TRANSACTIONS

OF THE

ROYAL SOCIETY OF EDINBURGH.

VOLUME LVI, PART II.—SESSION 1929-30.

CONTENTS.	P≜GI
XII. A Study of the Effect of Diurnal Periodicity upon Plant Growth. By George Redington, M.Sc., Lecturer in Plant Physiology, University of Aberdeen. Communicated by Professor W. G. Craib. (With Two Plates and Four Text-figures)	247
(Issued June 18, 1929.)	
XIII. Jurassic and Kainozoic Corals from Somaliland. By Mary H. Latham, M.A., Carnegie Research Fellow, Glasgow University. Communicated by Professor J. W. Gregory, F.R.S. (With Two Plates and Four Text-figures)	273
XIV. Studies on the Scottish Marine Fauna: The Fauna of the Sandy and Muddy Areas of the Tidal Zone. By A. C. Stephen, B.Sc., Royal Scottish Museum, Edinburgh. (With Five Text-figures). (Issued July 2, 1929.)	291
XV. Studies in the Ectocarpaceæ. II. The Life-history and Cytology of Ectocarpus siliculosus, Dillw. By Margery Knight, D.Sc. Communicated by Professor J. M'Lean Thompson. (With Six Plates and Three Text-figures)	307
XVI. On Abnormal Teeth in Certain Mammals, especially in the Rabbit. By W. C. M'Intosh,	
M.D., LL.D., D.Sc., F.R.S., Emeritus Professor of Natural History, Gatty Marine Laboratory, University of St Andrews. (With 103 Text-figures) (Issued November 13, 1929.)	333
XVII. The Metamorphic Rocks of Kintyre. By WILLIAM J. McCALLIEN, B.Sc., Lecturer in	
Geology, Glasgow University. Communicated by Dr G. W. TYRRELL. (With Eleven Text-figures)	409
VIII. Notes on the Development of Callichthys littoralis. By Frances M. Ballantyne, M.A.,	
Zoology Department, University of Glasgow. Communicated by Professor J. GRAHAM KERR, F.R.S. (With Three Plates and Thirty Text-figures)	437
(Issued January 15, 1930.)	
XIX. Chromosome Linkage and Syndesis in Enothera. By David G. Catcheside, M.Sc., Assistant in Botany, University of Glasgow. Communicated by Professor Montagu Drummond. (With Three Plates)	467
(Issued March 26, 1930.)	
XX. The Genus Dictyoconus and its Allies: A Review of the Group, together with a Description of Three New Species from the Lower Eocene Beds of Northern Baluchistan. By LieutColonel L. M. Davies, R.A., F.G.S. (With Two Plates and Nine Text-figures).	485
(Issued June 27, 1930.)	
XXI. A Study of Apothecial Development in the Leaf-spot Disease of Red Clover. By S. G. Jones, D.Sc., Lecturer in Botany and Mycology, University of Glasgow. Communicated by Professor Montagu Drummond. (With Nine Text-figures)	507
(Issued July 1, 1930.)	
XXII. Studies on the Scottish Marine Fauna. Additional Observations on the Fauna of the Sandy and Muddy Areas of the Tidal Zone. By A. C. Stephen, B.Sc. (With One Plate and One Text-figure)	521
(Issued July 2, 1930.)	
EDINBURGH:	
PUBLISHED BY ROBERT GRANT & SON, 126 PRINCES STREET,	

AND WILLIAMS & NORGATE, LTD., 38 GREAT ORMOND STREET, LONDON, W.C. 1

MDCCCCXXX.

Price Forty-three Shillings.