

Official Publications Received.

Annales de l'Observatoire Royal de Belgique. Troisième Série, Tome 2, fascicule 1. Publié par P. Stroobant. Pp. 74. (Tournai: Imprimerie des Établissements Casterman S.-A.)

Studies from the Plant Physiological Laboratory of Charles University, Prague. Edited by Prof. Dr. B. Němec. Vol. 2, 1924. Pp. 106+5 plates. (Prague.)

Carnegie Institution of Washington: Eugenics Record Office. Bulletin No. 24: Body Build; its Development and Inheritance. By C. B.avenport. Pp. 42. (Cold Spring Harbor, Long Island, N.Y.)

City and County of Kingston upon Hull, the Third Port of the United Kingdom. By T. Sheppard. (British Empire Exhibition, Wembley, 1925: Hull Civic Forinight, July 7th to 20th.) Pp. 40+10 plates. (Hull.)

Memoirs of the National Academy of Sciences. Vol. 20: The American Laks. By William Trelease. Pp. v+255+420 plates. (Washington: Government Printing Office.) 3.25 dollars.

Statens Meteorologisk-Hydrografiska Anstalt. Årsbok, 6, 1924. 2: Nederbörden i Sverige. Pp. 159. (Stockholm.) 5 kr.

Annals of the (Mededelingen van het) Transvaal Museum. Vol. 11, part 2, containing: Native Dolls in the Transvaal Museum, by A. Ladeflugh Brown; 1: Initiation of Girls in the Masiyen District, 'ortuguese East Africa, 2: Note on the Decorations on Carved Wooden 'ood-Bowls from South Chopiland, Portuguese East Africa, 3: On some itual Objects of the Vandau in South Chopiland, Gaza, Portuguese East Africa, by E. Dora Eathry; On the Development of the "Epipubis" f *Xenopus*, by Dr. C. G. S. de Villiers. Pp. 99-135+plates 9-26. Cambridge: Printed at the University Press.)

Department of the Interior: U.S. Geological Survey. Bulletin 751: Contributions to Economic Geology (Short Papers and Preliminary Reports), 1923-24. Part 2: Mineral Fuels. Pp. vi+321-326. Bulletin 60-C: Erosion by Solution and Fill. By Willis T. Lee. (Contributions to the Geography of the United States, 1923-24.) Pp. ii+107-121+plates 3-30. Bulletin 780-A: The Melrose Phosphate Field, Montana. By R. W. Richards and J. T. Pardee. (Contributions to Economic Geology, 1925, Part 1.) Pp. iv+32+2 plates. Water-Supply Paper 520-F: Temperature of Water available for Industrial Use in the United States. By W. D. Collins. (Contributions to the Hydrology of the United States, 1923-1924.) Pp. ii+97-104+plates 8-11. Water-Supply Paper 520-G: Some Floods in the Rocky Mountain Region. By Robert Follansbee and Paul V. Hodges. (Contributions to the Hydrology of the United States, 1923-1924.) Pp. ii+105-129+iv. Water-Supply Paper 523: Surface Water Supply of the United States, 1921. Part 3: Ohio River Basin. Pp. vi+316+2 plates. 80 cents. Water-Supply Paper 531: Surface Water Supply of the United States, 1921. Part 11: Pacific Slope Basins in California. Pp. vii+304+2 plates. 25 cents. Water-Supply Paper 536: Surface Water Supply of the New-Kanawha River Basin, West Virginia, Virginia and North Carolina. Pp. iv+282+2 plates. 35 cents. Water-Supply Paper 539: Geology and Ground-Water Resources of Townsend Valley, Montana. By J. T. Pardee. Pp. iv+61+2 plates. 15 cents. (Washington: Government Printing Office.)

Spisy vydavane Pfirodovědeckou Fakulitou Masarykovy Univerzity (Publications de la Faculté des Sciences de l'Université Masaryk). Cis. 47: System vodních toků na základě odtoku (Le système des eaux courantes d'après leur débit d'eau). Napsal Dr. Fr. Koláček. Pp. 97. Cis. 48: Bromonoyakain (La brome-novocaine). Napsali J. Frelka a J. Vitha. Pp. 22. Cis. 49: On the Growing Reactions, produced by the Change of Hydrogen-Ion Concentration in Germinating Roots of *Pharbitis hispida* Choisy. By Ferd. Herčík. Pp. 21. Cis. 50: Sur les probabilités géométriques. Par B. Hostinský. Pp. 26. Cis. 51: Výklad vzniku krátkých elektromagnetických vln v elektronových lampach (An Explanation of the Origin of Short Electromagnetic Waves in Valves). Napsal Dr. Josef Sahánek. Pp. 28. Cis. 53: La valeur osmotique et la réaction actuelle de l'eau du Golfe de Villefranche, à quel point sont elles constantes? Par Vladimir Morávek. Pp. 11. Cis. 54: Studie o inteligenci kočky, 2 (Studies on the Intelligence of the Cat, 2). Napsal Dr. Vladimir Teyrovský. Pp. 48. (Brno.)

