

CONTENTS

	Page
BROWN, F. A., JR., W. J. BRETT, M. F. BENNETT AND F. H. BARNWELL Magnetic response of an organism and its solar relationships.....	367
BROWN, F. A., JR., H. M. WEBB AND W. J. BRETT Magnetic response of an organism and its lunar relationships.....	382
FINGERMAN, MILTON, AND WILLIAM C. MOBBERLY, JR. Investigation of the hormones controlling the distal retinal pigment of the prawn <i>Palaemonetes</i>	393
FÖYN, BJÖRN Sex-linked inheritance in <i>Ulva</i>	407
FREEMAN, JOHN A. Influence of carbonic anhydrase inhibitors on shell growth of a fresh-water snail, <i>Physa heterostropha</i>	412
GOREAU, THOMAS F., AND NORA I. GOREAU The physiology of skeleton formation in corals. III. Calcification rate as a function of colony weight and total nitrogen content in the reef coral <i>Manicina areolata</i> (Linnaeus).....	419
LYNN, W. GARDNER, AND JAMES NORMAN DENT The action of various goitrogens in inhibiting localization of radio- iodine in the thyroid and thymus glands of larval tree toads.....	430
METZ, CHARLES B. Investigation of the fertilization inhibiting action of <i>Arbacia</i> dermal secretion.....	439
SPIEGEL, MELVIN Protein changes in development.....	451
TRIPLETT, EDWARD L., AND SUSANNE BARRYMORE Tissue specificity in embryonic and adult <i>Cymatogaster aggregata</i> studied by scale transplantation.....	463
TRIPLETT, EDWARD L., AND SUSANNE D. BARRYMORE Some aspects of osmoregulation in embryonic and adult <i>Cymatogaster</i> <i>aggregata</i> and other euryhaline fishes.....	472