

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Proceedings at a Congregation of the University of Birmingham, 14 July, 1962. Degrees in Pure Science and in Commerce and Social Science. Pp. 20. Degrees in Arts and in Medicine and Dentistry. Pp. 16. Degrees in Applied Science and in Law. Pp. 15. (Birmingham: The University, 1962.) [187]
- Department of Scientific and Industrial Research. Torry Research Station Annual Report 1961 on the Handling and Preservation of Fish and Fish Products: Report of the Torry Research Station Steering Committee and Report of the Director of the Torry Research Station. Pp. iv+44+4 plates. (London: H.M. Stationery Office, 1962.) 4s. [187]
- Eighteenth Annual Report of the British Coke Research Association for the year 1961. Pp. 35. (Chesterfield: British Coke Research Association, 1962.) [187]
- The Atomic Gardening Society. *The Atomic Gardening Digest*, Vol. 3, No. 3 (June 1962). Pp. 10. (Winchelsea: Dr. Thomas Gray, The Atomic Gardening Society, "Winipeg", 1962.) [187]
- Council for the Preservation of Rural Wales. (Cymdeithas Deiglu Harddwel Cymru.) Annual Report, 1959-1960; 1960-1961. Pp. 93+2 plates. (Machynlleth, Montgomeryshire: Council for the Preservation of Rural Wales, 1962.) [237]
- Cement and Concrete Association. Report for the year 1961. Pp. ii+100. (London: Cement and Concrete Association, 1962.) [237]
- Science Books for a School Library, Supplement No. 3, 1962. (A list of recent books selected from those sent by publishers to the Science Masters' Association.) Pp. 16. (London: John Murray, 1962. Published for the Science Masters' Association.) 1s. [237]
- Magnanimity. By Sir Charles Snow. (Rectorial Address delivered before the University of St. Andrews on 13 April, 1962.) Pp. 23. (St. Andrews, Fife: Students' Representative Council, The University, 1962.) 2s. [237]
- The Physics of Chemical Structure. By R. J. Taylor. (Advanced Series in Unilever Educational Booklets.) Pp. 40. (London: Unilever Education Section, Unilever House, 1962.) [237]
- The Nuffield Foundation. Seventeenth Report for the year ended 31 March, 1962. Pp. xiv+159. (London: The Nuffield Foundation, 1962.) [237]
- Bulletin of the Royal Society International Scientific Information Services*, Vol. 1, No. 1 (July 1962). Pp. 80. (London: The Royal Society, 1962.) [237]
- The Natural Rubber Producers' Research Association. Twenty-fourth Annual Report. Pp. 39. (London: The Natural Rubber Producers' Research Association, 1962.) [237]
- Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences, No. 720, Vol. 245 (19 July, 1962): The Structure and Innervation of the Nuclear Bag Muscle Fibre System and the Nuclear Chain Muscle Fibre System in Mammalian Muscle Spindles. By L. A. Boyd. Pp. 81-136+plates 42-54. (London: The Royal Society, 1962.) 4s. [237]
- Department of Scientific and Industrial Research. Research for Industry 1961: A Report on Work done by Industrial Research Associations in the Government Scheme. Pp. iv+140+12 plates. (London: H.M. Stationery Office, 1962.) 10s. net. [237]
- Bulletin of the British Museum (Natural History). Entomology. Vol. 12, No. 4: A Revision of African Laemophloeinae (Coleoptera: Cucujidae). By L. P. Lefkovich. Pp. 165-245. 27s. 6d. Vol. 12, No. 5: Microlepidoptera from the New Hebrides: Records and Descriptions of Microlepidoptera collected on the Island of Aneityum by Miss Evelyn Cheesman, O.B.E. By J. D. Bradley. Pp. 247-271+plates 14-27. 20s. Vol. 12, No. 6: The Acridoides (Orthoptera) of Madagascar. 1: Acrididae (Except Acridinae). By V. M. Dirsh. Pp. 273-350. 26s. (London: British Museum (Natural History), 1962.) [237]

