

A Catalogue of Technical and Scientific Books for Engineers, Chemists, Scientists, Architects, Surveyors, etc., and Students in Colleges, Polytechnics, etc., published by John Wiley and Sons, Inc., of New York. Pp. 167. (London: Chapman and Hall, Ltd.)

Watson's Microscope Record. No. 23, May. Pp. 24. (London: W. Watson and Sons, Ltd.)

High Alumina Blocks of Rotary Cement-kiln Linings. Pp. 24. (Chatteris: Algernon Lewin Curtis.)

B. D. H. Preparations of Ergot ("Ergodex" and Salts of Ergotoxine). Pp. 10. (London: The British Drug Houses, Ltd.)

Diary of Societies.

FRIDAY, JUNE 12.

ROYAL ASTRONOMICAL SOCIETY, at 5.—Dr. L. J. Comrie: Note on Mr. Chappell's Method of Second Difference Integration.—Bertha Swirles: The Absorption Coefficient of a Degenerate Gas.—G. Castelnuovo: De Sitter's Universe and the Motion of Nebulae.

ROYAL SOCIETY OF MEDICINE (Ophthalmology Section) (Annual General Meeting), at 5.—E. Wolff: Macular Detachment in Iridocyclitis.

MALACOLOGICAL SOCIETY OF LONDON (at Linnean Society), at 6.—H. U. Bloomer: Note on the Anatomy of *Lamellidens marginalis* Lam. and *L. thwaitessi* Lea.—Dr. F. A. Schilder and J. R. leB. Tomlin: Rediscovery of a Rare Cowry.—J. R. leB. Tomlin: Notes from the British Museum I. Dates of Certain Species of *Donax* and *Mesodesma*.—Lt.-Col. A. J. Peile: (a) On the Embryonic Radula of *Sutulina*; (b) Note on *Clausilia thermopylum* Pfr.

ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Dr. C. L. Woolley: Latest Excavations at Ur.

SATURDAY, JUNE 13.

BIOCHEMICAL SOCIETY (at Marine Biological Station, Plymouth), at 3.30.—Prof. A. T. Cameron: Some Notes on the Rate of Decomposition of Creatine in Acid and Alkaline Solutions.—Dr. P. Haas and Dr. T. G. Hill: A Preliminary Note on the Nitrogen and Fat Metabolism of Sea Weeds.—R. K. Callow and C. Fischmann: The Occurrence of Fat-soluble Vitamins in Lampreys.—T. F. Dixon and G. F. Marrian: The Isolation of a Hydrocarbon from Urine.—C. R. Harrington and S. S. Randall: (a) Isolation of *d*-3:5-diiodotyrosine from the Thyroid Gland; (b) Synthesis of the *d*- and *l*-3:4-dihydroxy-phenylalanines.—Demonstrations:—Dr. W. R. G. Atkins: Light Recording Instrument.—Dr. C. M. Yonge: Permeability of Chitin.—A. D. Ritchie: Velocity of Pecten Muscle.—L. H. N. Cooper: Determination of some Chemical Constituents of Seawater.—D. P. Wilson: Methods of Rearing Larvæ.—G. M. Spooner: Behaviour of Plankton Animals.—J. E. Smith: Grading of Bottom Deposits.—H. W. Harvey: Rate of Growth of Diatoms.

MONDAY, JUNE 15.

ROYAL SOCIETY OF EDINBURGH, at 4.30.—Prof. A. H. R. Buller: Recent Advances in our Knowledge of the Higher Fungi (Address).—J. Thomson: The Ionising Efficiency of Electronic Impacts in Air (*to be read by title only*).

VICTORIA INSTITUTE (at Central Buildings, Westminster), at 4.30.—Sir Ambrose Fleming: Light (Presidential Address).

BRITISH PSYCHOLOGICAL SOCIETY (Industrial Section) (at Red Lion Restaurant, Red Lion Square), at 8.—D. R. Wilson: The Present Trend of Industrial Psychology in Great Britain.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Prof. O. Holtedahl: The Work of the *Norvegia* in the Antarctic.

TUESDAY, JUNE 16.

ROYAL SOCIETY OF MEDICINE, at 4.30.—Special General Meeting.
ROYAL STATISTICAL SOCIETY (at Royal Society of Arts), at 5.15.—Prof. O. M. W. Sprague: Major and Minor Trade Fluctuations.
ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.—Miss G. Caton-Thompson: Prehistoric Research in the Kharga Oasis.

WEDNESDAY, JUNE 17.

SOCIETY OF GLASS TECHNOLOGY (at Sheffield), at 2.
ROYAL METEOROLOGICAL SOCIETY, at 5.—Prof. S. Chapman: A Theory of Upper-atmospheric Ozone.—C. K. M. Douglas: On the Relation between Temperature and Pressure in the Troposphere.

GEOLOGICAL SOCIETY OF LONDON, at 5.30.—Prof. O. Holtedahl: Some General Structural Features of the Arctic and Adjacent Regions (Lecture).—J. A. Douglas and W. J. Arkell: The Stratigraphical Distribution of the Cornbrath: II. The North-Eastern Area.

FOLK-LORE SOCIETY (at University College), at 8.—Dr. M. Gaster: Some Oriental Folklore and Problems of Dissemination.

THURSDAY, JUNE 18.

ROYAL SOCIETY, at 4.30.—The President and others: Discussion on Recent Advances in the Chemistry of the Vitamins.

LONDON MATHEMATICAL SOCIETY (at Royal Astronomical Society), at 5.—J. D. Barter: Canonical Expressions of p Vectors.—F. W. Bradley: Concerning the Distribution of Primes Represented by Certain Quadratic and Cubic Forms.—S. Chowla and A. Walfisz: On a Trigonometric Sum.—T. Estermann: On the Representations of a Number as the Sum of Three or More Products.—D. E. Littlewood: On the Classification of Algebras.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (Annual General Meeting) (at 11 Chandos Street, W.), at 8.15.—Dr. E. Muir: The Treatment of Leprosy.

