

## Official Publications Received.

- Nyasaland Protectorate. Annual Report of the Geological Survey Department for the Year 1924. Pp. ii+8. (Zomba.)
- Board of Education. Report for the Year 1924 on the Science Museum. Pp. 20. (London: H.M. Stationery Office.) 9d. net.
- Board of Education. Report of an Enquiry into the Conditions affecting the Teaching of Science in Secondary Schools for Boys in England. Pp. 28. (London: H.M. Stationery Office.) 9d. net.
- Rapport annuel sur l'état de l'Observatoire de Paris pour l'année 1924 présenté au Conseil dans sa séance du 27 février 1925. Par B. Baillaud. Pp. 23. (Paris.)
- Department of the Interior: Bureau of Education. Bulletin, 1924, No. 37: Land-Grant College Education, 1910 to 1920. Part 2: The Liberal Arts and Sciences, including Miscellaneous Subjects and Activities. Edited by Walton C. John. Pp. v+108+4 plates. (Washington: Government Printing Office.) 25 cents.
- The British Mycological Society. Transactions, Vol. 10, Part 3. Edited by Carleton Rea and J. Ramsbottom. Pp. 129-232. (London: Cambridge University Press.) 7s. 6d. net.
- Forest Research Institute, Dehra Dun (U.P.), India: Economic Branch. Tests of Indian Timbers in Structural Sizes: Scheme of Operation No. 1 for Project No. 2. By L. N. Seaman. Pp. iii+16+5 plates. (Calcutta: Government of India Central Publication Branch.) 8 annas; 10d.
- Seale-Hayne Agricultural College, Newton Abbot, Devon: Department of Plant Pathology. First Annual Report for the Year ending September 30th, 1924. (Pamphlet No. 16.) Pp. 31. (Newton Abbot.)
- Instituts scientifiques de Buitenzorg. "s Lands Plantentuin." Treubia; Recueil de travaux zoologiques, hydrobiologiques et océanographiques. Vol. 7, Livraison 1, février. Pp. 84+3 Tafeln. (Buitenzorg.) 2.50 f.
- Memoirs of the Indian Meteorological Department. Vol. 24, Part 9: Correlation in Seasonal Variations of Weather, IX. A further Study of World-Weather. By Sir Gilbert T. Walker. Pp. 275-332. 2.12 rupees; 4s. 9d. Vol. 24, Part 10: Correlation in Seasonal Variations of Weather, X. Applications to Seasonal Forecasting in India. By Sir Gilbert T. Walker. Pp. 333-345. 8 annas; 9d. (Calcutta: Government of India Central Publication Branch.)
- Journal of the College of Agriculture, Hokkaido Imperial University, Sapporo, Japan. Vol. 14, Part 1: (1) On the Chemical Constituents of Malt-rootlets with special reference to Hordenine; (2) On the Hemicellulose of *Allium Cepa*, L. By Yoshitaka Hashitani. Pp. 63. Vol. 14, Part 2: Über die Kultur von *Aspergillus niger* mit besonderer Rücksicht auf das Puffervermögen der Nährlösung. Von Prof. Tetsu Sakamura. Pp. 65-128. (Sapporo.)

## Diary of Societies.

## SATURDAY, JUNE 6.

- ROYAL SOCIETY OF MEDICINE (Otolaryngology Section), at 10.30 A.M.—General Discussions: Methods of Drainage of Brain-abscesses.—Artificial Aids to Hearing.
- INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (Southern District) (at Town Hall, Reading), at 11 A.M.—Discussion on Tests on the Air-Ejector Sewage System at Gosport.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Rev. Dr. E. M. Walker: Democracy in the Ancient World (III.).
- SOUTH-EASTERN UNION OF SCIENTIFIC SOCIETIES (Annual Congress) (at Folkstone). (See June 3 for programme.)

