

Abstract-Bulletin of Nela Research Laboratory, Incandescent Lamp Department, of General Electric Company, Cleveland, Ohio. Vol. 1, No. 4, December 1925. Pp. x+523-746+8 plates. (Cleveland, Ohio.)

Annals of the South African Museum. Vol. 16, Part 2, containing: 1. Contributions to a Knowledge of the Flora of South-West Africa. i: List of Grasses. By Miss S. Garabedian. Pp. 381-426+plate 8. 4s. Vol. 19, Part 4, containing: 10. New Species of Geometridae (Lepidoptera) in the Collections of the South African Museum, by Louis B. Prout; 11. Mycetophilidae and Bibionidae (Diptera) in the Collections of the South African Museum, by F. W. Edwards; Title, Index, etc., to Vol. 19. Pp. 579-616+xiii+plates 16-17. 5s. 6d. Vol. 20, Part 4, containing: 6. The South African Species of the Molluscan Genus *Onchidella*, by Hugh Watson; 7. Reports on the Marine Mollusca in the Collections of the South African Museum. i: Turritellidae, by J. R. le B. Tomlin. Pp. 237-316+plates 27-32. 10s. Vol. 21, Part 1, containing: A Monograph of the Marine Fishes of South Africa. Part 1: (Amphioxus, Cyclostomata, Elasmobranchii and Teleostei—Isospondyli to Heterosomata). By Dr. K. H. Barnard. Pp. 418+17 plates. 25s. Vol. 22 (Descriptions of the Palaeontological Material collected by the South African Museum and the Geological Survey of South Africa), Part 1, containing: 1. On some South African Fossil Woods, by John Walton; 2. Revision of the Fauna of the Bokkeveld Beds, by Dr. F. R. C. Reed; 3. Investigations in South African Fossil Reptiles and Amphibia (Part xiii), by Dr. S. H. Haughton; 4: Notes on some Cretaceous Fossils from Angola (Cephalopoda and Echinoidea), by Dr. S. H. Haughton. Pp. 285+15 plates. 20s. Vol. 23, Part 1, containing: 1. Contributions to a Knowledge of the Fauna of South-West Africa. iv: A List of the Heteropterous and Homopterous Hemiptera of South-West Africa. By Dr. A. J. Hesse. Pp. 199+8 plates. 12s. 6d. (Cape Town: South African Museum; London: Weldon and Wesley, Ltd.)

Royal Botanic Gardens, Kew. Picture post cards. Set 9: Hardy Trees and Shrubs 6 cards in colour. 1s. Set 10: Stove and Greenhouse Plants. 6 cards in colour. 1s. Set 11: Rhododendrons (*Eriocaulaceae*). 6 cards in colour. 1s. Set 13: Hardy Trees and Shrubs. 6 cards in colour. 1s. (Kew, Surrey: Royal Botanic Gardens.)

Canada. Department of Mines: Mines Branch. Investigations in Ceramics and Road Materials (Testing and Research Laboratories) 1924. Pp. ii+45. (Ottawa: F. A. Acland.)

Dominion of Canada. Report of the Department of Mines for the Fiscal Year ending March 31, 1925. Pp. iii+75. (Ottawa: F. A. Acland.) 15 cents.

Proceedings of the University of Durham Philosophical Society. Vol. 7, Part 2, 1924-1925. Pp. 59-106. (Newcastle-upon-Tyne.) 5s.

Report of the Broadcasting Committee, 1925. (Cmd. 2599.) Pp. 22. (London: H.M. Stationery Office.) 6d. net.

Report of the Royal Commission on the Coal Industry (1925), with Minutes of Evidence and Appendices. Vol. 1: Report. (Cmd. 2600.) Pp. xii+294. (London: H.M. Stationery Office.) 1s. net.

Proceedings of the Royal Society of Edinburgh, Session 1925-1926. Vol. 46, Part 1, No. 9: The Slow Oxidation of Phosphorus Trioxide. Part i: The Action of Water-Vapour on Phosphorus Trioxide. By Dr. Christina Cruickshank Miller. Pp. 76-85. 1s. Vol. 46, Part 1, No. 10: Note on Copper-tinted Flame Caps. By William Cooper. Pp. 86-89. 1s. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.)

