

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 934, Vol. 247 (19 April 1955): The Scattering of a Scalar Wave by a Semi-infinite Rod of Circular Cross Section. By D. S. Jones. Pp. 499-528. 9s. No. 935, Vol. 247 (19 April 1955): On Certain Integrals of Lipschitz-Hankel Type Involving Products of Bessel Functions. By G. Eason, B. Noble and I. N. Sneddon. Pp. 529-551. 7s. (London: Royal Society, 1955.) [254]
- Department of Scientific and Industrial Research. Report of the Road Research Board, with the Report of the Director of Road Research for the year 1954. Pp. vi+82+4 plates. (London: H.M. Stationery Office, 1955.) 4s. net. [254]
- Department of Scientific and Industrial Research. Report of the Hydraulics Research Board, with the Report of the Director of Hydraulics Research for the year 1954. Pp. vi+52+11 plates. (London: H.M. Stationery Office, 1955.) 5s. net. [254]
- Royal Institute of Chemistry. Lectures, Monographs and Reports, 1955. No. 2: Chemistry, Biochemistry and Isotopic Tracer Technique. By George Popjak. Pp. iv+59. (London: Royal Institute of Chemistry, 1955.) [254]
- Empire Cotton Growing Corporation. Progress Reports from Experiment Stations, Season 1953-54. Northern Nigeria. Pp. 21. (London: Empire Cotton Growing Corporation, 1955.) 9d. [254]
- Annual Report and Year Book of the Association of British Pharmaceutical Industry, 1954-55. Pp. 35. (London: Association of British Pharmaceutical Industry, 1955.) [254]
- Proceedings of the Thirtieth International Congress of Americanists, held at Cambridge, 18-23 August 1952. Pp. xxx + 250 (24 plates). (London: Royal Anthropological Institute.) [254]
- Local Accessibility: the Hinterlands of Towns and Other Centres as Determined by an Analysis of Bus Services. Compiled by the Ministry of Housing and Local Government from information supplied by the bus operators and the Ministry of Transport and Civil Aviation. Sheet 1: Scotland and N. England. Sheet 2: The Remainder of England and Wales. (Chessington, Surrey: Director General of the Ordnance Survey, 1955.) 5s. per sheet. [254]
- Stammering: Its Cause and Cure. (A supplement to "Stammer is Not Nerves".) By H. V. Hemery. Pp. iv+17. (London: School for Functional Speech Disability, 1955.) [254]
- Ministry of Agriculture and Fisheries. Bulletin No. 161: British Poisonous Plants. Pp. vi+116+9 plates. (London: H.M. Stationery Office, 1954.) 6s. 6d. [254]
- The Control of Pests and Diseases of Farm and Market Garden Crops. Pp. 16. (Wheatthampstead: The Murphy Chemical Company, Ltd., 1955.) [254]
- North Staffordshire Field Club. Transactions and Annual Report, 1953-54. Vol. 98. Edited by H. V. Thompson. Pp. 127+4 plates +B75-B90. (Stoke-on-Trent: North Staffordshire Field Club, 1954.) 10s. 6d. [254]

