

Official Publications Received.

BRITISH AND COLONIAL.

- Board of Education. Report of the Consultative Committee on the Education of the Adolescent. Pp. xxiv+339. (London: H.M. Stationery Office.) Paper, 2s. net; cloth, 3s. net.
- 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 1925. By Joseph Baxendell. Pp. 28. (Southport: Fernley Observatory; London: Meteorological Office.)
- Board of Trade. Catalogue of the British Industries Fair, 1927, The White City, Shepherd's Bush, London, W.12, February 21st-March 4th, Organised by the Department of Overseas Trade. Special Overseas Advance edition. Pp. xxxii+304+Ad. 180. (London: Department of Overseas Trade.)
- Ministry of Agriculture and Fisheries. Miscellaneous Publications, No. 56: Clean Milk Competitions in 1924-1925. Pp. 16+1 plate. (London: Ministry of Agriculture and Fisheries.) 4d. net.
- Aberdeen Public Library. Forty-second Annual Report of the Committee for the Year 1925-1926. Pp. 43. (Aberdeen.)
- Journal of the Society for the Preservation of the Fauna of the Empire. New Series, Part 6, December. Pp. 98. (London: H. F. and G. Witherby.)
- Proceedings of the Society for Psychical Research. Part 101, Vol. 36, January. Pp. 393-435. (London: Francis Edwards.) 3s.
- The Physical Society. Proceedings, Vol. 39, Part 1, December 15. Pp. 97. (London: Fleetway Press, Ltd.) 6s. net.
- The Observer's Handbook for 1927. Edited by C. A. Chant. Nineteenth Year of Publication. Pp. 72. (Toronto: Royal Astronomical Society of Canada.)
- Department of Scientific and Industrial Research. Report of the Fuel Research Board for the Year 1925; with Report of the Director of Fuel Research. Pp. vi+79. (London: H.M. Stationery Office.) 1s. 3d. net.
- Report on the Zoological Survey of India for the Years 1923 to 1926. Pp. liii+3 plates. (Calcutta: Government of India Central Publication Branch.) 1.7 rupees; 2s. 6d.
- South Australia: Department of Mines. Mining Review for the Half-year ended June 30th, 1926. (No. 44.) Pp. 63+5 plates. (Adelaide: R. E. B. Rogers.)
- Bird Sanctuaries in Royal Parks in Scotland: Report of the Committee appointed by Viscount Peel to consider the Establishment of Bird Sanctuaries in the Royal Parks in Scotland. Pp. 10. (London: H.M. Stationery Office.) 6d. net.
- The West of Scotland Agricultural College, Glasgow. Calendar for Session 1926-1927. Pp. xv+165. 1s. Annual Report and Appendices, 1925-1926. Pp. 121. (Glasgow.)
- The Journal of the Institution of Electrical Engineers. Vol. 65, No. 361, January. Pp. 97-184+xxviii. (London: E. and F. N. Spon, Ltd.) 10s. 6d.
- Australasian Antarctic Expedition, 1911-14. Scientific Reports, Series C: Zoology and Botany. Vol. 8, Part 3: Echinodermata Echinoidea. By Prof. René Koehler. Pp. 134+plates 91-124. (Sydney, N.S.W.: Alfred James Kent.) 38s.
- Government of the Gold Coast. Report on the Survey Department for the Period April 1925-March 1926. Pp. 27+5 plates. (Accra: Colonial Secretariat; London: The Crown Agents for the Colonies.) 2s.
- Proceedings of the Royal Irish Academy. Vol. 37, Section A, No. 7: Atmospheric Ionisation. By Prof. J. J. Nolan and G. P. de Sacy. Pp. 71-94. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s.
- Professional Schools Post-Graduation Courses: Specialist Studies in the Universities and University Colleges of Great Britain and Ireland, Session 1926-7. Pp. 39. (London: Universities Bureau of the British Empire.)
- Students from other Countries in the Universities and University Colleges of Great Britain and Ireland in October 1926. Pp. 31. (London: Universities Bureau of the British Empire.) 1s.
- The North of Scotland College of Agriculture. Report on the Work of the North of Scotland College for the Year 1925-26. Pp. 31. (Aberdeen.)
- Proceedings of the Royal Society of Victoria. Vol. 39 (New Series), Part 1, November 11th. Pp. iv+52+6 plates. (Melbourne.)

