## TRANSACTIONS OF

## THE ROYAL SOCIETY OF EDINBURGH

## VOLUME 69, 1973-76

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.)

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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.)

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18. Sedimentation in some Scottish Rivers of Low Sinuosity. By B. J. Bluck, Department of Geology, University of Glasgow. Communicated by Professor T. Neville George. (With 1 plate, 27 text-figures and 1 table.)

(Issued June 16, 1976.)

19. On the Genus Cordulegaster Leach, 1815 (Odonata) with special reference to the Sicilian species. By A. Rodger Waterston, The Royal Scottish Museum, Edinburgh. (With 24 text-figures.)

(Issued May 31, 1976)

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