

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Monday, January 30

BIRKBECK COLLEGE CHEMICAL SOCIETY, at 6.—Prof. S. Sugden, F.R.S.: "Neutrons and Chemistry".*

Tuesday, January 31

LONDON SCHOOL OF ECONOMICS, at 5.—Dr. L. Dudley Stamp: "The Fertility of the Land in Britain".*

COURTAULD INSTITUTE OF ART, at 5.30.—Dr. Herbert Chatley: "Ancient Chinese Astronomy" (succeeding lectures on February 7, 14, 21 and 28).*

Thursday, February 2

INSTITUTION OF ELECTRICAL ENGINEERS, at 5.30.—L. W. Hayes and B. N. MacLarty: "The Empire Service Broadcasting Station at Daventry".

Friday, February 3

GEOLOGISTS' ASSOCIATION (at University College), at 7.30.—E. J. Wayland: "Soil Erosion in Uganda".

ROYAL INSTITUTION, at 9.—Sir Charles Bresssey: "Bigger London or Better London".

Saturday, February 4

GILBERT WHITE FELLOWSHIP (in the Hall of the Art-workers Guild, 6 Queen Square, W.C.1), at 3.—Dr. J. Ramsbottom: "Toadstools and Their Ways".

Appointments Vacant

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:

UNIVERSITY READER IN BIOCHEMISTRY at Guy's Hospital Medical School—The Academic Registrar, University of London, Senate House, W.C.1 (February 1).

LECTURER IN PHYSICS AND CHEMISTRY and LECTURER IN ENGINEERING SUBJECTS in the West Hartlepool Technical College—The Chief Education Officer, Education Offices, Park Road, West Hartlepool (February 3).

BIOCHEMIST in the Department of Animal Husbandry of the Royal Veterinary College—The Bursar (February 4).

ASSISTANT WOMAN LECTURER IN NATURAL HISTORY in the Froebel Educational Institute Training College for Teachers, Grove House, Roehampton Lane, London, S.W.15—The Principal (February 5).

ASSISTANT (grade III) in the Geological Survey and Museum, Exhibition Road, South Kensington, S.W.7—The Director (February 7).

HEAD OF THE CHEMISTRY DEPARTMENT in the Rutherford Technical College—The Director of Education, City Education Office, Northumberland Road, Newcastle-upon-Tyne (February 11).

LECTURER IN CHEMISTRY in the West Ham Municipal College, Romford Road, Stratford, E.15—The Principal (February 14).

PROFESSOR OF MEDICINE in the University of Otago—The High Commissioner for New Zealand, 415 Strand, London, W.C.2 (March 22).

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1812 (3450): Variations of Shear Stress in Thin-walled Tubes under Torque. By D. Williams and J. Taylor. Pp. 7. 1s. 3d. net. No. 1831 (3109): Simple Formulae for the Fundamental Normal Frequencies of Cantilevers. By Dr. P. B. Walker. Pp. 20. 3s. net. No. 1832 (3556): Critical Reynolds Numbers of Spheres in the Compressed Air Tunnel. By A. Fage and D. H. Williams. Pp. 8. 1s. 3d. net. No. 1833 (3534): Notes on Longitudinal Stability at Low Speeds. By R. H. Francis and Dr. G. E. Pringle. Pp. 6. 1s. net. No. 1837 (3537): A Comparison of Aileron Control on Tapered Wings with Straight Leading Edge and Straight Trailing Edge. By H. B. Irving and A. S. Batson. Pp. 8. 1s. 3d. net. No. 1839 (3487): A Simplified Theory of Wing Flutter. By Dr. A. G. Pugsley. Pp. 10. 1s. 6d. net. (London: H.M. Stationery Office.) [2212]

Thirty-sixth Annual Report, 1937-1938, of the Imperial Cancer Research Fund. Pp. 40. (London: Imperial Cancer Research Fund.) [2812]

Proceedings of the Royal Society of Edinburgh, Session 1938-1939. Vol. 59, Part 1, No. 1: The Molecular Spectra of the Hydrogen Isotopes. 1: Application of the Rotating Vibrator Model to the States of D₂. By Dr. Ian Sandeman. Pp. 14. 1s. 3d. Transactions of the Royal Society of Edinburgh. Vol. 59, Part 3, No. 21: The Life-History and Development of *Agriolimax agrestis* L., the Gray Field Slug. By Dr. Robert Carrick. Pp. 563-597. 4s. 6d. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) [2812]

Catalogue of the Twenty-ninth Annual Exhibition of Scientific Instruments and Apparatus, held at the Imperial College of Science and Technology, South Kensington, London, S.W.7, January 3rd, 4th and 5th, 1939. Pp. 239+lxxxviii. (London: Physical Society.) [2912]

Education in Citizenship, by Spencer Leeson; Education for World Citizenship, by Laurin Ziliacius. Pp. 26. (London: Association for Education in Citizenship.) 6d. [3012]

National Smoke Abatement Society. Ninth Annual Report, 1938-9. Pp. 30. Britain's Burning Shame. Pp. 32. 2d. (London: National Smoke Abatement Society.) [3012]

