

# TRANSACTIONS OF THE ROYAL SOCIETY OF EDINBURGH

VOLUME 69, 1973–76

7. *Coral Reefs and Molluscs*. By C. M. Yonge, P.R.S.E., Department of Zoology, University of Edinburgh. (With 3 plates and 10 text-figures.)  
(Issued February 26, 1974.)
8. *A Stratigraphical Revision of the Old Red Sandstone of North-eastern Caithness*. By R. Nowell Donovan, Richard J. Foster and T. Stanley Westoll, F.R.S. (With 7 text-figures and 11 tables.)  
(Issued March 28, 1974.)
9. *On the Ecology and Sedimentation of the Cardium Shellsands and Transgressive Shellbanks of Traigh Mhor, Island of Barra, Outer Hebrides*. By George E. Farrow. (With 8 plates, 19 text-figures and 2 tables.)  
(Issued November 7, 1974.)
10. *Triradioxylon—a New Genus of Lower Carboniferous Petrified Stems and Petioles together with a Review of the classification of Early Pterophytina*. By P. D. W. Barnard and A. G. Long. (With 4 plates and 3 text-figures.)  
(Issued March 21, 1975.)
11. *Some Observations on the Fertile Parts of Zosterophyllum myretonianum Penhallow from the Lower Old Red Sandstone of Scotland*. By Dianne Edwards. (With 2 plates and 2 text-figures.)  
(Issued March 14, 1975.)
12. *Further Observations on some Lower Carboniferous Seeds and Cupules*. By A. G. Long. (With 6 plates, 6 text-figures and 7 tables.)  
(Issued May 16, 1975.)
13. *Zoning of Ore Deposits: Types and Causes*. By H. L. Barnes. (With 3 text-figures and 8 tables.)  
(Issued May 21, 1975.)
14. *The Silurian Rocks bordering Kirkcudbright Bay, South Scotland*. By C. M. Clarkson, G. Y. Craig and E. K. Walton. (With 6 text-figures and two tables.)  
(Issued December 3, 1975.)
15. *Calathopteris heterophylla, gen. et. sp. nov., a Lower Carboniferous Pteridosperm bearing Two Kinds of Petioles*. By Albert G. Long. (With 2 plates and 4 text-figures.)  
(Issued April 21, 1976.)
16. *The Sensory Fields and Life Mode of Phacops rana (Green, 1832) (Trilobita)*. By John Miller, Grant Institute of Geology, University of Edinburgh. Communicated by Professor G. Y. Craig. (With 4 plates and 6 text-figures.)  
(Issued April 28, 1976.)
17. *Trilobites from the basal superstes Mudstones (Ordovician) at Aldons Quarry, near Girvan, Ayrshire*. By Ronald Pearson Tripp. (With 7 plates and 1 text-figure.)  
(Issued June 30, 1976.)

**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 Scotland  
by T. and A. Constable Ltd., Hopetoun Street, Edinburgh EH7 4NF