

**Management in R&D** (6.30 p.m.) Mr A. W. Pearson, Oil and Colour Chemists' Association, at the Manchester Literary and Philosophical Society, 36 George Street, Manchester 1.

**Tellegen's Theorem—an Unusual Theorem of Wide Circuit Application** (5.30 p.m.) Dr R. Spence, Institution of Electrical Engineers, at Savoy Place, London WC2.

**Urea, Agronomic Applications** (2.30 p.m.) Dr T. E. Tomlinson, Fertiliser Society, at the Geological Society, Burlington House, Piccadilly, London W1.

Monday, January 12

**Economical Curing Systems for Greater Productivity** (7.30 p.m.) Mr D. A. Hammersley, Institution of the Rubber Industry, at the Stork Hotel, Queen Square, Liverpool.

**Phasor Diagrams** (5.30 p.m. discussion) Institution of Electrical Engineers, at Savoy Place, London WC2.

**Tribology in the Iron and Steel Industry—an Effective Means of Cost Reduction** (7.30 p.m.) Mr H. P. Jost, Lincolnshire Iron and Steel Institute, at the North Lindsey Technical College, Scunthorpe.

## Reports and Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Department of Education and Science. Statistics of Education 1968. Vol. 1: Schools. Pp. xx+101. (London: HM Stationery Office, 1969.) 30s. net. [1310]

Council for Nature. Report 1968/1969. Pp. 20. (London: Council for Nature, 1969.) [1410]

Department of Education and Science. Science Policy Studies, No. 4: An Attempt to Quantify the Economic Benefits of Scientific Research. By I. C. R. Byatt and A. V. Cohen. Pp. x+25. (London: HM Stationery Office, 1969.) 4s. net. [1410]

Geology, Vol. 1, 1969. Pp. 68. (Cheltenham: The Secretary, Association of Teachers of Geology, St. Pauls College, 1969.) [1410]

National Economic Development Office. Economic Development Committee for the Post Office. International Productivity Comparison in Telecommunications. Pp. x+53. (London: National Economic Development Office, 1969.) [1410]

A New Electrical Machine. By Professor P. J. Lawrenson. (Inaugural lecture delivered in the University of Leeds on 24 February 1969.) Pp. 23+14 plates. (Leeds: Leeds University Press, 1969.) 3s. 6d. [1610]

Mental Health Research Fund. Annual Report and Accounts 1969. Pp. 20. (London: Mental Health Research Fund, 1969.) [1610]

Bulletin of the British Museum (Natural History). Mineralogy. Vol. 2, No. 4: Some Aspects of Penitization with Particular Reference to Chilwa Island and Kanganakunde, Malawi. By A. R. Woolley. Pp. 189-219+plate 9. (London: British Museum (Natural History), 1969.) 20s. [1710]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 1157, Vol. 264 (16 October, 1969): The Crystal Structures at 110 and 300° K of the Equimolar Molecular Compound of Pyrene and Pyromellitic Dianhydride. By F. H. Herbstein and J. A. Snyman. Pp. 635-666+plate 15. (London: The Royal Society, 1969.) 16s.; \$2.05. [1710]

Report of the Agricultural Research Council for the year 1968-69. Pp. vii+150. (London: HM Stationery Office, 1969.) 12s. 6d. net. [2010]

At the Farmer's Service: a Handy Reference to Various Services available to Farmers in England and Wales, 1969/70. Pp. 127. (Pinner, Middx.: Ministry of Agriculture, Fisheries and Food, 1969.) [2010]

Department of Health and Social Security: Welsh Office. Central Health Services Council. The Functions of the District General Hospital—Report of the Committee. Pp. v+21. (London: HM Stationery Office, 1969.) 3s. net. [2010]

Building Research Station Digest, No. 110: Condensation. Pp. 8. (London: HM Stationery Office, 1969.) 6d. [2010]

Natural Environment Research Council. Institute of Geological Studies. Report No. 69/5: A Summary of the Mineral Resources of the "Crofter Counties" of Scotland, comprising Argyllshire, Caithness, Inverness-shire, Orkney and Shetland, Ross and Cromarty, and Sutherland. Compiled by Dr N. G. Berridge. Pp. viii+36. (London: HM Stationery Office, 1969.) 5s. net. [2110]

Scottish Marine Biological Association. Annual Report 1968-69. Pp. 81. (Oban, Argyll: Scottish Marine Biological Association, 1969.) 5s. [2210]

Institute of Personnel Management. Annual Report 1968-69. Pp. 34. (London: Institute of Personnel Management, 1969.) [2210]

University of Reading. National Institute for Research in Dairying—Report 1968. Pp. 131. (Shinfield, Reading: National Institute for Research in Dairying, 1969.) 15s. [2210]

The Commonwealth Forestry Institute, University of Oxford. Forty-fourth Annual Report 1967/1968. Pp. 55. (Oxford: Commonwealth Forestry Institute, 1969.) [2310]

Creativity and Innovation. By Ronald Mavor, Dr D. J. G. Hofroyde, Dr H. G. Conway and Dr I. M. Mackintosh. (The Heriot-Watt University Lectures 1969.) Pp. 60. (Edinburgh: Heriot-Watt University, 1969.) 15s. [2310]

The Zoological Record, 1967, Vol. 104, Section 16: Amphibia. Compiled by Hazel A. Bartlett and Dorothy Thelwall. Pp. iii+110. (London: Zoological Society of London, 1969.) UK and Eire, 40s.; Overseas 47s. (\$US 5.70.) [2310]

