

Forthcoming Events

Thursday, June 25

ROYAL SOCIETY, at 4.30.—Prof. F. S. Kipping, F.R.S.:
"Organic Derivatives of Silicon" (Bakerian Lecture).

ASSOCIATION OF TECHNICAL INSTITUTIONS, June 26–27.—
Annual Summer Meeting to be held at Bath.

Official Publications Received

Great Britain and Ireland

Stonyhurst College Observatory. Results of Geophysical and Solar Observations, 1935; with Report and Notes of the Director, Rev. J. P. Rowland. Pp. xx+46. (Blackburn: Stonyhurst College Observatory.) [195]

Conference of Empire Survey Officers, 1935. Report of Proceedings. (Colonial No. 111.) Pp. vi+377+36 plates. (London: H.M. Stationery Office.) 20s. net. [195]

Department of Scientific and Industrial Research. Forest Products Research Records, No. 9 (Wood Preservation Series, No. 2): Methods of Applying Wood Preservatives. Part 1: Non Pressure Methods. By J. Bryan. Pp. 17. (London: H.M. Stationery Office.) 6d. net. [195]

Technical Publications of the International Tin Research and Development Council. Series A, No. 36: Factors Influencing the Rate of Attack of Mild Steels by Typical Weak Acid Media. By Dr. T. P. Hoar and D. Havenhand. Pp. ii+27. Free. Series A, No. 37: Methods of Detinning Tinplate for Examination of the Thickness and Continuity of the Alloy Layer. By A. W. Hotherhall and W. N. Bradshaw. Pp. ii+10. Free. Series A, No. 38: A Study of the Origin of Porosity in the Tin Coating of Tinplate. By A. W. Hotherhall and J. C. Prytherch. Pp. ii+15. Free. (London: International Tin Research and Development Council.) [205]

Rubber Latex. By Dr. Henry P. Stevens and W. H. Stevens. Fourth edition. Pp. 224+11 plates. (London: Rubber Growers' Association.) [215]

Empire Cotton Growing Corporation. Report of the Administrative Council of the Corporation submitted to the Fifteenth Annual General Meeting on May 20th, 1936. Pp. ii+65. (London: Empire Cotton Growing Corporation.) [215]

Annual Report of the Zoological Society of Scotland for the Year ending 31st March 1936. Pp. 62+8 plates. (Edinburgh: Zoological Society of Scotland.) [215]

Royal Observatory, Edinburgh. Forty-sixth Annual Report of the Astronomer Royal for Scotland, 1935. Pp. 8. (Edinburgh and London: H.M. Stationery Office.) 2d. net. [215]

British Trust for Ornithology. Second Report, Spring 1936. Pp. 24. (London: British Trust for Ornithology.) [225]

Ministry of Health. Costing Returns: Year ending 31st March 1935. Part 2: Poor Law Institutions; Separate Casual Wards. Pp. 27. (London: H.M. Stationery Office.) 1s. 3d. net. [225]

Board of Education. Report of the Advisory Council of the Science Museum for the Year 1935. Pp. 63+2 plates. (London: H.M. Stationery Office.) 1s. net. [225]

The University of Leeds: Department of Leather Industries. Report of the Advisory Committee on the Work of the Department during the Sessions 1928–29 to 1934–35. Pp. 11. (Leeds: The University.) [255]

The British Science Guild. Gabrielle Howard Memorial Lecture: Telegraphs and Telephones. By Prof. W. L. Bragg. Pp. iv+48+3 plates. (London: British Science Guild.) [265]

The Scientific Journal of the Royal College of Science. Vol. 6: containing Papers read during the Session 1935–1936 before the Imperial College Chemical Society, the Royal College of Science Natural History Society, the Royal College of Science Mathematical and Physical Society. Pp. 136. (London: Edward Arnold and Co.) 7s. 6d. [265]

Rubber Growers' Association. Rubber and Agriculture Series, Bulletin No. 1: Pneumatic Equipment for Farm Tractors. By Alexander Hay. Pp. 18. (London: Rubber Growers' Association.) Free. [275]

Department of Scientific and Industrial Research. Summary of Progress of the Geological Survey of Great Britain and the Museum of Practical Geology for the Year 1934. Part 2. Pp. iv+65+4 plates. (London: H.M. Stationery Office.) 1s. 6d. net. [275]

