

Official Publications Received.

Dacca University Bulletins. No. 4: Eastern Humanism; an Address delivered in the University of Dacca. By Prof. Sylvain Levi. Pp. 9. (Dacca: The University; London: Oxford University Press.) 8 annas; 8d.

The Engineer Directory and Buyers' Guide, 1926. Pp. 260. (London: 35 Norfolk Street, W.C.2.)

Calendario della Basilica Pontificia del Santissimo Rosario in Valle di Pompei per l'anno 1926. Pp. 240. (Valle di Pompei.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 59 (Botanical Section): Hypertrophied Lenticels on the Roots of Cotton Plants. By James Templeton. Pp. 8+6 plates. (Cairo: Government Publications Office.) 5 P.T.

Air Ministry: Meteorological Office, London. Southport Auxiliary Observatory (The Fernley Observatory of the Corporation of Southport). Annual Report, and Results of Meteorological Observations, for the Year 1924; with an Appendix containing particulars of the principal Periodic Terms found in Southport Rainfall by the application of Harmonic Analysis. By Joseph Baxendall. Pp. 28. (Southport: Fernley Observatory; London: Meteorological Office.)

Department of the Interior: Bureau of Education. Bulletin, 1925, No. 21: Health and Physique of School Children. By Dr. James Frederick Rogers. Pp. 16. 10 cents. Bulletin, 1925, No. 23: Statistics of Private High Schools and Academies, 1923-24. Pp. 37. 5 cents. Bulletin, 1925, No. 27: Some recent Movements in City School Systems. By W. S. Deffenbaugh. Pp. 22. 5 cents. Bulletin, 1925, No. 30: Parent-Teacher Associations at Work. By Ellen C. Lombard. Pp. 15. 5 cents. Bulletin, 1925, No. 32: Agricultural Education. By George A. Works. Pp. 11. 5 cents. School Health Studies, No. 10: Progress and Prospect in School Health Work. Pp. iv+54. 5 cents. (Washington, D.C.: Government Printing Office.)

Library of Congress. Report of the Librarian of Congress for the Fiscal Year ending June 30, 1925. Pp. xi+309+4 plates. (Washington, D.C.: Government Printing Office.)

Department of Commerce: U.S. Coast and Geodetic Survey. Serial No. 809: Triangulation in Maryland. By Hugh C. Mitchell. (Special Publication No. 114.) Pp. vi+603+28 plates. (Washington, D.C.: Government Printing Office.) 1 dollar.

Department of the Interior: U.S. Geological Survey. Forty-sixth Annual Report of the Director of the Geological Survey to the Secretary of the Interior for the Fiscal Year ended June 30, 1925. Pp. ii+91. Bulletin 777: Pre-Cambrian Rocks of Gunnison River, Colorado. By J. Fred Hunter. Pp. vi+94+15 plates. Bulletin 778: Chemistry of Deposition of Native Copper from Ascending Solutions. By Roger C. Wells. Pp. ii+71. 15 cents. (Washington, D.C.: Government Printing Office.)

Classified List of Publications of the Carnegie Institution of Washington. Pp. 220. (Washington, D.C.: Carnegie Institution.)

Smithsonian Miscellaneous Collections. Vol. 77, No. 8: The Morphology of Insect Sense Organs and the Sensory Nervous System. By R. E. Snodgrass. (Publication 2831.) Pp. 80. (Washington, D.C.: Smithsonian Institution.)

United States Department of Agriculture. Separate from Yearbook 1924, No. 918: Weather and Agriculture. By A. J. Henry, J. B. Kincer, H. C. Frankenfield and W. R. Gregg, B. B. Smith and E. N. Munnis. Pp. 457-568. (Washington, D.C.: Government Printing Office.) 20 cents.

Seale-Hayne Agricultural College, Newton Abbot, Devon: Department of Plant Pathology. Second Annual Report for the Year ending September 30th, 1925. (Pamphlet No. 19.) Pp. 32. (Newton Abbot.)

Department of the Interior: Bureau of Education. Bulletin, 1925, No. 19: Statistics of Land-Grant Colleges, Year ended June 30, 1923. By Walter J. Greenleaf. Pp. v+61. (Washington, D.C.: Government Printing Office.) 10 cents.