FOREIGN.

- Ministère de l'Instruction Publique et des Beaux-Arts. Enquêtes et documents relatifs à l'enseignement supérieur. 121: Rapports sur les observatoires astronomiques de Province. Année 1925. Pp. 89. (Paris: Imprimerie Nationale.)
- The Danish Ingolf-Expedition. Vol. 5. 10: Medusæ. Part 2: Anthomedusæ. By P. L. Kramp. Pp. 105+2 plates+1 map. (Copenhagen: Bianco Lund.)
- International Geodetic and Geophysical Union (Union Géodésique et Géophysique Internationale): Section of Terrestrial Magnetism and Electricity. Bulletin No. 6: Preliminary Reports on Subjects of Investigation. Pp. 40. (Baltimore, Md.: Johns Hopkins Press.) 50 cents.
- United States Department of Agriculture. Department Bulletin No. 1426: The Clover Root Borer. By L. P. Rockwood. Pp. 48. (Washington, D.C.: Government Printing Office.) 10 cents.
- Proceedings of the American Philosophical Society held at Philadelphia for Promoting Useful Knowledge. Vol. 65, No. 3. Pp. 141-243. (Philadelphia, Pa.)
- Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 72: Contribution to the Knowledge of the Coccidae of Egypt. By W. J. Hall. Pp. iii+41+13 plates. (Cairo: Government Publications Office.) 10 P.T.
- Calendario del Santuario delle opere di beneficenza cristiana di Valle di Pompei, 1927. Pp. 256. (Valle di Pompei.)
- Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 78. Gab's California Fossil Type Gastropods. By Ralph B. Stewart. Pp. 287-447+plates 20-32. (Philadelphia, Pa.)

Proceedings of the United States National Museum. Vol. 69, Art. 6: A new Sea Star of the Genus *Evasterias*. By W. K. Fisher. (No. 2632.) Pp. 5+2 plates. Vol. 69, Art. 20: Additional new Mollusks from Santa Elena Bay, Ecuador. By Paul Bartsch. (No. 2646.) Pp. 20+3 plates. Vol. 70, Art. 1: American Wasps of the Genus *Sceliphron* Klug. By Bennet A. Porter. (No. 2650.) Pp. 22+4 plates. Vol. 70, Art. 4: New Urocoptid Land Shells from Mexico. By Paul Bartsch. (No. 2653.) Pp. 13+1 plate. Vol. 70, Art. 10: On a Collection of Copepoda from Florida, with a Description of *Diaptomus Floridanus*, New Species. By C. Dwight Marsh. (No. 2659.) Pp. 4. (Washington, D.C.: Government Printing Office.)

Fish and Game Commission of California. Fish Bulletin No. 11: The California Sardine. By the Staff of the California State Fisheries Laboratory. (Contributions Nos. 52-56 from the California State Fisheries Laboratory.) Pp. 222. (Terminal, Calif.: State Fisheries Laboratory.)

Annuaire astronomique et météorologique Camille Flammarion pour 1927: exposant l'ensemble de tous les phénomènes célestes observables pendant l'année, avec revue astronomique et météorologique, notices scientifiques, tableaux et documents. 63^e année. Pp. 330. (Paris: Ernest Flammarion.) 12 francs.

Denkchriften der Schweizerischen Naturforschenden Gesellschaft, Band 63: Mémoires de la Société Helvétique des Sciences naturelles, Vol. 63. Pp. iv+349. (Zürich.)

Department of Commerce: Bureau of Standards. Technologic Papers of the Bureau of Standards, No. 328: Tests of Large Columns with H-shaped Sections. By L. B. Tuckerman and A. H. Stang. Pp. 88+6 plates. 40 cents. Technologic Papers of the Bureau of Standards, No. 333: Transmission of Sound through Voice Tubes. By E. A. Eckhardt, V. L. Chrisler, P. P. Quayle and M. J. Evans; with a Note on the Absorption of Sound in Rigid Pipes, by Edgar Buckingham. Pp. 163-193+1 plate. 15 cents. (Washington, D.C.: Government Printing Office.)

