

# TRANSACTIONS

OF THE

## ROYAL SOCIETY OF EDINBURGH

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### VOLUME LXVI, 1963-67

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15. *The Placoderm Fish Rhachioosteus pterygiatus Gross and its Relationships.* By ROGER S. MILES, Department of Geology, Royal Scottish Museum, Edinburgh. *Communicated by C. D. WATERSTON,* (With One Plate and Five Text-figures.) Price: 11s. (*Issued July 8, 1966.*)
16. *Distribution in some Scottish Soils of an Inorganic Gel System related to "Allophane".* By J. H. KIRKMAN, B.Sc., Ph.D., B. D. MITCHELL, B.Sc., A.R.I.C. and R. C. MACKENZIE, D.Sc., Ph.D., F.G.S., F.R.I.C., The Macaulay Institute for Soil Research, Craigiebuckler, Aberdeen. (With Five Text-figures and Four Tables.) Price: 14s. (*Issued January 18, 1967.*)
17. *The Major Ultrabasic and Basic Intrusions of St Kilda, Outer Hebrides.* By R. R. HARDING, Department of Geology and Mineralogy, University of Oxford. *Communicated by Dr H. I. DREVER.* (With Two Plates, Eight Text-figures and Five Tables.) Price: 14s. (*Issued January 18, 1967.*)
18. *A Study of some Namurian Marine Faunas of Central Scotland.* By R. B. WILSON, B.Sc., Geological Survey, Edinburgh. (With Four Plates and Five Text-figures.) Price: 25s. (*Issued February 24, 1967.*)

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### VOLUME LXVII, 1967-

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1. *The Proboscis and Oesophagus of some British Turrids.* By EDMUND H. SMITH, Department of Zoology, University of Glasgow, and The Marine Station, Millport. *Communicated by Dr. C. M. YONGE.* (With Seventeen Text-figures.) Price: 11s. (*Issued May 12, 1967.*)
2. *The Neogastropod Stomach, with Notes on the Digestive Diverticula and Intestine.* By EDMUND H. SMITH, Department of Zoology, University of Glasgow, and The Marine Station, Millport. *Communicated by Dr C. M. YONGE, C.B.E., F.R.S.* (With Eleven Text-figures.) Price: 11s. (*Issued February 22, 1967.*)
3. *Trilobites from the Upper Stinchar Limestone (Ordovician) of the Girvan District, Ayrshire.* By RONALD PEARSON TRIPP. (With Six Plates.) Price: 25s. (*Issued June 9, 1967.*)
4. *Some Specimens of Protocepsydropsis and Clepsydropsis from the Calciferous Sandstone Series of Berwickshire.* By ALBERT G. LONG, M.Sc., F.R.E.S., Hancock Museum, Newcastle upon Tyne. (With Four Plates, Two Text-figures and One Table.) Price: 11s. (*Issued June 2, 1967.*)
5. *The Explosion-breccia Pipes near Kentallen, Scotland, and their geological setting.* By D. R. BOWES, M.Sc., Ph.D., D.I.C., F.G.S., Department of Geology, University of Glasgow and A. E. WRIGHT, Ph.D., F.G.S., Department of Geology, University of Birmingham. *Communicated by Professor T. NEVILLE GEORGE, F.R.S.* (With Two Plates, One Map and Seventeen Text-figures.) Price: 20s. (*Issued August 9, 1967.*)
6. *Vegetational Change, Shoreline Displacement and the Human Factor in the Late Quaternary History of South-West Scotland.* By HARVEY NICHOLS, Ph.D., Department of Meteorology, University of Wisconsin, Madison, Wisconsin, U.S.A. *Communicated by Dr H. R. FLETCHER and Dr G. H. MITCHELL, F.R.S.* (With Twelve Text-figures) Price: 25s. (*Issued August 23, 1967.*)

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