

F. A. Howe. Pp. vii+342. (London: J. Murray.) 7s. 6d. net.

Wireless Telegraphy and Telephony: An Outline for Electrical Engineers and Others. By L. B. Turner. Pp. xii+195+xxiv plates. (Cambridge: At the University Press.) 20s. net.

Devonian Floras: A Study of the Origin of Cormophyta. By Dr. E. A. Newall Arber. Pp. xiv+100. (Cambridge: At the University Press.) 17s. 6d. net.

Domestic Fuel Consumption. By A. H. Barker. (The Chadwick Library.) Pp. x+159. (London: Constable and Co., Ltd.) 14s. net.

A Text-book of Inorganic Chemistry for University Students. By Prof. J. R. Partington. Pp. xii+1062. (London: Macmillan and Co., Ltd.) 25s. net.

Meteorological Office. British Meteorological and Magnetic Year Book, 1917. Part iv.: Hourly Values from Autographic Records, 1917. Pp. 91+iii plates. (M.O. 229f.) (London: Meteorological Office, Air Ministry.) 12s. 6d. net.

Diary of Societies.

THURSDAY, JANUARY 27.

- ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Dr. A. Harden: Biochemistry (Vitamines).
 ROYAL SOCIETY, at 4.30.—K. Sassa and Prof. C. S. Sherrington: The Myogram of the Flexor-reflex evolved by a Single Break-shock.—Sir Almoth Wright: "Interaction" between Albuminous Substances and Saline Solutions.—Dr. S. Russ, Dr. Helen Chambers, and Gladys M. Scott: The Local and Generalised Action of Radium and X-rays upon Tumour Growth.
 NEWCOMEN SOCIETY (at Iron and Steel Institute), at 5.—R. Jenkins: Rise and Fall of the Iron Manufacture in Sussex.
 ROYAL SOCIETY OF MEDICINE (Balneology and Climatology Section), at 5.30.—Dr. G. L. Partington: Advancing Years and Balneotherapy (Presidential Address).
 INSTITUTION OF ELECTRICAL ENGINEERS (at Institution of Civil Engineers), at 6.—G. A. Juhlin: Temperature Limits of Large Alternators.
 LONDON DERMATOLOGICAL SOCIETY, at 6.—Dr. W. K. Sibley: Acne (Chesterfield Lecture).
 CONCRETE INSTITUTE, at 7.30.—J. A. Howe: Geology in Relation to Building Stones.
 WIRELESS SOCIETY OF LONDON (at Royal Society of Arts), at 8.
 SOCIETY OF ANTIQUARIES, at 8.30.
 ROYAL SOCIETY OF MEDICINE (Urology Section), at 8.30.—T. Walker: Obstruction After Suprapubic Prostatectomy and an Open Operation for its Prevention.

FRIDAY, JANUARY 28.

- ASSOCIATION OF ECONOMIC BIOLOGISTS (at Imperial College of Science), at 2.30.—Dr. L. Lloyd: Greenhouse White Fly and its Control.—W. B. Brierley: Personal Impressions of Some American Biologists and their Problems.
 ROYAL SOCIETY OF MEDICINE (Study of Disease in Children), at 5.—Dr. P. Parkinson: A Case of Patent Ductus Arteriosus.
 ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. A. Keith: The Principles of Craniology applied to Clinical and Racial Problems.
 PHYSICAL SOCIETY OF LONDON (at Imperial College of Science), at 5.—Prof. H. Nagaoka: The Magnetic Separation of the Neon Lines and Runge's Rule.—Capt. E. V. Appleton: A Method of Demonstrating the Retro-active Property of a Triode Oscillator.—Dr. D. Owen and R. M. Archer: The Quickness of Response of Current to Voltage in a Thermionic Tube.
 JUNIOR INSTITUTION OF ENGINEERS, at 8.—J. W. Wardell: Manufacture of Portland Cement.
 ROYAL SOCIETY OF MEDICINE (Epidemiology and State Medicine Section), at 8.30.—Dr. A. S. M. MacGregor: Some Features of Current Small-pox in Glasgow.
 ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Sir James Dewar: Cloudland Studies.

