

considered from a New Point of View (Hunterian Lecture).

SOCIETY OF CHEMICAL INDUSTRY (Liverpool Section) (jointly with Manchester Section) (at Liverpool University), at 6.—Dr. A. E. Dunstan: Liquid Fuels, To-day and To-morrow (Jubilee Memorial Lecture).

ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Sir Arthur Eddington: The Expanding Universe.

SATURDAY, JANUARY 23.

MATHEMATICAL ASSOCIATION (London Branch) (at Bedford College for Women), at 3.—A. R. Green: Some Interesting Practical Problems in Elementary Geometry.

Public Lectures.

FRIDAY, JANUARY 15.

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE, at 5.—Prof. L. Hogben: Genetic Principles in Medicine and Social Science.

UNIVERSITY COLLEGE, at 5.—Dr. A. S. Parkes: The Physiology of Reproduction. (Succeeding Lectures on Jan. 15, 22, and 29, and Feb. 5, 12, and 19.)—G. P. Wells: Comparative Physiology. (Succeeding Lectures on Jan. 15, 22, 29, Feb. 5, 12, 19, 26, and March 4, 11, and 18.)—At 5.30.—N. H. Baynes: The History of Asia and Eastern Europe.

IMPERIAL COLLEGE OF SCIENCE (Royal College of Science), at 5.30.—Dr. T. M. Finlay: The Evolution of Landscape: The Instability of the Earth (Swiney Lectures) (5).

SATURDAY, JANUARY 16.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Miss M. A. Murray: The Ancient Egyptians at Home.

MONDAY, JANUARY 18.

GUY'S HOSPITAL (Physiological Theatre), at 5.—Prof. J. M. W. Morison: The Use of X-Rays in Physiological Investigations (1): The Use of Opaque Substance with special reference to the Investigation of the Gall-bladder and Kidneys.

UNIVERSITY OF LEEDS, at 5.15.—Prof. E. T. Whittaker: The Life and Work of Clerk Maxwell.

IMPERIAL COLLEGE OF SCIENCE (Royal College of Science), at 5.30.—Dr. T. M. Finlay: The Evolution of Landscape: The Instability of the Earth (contd.) (Swiney Lectures) (6).

ST. THOMAS'S HOSPITAL, at 5.30.—Prof. W. J. Tulloch: Serological Studies on Vaccinia. (Succeeding Lectures on Jan. 19 and 20.)

TUESDAY, JANUARY 19.

UNIVERSITY COLLEGE, LONDON, at 5.—Dr. H. R. Ing: Chemotherapy (1). (Succeeding Lectures on Jan. 26, Feb. 2, 9, 16, and 23.)

UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL, at 5.15.—Dr. R. A. O'Brien: The Preparation, Testing, and Use of Antitoxin.

GRESHAM COLLEGE (Basinghall Street), at 6.—A. R. Hinks: Celestial Spectacles. (Succeeding Lectures on Jan. 20, 21, and 22.)

INSTITUTE OF INDUSTRIAL ADMINISTRATION (at Institute of Hygiene), at 6.30.—T. Keens: Some Problems of Industrial Administration and Accounting.

UNIVERSITY COLLEGE, LONDON, at 8.15.—Miss E. Jeffries Davis: Some Descriptions of London, c. 1175-1830 (1). (Succeeding Lectures on Jan. 26, Feb. 2, 9, and 16.)

WEDNESDAY, JANUARY 20.

ROYAL INSTITUTE OF PUBLIC HEALTH, at 4.—Sir William Willcox: The Etiology of Rheumatism, with special reference to Infective Causes.

KING'S COLLEGE, LONDON, at 5.15.—Prof. J. H. Rose: The Mediterranean in Ancient History: The Mediterranean, the Nursery for Navigation. (Succeeding Lectures on Jan. 27, Feb. 3, 10, and 17.)

SCHOOL OF ORIENTAL STUDIES (jointly with Royal Anthropological Institute), at 5.15.—F. H. Melland: Natural Resources of Africa.

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IMPERIAL COLLEGE OF SCIENCE (Royal College of Science), at 5.30.—Dr. T. M. Finlay: The Evolution of Landscape: Land Sculpture (Swiney Lectures) (7).

UNIVERSITY COLLEGE, LONDON, at 5.30.—J. H. Helweg: Denmark, the Land and the People (1). (Succeeding Lectures on Jan. 27 and Feb. 3.)

BELFAST MUSEUM AND ART GALLERY, at 8.—H. Lamont: Story of Milk.

THURSDAY, JANUARY 21.

SCIENCE MUSEUM, SOUTH KENSINGTON, at 4.30.—Dr. G. C. Simpson: Weather Forecasting.