## MONDAY, JUNE 8.

- FARADAY SOCIETY (jointly with Iron and Steel Institute) (at Institution of Civil Engineers), at 3.30.—The Physical Chemistry of Steel Making Processes.—Sir Robert Hadfield, Bart.: Introductory Address.—A. McCance: Balance Reactions in Steel Manufacture.—J. B. Ferguson: Equilibria in Systems involving Ferrous Oxide.—P. MacNair: Slag Reactions.—T. P. Colough: A Study of the Reactions of the Basic Open Hearth Furnace.—J. H. Whiteley: The Function of Ferric Oxide in the Acid and Basic Open Hearth Processes.—F. T. Sisco: The Chemical Reactions in Basic Electric Process.—W. J. Rees: The Micro-examination of Steel Making Refractories.—A. L. Field: Physico-Chemical Phenomena from Melt to Ingot.
- ROYAL IRISH ACADEMY, at 4.15.
- ROYAL SOCIETY OF EDINBURGH, at 4.30.—Principal Sir Alfred Ewing: A Ball and Tube Flowmeter (with experiments).—Général G. Ferrié: L'Entretien des pendules au moyen de cellules photoélectriques.—Prof. W. Peddie: A Colour Vision Spectrometer.—J. Forrest: Magnetic Quality in Crystals; Discrimination of, and Stability in Molecular Lattices.—W. L. Ferrar: On the Cardinal Function of Interpolation Theory.—Dr. D. A. Fairweather: The Electrolysis of  $\alpha$ -Duo-tri-carbontane Dicarboxylic Acid.
- BIOCHEMICAL SOCIETY (at St. Thomas's Hospital), at 5.—J. Patterson: The Carbohydrate Content of Normal Urine.—H. P. Marks: Some Observations on the Testing of Insulin.—Prof. R. H. A. Plimmer and J. L. Rosedale: (a) Study of Van Slyke's Method of Analysis of Proteins; (b) Experiments on Nutrition.—Prof. R. H. A. Plimmer: The Action of Nitrous Acid upon Amides and some Amino Compounds.—W. J. N. Burch: Some Esters of Phosphoric Acid.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.—General Meeting.
- BRITISH PSYCHOLOGICAL SOCIETY (Education Section) (at London Day Training College), at 6.—Miss Mary Chadwick: The Education of the Educationist.
- ARISTOTELIAN SOCIETY (at University of London Club), at 8.—A. H. Hannay, Prof. T. P. Nunn, and Prof. H. Wildon Carr: Symposium: The Subject-Object Relation in Historiography.
- SOCIETY OF CHEMICAL INDUSTRY (London Section) (Annual Meeting) (at Chemical Society), at 8.15.—Dr. A. E. Dunstan, F. B. Thole, and W. H. Thomas: Colloids of Petroleum.
- ROYAL GEOGRAPHICAL SOCIETY (at Aolian Hall), at 8.30.—Col. C. H. D. Ryder: The Demarcation of the Turco-Persian Boundary in 1914.

## TUESDAY, JUNE 9.

- ROYAL ANTHROPOLOGICAL INSTITUTE, at 4.30.—The Rt. Rev. Bishop Whitehead: Anthropology in the Mission Field.
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Dr. S. A. K. Wilson: Disorders of Motility and of Muscle Tone, with special reference to the Corpus Striatum (Croonian Lectures) (I.).
- ZOOLOGICAL SOCIETY OF LONDON, at 5.30.—C. B. Williams: Exhibition of Cinematograph Films illustrating Method of Fumigating Citrus Trees in Egypt.—A. Gibson: Exhibition of Films showing Methods of Combating the European Corn-borer in Canada.—Capt. E. W. Shann: Exhibition of Films taken on board the *Salpa* at Plymouth.—Prof. J. P. Hill and A. Subba Rau: Exhibition of Developmental Material of the Slender Lemur (*Loris gracilis*) recently obtained from South India.—A. Subba Rau: Contributions to our Knowledge of the Structure of the Placenta of Mustelidae, Ursidae, and Sciuridae.—Prof. D. M. S. Watson: The Structure of certain Palaeoniscids and the Relationships of that Group with other Bony Fish.—Dr. H. H. Woollard: The Anatomy of *Tarsius spectrum*.—J. R. Baker: A Coral Reef in the New Hebrides.—Dr. J. Stephenson: Oligochæta from various Regions including those collected by the Mount Everest Expedition, 1924.—C. R. Narayana Rao and B. S. Ramanna: Note on the Conus Arteriosus of some Genera of Engystomatidae and certain Examples of *Rana* and *Bufo* (Batrachia).
- ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.—Khan Bahadur Dr. Jivanji Modi: Paper.
- RÖNTGEN SOCIETY (at British Institute of Radiology), at 8.15.—Dr. R. Knox: Investigation of the Heart Movement by the Use of the Slit Diaphragm.
- INSTITUTION OF ELECTRICAL ENGINEERS.—Summer Meeting at South Midland Centre.