Other Countries

- Institut Royal Météorologique de Belgique. Publications, Série B. No. 13: Observations de la radiation solaire durant l'éclipse de soleil du 30 juin 1954. Par R. Dogniaux. Pp. 11. No. 14: Les périodes de grands froids en Belgique (1901-1954). Par Dr. A. Vandenplas. Pp. 30. No. 15: Sur les transformations adiabatiques et isobariques dans l'atmosphère. Par L. Dufour. Pp. 10. Contributions. No. 16: Les aspects météorologique et climatologique des Pollutions Atmosphériques. Par L. Poncet. Pp. 15. No. 17: L'aéronomie et sa nomenclature. Par Dr. M. Nicolet. Pp. 6. No. 18: Étude du climat de la radiation en Belgique. Par R. Dogniaux. Pp. 54. No. 19: Sur l'organisation de la météorologie agricole en Belgique. Par Dr. A. Vandenplas. Pp. 13. (Uccle-Bruxelles: Institut Royal Météorologique de Belgique, 1954 and 1955.) [254]
- Sudan Government: Ministry of Agriculture. Memoirs of Forestry Division. No. 6: Working Plan for the *Acacia nilotica* Forest Reserves, Gezira Circle. By G. A. Booth. Pp. 107. (Khartoum: Agricultural Publications Committee, Ministry of Agriculture, 1954.) 40 P.T. [254]
- United Nations. Demographic Yearbook, 1954. (Sixth issue.) Pp. 729. (New York: United Nations; London: H.M. Stationery Office, 1954.) [Cloth: 7.50 dollars; 55s. Paper: 6 dollars; 45s.] [254]
- New Zealand. Department of Scientific and Industrial Research. Seismological Observatory, Wellington, W.I. Seismological Report for October, November, December, 1951. Pp. ii+22. (Bulletin E. 126.) Seismological Report for January, February, March, 1952. Pp. ii+16. (Bulletin E. 127.) (Wellington: Government Printer, 1955.) [254]
- United States Observatory. Circular No. 56: Positions, Areas, and Counts of Sunspots, November-December, 1954. By Winifred Sawtell Cameron. Pp. 4. (Washington, D.C.: U.S. Naval Observatory, 1955.) [254]
- Colloque sur la Protection et la Conservation de la Nature dans le Proche-Orient, Palais de l'Unesco, Beyrouth, 3-8 Juin, 1954. (Organisé par la Société Libanaise des Amis des Arbres et le Centre de Coopération Scientifique de l'Unesco pour le Moyen-Orient.) Pp. 176. (Cairo: Unesco, Middle East Science Cooperation Office, 1955.) [254]
- Progresso Terapeutico: Rassegna Trimestrale di Medicina. Anno Nr. 1 (Gennaio-Marzo, 1955.) Pp. 48. (Roma: Il Progresso Terapeutico, Via Ascoli Piceno Nr. 19, 1955.) [254]
- Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Memoir 274: Geology and Mineral Deposits of Alken Lake Map-Area, British Columbia. By E. F. Roots. Pp. ix+246+10 plates. (No. 2514.) (Ottawa: Queen's Printer, 1954.) 1 dollar. [254]
- Board of Grain Commissioners, Winnipeg. Grain Research Laboratory—1954 Report. (Twenty-eighth Annual Report.) Pp. 78. (Ottawa: Queen's Printer, 1955.) [254]
- International Nickel Company of Canada Limited. Address to Shareholders—Annual Meeting, April 27, 1955. By John F. Thompson.

- Pp. 21. (Toronto: International Nickel Company of Canada Limited, 1955.) [284]
- A Doctor's Dilemma: a Lecture given to the Philosophical Society, University College, Ibadan, on November 4, 1953. By Peter Konstam. Pp. 12. (Ibadan: Ibadan University Press.) [284]
- Botany and Medicine in West Africa: a Talk given to the West African Arts Club and the Race Relations Group (Institute of Sociology) at the Friends' International Centre, London, on November 23, 1952. By Dr. F. B. Irvine. Pp. 10. (Ibadan: Ibadan University Press.) [284]
- Proceedings of the New Zealand Ecological Society. No. 1: Report of the Second Annual Meeting, Wellington, 21-22 May, 1953. Pp. 24. 3s. No. 2: Report of the Third Annual Meeting, Auckland, 19th to 21st May, 1954. Pp. 24. (Wellington: New Zealand Ecological Society, 1953 and 1954.) [284]
- Sudan Government: Ministry of Agriculture. Bulletin No. 12: Gezira Soil. By T. N. Jewitt. Pp. i+83. P.T. 25. Memoirs of the Field Division. No. 5: Some Aspects of Agricultural Development in the Sudan. By T. R. G. Moir. Pp. 37. P.T. 15. No. 6: Some Notes on Zandeland. By A. G. McCall and K. L. Lea-Wilson. Pp. i+16. P.T. 7. (Khartoum: Agricultural Publications Committee, Ministry of Agriculture, 1954 and 1955.) [284]
- Canada: Province of Quebec. Department of Mines—Laboratories Branch. P.R. No. 301: A Chemical Study of the Peats of Quebec. 6: The Small Tea Field Bog, Huntingdon County. 7: The Large Tea Field Bog, Huntingdon County. By J. Risi, C.-E. Brunette and H. Girard. Pp. iii+28+3 plates. P.R. No. 305: The Use of the Thermobalance in Analytical Chemistry. By Fernand Claisse, Florian East and Frederic Abesque. Pp. 6+5 figures. (Quebec: Department of Mines, 1954.) [284]
- Carnegie Institution of Washington. Year Book No. 53: July 1, 1953-June 30, 1954, with Administrative Reports through December 10, 1954. Pp. xxxiv+15+311+8 plates. (Washington, D.C.: Carnegie Institution of Washington, 1954.) Paper: 1 dollar; Cloth: 1.50 dollars. [294]
- United States Department of Commerce: National Bureau of Standards. Computer Development (SEAC and DYSEAC) at the National Bureau of Standards, Washington, D.C. (N.B.S. Circular No. 651.) Pp. iv+146. (Washington, D.C.: Government Printing Office, 1955.) 2 dollars. [294]
- Central Board of Geophysics. Publication No. 1: A Compilation of Papers on the Assam Earthquake of August 15, 1950. Compiled by M. B. Ramachandra Rao. Pp. viii+112+29 plates. (Calcutta: Central Board of Geophysics, 1953.) [25]
- Indian Forest Bulletin No. 167 (New Series): On Measurement of Toughness on Timber—Some Preliminary Investigations. By Dr. Franz Kollmann and A. G. Sekhar. Pp. ii+40. (Delhi: Manager of Publications, 1954.) 3 rupees; 14 annas. [25]
- Forest Research Institute, Dehra Dun. Indian Forest Leaflet No. 138: (Wood Seasoning)—Indian Timbers for Slate Frames. By M. A. Rehman, Jai Kishen and M. L. Mehra. Pp. i+5. (Delhi: Manager of Publications, 1954.) 6 annas. [25]
- Transactions of the Mining, Geological and Metallurgical Institute of India. Vol. 49, December, 1952: Recommendations of the Implementation Committee and the Proceedings of the Symposium on Training of Personnel for the Mineral Industry, October, 10th and 11th, 1952. Calcutta. Pp. xvii+335. (Calcutta: Mining, Geological and Metallurgical Institute of India, 1954.) 15 rupees. (10 rupees to members.) [25]
- Indian Association for the Cultivation of Science. Report of a Symposium on High Polymers (including Rubbers, Resins, Plastics and Fibres), held at the Association on the 29th March and 30th March, 1954, organized by the Physical Chemistry Department, I.A.C.S., with an Appendix containing a list of publications of the Physical Chemistry Dept. Pp. 22. (Jadavpur, Calcutta: Indian Association for the Cultivation of Science, 1954.) [25]

