

# Reports and Publications

not included in the Monthly Books Supplement

## Great Britain and Ireland

Microbiological Research Establishment, Porton. Abstracts of Work published in 1970. Pp. 22. (Porton, Nr. Salisbury: Microbiological Research Establishment, 1971.) [1311]

The Natural Environment Research Council. Publications Series B, No. 2: Tree, Forest and Woodland Research. Pp. 20. (London: The Natural Environment Research Council, 1971.) [1411]

The National Central Library. 55th Annual Report of the Executive Committee for the year ending 31 March 1971. Pp. 27. (London: The National Central Library, 1971.) [1511]

Our Proper Concern. By Charles Curran. (A Speech given at a Meeting of the Radio and Television News Directors' Association, Boston, Mass., 1 October 1971.) Pp. 12. (London: BBC, 1971.) [1511]

Department of the Environment. Archaeological Excavation, 1970. Pp. 93+4 plates. (London: HMSO, 1971.) 50p net. [1511]

Natural Environment Research Council. Institute of Geological Sciences. British Regional Geology. The Welsh Borderland. By J. R. Earp and B. A. Hains. Third edition. Pp. xi+118+11 plates. (London: HMSO, 1971.) 40p net. [1511]

Proceedings of the Royal Irish Academy, Vol. 71, Section A, No. 6: Combustible Vortex Rings. By P. D. McCormack. Pp. 73-84+4 plates. 36p. Vol. 71, Section B, No. 14: Meiobenthic Harpacticoida on the East Coast of Ireland. By C. E. O'Riordan. Pp. 191-210. 25p. (Dublin: Royal Irish Academy, 1971.) [1511]

University Grants Committee. First Employment of University Graduates, 1969-70. Pp. 51. (London: HMSO, 1971.) 68p net. [1511]

Bulletin of the British Museum (Natural History). Entomology, Vol. 26, No. 6: The Elmidae (Coleoptera) of Trinidad and Tobago. By H. E. Hinton. Pp. 245-265+9 plates. (London: British Museum (Natural History), 1971.) £1.60. [1611]

Proceedings of the First International Symposium on Biological Control of Weeds, March 1969. Edited by Dr. F. J. Simmonds. (Miscellaneous Publication No. 1.) Pp. vii+110. (Farnham Royal, Slough: Commonwealth Agricultural Bureaux, 1970.) £2. [1811]

The Natural Rubber Producers' Research Association. Rubber Developments Supplement, 1971, No. 7: Natural Rubber in Asphalt Pavements. By L. Mullins. Pp. 18. (Welwyn Garden City: The Natural Rubber Producers' Research Association, 1971.) [1811]

Natural Environment Research Council. Institute of Coastal Oceanography and Tides, 1970/1971. Pp. 34. (Birkenhead: Institute of Coastal Oceanography and Tides, 1971.) [1911]

The Control of Human Aging: a Synopsis. By Richard Bailey. Pp. 32. (London: The Reabilities Trust, 1971.) [1911]

Co-operative College Papers, No. 14: Robert Owen and his Relevance to our Times. (Addresses contributed during the Robert Owen Bi-centenary Summer School, July 17th to 23rd, 1971.) Pp. 63. (Loughborough: Education Department, Co-operative Union, Ltd., 1971.) [1911]

National Institute for Research in Dairying (University of Reading)—Report 1969-70. Pp. 180. (Shinfield, Reading: National Institute for Research in Dairying, 1971.) £1.20. [1911]

Water Resources Board. The Measurement of River Water Temperature. By R. W. Herschy. (TN5 revised.) Pp. 18. The Magnitude of Errors at Flow Measurement Stations. By R. W. Herschy. (TN11 revised.) Pp. 30. (Reading: Water Resources Board, 1971.) [1911]

Queen Elizabeth College, University of London. Department of Physics Research Report, 1969-1971. Pp. 38. (London: Queen Elizabeth College, 1971.) [1911]