Royal Commission on Safety in Coal Mines. Report. (Cmd. 5890.) Pp. xxxii+520. (London: H.M. Stationery Office.) 7s. 6d. net. [3012]

Report of the Commissioner for the Special Areas in England and Wales for the Year ended 30th September 1938. (Cmd. 5896.) Pp. vii+120. (London: H.M. Stationery Office.) 2s. net. [61]

Report of the Commissioner for the Special Areas in Scotland for the Period 1st September 1937 to 30th September 1938. (Cmd. 5905.) Pp. viii+88. (London: H.M. Stationery Office.) 1s. 6d. net. [61]

Research in the Iron and Steel Industry. (The 10th Gluckstein Memorial Lecture, 1938.) By Dr. W. H. Hatfield. Pp. 29. Opium. (Twenty-first Streatfeild Memorial Lecture, 1938.) By John Ralph Nicholls. Pp. 35. (London: Institute of Chemistry.) [61]

Other Countries

Government of Iraq: Ministry of Economics and Communications. Iraq Geological Department, Publication No. 1: Water Supplies in Iraq. By W. A. Macfadyen. Pp. iii+206+viii+19 plates. (Baghdad: Government Press.) 250 fils; 5s. [2212]

Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series A, No. 45: Technological Reports on Standard Indian Cottons, 1938. By Dr. Nazir Ahmad. Pp. iii+104. (Bombay: Indian Central Cotton Committee.) 1.8 rupees. [2812]

Egyptian University. Bulletin of the Faculty of Science, No. 16: Notes on the Anatomy of the Egyptian Kite, *Milvus aegyptius* Gm. By A. H. Al-Hussaini. Pp. 42+2 plates. (Cairo: Egyptian University.) [3012]

Department of Science and Agriculture, Jamaica. Bulletin No. 16: A Survey of the Yields of Sugar Cane in Jamaica, 1936-1937. Report by H. H. Croucher. Pp. ii+36. 6d. Bulletin No. 17: Soil Erosion and Conservation in Jamaica, 1937. By H. H. Croucher and C. Swabey. Pp. 20. 6d. (Jamaica: Government Printing Office.) [3012]

City of Durban: Durban Museum and Art Gallery. Annual Report for Municipal Year 1937-1938. Pp. 12+4 plates. (Durban: Durban Museum and Art Gallery.) [61]

Observatoire de Zi-ka-wei. Notes de météorologie physique, Fascicule 8: Étude de la vapeur d'eau, de l'oxygène et des poussières contenues dans l'atmosphère, à l'Observatoire de Z₅-sé. Par le R. P. Pierre Lejay. Pp. ii+40. (Zi-ka-wei: Observatoire de Zi-ka-wei.) [61]

Colony of Mauritius: Department of Agriculture. Eighth Annual Report of the Sugarcane Research Station, for the Year 1937. Pp. 62. (Port Louis: Government Printer.) 80 cents. [61]

Report of the Aeronautical Research Institute, T kyō Imperial University. No. 170: The Moment of the Fluid Pressure acting on a Flat Plate in a Stream between Two Parallel Walls and some Allied Problems. By Susumu Tomotika. Pp. 473-551. (T. kyō: Kōgyō Toshō Kabushiki Kaisha.) 95 sen. [61]

Field Experiments on Sugar-Cane in Trinidad: Annual Report for 1938. By P. E. Turner. Pp. 121. (Trinidad: Sugar-Cane Investigation Committee.) [61]

The Sherbro of Sierra Leone: a Preliminary Report on the Work of the University Museum's Expedition to West Africa, 1937. By H. U. Hall. Pp. v+52. (Philadelphia: University Press of Pennsylvania.) [61]

Comité National français et Comité National marocain de Géodésie et Géophysique. Années 1933, 1934, 1935, 1936. Compte rendu publié par le Secrétaire Général du Comité français, G. Perrier. Pp. 408. (Paris: Secrétariat Général du Comité français.) [61]

Catalogues, etc.

Annotated Catalogue of Works on Chemistry, Pure and Applied. (Sothoran's Price Current of Literature, No. 857.) Pp. 176. (London: Henry Sothoran, Ltd.)

Die Askania-Warte. Nr. 14, November-Dezember 1938. Pp. 24. (Berlin-Friedenau: Askania-Werke A.G.)

Calendar for 1939. (London: The Chemical Trade Journal).

The Book of Dunns Farm Seeds, 1939. Pp. 68. (Salisbury: Dunns Farm Seeds, Ltd.)

Lettres, Arts, Sciences. Pp. 32. Enseignement du second degré: Écoles primaires supérieures, Lycée et Collèges. Pp. 24. (Paris: Libr. Delagrave.)

Der vordere Orient vom Altertum bis zur Neuzeit: Geschichte, Kulturgeschichte, Religion, Sprache, Literatur, Kunst. (Antiquariats-katalog Nr. 728.) Pp. 176. (Leipzig: Gustav Fock, G.m.b.H.)

The Hammond Organ Bulletin. No. 1, January. Pp. 6. (London: Boosey and Hawkes, Ltd.)

A Catalogue of Books and Periodicals on all Classes of Zoology. (No. 557.) Pp. 140. (London: Bernard Quaritch, Ltd.)