National Research Council. Organization and Members, 1925-1926. Pp. 59. (Washington, D.C.: National Academy of Sciences.)

XXXIII Jahresbericht des Sonnbluck-Vereins für das Jahr 1924. Pp. 34. (Wien: Selbstverlag des Sonnbluck-Vereins.)

Tanganyika Territory. Report of the Department of Agriculture for the Year 1924-5. Pp. 45. (Dar es Salaam.)

Agricultural Experiment Station, Kansas State Agricultural College, Manhattan, Kansas. Technical Bulletin 17: Studies of Inheritance and Evolution in Orthoptera. 5: The Grouse Locust, *Apotettix eurycephalus* Hancock. By Robert K. Nabours. Pp. 231. (Manhattan, Kansas.)

Memoirs of the Geological Survey of India. Vol. 51, Part 1: Indian Geological Terminology. By Sir Thomas H. Holland. Pp. iv+184+xx. (Calcutta: Government of India Central Publication Branch.) 2.8 rupees; 4s. 6d.

Verhandlungen des Naturhistorischen Vereins der preussischen Rheinlande und Westfalens. Zweiundachtzigster Jahrgang, 1925. Pp. xii+455+7 Tafeln. (Bonn.)

Report of the Twenty-third Annual Meeting of the South African Association for the Advancement of Science, Oudtshoorn, 1925, July 6-11: Being Vol. 22 of the South African Journal of Science. Pp. xlv+579+21 plates. (Johannesburg.) 80s. net.

Scientific Papers of the Institute of Physical and Chemical Research. No. 41: On the Separation of Germanium. By Isaburo Wada and Seichi Kato. Pp. 243-261. 30 sen. No. 42-43-44: Synthesis of the simplest Homologue of Urushiol, by Sin-iti Kawai; On a new Reaction between Triacetone and Phenol and an improved Method for the Preparation of Triacetone, by Sin-iti Kawai; On the Preparation of Catechol-Ortho-Carboxylic Acid and the Condensation between Catechol and Glycerol, by Sin-iti Kawai. Pp. 263-281. 30 sen. No. 45: The Effect of Atmospheric Humidity on the Dielectric Losses and Power Factors in Fibrous Insulating Materials. By Shoji Setoh and Utsuo Toriyama. Pp. 283-323. 50 sen. No. 46: On the relative Nutritive Value of various Proteins contained in Japanese Food Articles. By Umetaro Suzuki, Yoshihiko Matsuyama and Nabetaro Hashimoto. Pp. 47. 60 sen. No. 47: The Crystal Structure of Iodoform. By Isamu Nitta. Pp. 49-58. 20 sen. No. 49: Radioactive Manganiferous Nodules from Tanokami, Oomi Province. By Satoyasu Iimori. Pp. 79-83. 20 sen. (Tokyo.)

The New University of Reading: some Ideas for which it Stands. By W. M. Childs. Pp. 64. (Reading.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 66: Seasonal Variation in Salinity of Water of some Drains of the First Circle of Irrigation. By R. Aladjem. Pp. 4+5 plates. (Cairo: Government Publications Office.) 5 P.T.

British Research Association for the Woollen and Worsted Industries. Annual Report, 1925. Pp. 27+4 plates. (Headingley, Leeds.)

Clifton College Scientific Society. Report for the Years 1924-25. Pp. 24. (Bristol.)

Diary of Societies.

SATURDAY, MARCH 27.

ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Sir Ernest Rutherford: The Rare Gases of the Atmosphere and their Importance in Atomic Theory (4).

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (Associates and Students Section) (at Neville Hall, Newcastle-upon-Tyne), at 3.—P. S. Lea: Notes on Safety Lamps.—Discussion of Papers by J. T. Pringle: Housing of Workmen; and F. J. Johnston: The Use of Breathing Apparatus in Mines.

TUBERCULOSIS SOCIETY (jointly with Society of Superintendents of Tuberculosis Institutions) (at Cambridge). (Continuation.)

MONDAY, MARCH 29.

ASSOCIATION OF SPECIAL LIBRARIES AND INFORMATION BUREAUX (at Institution of Mechanical Engineers), at 2.30.—To inaugurate the Association.