UNIVERSITY COLLEGE, LONDON, at 5.30.—Dr. S. V. Keeling: The Philosophy of J. Ellis McTaggart (1). (Succeeding Lectures on Jan. 28 and Feb. 4.)—H. P. Vowles: Whence came the Windmill?

SOCIETY FOR CONSTRUCTIVE BIRTH CONTROL AND RACIAL PROGRESS (at Essex Hall, Essex Street, W.C.2), at 8.—G. Bedford: Recent Developments in the Birth Control Movement in America.

FRIDAY, JANUARY 22.

IMPERIAL COLLEGE OF SCIENCE (Royal College of Science), at 5.30.—Dr. T. M. Finlay: The Evolution of Landscape: Mountains (Swiney Lectures) (8).

UNIVERSITY COLLEGE, LONDON, at 5.30.—Prof. H. A. R. Gibb: The Expansion of the Arabs, A.D. 600-750.

SATURDAY, JANUARY 23.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—M. A. Phillips: In the Haunts of the Sea-Birds.

Official Publications Received.

BRITISH.

Indian Journal of Physics, Vol. 6, Part 4, and Proceedings of the Indian Association for the Cultivation of Science, Vol. 15, Part 4. Conducted by Sir C. V. Raman. Pp. 263-366. (Calcutta.) 2.4 rupees; 3s.

The National Institute of Poultry Husbandry (Harper Adams Agricultural College), Newport, Shropshire. A Progress Report of Instructional and Experimental Work in Poultry and Rabbit Husbandry. (No. 5.) Pp. 68. Bulletin No. 6: Methods of Artificially Lighting Winter Layers (Single Comb White Leghorn Pullets). By I. W. Rhys and Raymond T. Parkhurst. Pp. 16. (Newport.)

The Hannah Dairy Research Institute: its Origin and Work; with a Description of the Buildings, Equipment and Farm Stock, 1931. Pp. 30+2 plates. (Auchincruive.)

The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 70, No. 420, December. Pp. 104+xxii. (London: E. and F. N. Spon, Ltd.) 10s. 6d.

The University of Leeds. Pp. 8+4 plates. (Leeds.)

FOREIGN.

Zum Klima der Türkei: Ergebnisse dreijähriger Beobachtungen 1915-1918. Herausgegeben von Prof. Dr. Ludwig Weickmann, unter Mitwirkung von Prof. Dr. Heinrich Koppe, Prof. Dr. Harald Koschmeider und Dr. Peregrin Zistler. Heft 4: Der Anstieg des Toten Meeres 1880-1900 und seine Erklärung. Von Johannes Enge. Pp. 42+8 Karten. (Leipzig: Geophysikalisches Institut der Universität.)

Veröffentlichungen des Geophysikalischen Instituts der Universität Leipzig. Serie 2: Specialarbeiten aus dem Geophysikalischen Institut. Band 4, Heft 5: Zur Theorie polarer Temperatur- und Luftdruckwellen. Von Werner Schwerdtfeger. Pp. 253-317+2 Tafeln. Band 5, Heft 1: Zur Theorie der Wellenbewegungen in Luft und Wasser. Von Bernhard Haurwitz. Pp. 106. Band 5, Heft 2: Theoretische Ableitung und physikalischer Nachweis einer 36 tägigen Luftdruckwelle. Von Heinz Lettau. Pp. 107-167. (Leipzig: Geophysikalisches Institut der Universität.)

Agricultural Experiment Station, Michigan State College of Agriculture and Applied Science. Technical Bulletin No. 115: The Diagnosis of Species of Fusarium by use of Growth-Inhibiting Substances in the Culture Medium. By G. H. Coons and M. C. Strong. Pp. 78. (East Lansing, Mich.)

Regenwaarmetingen in Nederlandsch-Indië. Een en vijftigste Jaargang 1929. Pp. ii+133. (Batavia: Landsdrukkerij.)

CATALOGUES.

A Catalogue of Periodical Literature, Transactions of Learned Societies, Narratives of Important Voyages, etc. (No. 452.) Pp. 144. (London: Bernard Quaritch, Ltd.)

Zeiss Surveying Instruments. (Geo. 123.) Pp. 24. The New Zeiss "Lodis" Tacheometer for Rectangular Coordinates. (Geo. 103E.) Pp. 8. The Zeiss Telemeter for the Measurement of Distances by Readings on a Vertical Staff. (Geo. 106.) Pp. 4. The Zeiss Self-reducing Tacheometer. (Geo. 59.) Pp. 4. The New Zeiss Universal Theodolite III. (Geo. 94 fe.) Pp. 8. Zeiss Precise Level I. (Geo. 104.) Pp. 4. Economic Aspects of the Optical Measurement of Distances in Surveying and the Zeiss Reducing Tacheometer. By R. Bosshardt. (Geo. 78e.) Pp. 8. (Jena and London: Carl Zeiss.)