

TRANSACTIONS
OF THE
ROYAL SOCIETY OF EDINBURGH

VOLUME LXVII, 1967-68

9. *The Placoderm Fish Coccosteus cuspidatus Miller ex Agassiz from the Middle Old Red Sandstone of Scotland. Part I. Descriptive Morphology.* By ROGER S. MILES, Ph.D. and T. STANLEY WESTOLL, D.Sc., F.R.S., Department of Geology, University of Newcastle upon Tyne. (With Twelve Plates and Fifty-one Text-figures.) Price: 52s. 6d. (Issued May 22, 1968.)
10. *Kochiproductus coronus sp. nov. from the Scottish Visean and a Possible Mechanical Advantage of its Flange Structure.* By K. A. G. SHIELLS, Department of Geology, University of Glasgow. (With One Plate and Twenty Text-figures.) Price: 17s. (Issued June 14, 1968.)

Title page, Contents and Index

VOLUME 68, 1968-

1. *Further Observations on the Scottish Carboniferous Eurypterids.* By CHARLES D. WATERSTON, B.Sc., Ph.D., F.G.S., Department of Geology, Royal Scottish Museum. (With Three Plates, One Text-figure and One Table.) Price: 15s. (Issued June 19, 1968.)
2. *On the Heteromyarian Condition in the Bivalvia with Special Reference to Dreissena polymorpha and Certain Mytilacea.* By C. M. YONGE and J. I. CAMPBELL, Department of Zoology, University of Glasgow. (With Seventeen Text-figures.) Price: 14s. (Issued June 26, 1968.)
3. *Some Specimens of Cladoxylon from the Calciferous Sandstone Series of Berwickshire.* By ALBERT G. LONG, M.Sc., F.R.E.S., Hancock Museum, Newcastle upon Tyne. (With Two Plates and Six Text-figures.) Price: 11s. (Issued August 21, 1968.)
4. *Cyrtoctenus gen. nov., a large late Palaeozoic Arthropod with pectinate Appendages.* By LEIF STØRMER, D.Ph., University of Oslo and CHARLES D. WATERSTON, B.Sc., Ph.D., Royal Scottish Museum, Edinburgh. (With Six Plates and Fourteen Text-figures.) Price: 30s. (Issued December 27, 1968.)
5. *The Petrology of Byne Hill, Ayrshire.* By T. W. BLOXAM, B.Sc., Ph.D., F.G.S., Department of Geology, University College, Swansea, Wales. Communicated by Professor B. C. KING. (With One Plate, Four Text-figures and Two Tables.) Price: 11s. (Issued November 27, 1968.)
6. *Features of Placoderm Diversification and the Evolution of the Arthrodire Feeding Mechanism.* By ROGER S. MILES, Department of Geology, Royal Scottish Museum, Edinburgh. Communicated by Dr. C. D. WATERSON. (With Fourteen Text-figures.) Price: 20s. (Issued April 16, 1969.)
7. *Eurystoma trigona sp. nov., a Pteridosperm ovule borne on a frond of Alciornopteris Kidston.* By ALBERT G. LONG, Hancock Museum, Newcastle upon Tyne. (With Four Plates and Three Text-figures.) Price: 11s. (Issued April 16, 1969.)
8. *On the Schizochroal Eyes of Three Species of Reedops (Trilobita: Phacopidae) from the lower Devonian of Bohemia.* By EUAN N. K. CLARKSON, B.A., Ph.D., Grant Institute of Geology, University of Edinburgh. (With Three Plates and Six Text-figures.) Price: 14s. (Issued November 5, 1969.)

Fellows of the Society purchasing publications for their own use will be allowed a special discount of 33½ per cent on the current prices (see Law XVI).

PRINTED IN GREAT BRITAIN BY NEILL AND CO. LTD., EDINBURGH