Proceedings of the Lake Superior Mining Institute, Twenty-fourth Annual Meeting (Marquette Range) held at Ishpeming and Sault Ste. Marie, August 13 and 14, 1925. Vol. 24. Pp. xxx+374. (Ishpeming, Mich.)

Transactions of the Geological Society of South Africa. Vol. 28, January to December 1925: Containing the Papers read during 1925. Pp. iv+178+15 plates. (Johannesburg: Geological Society of South Africa; London: Wheldon and Wesley, Ltd.) 42s.

Proceedings of the Geological Society of South Africa. Containing the Minutes of Meetings and the Discussions on Papers read during 1925. To accompany Vol. 28 of the Transactions, January-December 1925. Pp. iii+1. (Johannesburg: Geological Society of South Africa; London: Wheldon and Wesley, Ltd.)

Botanical Survey of South Africa. Memoir No. 8: Researches on the Vegetation of Natal. Series 2, including Accounts of Investigations on (i) The Water Relations of some Natal Plants, with special reference to the Leaves of *Pteroxylon utile* and *Portulacaria afra*; (ii) The Water-retaining Capacity of certain Woods in relation to their Microscopic Structure; (iii) The Water Requirement and Transpiration of a common Natal Weed, *Bidens pilosa* (L.). By Dr. J. W. Bews and Dr. R. D. Aitken. Pp. 65. (Pretoria: Government Printing and Stationery Office.)

Board of Education. Report of the Departmental Committee on the University of London. (Cmd. 2612.) Pp. 76. (London: H.M. Stationery Office.) 1s. 3d. net.

Irish Agricultural Organisation Society, Ltd.: Butter Control Scheme. A Creamery Survey. By James Cullen. Pp. 31. (Dublin: Plunkett House, Merrion Square.) 1s.

Journal of the Marine Biological Association of the United Kingdom. New Series, Vol. 14, No. 1, March. Pp. 238. (Plymouth: Marine Biological Association; London: Dulau and Co., Ltd.) 7s. net.

Transactions and Proceedings of the Perthshire Society of Natural Science. Vol. 8, Part 2, 1924-25. Pp. 17-118+plates 5-17+xvii-xxviii. (Perth.)

The Journal of the Royal Anthropological Institute of Great Britain and Ireland. Vol. 55, July to December 1925. Pp. xii+199-490+20+37+plates 23-40. (London: Royal Anthropological Institute.) 15s. net.

Quarterly Journal of the Royal Meteorological Society. Vol. 52, No. 217, January. Pp. 126. (London: Edward Stanford, Ltd.) 7s. 6d.

Annual Report of the Meteorological Observatory of the Government-General of Työsen for the Year 1922. Pp. v+148. (Zinsien.)

Report of the Rugby School Natural History Society for the Year 1925. Pp. 54. (Rugby.)

Transactions of the Royal Society of Edinburgh. Vol. 54, Part 2, No. 8: Scottish Drumlins. By Prof. J. W. Gregory. Pp. 433-440+1 plate. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 1s. 6d.

Proceedings of the Royal Society of Edinburgh, Session 1925-1926. Vol. 46, Part 1, No. 11: The Intermittence of Electric Force. By Sir J. J. Thomson. Pp. 90-115. 2s. 6d. Vol. 46, Part 1, No. 12: On the Adjustment of Sir J. J. Thomson's Theory of Light to the Classical Electromagnetic Theory. By Prof. E. T. Whittaker. Pp. 116-125. 1s. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.)

Diary of Societies.

SATURDAY, APRIL 3.

SCOTTISH JUNIOR GAS ASSOCIATION (Annual Meeting) (at Royal Technical College, Glasgow), at 7.—Prof. T. Gray: Address.

TUESDAY, APRIL 6.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (Middlesbrough Branch) (at Cleveland Scientific and Technical Institution, Middlesbrough), at 7.30.—W. J. Williams: Technical Education in relation to Industry.

WEDNESDAY, APRIL 7.

INSTITUTION OF AUTOMOBILE ENGINEERS (Derby Graduates' Meeting) (at Cavendish Cafe, Derby), at 7.30.—A. A. Rubbra: Problems of the High-speed Optical Indicator.