Other Countries

- Universities Under Siege. By Sir Eric Ashby. (The Chancellor's Lecture.) Pp. 19. (Johannesburg: University of the Witwatersrand, 1962.) [237]
- Smithsonian Institution: United States National Museum. Bulletin 232: The Lithographs of Childe Hassam—a Catalog. By Fuller Griffith. Pp. vii+66. 5s. cents. Contributions from the Museum of History and Technology. Paper 13: Excavations at Rosewell in Gloucester County, Virginia, 1957-1959. By Ivor N. Hume. Pp. 153-229. 70 cents. (Washington, D.C.: Government Printing Office, 1962.) [237]
- The Natural History of Rennell Island, British Solomon Islands. Vol. 4: (Invertebrates, Pars; and addition to Vertebrates.) By Torben Wolff. (Scientific Results of the Danish Rennell Expedition, 1951 and The British Museum (Natural History), Expedition, 1953.) Pp. 120+18 plates. (Copenhagen: Danish Science Press, Ltd., 1962. Published for the University, Copenhagen, and the British Museum (Natural History), London.) 35 Danish kr. [237]
- Institut Royal des Sciences Naturelles de Belgique. Bulletin. Tome 38, No. 1: René Verheyen (1907-1961): Notice Biographique. Par René Van Tassel et Ludó Van Meel. Pp. 14+1 planche. Tome 38, No. 2: Les Denticulations Cardinales des Spiriferidae. Par Antoine Vandercammen. Pp. 6+1 planche. Tome 38, No. 3: Heninia, Discinites et Tongshania. Par Francois Stockmans et Yvonne Williere. Pp. viii+2 planches. Vol. 38, No. 4: Contribution à l'Étude des Bostrychidae. 31: Troisième Collection du Musée Zoologique de l'Université Humboldt à Berlin. Par Jean-Marie Vrydagh. Pp. 47. Tome 38, No. 7: Sur la Présence du Pristotest dans les Brachyopodes Articulés. Par Antoine Vandercammen. Pp. 17+2 planches. Tome 38, No. 8: A Propos de l'Ordre des *Aphelophlebia* (Insectes Palaeoptera). Par Georges Demoulin. Pp. 4. Tome 38, No. 9: Mission A. Collart en Espagne (1960). Diptera Bombyliidae. Par Frans Joseph Francois. Pp. 8. Tome 38, No. 14: Notes sur les Microlepidopteres de Belgique.

