

## Official Publications Received.

## BRITISH.

Scientific Reports of the Agricultural Research Institute, Pusa (including the Reports of the Imperial Dairy Expert, Physiological Chemist; Government Sugarcane Expert, and Secretary, Sugar Bureau), 1925-26. Pp. vi+212. (Calcutta: Government of India Central Publication Branch.) 2s. 8p.; 4s. 6d.

Agricultural Research Institute, Pusa. Bulletin No. 165: List of Publications on Indian Entomology, 1925. (Compiled by the Imperial Entomologist and the Offg. Imperial Entomologist.) Pp. ii+62+x. (Calcutta: Government of India Central Publication Branch.) 12 annas; 1s. 3d.

Bath Royal Literary and Scientific Institution. Address delivered on July 10th, 1926, by Dr. F. A. Bather on William Smith, 'The Father of English Geology.' Pp. 14+4 plates. (Bath.) 6d.

National Institute of Industrial Psychology. Institute Report No. 1: Occupation Analysis; the Study of Aptitudes and Attainments necessary for Success in different Kinds of Employment. Pp. iv+36. (London.) 2s.

## FOREIGN.

Department of the Interior: Bureau of Education. Bulletin, 1926, No. 6: Personnel and Organization of Schools in the small Cities (2,500 to 10,000 Population, 1924-25). By Prof. Harry S. Ganders. Pp. iv+36. 10 cents. Bulletin, 1926, No. 16: A Handbook of Educational Associations and Foundations in the United States. Pp. iii+82. 15 cents. Bulletin, 1926, No. 17: Record of Current Educational Publications; comprising Publications received by the Bureau of Education to July 1, 1926. Pp. 41. 10 cents. Bulletin, 1926, No. 20: Higher Education; Biennial Survey, 1922-1924. By Arthur J. Klein. Pp. ii+29. 5 cents. (Washington, D.C.: Government Printing Office.)

Department of Commerce: Bureau of Standards. Scientific Papers of the Bureau of Standards, No. 538: Spectral Energy Distribution of the Light emitted by Plants and Animals. By W. W. Coblentz and C. W. Hughes. Pp. 521-534+2 plates. (Washington, D.C.: Government Printing Office.) 10 cents.

University of California Publications in American Archaeology and Ethnology. Vol. 23, No. 3: The Emeryville Shellmound; Final Report. By W. Egbert Schenck. Pp. 147-282+plates 35-54. (Berkeley, Cal.: University of California Press; London: Cambridge University Press.) 1 dollar.

Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Verhandelingen No. 18: Typen van den Regenval in Nederlandsch-Indië (Rainfall Types in the Netherlands Indies). Door (By) Dr. J. Boerema. Pp. iii+103+2 maps. (Weitevreeden.)

Publikationer fra det Danske Meteorologiske Institut. Meddelelser Nr. 6: Om Isforholdene i Danske Farvande Aarene 1861-1906. (Fortsettelse af Meddelelse Nr. 2). Av. C. I. H. Speersneider. Pp. 83. (København: G. E. C. Gad.)

Societe des Nations: League of Nations. Bulletins of the International Institute of Intellectual Co-operation. Bulletins of the International Institute of Intellectual Co-operation. Bulletin des relations scientifiques: Bulletin for Scientific Relations. 2<sup>me</sup> année. No. 1, Février. Pp. 197-228. (Paris: Les Presses universitaires de France.) 8 francs.

United States Department of Agriculture. Department Circular 395: The Oriental Peach Moth. By Alvah Peterson and G. J. Haussler. Pp. 28. (Washington, D.C.: Government Printing Office.) 10 cents.

Proceedings of the United States National Museum. Vol. 70, Art. 8: Some Braconid and Chalcid Flies from Formosa, Parasitic on Aphids. By A. B. Gahan. (No. 2657.) Pp. 7. (Washington, D.C.: Government Printing Office.)

## CATALOGUES.

Eastman Organic Chemicals. List No. 16, January. Pp. 78. (Rochester, N.Y.: Eastman Kodak Co.)

Artificial Sunlight. Bulletin No. 80, Supplementing Catalogue, Part 3, Section 5. Pp. 46. (London: Watson and Sons (Electro-Medical), Ltd.)

