

CONTENTS OF NEW SERIES, Vol. XXI., No. 1.

	PAGE
1. STUDIES ON CONDITIONED RESPONSES IN FISHES. PART VII. TEMPERATURE PERCEPTION IN TELEOSTS. By HERBERT O. BULL. <i>With 3 Figures in the Text</i>	1
2. THE SIZE OF DIATOMS. I. THE DIAMETER VARIATION OF <i>Rhizosolenia styliformis</i> AND <i>R. alata</i> IN PARTICULAR AND OF PELAGIC MARINE DIATOMS IN GENERAL. By R. S. WIMPENNY. <i>With one Plate and 12 Figures in the Text</i>	29
3. THE BIOLOGY OF <i>Purpura lapillus</i> . I. SHELL VARIATION IN RELATION TO ENVIRONMENT. By HILARY B. MOORE. <i>With 11 Figures in the Text</i>	61
4. THE OCCURRENCE OF <i>Diadumene cincta</i> T. A. STEPHENSON IN THE RIVER ROACH, ESSEX. By RUTH RAWLINSON	91
5. ADDITIONS TO THE PLYMOUTH MARINE FAUNA (1931) IN THE CRUSTACEAN ORDERS <i>Tanaidacea</i> , <i>Isopoda</i> AND <i>Amphipoda</i> . By G. I. CRAWFORD. <i>With 1 Figure in the Text</i>	95
6. ON REARING THE HYDROID <i>Zanclaea implexa</i> (ALDER) AND ITS MEDUSA <i>Zanclaea gemmosa</i> McCRADY, WITH A REVIEW OF THE GENUS <i>Zanclaea</i> . By F. S. RUSSELL AND W. J. REES. <i>With 12 Figures in the Text</i>	107
7. ON THE FIRST STAGE OF THE MEDUSA <i>Eucheilota clausa</i> (HINCKS) [= <i>E. hartlaubii</i> RUSSELL]. By F. S. RUSSELL. <i>With 3 Figures in the Text</i>	131
8. ON A NEW SPECIES OF HYDROID, <i>Staurocoryne filiformis</i> , WITH A REVISION OF THE GENUS <i>Staurocoryne</i> ROTCH, 1872. By W. J. REES. <i>With 11 Figures in the Text</i>	135
9. REARING ANIMALS IN CAPTIVITY FOR THE STUDY OF TREMATODE LIFE HISTORIES. 1. <i>Larus ribibundus</i> L., THE BLACK-HEADED GULL. By MIRIAM ROTHSCCHILD	143
10. THE ECOLOGICAL RELATIONS BETWEEN THE HERRING AND THE PLANKTON INVESTIGATED WITH THE PLANKTON INDICATOR. PART I. By A. C. HARDY. PART II. By C. E. LUCAS. PART III. By G. T. D. HENDERSON. PART IV. By G. T. D. HENDERSON, C. E. LUCAS AND J. H. FRASER	147
11. ON THE ASSOCIATION OF JELLY-FISH AND OTHER ORGANISMS WITH CATCHES OF HERRING. By C. E. LUCAS AND G. T. D. HENDERSON	293
12. NOTES ON THE EARLY STAGES OF TWO POLYCHAETES, <i>Nephtys hombergi</i> LAMARCK AND <i>Pectinaria koreni</i> MALMGREN. By DOUGLAS P. WILSON. <i>With 3 Figures in the Text</i>	305
13. THE OVARY AS AN INDICATOR OF THE SPAWNING PERIOD IN FISHES. By C. F. HICKLING AND E. RUTENBERG. <i>With 1 Figure in the Text</i>	311
14. HETEROZYGOTES IN A WILD POPULATION OF <i>Gammarus chevreuxi</i> SEXTON. By E. W. SEXTON AND A. R. CLARK	319
15. A SUMMARY OF THE WORK ON THE AMPHIPOD <i>Gammarus chevreuxi</i> SEXTON CARRIED OUT AT THE PLYMOUTH LABORATORY (1912-1936). By E. W. SEXTON AND A. R. CLARK	357
16. ABSTRACTS OF MEMOIRS RECORDING WORK DONE AT THE PLYMOUTH LABORATORY	415
17. BOOK NOTICE	443
18. REPORT OF THE COUNCIL FOR 1935	445
19. LIST OF ANNUAL SUBSCRIPTIONS AND DONATIONS PAID DURING THE YEAR 1ST APRIL, 1935, TO 31ST MARCH, 1936, WITH BALANCE SHEET AND INCOME AND EXPENDITURE ACCOUNT	465

NOTICE.

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.