Other Countries

Iwata Institute of Plant Biochemistry. Publication No. 2: Katalytische Wirkungen der Metallkomplexverbindungen. Von Prof. Keita Shibata und Prof. Yuiji Shibata. Pp. xiv+219. (Tokyo: Maruzen Co., Ltd.) 2.50 dollars. [155]

Canada: Department of Mines: Mines Branch. Analyses of Canadian Crude Oils, Naphthas, Shale Oil and Bitumen. By P. V. Rosewarne, H. McD. Chantler and A. A. Swinerton. (No. 765.) Pp. vi+21. (Ottawa: King's Printer.) 10 cents. [185]

Norske Videnskaps-Akademi i Oslo. Geofysiske Publikasjoner, Vol. 14, No. 1: Mittel und Extreme der Lufttemperatur. Von B. J. Birkeland. Pp. 155. (Oslo: Grøndahl and Søns Boktrykkeri.) 15.00 kr. [185]

Industrial Development in South Africa and Facilities for the Establishment of Factories. (Published by the Department of Commerce and Industries.) Pp. xvi+235. (Pretoria: Government Printer.) 1s. [195]

Organon: International Review. Vol. 1. Pp. vii+304. (Warsaw: Mianowski Institute for the Promotion of Science and Letters.) [185]

Observatoire de Paris: Section d'Astrophysique à Meudon. Cartes synoptiques de la chromosphère solaire et catalogue des filaments de la couche supérieure. Par L. D'Azambuja. Vol. 1, Fasc. 4, Année 1934. Pp. 32. (Meudon: Observatoire de Paris.) [215]

Royal Agricultural Society, Egypt. Bulletin No. 24 of Technical Section and No. 2 of Royal Agricultural Society and Imperial Chemical Industries, Ltd. Joint Agricultural Research Scheme: Experiments in Egypt on the Interaction of Factors in Crop Growth. 2a: Residual Effects of Nitrogenous Manuring and Spacing of the Cotton Crop on the Following Wheat Crop; 2b: Inter-relation of Nitrogenous Manuring, Variety and Spacing for the Wheat Crop. By Dr. Frank Crowther. Pp. 35. (Cairo: Royal Agricultural Society.) [215]

State of Connecticut. Public Document No. 24: Fifty-eighth Report of the Connecticut Agricultural Experiment Station, New Haven, for the Year 1934. Pp. xii+713. (New Haven, Conn.: Connecticut Agricultural Experiment Station.) [225]

Bulletin of the American Museum of Natural History. Vol. 71: The American Land and Fresh-Water Isopod Crustacea. By Willard G. Van Name. Pp. vii+535. (New York: American Museum of Natural History.) [225]

Conseil International des Unions scientifiques. Quatrième rapport de la Commission pour l'étude des relations entre les phénomènes solaires et terrestres. Pp. 159. (Firenze: Conseil International des Unions scientifiques.) [225]

Smithsonian Miscellaneous Collections. Vol. 95, No. 5: Molluscan Intermediate Hosts of the Asiatic Blood Fluke, *Schistosoma japonicum*, and Species confused with Them. By Paul Bartsch. (Publication 3384.) Pp. ii+60+8 plates. (Washington, D.C.: Smithsonian Institution.) [255]

U.S. Department of the Interior: Office of Education. Bulletin, 1935, No. 15: Reorganization of School Units; a Report of the Proceedings of a Conference called by the Commissioner of Education, Washington, D.C., June 17, 18 and 19, 1935. Edited and compiled by Katherine M. Cook. Pp. iii+91. 10 cents. Bulletin, 1936, No. 18-II: Youth—Leisure for Living. By Katherine Glover. Pp. vii+126. 15 cents. (Washington, D.C.: Government Printing Office.) [255]

Canada: Department of Mines: Mines Branch. Petroleum Fuels in Canada; Deliveries for Consumption, Calendar Year 1934. Prepared by John M. Casey. (No. 772.) Pp. ii+20. (Ottawa: King's Printer.) 10 cents. [255]