### Other Countries

Canada: Department of Energy, Mines and Resources. Geological Survey of Canada. Bulletin 161: Petrology and Structure of Nakusp Map-Area, British Columbia. By D. W. Hyndman. Pp. 95. (27 plates) \$2.75. Bulletin 171: Pre-Mississippian Geology of Northern Axel Heiberg and Northwestern Ellesmere Islands, Arctic Archipelago. By H. P. Trettin. Pp. 82 (17 plates). \$6. Paper 68-45: Geology of Sioux Lookout Map-Area, Ontario, a Part of the Superior Province of the Precambrian Shield (52 J). By R. Skinner. Pp. iv+10. \$1.50. Paper 68-55: Geology of Jennings River Map-Area, British Columbia (104-0). By H. Gabrielse. Pp. iv+37. \$1.50. Paper 69-1: Report of Activities, Part B—November 1968 to March 1969. Pp. vii+89. \$2. Paper 69-2: 1968-1969 Index of Publications of the Geological Survey of Canada. Pp. iii+89. \$1.50. (Ottawa: Queen's Printer, 1968 and 1969.) [2310]

Commonwealth of Australia. Bureau of Mineral Resources, Geology and Geophysics. 1: 250,000 Geological Series—Explanatory Notes. Bougainville Island, North and South, Sheets SB/56 8 and SB/56-12 International Index. Compiled by D. H. Blake. Pp. 20. (Canberra: Bureau of Mineral Resources, Geology and Geophysics, 1967.) [2310]

Australian Academy of Science. Year Book 1969. Pp. 115. (Canberra, ACT: Australian Academy of Science, 1969.) [2310]

Commonwealth of Australia. Department of National Development, Bureau of Mineral Resources, Geology and Geophysics. Bulletin No. 9: Permian Polyzoa from the Bowen Basin. By R. E. Wass. Pp. 110+18 plates. Report No. 121: The Geology of the Duaringa and Saint Lawrence. 1: 250,000 Sheet Areas, Queensland. By E. J. Malone, F. Olgers and A. G. Kirkegaard. Pp. iv+133+7 plates. Report No. 132: Seismicity of Western Australia. By J. B. Everingham. Pp. 44+7 plates. 1: 250,000 Geological Series—Explanatory Notes. Gordon Downs, Western Australia, Sheet SE/52-10 International Index. Compiled by I. Gemuts and J. W. Smith. Pp. 23. Lissadell, Western Australia, Sheet SE/52-2 International Index. Compiled by K. A. Plumb. Pp. 31. (Canberra: Bureau of Mineral Resources, Geology and Geophysics, 1968 and 1969.) [2310]

US Department of Agriculture, in Co-operation with University of Arizona Agricultural Experiment Station. Production Research Report No. 109: Rearing Cotton Insect Parasites in the Laboratory. By D. E. Bryan, C. G. Jackson and Adair Stoner. Pp. 13. (Washington, DC: Government Printing Office, 1969.) \$0.15. [2310]

Australia. New South Wales, Department of Mines. Geological Survey of N.S.W. Geological Survey Report No. 56: Eurow Copper Prospect, Eugowra, N.S.W. By D. R. Kennedy. Report on Specimens from Eurow Copper Prospect, Eugowra. By D. R. Pinkston. Pp. 14. (Sydney: Department of Mines, 1965.) A \$0.50. [2410]

Académie Royale de Belgique. Mémoires, Tome 38, Fasc 5: Variations du Champ Magnétique d'Étoiles Ap Périodiques. Par P. Renson. Pp. 102. (Bruxelles: Académie Royale de Belgique, 1969.) 240 francs. [2410]

Académie Royale de Belgique. Mémoires, Tome 38, Fascicule 4: Étude Biochimique de la Métamorphose Caudale des Amphibiens Anoures. Par Yves Eckhout. Pp. 113. 200 francs. Tome 38, Fascicule 6: Acritharces du Famennien Inférieur. Par F. Stockmans et Y. Willière. Pp. 63+5 planches. 140 francs. (Bruxelles: Académie Royale de Belgique, 1969.) [2710]

Annual Report of the Institute of Agricultural Research, Samaru, for 1966/1967. Pp. xix+71. (Samaru, Zaria: Institute for Agricultural Research and Special Services, Ahmadu Bello University, 1968.) 10s. [2710]

Smithsonian Contributions to Zoology. No. 8: Morphology, Ontogeny, and Intraspecific Variation of Spinacopia, a New Genus of Myodocoid Ostracod (Sarsiliidae). By Louis S. Kornicker. Pp. 50 (6 plates). \$1.25. No. 10: Checklist of Amphibians and Reptiles of Barro Colorado Island, Panama, with comments on Faunal Change and Sampling. By Charles W. Myers and A. Stanley Rand. Pp. 11. \$0.25. No. 14: Indian Ocean Kinorhyncha: 1. Condyloderes and Sphenoderes, New Cyclophagid Genera. By Robert P. Higgins. Pp. 13. \$0.25. (Washington, DC: Smithsonian Institution Press, 1969. For sale by US Government Printing Office.) [2810]

Cytophologie: Zeitschrift für Experimentelle Zellforschung, Band 1, Heft 1, 1969-1970. Pp. 1-120. Subscription: 120 DM (approx. 500 pages). (Stuttgart: Wissenschaftliche Verlagsgesellschaft MBH., 1969.) [2810]

Australia: Commonwealth Scientific and Industrial Research Organization. Annual Report of the Division of Tropical Pastures 1968/69. Pp. 132. (Brisbane: Commonwealth Scientific and Industrial Research Organization, 1969.) [2810]

Annals of the New York Academy of Sciences, Vol. 161, Article 2: The Use of Data Mechanization and Computers in Clinical Medicine. By E. R. Gabrieli, A. Sollberger and 56 other authors. Pp. 371-830. (New York: New York Academy of Science, 1969.) \$21.50. [2810]

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