FRIDAY, JUNE 19.

PHYSICAL SOCIETY (at Imperial College of Science and Technology), at 8 and at 5.15.—Discussion on Addition to be opened by Dr. C. S. Myers.—E. D. Adrian: The Microphonic Action of the Cochlea in

Relation to Theories of Hearing.—Dr. R. T. Beatty: Auditory Mechanisms.—Dr. A. W. G. Ewing: High-frequency Deafness.—Dr. M. G. Richardson: The Dynamical Theory of the Ear.—Sir Richard A. S. Paget: Audition in Relation to Speech, and the Production of Speech Sounds by the Human Vocal Apparatus, by Acoustic or Electrical Resonators, and by Musical Instruments.—Dr. E. W. Scripture: The Nature of the Vowels.—Dr. E. Meyer: The Analysis of Noises and Musical Sounds.—Dr. C. V. Drysdale: Acoustic Measuring Instruments.—Dr. H. Banister: The Basis of Sound-localisation.—Dr. A. H. Davis: The Measurement of Noise.—Dr. F. Trendelenberg: Objective Measurement and Subjective Perception of Sound.—Dr. F. Allen: The Perception of Intensity of Sound in Normal, Depressed, and Enhanced States of Aural Sensitivity.—G. Waetzmann: Über die Messung der Reiz-Schwelle der Hörempfindungen mit Resonanz-telefonen.—Major W. S. Tucker: The Localisation of Sound Derived from Observations of Intensity.—Prof. E. M. von Hornbostel: The Time Theory of Sound-localisation. A Re-statement.

ROYAL SOCIETY OF MEDICINE (Physical Medicine Section), at 5.—Special General Meeting.

ROYAL SOCIETY OF MEDICINE (Obstetrics and Gynaecology Section), at 8.—Prof. F. J. Browne: The Zondek-Ascheim Reaction in Chorion-Epithelioma.—Dame Louise Mellroy and Dr. Gladys Hill: Pregnancy Complicated with Diabetes.

ROYAL SOCIETY OF MEDICINE (Radiology Section), at 8.30.—Special General Meeting.

SATURDAY, JUNE 20.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS, at 2.30.

ROYAL SOCIETY OF MEDICINE (Orthopaedics Section) (at Oxford).

PUBLIC LECTURES.

FRIDAY, JUNE 12.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (Public Health Division), at 5.—Sir Thomas Legge: Industrial Poisonings.

TUESDAY, JUNE 16.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (Public Health Division), at 5.—Sir George Buchanan: International Hygiene.

INSTITUTE OF PATHOLOGY AND RESEARCH (St. Mary's Hospital, W.2), at 5.—Dr. B. Hart: The Causation of Neurotic Disorders.

WEDNESDAY, JUNE 17.

FARADAY SOCIETY (at Royal Institution), at 5.30.—Dr. R. L. Mond: Michael Faraday (Spiers Memorial Lecture).

FRIDAY, JUNE 19.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (Public Health Division), at 5.—Sir Thomas Legge: Industrial Poisonings.

CONFERENCES.

JUNE 10 TO 13.

SOUTH-EASTERN UNION OF SCIENTIFIC SOCIETIES (at Winchester).

Friday, June 12 (Geological Section), at 10.30 A.M.—Prof. H. L. Hawkins: Some Generalisations on the Nature, Deposition, and Paleontological Implications of the Chalk.

At 11.45 A.M.—F. H. Edmunds: The Relation of Soil and Geology of the Weald.

(Zoological Section), at 10.30 A.M.—J. F. Marshall: The Stereoscopic Photomicrographs of Fossil Insects exhibited in the Congress Museum.

At 11 A.M.—H. Main: Insect Observations Underground.

At 12.—E. A. Martin: The Making of Pearls.

At 8 P.M.—W. P. D. Stebbing: A Motor Tour of 7500 miles from the Transvaal to Western Uganda (Public Lecture).

Saturday, June 13 (Regional Survey Section), at 11 A.M.—H. J. E. Peake: Archaeological Surveys.

JUNE 15 TO 18.

INTERNATIONAL UNION FOR THE SCIENTIFIC INVESTIGATION OF POPULATION PROBLEMS (at Royal Society of Arts).—The first three morning sessions will be devoted to official business, and the afternoon sessions and the whole of June 18 to reports and papers relating to the work of the Union. Commission 1 (Population and Food Supply) reports on the first afternoon, Commission 2 (Differential Fertility) on the second afternoon, and Commission 3 (Vital Statistics of Primitive Races) on the third afternoon. Papers to be read on these afternoons and those for June 18 include studies on Differential Fertility in Stockholm, the Birth-rate and Population of the United States, and Vital Aspects of a Chinese Family Population during six hundred years, general papers on Population Theory and Human Biology, and Experimental Work on Mice Populations.

SUMMER MEETINGS.

JUNE 11 TO 13.

NEWCOMEN SOCIETY FOR THE STUDY OF THE HISTORY OF ENGINEERING AND TECHNOLOGY (at Sheffield).

JUNE 17 TO 19.

INSTITUTE OF WATER ENGINEERS (at Harrogate).

Wednesday, June 17 (at Hotel Majestic), at 10.30 A.M.—H. Prescott Hill: Presidential Address.

E. Sherman Chase: Modern Aspects of Water Purification.

C. M. Saville: Modern Dam Construction.

Afternoon.—F. W. Macaulay: The Construction of Modern Water Mains.

H. A. P. Hetherington: The Sinking of Borings.