Indian Forest Records (New Series). Vol. 1, No. 2: A Study of the Soils in the Hill Areas of the Kulu Forest Division, Punjab. Part 1: An Investigation of Soil-Profiles under Deodar, Spruce, Blue Pine and Chir. By E. McKenzie Taylor, I. D. Mahendru, M. L. Mehta and R. C. Hoon. Pp. 289–346+3 plates. (Delhi: Manager of Publications.) 2.2 rupees; 4s. [255]

Stanford University Publications: University Series. Biological Sciences, Vol. 2, No. 8: Contributions toward a Monograph of the Sucking Lice, Part 8. By Prof. Gordon Floyd Ferris. Pp. 108+3 plates. 1 dollar. Contributions from the Dudley Herbarium of Stanford University. Vol. 1, No. 6: A Report on several Species of *Lycium* from the Southwestern Deserts. By Ira L. Wiggins. Pp. 195–206+2 plates. (Stanford University, Calif.: Stanford University Press; London: Oxford University Press.) [255]

Union of South Africa: Department of Agriculture and Forestry. Bulletin No. 155 (Chemistry Series No. 142): The Rising of Fat in Milk in the Course of Delivery. By Dr. L. Denis-Lester. Pp. 6. Bulletin No. 157 (Chemical Series No. 144): Influence of Period of Lactation on the Freezing Point of South African Milk. By Dr. L. Denis-Lester. Pp. 8. (Pretoria: Government Printer.) [255]

Union of South Africa: Department of Mines: Geological Survey. The Geology of Ventersdorp and adjoining Country: an Explanation of Sheet 53 (Ventersdorp). By Dr. Louis T. Nel, H. F. Frommzurze, J. Willems and Dr. S. H. Haughton; with a Chapter on the Diamondiferous Alluvials, by Dr. A. L. du Toit. Pp. 102. (Pretoria: Government Printer.) 5s., including map. [265]

Proceedings of the United States National Museum. Vol. 83, No. 2983: Notes on the Butterflies of the Genus *Enodia* and Description of a New Fritillary from Peru. By Austin H. Clark. Pp. 251–259. (Washington, D.C.: Government Printing Office.) [275]

U.S. Department of Agriculture. Technical Bulletin No. 498: The Flour Beetles of the Genus *Tribolium*. By Newell E. Good. Pp. 58. (Washington, D.C.: Government Printing Office.) 10 cents. [275]

Smithsonian Miscellaneous Collections. Vol. 95, No. 6: New Species of American Edrioasteroidea. By R. S. Bassler. (Publication 3385.) Pp. 33+7 plates. Vol. 95, No. 7: The Gold-Banded Skipper (*Rhabdoidea cellus*). By Austin H. Clark. (Publication 3386.) Pp. 50+8 plates. (Washington, D.C.: Smithsonian Institution.) [275]

Catalogues

Books and Manuscripts on Genealogy, Heraldry, Archaeology, Architecture, Armour, Brasses, Cathedrals, Charters, Domesday, Maps, Medieval History, Numismatics, Place-Names, Records, Stained Glass, Views, etc., embracing the Genealogical and Heraldic Portion of the Library of the late W. Bruce Bannerman. (No. 201.) Pp. 36. (Leicester: Bernard Halliday.)

A Supplement of Scientific Books. No. 1. Pp. 24. (Cambridge: W. Heffer and Sons, Ltd.)

Dr. Ashworth's Ultra-Violet Ray Meter. Pp. 2. (London: Negretti and Zambra.)

The New Hilger Wavelength Spectrometer; with a Complete Range of Co-ordinated Accessories forming Spectrometers, Spectrographs, Monochromators and Spectrophotometers for the Visible, Ultra-Violet and Infra-Red. (Publication No. 241.) Pp. 54. (London: Adam Hilger, Ltd.)

The Educational Focus. Vol. 7, No. 2, June 1936. Pp. 24. Bausch and Lomb Magazine. Vol. 12, No. 2, May 1936. Pp. 24. (Rochester, N.Y.: Bausch and Lomb Optical Co.)

Watson's Microscope Record. No. 38, May 1936. Pp. 24. (London: W. Watson and Sons, Ltd.)

Zeiss Nachrichten. Heft 10, Januar 1936. Pp. 48. (Jena and London: Carl Zeiss.)