MONDAY, JANUARY 31.

- ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. W. S. Handley: The Pathology and Treatment of Lupus.
 ROYAL INSTITUTE OF BRITISH ARCHITECTS, at 8.—J. W. Simpson: Presidential Address to Students and Distribution of Prizes.
 ROYAL SOCIETY OF ARTS, at 8.—A. E. L. Chorlton: Aero Engines (Howard Lectures).
 MEDICAL SOCIETY OF LONDON, at 8.30.—Dr. A. Feiling: Multiple Neuritis.—Dr. F. G. Crookshank: Handprints in Mongolian and Other Imbeciles.

TUESDAY, FEBRUARY 1.

- ROYAL SOCIETY OF ARTS (Colonial Section), at 4.30.—Dr. G. C. Creelman: Modern Agriculture.
 INSTITUTION OF CIVIL ENGINEERS, at 5.30.—Brevet-Major G. le Q. Martel: Bridging in the Field.
 ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—P. King: The Cinematograph Camera: Various Models and General Description of Same.

WEDNESDAY, FEBRUARY 2.

- ROYAL SOCIETY OF ARTS, at 8.—A. F. Baillie: Oil-burning Methods in Various Parts of the World.
 ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. W. G. Howarth: Muscivore and Pyococle of the Nasal Accessory Sinuses. GEOLOGICAL SOCIETY OF LONDON, at 5.30.
 SOCIETY OF PUBLIC ANALYSIS AND OTHER ANALYTICAL CHEMISTS (Annual General Meeting) (at Chemical Society), at 8.—Presidential Address.—F. W. Smith: Extract of Red Squill (*Scilla maritima*) as a Rat Poison.—W. Lowson: The Composition of Harrogate Mineral Waters.

THURSDAY, FEBRUARY 3.

- ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Prof. W. A. Herdman: Oceanography (Great Exploring Expeditions).
 ROYAL SOCIETY, at 4.30.—*Probable Papers*.—Dr. G. B. Jeffery: The Field of an Electron on Einstein's Theory of Gravitation.—Dr. M. N. Saha: A Physical Theory of Stellar Spectra.—W. F. Darke, J. W. McBain, and C. S. Salmon: The Ultra-microscopic Structure of Soaps.—Dr. J. Mercier: Linear Transformations and Functions of Positive Type.
 LINNEAN SOCIETY, at 5.—Miller Christy: Wistman's Wood, Dartmoor; Specimens of Slides.—Dr. Agnes Arber: Leaf-tips of Monocotyledons.—T. A. Dymes: Seedlings of *Ruscus aculeatus*, with Remarks on their Germination and Growth.
 ROYAL AERONAUTICAL SOCIETY (at Royal Society of Arts), at 5.30.—Major G. Dobson: The Use of Meteorology to Aviation and Vice-versa.—Wing-Comdr. H. W. S. Outram: Ground Engineering. CHEMICAL SOCIETY, at 8.

FRIDAY, FEBRUARY 4.

- ROYAL ASTRONOMICAL SOCIETY (Geophysical Discussion), at 5.—On Gravity at Sea: Opened by Prof. G. W. Duffield, and continued by Sir S. G. Burrard, Dr. H. Jeffreys, Dr. J. W. Evans, and Dr. A. M. Davies. Chairman: Sir Arthur Schuster.
 ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. C. W. G. Bryan: The Early and Late Effects of Injuries of the Diaphragm, with Special Reference to Wounds jointly involving Thoracic and Abdominal Viscera.
 ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Dr. A. D. Waller: The Electrical Expression of Human Emotion.

SATURDAY, FEBRUARY 5.

- GILBERT WHITE FELLOWSHIP (at 6 Queen Square, W.C.1), at 3.—Lecture.

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