Bulletin of Development covering the Twelve Months ending June thirtieth, 1926. Pp. 31. (London: Adam Hilger, Ltd.)

Century Motors, Single Phase and Polyphase. (List No. A30.) Pp. 24. (London: Swedish General Electric, Ltd.)

International Press Exhibition, Cologne, May-October 1928. Pp. 24. (Cologne.)

Catalogue of Important Works on Gardening and Botany. (No. 148.) Pp. 40. (London: Dulau and Co., Ltd.)

Catalogue de livres anciens et modernes rares ou curieux relatifs à l'Amérique et les régions polaires. Pp. 48. (Paris: Librairie Adrienne-Maisonneuve.)

Wild-Barfield Small Electric Furnaces for Works and Laboratories, and for all Purposes requiring the Accurate Maintenance of High Temperatures. Section H. Pp. 16 (London: Automatic and Electric Furnaces, Ltd.)

## Diary of Societies.

## SATURDAY, MARCH 5.

ROYAL SOCIETY OF MEDICINE (Otolaryngology Section), at 10.30 A.M.  
GEOLOGISTS' ASSOCIATION (in Department of Zoology, University College), at 2.30.—Prof. D. M. S. Watson: Demonstration of Some Early Fossil Vertebrates.

ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Dr. J. B. McEwen: Beethoven (2).

INSTITUTE OF BRITISH FOUNDRYMEN (Lancashire Branch) (at Rochdale), at 6.30.—W. H. Poole: The Foundry Cupola.

INSTITUTE OF BRITISH FOUNDRYMEN (Birmingham, Coventry, and West Midlands Branch) (at Engineers' Club, Birmingham), at 6.30.—F. J. Cook: Some Experiences in the Production of Malleable Castings.

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HULL ASSOCIATION OF ENGINEERS (at Technical College, Hull), at 7.15.—E. Hall: Civil Engineering Experiences in South America.

## MONDAY, MARCH 7.

VICTORIA INSTITUTE (at Central Buildings, Westminster), at 4.30.—Prof. T. G. Pinches: The Completed Legend of Bel-Merodach and the Dragon.

ROYAL INSTITUTION OF GREAT BRITAIN, at 5.—General Meeting.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Sir Arthur Keith: The Peoples of the East: Past and Present (3). An Account of the Earliest Sumerians so far Discovered, the Description being based on a Study of Human Remains found at and near Ur of the Chaldees by the Joint Expedition of the British Museum and of the Museum of the University of Pennsylvania under the leadership of Mr. C. Leonard Woolley.

SOCIETY OF ENGINEERS (at Geological Society), at 5.30.—M. E. Gerard: The Raising of a 1250 ton Coal Bunker after a 7-ft. Subsidence.

INSTITUTION OF AUTOMOBILE ENGINEERS (Bristol Centre) (at Merchant Venturers' Technical College, Bristol), at 6.45.—H. R. Ricardo: Some Notes on Petrol-Engine Development.

INSTITUTION OF ELECTRICAL ENGINEERS (Informal Meeting), at 7.—Capt. P. P. Eckersley and others: Discussion.  
GLASGOW UNIVERSITY ALCHEMISTS' CLUB (Annual General Business Meeting), at 7.30.

ARISTOTELIAN SOCIETY (at University of London Club), at 8.—J. MacMurray: The Place of Experiment in Knowledge.

SOCIETY OF CHEMICAL INDUSTRY (London Section) (at Chemical Society), at 8.—Prof. W. E. S. Turner: Recent Progress in the Glass Industry.

BRITISH PSYCHOLOGICAL SOCIETY (Education Section, jointly with General Society) (at Royal Anthropological Institute), at 8.—Prof. J. Piaget: La première année de l'enfant.

INSTITUTION OF THE RUBBER INDUSTRY (London and District Section) (at Engineers' Club, Coventry Street, W.1), at 8.—P. Dunsheath: Some Electrical Properties of Rubber.

SURVEYORS' INSTITUTION, at 8.—Discussion on Leasehold Hon.

ROYAL GEOGRAPHICAL SOCIETY (at Eolian Hall), at 8.30.—Rt. Hon. W. Ormsby-Gore: Some Nigerian Contrasts.