## WEDNESDAY, JUNE 10.

- GEOLOGICAL SOCIETY OF LONDON, at 5.30.—Dr. E. Spencer: On some Occurrences of Spherulitic Siderite and other Carbonates in Sediments.—L. R. Cox: Exhibition of Fossils and Lantern-slides illustrative of the Fauna of the Basal Shell-bed of the Portland Stone (Isle of Portland).
- RADIO SOCIETY OF GREAT BRITAIN (Informal Meeting) (at Institution of Electrical Engineers), at 6.—W. K. Alford and others: Discussion on the Application of the Supersonic Method of Reception to Ultra-short Wave-lengths.
- INSTITUTION OF ELECTRICAL ENGINEERS (Summer Meeting at South Midland Centre).

## THURSDAY, JUNE 11.

- ROYAL SOCIETY, at 4.30.—Prof. W. Magnus: Animal Posture (Croonian Lecture).
- LINNEAN SOCIETY OF LONDON, at 5.
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Dr. S. A. K. Wilson: Disorders of Motility and of Muscle Tone, with special reference to the Corpus Striatum (Croonian Lectures) (II.).
- OPTICAL SOCIETY (at Imperial College of Science and Technology), at 7.30.—E. F. Fincham: The Changes in the Form of the Crystalline Lens in Accommodation.—Prof. C. V. Raman and K. Banerji: The Optical Properties of Amethyst Quartz.—The Thermal Syndicate, Ltd.: Exhibition and Description of Samples of Fused Transparent Silica, suitable for Optical and other Purposes.—Dr. R. S. Clay: Exhibition and Description of Lucernal Microscope.
- INSTITUTION OF ELECTRICAL ENGINEERS (Summer Meeting at South Midland Centre).

## FRIDAY, JUNE 12.

- ROYAL SOCIETY OF ARTS (Indian Section), at 4.30.—Brig.-Gen. Sir Percy M. Sykes: The Heart of Asia and the Roof of the World.
- ROYAL ASTRONOMICAL SOCIETY, at 5.
- PHYSICAL SOCIETY OF LONDON (at Imperial College of Science), at 5.—Dr. G. Temple: Mass and Energy.—E. Tyler and E. G. Richardson: The Characteristic Curves of Liquid Jets.
- MALACOLOGICAL SOCIETY OF LONDON (at Linnean Society), at 6.
- ROYAL SOCIETY OF MEDICINE (Ophthalmology Section), at 8.30.—Annual General Meeting.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Sir William J. Pope: Faraday as a Chemist.
- INSTITUTION OF ELECTRICAL ENGINEERS (Summer Meeting at South Midland Centre).

## SATURDAY, JUNE 13.

- PHYSIOLOGICAL SOCIETY (at Manchester).

## FREE PUBLIC LECTURES.

## MONDAY, JUNE 8.

- UNIVERSITY COLLEGE, at 5.30.—Dr. J. Schmidt: The Biological Aspect of Hydrographical Work. (Succeeding Lecture on June 9.)

## WEDNESDAY, JUNE 10.

- UNIVERSITY COLLEGE, at 5.30.—Prof. L. J. Henderson: Blood and Circulation from the Standpoint of Physical Chemistry. (Succeeding Lectures on June 11, 12.)

## THURSDAY, JUNE 11.

- ST. MARY'S HOSPITAL (Institute of Pathology and Research), at 5.—Prof. J. Joly: Radiology.
- UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL, at 5.—Prof. J. Hay: Cardiology. (Succeeding Lectures on June 12, 18, 19.)
- CHELSEA PHYSIC GARDEN (Chelsea Embankment, S.W.), at 5.15.—Sir A. Daniel Hall: The Sources of the Fruit and Vegetable Supply of London (Chadwick Lecture).