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- Institutt for Atomenergi, Kjeller. Quarterly Progress Report, January-March 1962. Pp. 41. (K.R. 22.) (Lillestrøm: Institutt for Atomenergi, Kjeller Research Establishment, 1962.) [237]
- Publications de l'Institut National pour l'Étude Agronomique du Congo. Flore du Congo et du Rwanda-Burundi. Vol. 8, 1: Spermatophytes. Préparé par le Comité Exécutif de la Flore et par le Jardin Botanique de l'État. Pp. vii+214. (Bruxelles: Institut National pour l'Étude Agronomique du Congo, 1962.) [237]
- Republic of Iraq. Ministry of Communications: Directorate General of Civil Aviation. Meteorological Department. Meteorological Memoirs, Vol. 1. Pp. ii+165. (Baghdad: Ministry of Communications, Meteorological Department, 1962.) [237]
- National Aeronautics and Space Administration, Washington. Technical Note D-1153: Star Catalogs on Punched Cards and Magnetic Tape. By J. H. Berbert. Pp. 6. Star Catalogs on Punched Cards and Magnetic Tapes—Details. By J. H. Berbert and J. D. Oosterhout. Pp. 12. (Washington, D.C., and Greenbelt, Md.: National Aeronautics and Space Administration, 1961 and 1962.) [237]
- United States Department of the Interior: Geological Survey. Water-Supply Paper 1329-B: Waterpower Resources of the Wilson River Basin, Oregon. By Donald W. Neal. With a section on Geology by David L. Gaskill. Pp. iv+31-62+plate 3. Water-Supply Paper 1585: Effect of Irrigation on Ground Water in Southern Canyon County, Idaho. By P. R. Stevens. Pp. iv+74+4 plates. Water-Supply Paper 1702: Surface Water Supply of the United States, 1960. Part 1-B: North Atlantic Slope Basins, New York to York River. Prepared under the direction of E. L. Hendricks. Pp. xi+567. Water-Supply Paper 1708: Surface Water Supply of the United States, 1960. Part 5: Hudson Bay and Upper Mississippi River Basins. Prepared under the direction of E. L. Hendricks. Pp. xii+588. (Washington, D.C.: Government Printing Office, 1961 and 1962.) [237]
- United States Department of Commerce: Coast and Geodetic Survey. Technical Bulletin No. 19: Analytic Absolute Orientation in Photogrammetry. By G. C. Tewinkel. Pp. 11+18. (Washington, D.C.: Government Printing Office, 1962.) 20 cents. [237]
- United States Atomic Energy Commission: Oak Ridge National Laboratory. ORNL-3300, Volume 1 (Special): Publications, Reports, and Papers for 1961 from Oak Ridge National Laboratory. Pp. vi+82. (Oak Ridge, Tennessee: Oak Ridge National Laboratory, 1962. Available from Office of Technical Services, U.S. Department of Commerce, Washington 25, D.C.) 2 dollars. [237]
- United States Department of Commerce: Coast and Geodetic Survey. C. and G.C. Publication 31-3: Surface Water Temperature and Salinity, Pacific Coast—North and South America and Pacific Ocean Islands. Pp. iii+71. (Washington, D.C.: Government Printing Office, 1962.) 45 cents. [237]
- Tables for Complex Hyperosculatory Interpolation Over a Cartesian Grid. By Herbert E. Salzer, Genevieve M. Kimbro and Marjory M. Thorn. Pp. i+71. (San Diego, Calif.: General Dynamics/Astronautics, Division of General Dynamics Corporation, 1962.) [237]
- Population Reference Bureau. *Population Bulletin*, Vol. 18, No. 41 (July, 1962): The Common Market. Pp. 65-190. (Washington, D.C.: Population Reference Bureau, 1962.) 50 cents. [237]
- Annals of the New York Academy of Sciences. Vol. 93, Article 10: Radio Telescope Structures. By Jacob Feld. Pp. 351-456. (New York: New York Academy of Sciences, 1962.) [237]
- Transactions of the American Philosophical Society. New Series, Vol. 52. Part 2: Late Permian Terrestrial Vertebrates, U.S.A. and U.S.S.R. By Prof. Everett C. Olson. Pp. 224 (21 plates). (Philadelphia: The American Philosophical Society, 1962.) 5 dollars. [237]
- Smithsonian Miscellaneous Collections. Vol. 144, No. 3: Revision of the Cassiduloid Echinoids. By Porter M. Mier. Pp. iii+262+44 plates. (Publication 4500.) Vol. 145, No. 1: Systematic Notes Concerned with the Avifauna of Panama. By Alexander Wetmore. Pp. 14. (Publication 4501.) Vol. 145, No. 2: Notes on Fossil and Sub-fossil Birds. By Alexander Wetmore. Pp. 17. (Publication 4502.) (Washington, D.C.: Smithsonian Institution, 1962.) [237]
- Western Australia. Report of the Government Chemical Laboratories for the year 1960. (Extract from the Report of the Department of Mines.) Pp. 30. (Perth: Government Printer, 1962.) [237]
- Canada. Meteorological Branch: Department of Transport. Division of Building Research: National Research Council. NRC 6521: A Bibliography of Canadian Climate, 1763-1957. Compiled by Morley K. Thomas. Pp. 114. (Ottawa: Queen's Printer, 1961.) 1 dollar. [237]

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