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at Chemical Society), at 8.—H. Droop Richmond and J. A. Eggleston: The Analysis of Acetic Anhydride.—E. Droop Richmond and E. H. England: The Analysis of Glacial Acetic Acid.—Dr. J. F. Tocher: (a) Errors of Personal Judgment in Chemical Work; (b) Results of Further Work on Variations in the Composition of Milk.—E. R. Bolton and K. A. Williams: A Test for Tung Oil.

THURSDAY, APRIL 8.

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—S. Mavor: The Applications of Machinery at the Coal Face.—L. Miller: The Design of Storage-Battery Locomotives for use in Coal Mines.—R. Nelson: Electricity in Mines: A Short Survey.

ROYAL AERONAUTICAL SOCIETY (at Royal Society of Arts), at 6.30.—Marchesse De Pinedo: A 35,000 Miles Flight.

INSTITUTION OF STRUCTURAL ENGINEERS, at 7.30.—E. S. Andrews: The Production of Structural Steel Sections.

OIL AND COLOUR CHEMISTS' ASSOCIATION (at 8 St. Martin's Place, W.C.), at 8.—Dr. A. P. Laurie: The Optical Properties of Linseed Oil.

SOCIETY OF DYERS AND COLOURISTS (Bradford Junior Branch).—C. O. Clark: The Proofing of Textiles against Insect Pests by means of Eulan.

FRIDAY, APRIL 9.

ROYAL SANITARY INSTITUTE (in Town Hall, Weston-super-Mare), at 11 A.M.—The Role of Different Agencies in the Improvement of the Milk Supply.—Dr. W. G. Savage: The Bacteriological Laboratory.—W. S. Stevens: The Veterinary Surgeon.—H. R. Day: The Milk Inspector.—J. W. Dallas: The Agricultural Institute.—P. B. Tustin: The Large Scale Distributor and the Consumer.

DIESEL ENGINE USERS' ASSOCIATION (at Caxton Hall), at 3.30.—W. A. Tooke: Industrial Tests on Internal Combustion Engines.

ROYAL ASTRONOMICAL SOCIETY, at 5.—J. M. Reesinck: Note on the Radiation of a Pulsating Star.—S. A. Mitchell and H. L. Alden: The Photometric Scale of the Leander McCormick Observatory.—(The late) E. E. Barnard: Visual Observations of the Brightness of Nova Persei No. 2 (Anderson 1901).—S. A. Mitchell and H. L. Alden: Observations of Nova Persei (1901) made with the 26-inch Refractor of the Leander McCormick Observatory.—Dr. J. K. Fotheringham: Precession, Galactic Rotation, and Equinox Correction.

INSTITUTE OF MARINE ENGINEERS, at 6.30.—Annual Meeting.

SOCIETY OF CHEMICAL INDUSTRY (Manchester Section) (Annual General Meeting) (at St. Mary's Parsonage, Manchester), at 7.—Prof. R. V. Wheeler: The Constitution of Coal.

GEOLOGISTS' ASSOCIATION (at University College), at 7.30.—S. Hazzledine Warren: The Preservation of Fragile Remains.—F. H. Worsfold: An Examination of the Contents of the Brick-Earths of Tankerton Bay, Kent.

JUNIOR INSTITUTION OF ENGINEERS, at 7.30.—F. E. Dimpleby: Modern Methods of Cast Iron Pipe Manufacture.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at Literary and Philosophical Society, Newcastle-upon-Tyne), at 7.30.—W. S. Burn: High Powered Oil Engines.

INSTITUTE OF METALS (Sheffield Section) (at Sheffield University), at 7.30.—R. T. Rolfe: Bronze.

PHILOLOGICAL SOCIETY (at University College), at 8.—English Dialect Society and Dictionary.

SATURDAY, APRIL 10.

MINING INSTITUTE OF SCOTLAND (at Glasgow).

INTERNATIONAL MEETING.

APRIL 16 to 20.

INTERNATIONAL SOCIETY OF MEDICAL HYDROLOGY (Annual Meeting will be held in Czecho-Slovakia). (Particulars from Dr. E. P. Poulton, at 36 Devonshire Place, W.1.)

CONGRESS.

APRIL 2 to 23.

JERUSALEM AND BEIRUT, INTERNATIONAL ARCHAEOLOGICAL CONGRESS.