

The Journal of Experimental Biology

EDITED BY
J. GRAY

THE COMPANY OF
BIOLOGISTS LIMITED

ASSISTED BY
The Hon. Secs. Society for Experimental Biology

Contents

	PAGE
J. D. SMYTH. Studies on tapeworm physiology. IV. Further observations on the development of <i>Ligula intestinalis in vitro</i> . (With Plate 1 and Five Text-figures)	1
J. SHAW AND L. C. BEADLE. A simplified ultra-micro Kjeldahl method for the estimation of protein and total nitrogen in fluid samples of less than 1.0 μ l. (With Three Text-figures)	15
D. A. PARRY. The swimming of whales and a discussion of Gray's Paradox. (With Plates 2 and 3 and Three Text-figures)	24
ERIC PONDER. Shape and shape transformations of heated human red cells. (With One Text-figure)	35
J. A. RAMSAY. The osmotic relations of the earthworm. (With Two Text-figures)	46
J. A. RAMSAY. A new method of freezing-point determination for small quantities. (With Two Text-figures)	57
J. A. RAMSAY. The site of formation of hypotonic urine in the nephridium of <i>Lumbricus</i> . (With Three Text-figures)	65
W. S. BULLOUGH. The effects of high and low temperatures on the epidermal mitotic activity of the adult male mouse, <i>Mus musculus</i> L. (With Three Text-figures)	76
W. S. BULLOUGH. The relation between the epidermal mitotic activity and the blood-sugar level in the adult male mouse, <i>Mus musculus</i> L. (With Ten Text-figures)	83
LORD ROTHSCHILD. The metabolism of fertilized and unfertilized sea-urchin eggs. The action of light and carbon monoxide. (With One Text-figure) .	100

Published for The Company of Biologists Limited

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

AGENT FOR U.S.A.

ACADEMIC PRESS INC.,
125, EAST 23RD STREET, NEW YORK, U.S.A.

Price 21s. net

Subscription per volume 63s. net

Reprinted by litho-offset