INSTITUTE OF CHEMISTRY (Manchester and District Section) (at Manchester).—Prof. E. C. C. Baly: Plant Chemistry.

## TUESDAY, MARCH 8.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Dr. W. F. Dearden: Health Hazards in the Cotton Industry (Milroy Lectures) (3).

ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Prof. J. S. Huxley: Problems of Animal Growth and Development (6).

INSTITUTION OF PETROLEUM TECHNOLOGISTS (at Royal Society of Arts), at 5.30.—Dr. A. Wade: Two Shallow Oilfields in Texas.

ZOOLOGICAL SOCIETY OF LONDON, at 5.30.—Prof. E. B. Poulton: Gynandromorphism in Butterflies following Shock to the Pupae.—Dr. H. H. Scott: Report on the Deaths occurring in the Society's Gardens during the Year 1926.—Prof. D. M. S. Watson: The Reproduction of the Cocolatan Fish *Undina*.—Dr. R. Broom: (a) On a New Type of Mammal-like Reptile from the South African Karoo Beds; (b) Some Further Points on the Structure of the Mammalian Basicranial Axes.—Dr. N. S. Lucas, E. M. Hume, and H. H. Smith: On the Breeding of the Common Marmoset (*Leontideus jacchus* Linn.) in Captivity when irradiated with Ultra-Violet Rays.

INSTITUTION OF CIVIL ENGINEERS, at 6.—A. W. Stonebridge: The Tansa Completion Works for the Water Supply of Bombay.

INSTITUTION OF AERONAUTICAL ENGINEERS (at Junior Institution of Engineers), at 6.30.—Major H. N. Wylie: Portable Hangars.

INSTITUTE OF MARINE ENGINEERS, at 6.30.—W. F. Rabbidge: The M.A.N. Internal Combustion Engine and other Types.

INSTITUTION OF ELECTRICAL ENGINEERS (Informal Meeting), at 7.—Capt. P. P. Eckersley and others: Discussion on Wireless as a Factor in World Communication.

INSTITUTION OF ELECTRICAL ENGINEERS (North Midland Centre) (at Hotel Metropole, Leeds), at 7.—Dr. W. H. Eccles: Address.

INSTITUTION OF ELECTRICAL ENGINEERS (North-Western Centre) (at Engineers' Club, Manchester), at 7.—J. W. T. Walsh: Illuminating Engineering.—H. T. Harrison: The Problems of Public Lighting by Electricity.

INSTITUTION OF ELECTRICAL ENGINEERS (Scottish Centre) (at North British Station Hotel, Edinburgh), at 7.—L. C. Grant: High-Power Fusible Cut-outs.

ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—Annual General Meeting.

SOCIETY OF CHEMICAL INDUSTRY (Birmingham and Midland Section) (Annual Meeting) (at Birmingham University), at 7.30.—H. W. Rowell: The Commercial Synthetic Resins and their Product (Lecture).

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at Middlesbrough), at 7.30.—G. B. Butler: From Ironstone to Finished Product.

QUEKETT MICROSCOPICAL CLUB, at 7.30.—S. R. Wycherley: A Fortnight in Sark with a Microscope.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, at 8.—J. E. Barnard: The Microscope and its Use in Research (Lecture).

ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.30.—R. Firth: The Exchange of Gifts in Primitive Societies.

INSTITUTE OF BREWING (London Section) (at Engineers' Club, Coventry Street, W.1).

## WEDNESDAY, MARCH 9.

INSTITUTE OF METALS (Annual General Meeting) (at Institution of Mechanical Engineers), at 10 A.M.—Presidential Address.—Prof. D. Hanson and Grace W. Ford: Investigation of the Effects of Impurities on Copper. Part V. The Effect of Bismuth on Copper.—Prof. D. Hanson and C. B. Marryat: Investigation of the Effects of Impurities on Copper. Part III. The Effect of Arsenic on Copper. Part IV. The Effect of Arsenic plus Oxygen on Copper.—C. Blazey: Brittleness in Arsenical Copper.—At 2.—D. F. Campbell: Electric Furnaces in Non-Ferrous Metallurgy, and a General Discussion on Electric Furnaces in Non-Ferrous Metallurgy.