The Institution of Gas Engineers, Communications. No. 858: Second Report of the Education and Training Committee, 1970-71. Pp. 15. 50p. No. 859: Gas for Radiant Space Heating. By F. M. H. Taylor. Pp. 11. 50p. No. 860: A Study of Unvalved Pulse Combustors. By F. E. J. Briffa, P. W. Staddon, R. N. Phillips, and D. R. Romaine. Pp. 12. 50p. No. 861: Fundamentals of Methane Combustion. By G. Dixon-Lewis, et al. Pp. 9. No. 862: Institution Gas Research Fellowship Report, 1967-70. Pp. 11. 50p. No. 863: Recent Developments in Flueing. By J. Emerson and M. J. Randall. Pp. 17. £1. No. 864: Marketing Research in the Natural Gas Industry. By F. J. Johnson. Pp. 14. 50p. (London: The Institution of Gas Engineers, 1971.) [2211]

The Gas Council. Research Communications. No. 180: Report on the Gas Council Research Scholarships, 1971. Pp. 8. 50p. No. 181: Recent Developments in Domestic Heating by Hot Water. By B. S. Cheyney and E. A. K. Patrick. Pp. 16. 50p. No. 182: A Study of the Performance of Automatic Packaged Gas Burners. By M. L. Hoggarth, D. A. Jones and K. F. Pomfret. Pp. 15. No. 183: 62nd Report of the Joint Refractories Committee, 1970-71. Pp. 24. £1. No. 184: The Prediction of Heat Transfer and Thermal Performance in Gas-Fired Processes. By R. M. Davies, D. M. Lucas and Mrs. H. E. Toth. Pp. 19. £1. No. 185: Some Characteristics of Practical Spark-Ignition Systems. By B. Ekins and J. R. Wilson. Pp. 14. No. 186: Soot in Laminar Gas Flames. By Stuart B. Reed and Frank G. Roper. Pp. 17. No. 187: The Properties of British Natural Gas. By A. B. Densham and R. M. Gibbons. Pp. 13. No. 188: Inspecting Inspectors. By R. Chrisp, R. F. Lumb, B. Phelps and R. B. Gibbon. Pp. 14. 50p. No. 189: A Review of Computer Programs for Network Analysis (Developed at London Research Station). By A. E. Fincham. Pp. 11. 50p. No. 190: Safety Shut-Off Systems for Gas Burners. By S. H. Hutt, D. J. Moppett and K. Stein. Pp. 13. 50p. No. 191: Terminal Design for Fan-Assisted Balanced Flues. By N. C. Ross and J. C. Tipping. Pp. 15. 50p. (London: The Gas Council, 1971.) [2211]

Engineering Industry Training Board. Booklet No. 14: The Training of Technicians. Pp. 52. (Watford: Engineering Industry Training Board, 1971.) [2311]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences, Vol. 263, No. 848 (18 November 1971): Fine Structure and Development of the Zygospore of *Rhizopus sexualis* (Smith) Callen. By Lilian E. Hawker and A. Beckett. Pp. 71-100+plates 5-15. (London: The Royal Society, 1971.) £1.75; \$4.55. [2311]

University College of Wales, Aberystwyth. Report of the Welsh Plant Breeding Station for 1970. Pp. 121. (Plas Gogerddan, Near Aberystwyth: Welsh Plant Breeding Station, 1971.) 50p. [2411]

## Other Countries

World Meteorological Organization. Manual for Depth-Area-Duration Analysis of Storm Precipitation. Pp. xv+114. Technical Notes. No. 97: Practical Soil Moisture Problems in Agriculture. Pp. xv+69. No. 101: Meteorology and Grain Storage. By C. V. Smith. Pp. xvi+65. No. 105: Artificial Modification of Clouds and Precipitation. By M. Neiburger. Pp. 33. (Geneva: World Meteorological Organization, 1968 and 1969.) [2910]

Seismic Methods for Monitoring Underground Explosions—1971. Progress Report. By Dr. David Davies. Pp. 24. (Stockholm: Stockholm International Peace Research Institute, 1971.) [2910]

Australian Academy of Science. Year Book, June 1971. Pp. 124. (Canberra: Australian Academy of Science, 1971.) [811]

Unesco. Technical Papers in Hydrology, No. 8:

Flood Studies—an International Guide for Collection and Processing of Data. Edited by F. Snyder, A. Sokolov and K. Szesztay. Pp. 49. (Paris: Unesco; London: HMSO, 1971.) 16 francs; £1.20; \$4. [811]