VICTORIA INSTITUTE (at Central Buildings, Westminster), at 4.30.—Rev. Canon A. Lukyn Williams: The Problem of the Septuagint and Quotations in the New Testament.

INSTITUTE OF ACTUARIES, at 5.—G. H. Recknell: The Bonus Earning Power of a New Business Fund.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Mr. Shattock: Demonstration of Specimens of Pathological Conditions of the Breast.

RAILWAY CLUB (at 65 Belgrave Road, S.W.), at 7.30.—W. J. Mitchellhill: Electricity in Railway Operations.

ROYAL SOCIETY OF ARTS, at 8.—W. F. Higgins: Thermometry (Cantor Lectures) (3).

SOCIETY OF CHEMICAL INDUSTRY (London Section) (at Chemical Society), at 8.—Major T. G. Tulloch: Surface Combustion.

TUESDAY, MARCH 30.

ENGINEERS' CLUB (Manchester), at 1.45.—Annual General Meeting.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Sir Thomas Horder, Bart.: Endocarditis (Lumleian Lectures) (3).

INSTITUTE OF MARINE ENGINEERS, at 6.30.—E. Ford: Some Marine Researches and our Sea Fisheries.

INSTITUTION OF ELECTRICAL ENGINEERS (North-Western Centre) (Annual General Meeting) (at Engineers' Club, Manchester), at 7.—R. B. Matthews: Electro-Farming; or the Application of Electricity to Agriculture.

ILLUMINATING ENGINEERING SOCIETY (at Lighting Service Bureau, 15 Savoy Street), at 7.—H. Lester Groom and others: Discussion on Stage Lighting.

ROYAL PHOTOGRAPHIC SOCIETY (Kinematograph Group), at 7.

RÖNTGEN SOCIETY (at Royal Society of Medicine), at 8.15.—Sir John Thomson-Walker: Radiology in Urinary Surgery (Silvanus Thompson Memorial Lecture).

ROYAL ANTHROPOLOGICAL INSTITUTE (Indian Section), at 8.15.—A. F. Geddes: Some Villages of Western Bengal.

WEDNESDAY, MARCH 31.

NEWCOMEN SOCIETY FOR THE STUDY OF THE HISTORY OF ENGINEERING AND TECHNOLOGY (at 17 Fleet Street), at 5.30.—F. Nasmith: Fathers of the Machine Cotton Industry.—S. Daniloff: Some Unusual American Spinning Wheels.—R. E. Naumburg: Two American Textile Pioneers.

INSTITUTION OF ELECTRICAL ENGINEERS (South Midland Centre) (at Birmingham University), at 7.—E. V. Clark: Power Factor and Tariff.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (Graduate Section) (at Neville Hall, Newcastle-upon-Tyne), at 7.—A. Karl: The Analysis of Wave Making Resistance.

FRIDAY, APRIL 2.

SOCIETY OF CHEMICAL INDUSTRY (Glasgow Section) (at Glasgow), at 7.—Annual Meeting.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (Middlesbrough Branch, Graduate Section) (at Cleveland Scientific and Technical Institution, Middlesbrough), at 7.30.—L. Close: Boilers.

SATURDAY, APRIL 3.

SCOTTISH JUNIOR GAS ASSOCIATION (Annual Meeting) (at Royal Technical College, Glasgow), at 7.—Prof. T. Gray: Address.

PUBLIC LECTURE.

SATURDAY, MARCH 27.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Dr. H. S. Harrison: Early Man and his Wanderings.

CONFERENCE.

TUESDAY, MARCH 30.

ROTHAMSTED EXPERIMENTAL STATION, HARPENDEN, at 11.30 A.M.—The Culture and Manuring of Fodder Crops.—Sir E. J. Russell: Rothamsted Experiments on Root Crops.—W. A. C. Carr: Swedes and Kale.—J. C. Brown: Mixtures for Forage Crops.—C. Heigham: Mangolds and Sugar Beet.

CONGRESS.

APRIL 2 TO 23.

JERUSALEM AND BEIRUT, INTERNATIONAL ARCHAEOLOGICAL CONGRESS.