United States Department of Agriculture. Department Bulletin No. 1423: Progress of Reindeer Grazing Investigations in Alaska. By Lawrence J. Palmer. Pp. 87+18 plates. 15 cents. Farmers' Bulletin No. 1503: The Horse Bots and their Control. By F. C. Bishopp and W. E. Dove. Pp. ii+14. 5 cents. (Washington, D.C.: Government Printing Office.)

CATALOGUES.

The 'Scholes' Bomb for Solid and Liquid Fuel Calorimetry. Pp. 16. (Manchester and London: G. Cussons, Ltd.)

A Catalogue of Books published by the Syndics of the Cambridge University Press. Pp. xv+272. (London: Cambridge University Press.)

Diary of Societies.

SATURDAY, FEBRUARY 5.

ROYAL SOCIETY OF MEDICINE (Oology Section), at 10.30 A.M.—Dr. C. P. Symonds: Cerebral Abscess; Some Points in Diagnosis and Localisation.—Dr. Farquhar Buzzard: The Treatment of Traumatic Facial Paralysis.

ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—W. de la Mare: Craftsmanship in Verse.

INSTITUTION OF AUTOMOBILE ENGINEERS (Western Centre) (at Law Courts, Cardiff), at 6.30.—J. Younger: Maintenance in the United States.

MONDAY, FEBRUARY 7.

BIOCHEMICAL SOCIETY (at Lister Institute), at 3.30.—Exhibits and Demonstrations:—W. T. J. Morgan: Apparatus for Pregl's Methods of Micro-analysis.—T. Lumsden and A. C. Kohn-Speyer: Simplified Method of Tissue Culture.—F. M. Burnet: Bacteriophage Phenomena.—M. Rhodes: National Collection of Type Cultures. Strains employed in Industry.—N. S. Lucas: Apparatus for determining the Coefficient of Absorption of Ultra-violet Rays for Skin.—At 5.—Papers:—C. Dorée and E. C. Barton-Wright: A New Type of Alkali Lignin.—F. Dickens, E. C. Dodds, W. Lawson, and N. F. MacLagan: Observations on the Purification and Properties of Insulin.—P. Eggleston and M. G. Eggleston: The Significance of Phosphoric Acid in Muscular Contraction.—I. S. MacLean and C. G. Daubney: The Lipins of Yeast.—W. T. J. Morgan: Methylated Derivatives of Hexosephosphoric Acids.—Prof. A. Harden: Meyerhof's Theory of Alcoholic Fermentation.—Prof. L. F. Hewitt: Proteins of the Cerebrospinal Fluid.—M. H. Roscoe: Nitrogen Metabolism Technique for Use with Small Animals.—H. W. Southgate: An Efficient Gas Scrubber.—O. Rosenheim and T. A. Webster: On the Nature of Provitamin D.—J. R. Marrack: The Effect of the Reaction on the Osmotic Pressure of Serum Proteins.

VICTORIA INSTITUTE (at Central Buildings, Westminster), at 4.30.—Rev. Dr. G. A. F. Knight: The Identification of the Pharaohs of the Pentateuch.

ROYAL INSTITUTION OF GREAT BRITAIN, at 5.—General Meeting. SOCIETY OF ENGINEERS (at Geological Society), at 5.30.—D. C. Fidler: Presidential Address.

INSTITUTION OF AUTOMOBILE ENGINEERS (Bristol Centre) (at Merchant Venturers' Technical College, Bristol), at 6.45.—A. H. R. Fedden: The Supercharging of Aircraft and Motor Vehicle Engines.

INSTITUTION OF ELECTRICAL ENGINEERS (Informal Meeting), at 7.—R. Grierson and others: Discussion on Some Interesting Features in Modern Installation Work.

SOCIETY OF CHEMICAL INDUSTRY (London Section) (at Chemical Society), at 8.—Dr. T. Slater Price: Photographic Sensitivity.

INSTITUTION OF THE RUBBER INDUSTRY (London and District Section) (at Engineers' Club, Coventry Street), at 8.—H. Turner: Set in Vulcanised Rubber.—H. Standing: Rubber Toys.

ROYAL GEOGRAPHICAL SOCIETY (at Aeolian Hall), at 8.30.—J. H. Driberg: The Didinga Mountains.

MEDICAL SOCIETY OF LONDON, at 8.30.—Dr. F. Walshe, Dr. M. Gordon, and Sir Thomas Horder: Discussion on Poliomyelitis.