British Museum (Natural History). Famous Naturalists. Series No. 1, Set H.2. 10 post cards in monochrome. (London: British Museum (Natural History).) 1s.

Bulletin of the American Museum of Natural History. Vol. 52, Art. 2: Scientific Results of the Expedition to the Gulf of California in Charge of C. H. Townsend, by the U.S. Fisheries Steamship *Albatross*, in 1911. 15: The Amphipoda collected by the United States Fisheries Steamer *Albatross* in 1911, chiefly in the Gulf of California. By Clarence R. Shoemaker. Pp. 21-61. (New York.)

The Iwata Institute of Plant Biochemistry. Publication No. 1: Untersuchungen über den Japanlack. Von Prof. Rikō Majima. Pp. x+154+3 Tafeln. (Tokyo.) 2.50 dollars.

Scientific Papers of the Institute of Physical and Chemical Research. Nos. 24-25: X-ray Analysis of the Solid Solutions of Potassium Chloride and Potassium Bromide, by T. Sasahara; X-ray Analysis of Electrolytic Brass, by H. Nakamura. Pp. 277-292. 35 sen. No. 26: On the Mercury Line 2270Å (1S-2p₁). By T. Takamine and M. Fukuda. Pp. 293-298. 25 sen. No. 27: Condensation of Nitriles with Thiamides. 4: Thiamide with Aniliminoclorides. By S. Ishikawa. Pp. 299-304. 25 sen. (Tokyo: Komagome, Hongo.)

Meddelelser fra Kommissionen for Havundersøgelser. Serie Fiskeri, Bind 7, Nr. 7: On the Fishery of the Greenlanders. By Ad. S. Jensen. Pp. 89. 3 kr. Serie Fiskeri, Bind 7, Nr. 8: On the Influence of the Currents upon the Frequency of the Mackerel in the Kattegat and adjacent parts of the Skagerrak. By Dr. A. C. Johansen. Pp. 26. (København: C. A. Reitzel.)

New South Wales. Department of Mines: Geological Survey. Mineral Resources No. 33: The Gypsum Deposits of New South Wales. By Leo J. Jones. Pp. 45+14 plates. 2s. 6d. Bulletin No. 13: Chromium, Cobalt, Nickel; Zirconium, Titanium, Thorium, Cerium. By H. G. Raggatt. Pp. 17. 1s. Bulletin No. 14: Asbestos, Emery, Fluorspar, Fuller's Earth, Graphite, Phosphates, Talc, and Soapstone. By H. G. Raggatt. Pp. 31. 1s. Bulletin No. 15: Diatomite; Siliceous Earths and Sands. By E. J. Kenny. Pp. 18. 1s. (Sydney: Alfred James Kent.)

Lady Minto's Indian Nursing Association. Report for 1924. Pp. 167. (Simla.)

Year-Book of the Department of Agriculture, Ceylon, 1925. Pp. ii+52+8 plates. (Peradeniya, Ceylon.)

University of Illinois Engineering Experiment Station. Bulletin No. 147: Investigation of Antennae by Means of Models. By Prof. J. Tykocinski-Tykociner. Pp. 60. (Urbana, Ill.) 35 cents.

New York Zoological Society. Report of the Director of the Aquarium. (Reprinted from the Twenty-ninth Annual Report of the New York Zoological Society.) Pp. 15. (New York.)

The Scientific Proceedings of the Royal Dublin Society. Vol. 18, N.S., Nos. 5-9. 5: The Interpretation of certain Empirical Standards in their Application to Irish Butter, by George Brownlee; 6: The Theory of Variation of Flow in Pipe-lines with Surge Chambers consequent on Variation of Load on Hydraulic Turbines operated Therefrom, by H. H. Jeffcott; 7: The Variations in the Quantity of Food required by Cattle for Maintenance and Fat Production with different Kinds of Rations, by James Wilson; 8: The Identity of Vitamin A. The Comparative Effects of Human and Cow's Milk, by Harold Pringle; 9: On the Photo-electric Measurement of Submarine Illumination, by H. H. Poole. Pp. 49-115. (Dublin: Royal Dublin Society; London: Williams and Norgate, Ltd.) 5s.