Catalogues

- Eastman Organic Chemicals. (List No. 39.) Pp. 224. (Kirkby, Liverpool: Kodak Limited, 1955.)
- Catalogue No. X160/U: The Minus Seventy Thermostat Bath. Pp. 3. (Croydon: Townson and Mercer, Ltd., 1955.)
- Firmasil Borosilicate Glassware. Pp. 12. (Barnsley: Wood Bros. Glass Co., Ltd., 1955.)
- "Oil Free" Compressors and Vacuum Pumps. Pp. 12. (Parkstone: Northey Rotary Compressors, Ltd., 1955.)
- A. Gallenkamp and Co., Ltd. Publication No. 560: A New Fraction Collector for Column Chromatography. Pp. 2. Publication No. 561: Super-Shaker. Pp. 2. Publication 562: Mettler Analytical Balances. Pp. 2. (London: A. Gallenkamp and Co., Ltd., 1954.)
- Voss Instruments. Pp. 6. (Maldon, Essex: Voss Instruments, Ltd., 1955.)
- Hilger and Watts, Ltd. Publication CH 334: Hilger Metal Ratio Analyser. Pp. 4+1 plate. (London: Hilger and Watts, Ltd., 1954.)
- Sunvic Controls, Ltd. Data Sheet 13: Pulse Height Analyser. Pp. 4. (London: Sunvic Controls, Ltd., 1955.)
- Fielden Electronics, Ltd. Level Control—Tektor Type J. (The Application of Electronic Capacity Relays to Industrial Level Induction.) Pp. iv+28. (Wythenshawe: Fielden Electronics, Ltd., 1955.)
- Eastman Organic Chemicals—Stock Items. Pp. i+60. (Kirkby, Liverpool: Kodak Limited, 1955.)
- Hopkin and Williams Chemical Catalogue. Supplement No. 2: Pp. 4. Supplement No. 3: Pp. 4. Supplement No. 4: Pp. 6. Supplement No. 5: Pp. 8. (Chadwell Heath: Hopkin and Williams, Ltd., 1954 and 1955.)
- Petroleum Films Bureau. A list of 35mm and 16mm Documentary and Instructional Films. Pp. 43. (London: Petroleum Films Bureau, 1955.)
- United States Information Service. The American Library. Recent additions. Pp. 34. (London: U.S. Information Service, 1954.)
- "Pyrex" Laboratory and Scientific Glassware. Pp. 132. (Sunderland: James A. Jobling and Co., Ltd., 1955.)
- Price List of Standard A.C. Industrial Electric Motors, including details of Motors in Stock. Pp. 12 (List A.1). Outputs and Dimensions—Alternating Current Industrial Electric Motors. Pp. 20 (List B.1). (Manchester and London: Lancashire Dynamo and Crypto, Ltd., 1955.)