

TRANSACTIONS

OF THE

ROYAL SOCIETY OF EDINBURGH.

VOLUME LV, PART I.—SESSION 1926-27.

CONTENTS.

	PAGE
I. <i>The Glacial Geology of the Southern Uplands of Scotland, West of Annandale and Upper Clydesdale.</i> By J. KAYE CHARLESWORTH, D.Sc., Ph.D., F.G.S., Professor of Geology, Queen's University, Belfast. <i>Communicated by Dr J. HORNE, F.R.S. (With One Map), (Issued December 2, 1926.)</i>	1
II. <i>The Readvance, Marginal Kame-moraine of the South of Scotland, and some Later Stages of Retreat.</i> By J. KAYE CHARLESWORTH, D.Sc., Ph.D., F.G.S., Professor of Geology, Queen's University, Belfast. <i>Communicated by Dr J. HORNE, F.R.S. (With One Map (Black and White)), (Issued December 2, 1926.)</i>	25
III. <i>The Petrology of Iceland.</i> By G. W. TYRRELL, A.R.C.Sc., Ph.D., F.G.S., Lecturer in Geology, University, Glasgow, and MARTIN A. PEACOCK, B.Sc., Ph.D., Carnegie Research Fellow, University, Glasgow. <i>Preface; and Part I.—The Basic Tuffs.</i> By MARTIN A. PEACOCK. (With Two Plates and Four Text-figures), (Issued December 2, 1926.)	51
IV. <i>The Development of the Vascular System in the Human Embryo prior to the Establishment of the Heart.</i> By DONALD M'INTYRE, M.B.E., M.D., F.R.C.S.(Ed.), F.R.F.P. & S.(Glas.), Assistant to the Muirhead Professor of Obstetrics and Gynæcology, University of Glasgow; Assistant Surgeon and Pathologist, Royal Samaritan Hospital for Women, Glasgow; Assistant Physician, Royal Maternity and Women's Hospital, Glasgow. <i>Communicated by Professor T. H. BRYCE, F.R.S. (With Three Plates and Eight Text-figures), (Issued November 11, 1926.)</i>	77
V. <i>Development of Cavia: Implantation.</i> By NORMAN MACLAREN, Ph.D., F.L.S., Lecturer in Embryology, Anatomy Department, University of Glasgow. <i>Communicated by Professor THOMAS H. BRYCE, F.R.S. (With Three Plates and Five Text-figures), (Issued November 18, 1926.)</i>	115
VI. <i>The Development of the Hypophysis Cerebri in Man, with a Note upon its Structure in the Human Adult.</i> By DAVID WATERSTON, M.D., Bute Professor of Anatomy in the University of St Andrews. (With Three Plates and Twelve Text-figures), (Issued December 13, 1926.)	125
VII. <i>The Igneous Geology of Ardsheal Hill, Argyllshire.</i> By FREDERICK WALKER, Carnegie Teaching Fellow, St Andrews University. (With One Plate and Two Text-figures), (Issued February 21, 1927.)	147
VIII. <i>On a Tetracotyle (T. phoxini) in the Brain of the Minnow.</i> By Professor J. H. ASHWORTH, F.R.S., and JANET C. W. BANNERMAN, B.Sc. (From the Department of Zoology, University of Edinburgh.) (With One Plate and Eight Text-figures), (Issued February 12, 1927.)	159
IX. <i>A Critical Examination of the Vittariæ with a View to their Systematic Comparison.</i> By S. WILLIAMS, M.Sc., Ph.D., Lecturer in Botany, Glasgow University. (With Three Plates and Thirty-one Text-figures), (Issued February 21, 1927.)	173
X. <i>On the Feeding Mechanism of a Mysid Crustacean, Hemimysis Lamornæ.</i> (From the Zoological Department of the Imperial College of Science and Technology, South Kensington, London.) By H. GRAHAM CANNON, M.A., D.Sc., F.L.S., Professor of Zoology in the University of Sheffield, and Miss S. M. MANTON, B.A., Yarrow Student of Girton College, Cambridge. <i>Communicated by Professor J. H. ASHWORTH, F.R.S. (With Four Plates and Sixteen Text-figures), (Issued March 4, 1927.)</i>	219
XI. <i>The Fish-Fauna of the Cementstones of Foulden, Berwickshire.</i> By ERROL IVOR WHITE, of the British Museum (Nat. Hist.). <i>Communicated by Professor W. T. GORDON, D.Sc. (With Forty-six Text-figures), (Issued May 20, 1927.)</i>	255

EDINBURGH:

PUBLISHED BY ROBERT GRANT & SON, 126 PRINCES STREET,
AND WILLIAMS & NORGATE, LTD., 14 HENRIETTA STREET, COVENT GARDEN, LONDON, W.C. 2.

MDCCCXXVII.

Price Thirty-seven Shillings and Sixpence.