Report of the Fourth International Seed Testing Congress: Compte rendu du 4^{ème} Congrès international d'essais de semences: Bericht über den IV Internationalen Kongress für Samenprüfung: in/à Cambridge England, 7-12 VII 1924. Pp. 227. (London: H.M. Stationery Office.) 11s. 6d. net.

Diary of Societies.

SATURDAY, JULY 18.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (at Town Hall, Folkestone), at 11 A.M.—A. E. Nichols: Municipal Works at Folkestone.—E. C. Fawcett: Folkestone's New Sea Outfall Works.

BIOCHEMICAL SOCIETY (jointly with the Agricultural Education Association) (at University College, Reading), at 5.—Prof. R. H. A. Plimmer: The Action of Nitrous Acid upon Amides and some Amino Compounds.—W. J. N. Burch: Some Esters of Phosphoric Acid.—Mattick and Wright: The Influence of Administration of certain Salts on the Inorganic Constituents of Milk.—E. Ponder and W. W. Taylor: The Conductivity of Cell-suspensions.—G. D. Thacker and J. R. Marris: The State of Calcium in Body Fluids.

MONDAY, JULY 20.

ROYAL SANITARY INSTITUTE (at Edinburgh), at 5.—Sir John Gilmour, Bart.: Inaugural Address.

TUESDAY, JULY 21.

ROYAL SANITARY INSTITUTE (at Edinburgh), at 10 A.M.—Meetings of Sections and Conferences: Sanitary Science, Industrial Hygiene, Engineers and Surveyors, Sanitary Inspectors.—At 8 P.M.—Sir Leslie Mackenzie: The Problem of Psycho-physical Fitness (Lecture). BRITISH MEDICAL ASSOCIATION (Annual Meeting) (at Bath).

WEDNESDAY, JULY 22.

ROYAL SANITARY INSTITUTE (at Edinburgh), at 10 A.M.—Meetings of Sections and Conferences: Sanitary Science, Personal and Domestic Hygiene, Representatives of Sanitary Authorities, Medical Officers of Health. BRITISH MEDICAL ASSOCIATION (Annual Meeting) (at Bath).

THURSDAY, JULY 23.

ROYAL SANITARY INSTITUTE (at Edinburgh), at 10 A.M.—Meetings of Sections and Conferences: Engineering and Architecture, Maternity and Child Welfare (including School Hygiene), Port Sanitary Authorities, Veterinary Inspectors, Health Workers.—At 8 P.M.—Dr. C. Porter: The Citizen and the Citizen's Health (Popular Lecture). BRITISH MEDICAL ASSOCIATION (Annual Meeting) (at Bath).

FRIDAY, JULY 24.

ROYAL SANITARY INSTITUTE (at Edinburgh), at 10 A.M.—Meetings of Sections and Conferences: Engineering and Architecture, Maternity and Child Welfare (including School Hygiene), Veterinary Inspectors, Health Visitors.

ROYAL ASTRONOMICAL SOCIETY, at 4.30.—Special General Meeting. ARISTOTELIAN SOCIETY, MIND ASSOCIATION, AND OXFORD PHILOSOPHICAL SOCIETY (Joint Session) (at Balliol College, Oxford), at 5.—Annual General Meeting of the Mind Association.—At 8.30.—Prof. H. Wildon Carr, Prof. A. Wolf, and Prof. C. Spearman: Symposium: The Nature of Intelligence. BRITISH MEDICAL ASSOCIATION (Annual Meeting) (at Bath).

SATURDAY, JULY 25.

ARISTOTELIAN SOCIETY, MIND ASSOCIATION, AND OXFORD PHILOSOPHICAL SOCIETY (Joint Session) (at Balliol College, Oxford), at 10 A.M.—C. R. Morris, Dr. Dorothy Wrinch, and Prof. L. J. Russell: Symposium: The Concept of Energy.—At 2.30.—Dr. Ivy Mackenzie: The Biological Basis of the Sense of Time.—At 8.30.—Prof. J. A. Smith, Prof. A. D. Lindsay, and Dr. F. C. S. Schiller: Symposium: Croce's Theory of the Practical Nature of Science.

SUNDAY, JULY 26.

ARISTOTELIAN SOCIETY, MIND ASSOCIATION, AND OXFORD PHILOSOPHICAL SOCIETY (Joint Session) (at Balliol College, Oxford), at 2.30.—P. E. More, Prof. W. D. Ross, and Prof. G. Dawes Hicks: Symposium: Plato and Aristotle.—At 8.30.—J. MacMurray, C. E. M. Joad, and A. H. Hannay: Symposium: Is Art a form of Expression or of Apprehension?