

CONTENTS

	PAGE
G. A. Steven. Contributions to the biology of the mackerel, <i>Scomber scombrus</i> L.: mackerel migrations in the English Channel and Celtic Sea	517
Douglas P. Wilson. The larval development of <i>Ophelia bicornis</i> Savigny	540
G. E. Newell. A contribution to our knowledge of the life history of <i>Arenicola marina</i> L.	554
Jean Hanson. The genera <i>Apomatus</i> and <i>Protula</i> (Polychaeta, Serpulidae)	581
C. M. Yonge. Cleansing mechanisms and the function of the fourth pallial aperture in <i>Spisula subtruncata</i> (da Costa) and <i>Lutraria lutraria</i> (L.)	585
Vera Fretter. The structure and life history of some minute prosobranchs of rock pools: <i>Skeneopsis planorbis</i> (Fabricius), <i>Omalogyra atomus</i> (Philippi), <i>Rissoella diaphana</i> (Alder) and <i>Rissoella opalina</i> (Jeffreys)	597
N. J. Berrill. The gonads, larvae, and budding of the polystyelid ascidians <i>Stolonica</i> and <i>Distomus</i>	633
Mary Parke. Studies on British Laminariaceae. I. Growth in <i>Laminaria saccharina</i> (L.) Lamour.	651
Helge O. Backlund. <i>Lumbricillus reynoldsoni</i> , n.sp., an enchytraeid from the beaches of North Wales	710
P. G. Corbin. On the seasonal abundance of young fish. IX. The year 1947	718
Douglas P. Wilson. The relation of the substratum to the metamorphosis of <i>Ophelia</i> larvae	723
F. S. Russell. The Plymouth Laboratory of the Marine Biological Association of the United Kingdom	761
Abstracts of Memoirs	775
Marine Biological Association of the United Kingdom. Report of the Council for 1947-48. Balance Sheet. Income and Expenditure Account	777
List of Governors, Founders, Members, Honorary and Associate Members, 1948	797

The Council of the Marine Biological Association wish it to be understood that they do not accept responsibility for statements published in this *Journal* excepting when those statements are contained in an official report of the Council.

CAMBRIDGE UNIVERSITY PRESS
CAMBRIDGE, AND BENTLEY HOUSE, LONDON
CANADA AND INDIA: MACMILLAN

*Printed in Great Britain at the University Press, Cambridge
(Brooke Crutchley, University Printer)*