Australia: Commonwealth Scientific and Industrial Research Organization. Annual Report of the Division of Tropical Pastures, 1970-71. Pp. 104. (Brisbane: CSIRO, 1971.) [1011]

CSIRO, Australia, Division of Soils. Technical Papers. No. 4: Fortran Programs for Use in Fluorescent X-ray Analyses of Silicates, Soils and Vegetable Matter. By A. C. Oertel. Pp. 24. No. 5: Computer Programs for Use in X-ray Spectrography—Determination of Trace Elements and of Dead-Time of Counters. By A. C. Oertel. Pp. 16. (Melbourne: CSIRO, 1971.) [1011]

Queen Victoria Museum and Art Gallery, Launceston, Tasmania. Annual Report, 1969/1970. Pp. 8+2 plates. Records of the Queen Victoria Museum. No. 37: On the Occurrence in Tasmania and on Filders Island of *Brachygalaxias Eigenmanni*, 1928 (Pisces: Galaxiidae), with Descriptions of Two New Species. Pp. 14. No. 38: Sea Turtles Round Tasmania. By R. H. Green. Pp. 4. No. 40: The Birds of King Island. By R. H. Green and A. M. McGarvie. Pp. 42. No. 41: Parasites of Tasmanian Native and Feral Fauna. Part I: Arthropoda. By R. H. Green and B. L. Munday. Pp. 16. (Launceston: Queen Victoria Museum, 1971.) [1011]

Smithsonian Contributions to Zoology, No. 100: Taxonomic Study of the Known Pupae of the Genus *Anthrax* (Diptera: Bombyliidae) in North and South America. By Norman Marston. Pp. 18+4 plates. (Washington, DC: Smithsonian Institution Press, 1971. For sale by US Government Printing Office.) \$0.35. [1111]

Background Study for the Science Council of Canada. Special Study No. 13: Earth Sciences Serving the Nation. Pp. 363. (Ottawa: Information Canada, 1971.) \$4.50. [1111]

US Department of the Interior: Geological Survey. Water-Supply Paper 1866-A: Floods of December 1964 and January 1965 in the Far Western States. Part I: Description. By A. O. Waananen, D. D. Harris and R. C. Williams. Pp. x+265. (Washington, DC: Government Printing Office, 1971.) \$1.25. [1111]

Bulletin of the American Museum of Natural History, Vol. 145, Article 3: Biologies of African Allopodine Bees (Hymenoptera, Xylocopinae). By Charles D. Michener. Pp. 219-302. (New York: American Museum of Natural History, 1971.) \$3.15. [1111]

The Israel Academy of Sciences and Humanities. Proceedings—Section of Sciences, No. 18: Quasars and Pulsars. By Y. Ne'eman. Pp. 18. (Jerusalem: The Israel Academy of Sciences and Humanities, 1971.) IL2.50; \$1.25. [1111]

Canada: Department of Energy, Mines and Resources. Geological Survey of Canada. Bulletin 192: Contributions to Canadian Paleontology. By A. E. H. Pedder, A. C. Lenz, D. E. Jackson, A. R. Ormiston, W. W. Nassichuk and T. P. Chamney. Pp. 108 (18 plates). \$6. Paper 70-33: Metamorphic Map of the Canadian Cordillera. By J. W. H. Monger and W. W. Hutchison. Pp. v+59. \$2. Paper 71-4: Abstracts of Publications in Scientific Journals by Officers of the Geological Survey of Canada, April 1970 to March 1971. Pp. 51. \$1.50. (Ottawa: Information Canada, 1971.) [1211]

Science Policy Research and Teaching Units/Unités de Recherche et d'Enseignement en Politique Scientifique—Europe and North America/Europe et Amérique du Nord, 1967-1970. Pp. 378. (Paris: Unesco; London: HMSO, 1971.) 20 francs; £1.50. [1211]

New Students and New Places: Policies for the Future Growth and Development of American Higher Education. (A Report and Recommendations by The Carnegie Commission on Higher Education, October 1971.) Pp. 158. (Hightstown, NJ: McGraw-Hill Book Company, 1971.) \$3.50. [1311]

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