approaches have contributed to our increased understanding of sediment microbiology, and this book reflects the diversity of approach. Sediments are first introduced as microbial environments with subsequent chapters reviewing a number of major topics, with reference to their authors' own work. The use of diagenetic models to describe and predict the effect of microbial activity upon vertical exchanges of biologically important elements within sediments and between sediment and water, is followed by chapters examining the role of sedimentary microorganisms in the recycling of carbon, nitrogen and sulphur. Other chapters discuss the role of the bottom sediment in the ecology of the lake, the interactions between microorganisms and benthic invertebrates and the influence of microorganisms upon the organic geochemistry of recent sediments.

This book should permit the newcomer to the field of sediment microbiology to gain an awareness of the current developments and background of the subject. It should also provide all those who are interested in this area, such as marine biologists and ecologists, with an appreciation of the abundance of future research which is required to improve our understanding of this fascinating area of microbial life.

**Academic  
Press**



A Subsidiary of Harcourt Brace Jovanovich, Publishers  
London New York Toronto Sydney San Francisco  
24-28 Oval Road, London NW1 7DX, England  
111 Fifth Avenue, New York, NY 10003, USA

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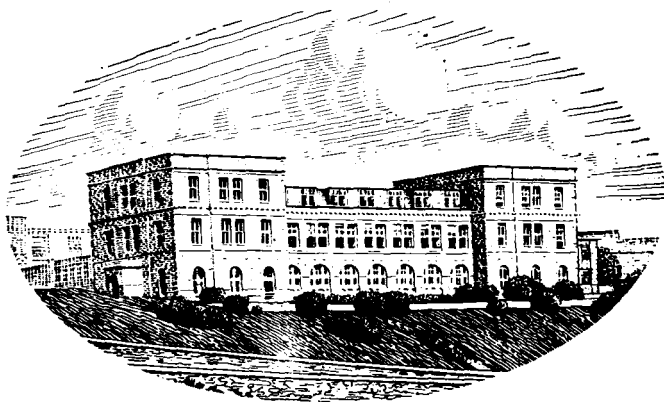
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**JOURNAL OF THE  
MARINE BIOLOGICAL ASSOCIATION  
OF THE UNITED KINGDOM**

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**JOURNAL OF THE  
MARINE BIOLOGICAL  
ASSOCIATION  
OF THE UNITED KINGDOM**



**THE PLYMOUTH LABORATORY**

**VOLUME 62**

**1982**

**CAMBRIDGE UNIVERSITY PRESS**  
**CAMBRIDGE**  
**LONDON NEW YORK NEW ROCHELLE**  
**MELBOURNE SYDNEY**

PUBLISHED BY  
THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE  
The Pitt Building, Trumpington Street, Cambridge CB2 1RP  
32 East 57th Street, New York, N.Y. 10022

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*Printed in Great Britain at the University Press, Cambridge*

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## CORRIGENDUM

Page 341, bottom line, for 0.074–1.8 mg read 74–1800 µg

# 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.

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The subscription price of volume 62, 1982 of the Journal to non-members of the Association is £78.00 net a volume of four parts, post free, or US \$218.00 in U.S.A. and Canada, payable in advance. Single parts cost £23.00 (US \$64.00 in U.S.A. and Canada) plus postage. Subscriptions may be sent to any bookseller or to Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, or in the U.S.A. and Canada, to Cambridge University Press, 32 East 57th Street, New York, 10022. All orders must be accompanied by payment.

CAMBRIDGE UNIVERSITY PRESS

THE PITT BUILDING, TRUMPINGTON STREET, CAMBRIDGE CB2 1RP

32 EAST 57TH STREET, NEW YORK, N.Y. 10022

Printed in Great Britain at the University Press, Cambridge