

THÉODORE MONOD: The geological constitution of the Mauritanian Adrar.

ALEXANDRE GUILLERD and **PIERRE ETRILLARD**: The persistence of fluorescein in the soil. The influence of ferruginous formations.

NICOLAS STOYKO: The periodicity in the irregularity of the rotation of the earth.

ARTHUR BRUNEL and **ROBERT ECHEVIN**: The evolution of nitrogen, appearance of allantoinase and of urease in the germination of rust (*Agrostemma Githago*).

JOSEPH LEFÈVRE: The reversal of polarity produced in cuttings of *Salix*.

A. GUIEYSSÉ-PELLISSIER: The presence of striated muscular fibre in the pulmonary arteries of the rat and the mouse.

MAURICE VILLARET, **HENRI BÉNARD**, **LOUIS JUSTIN BESANCON** and **Mlle ANDRÉE ABADI**: The mathematical study of the kinetics of hæmolysis (kinelysis).

LÉON KÉPINOV: The antiglycogenolytic action of insulin.

RENÉ SALGUES: Nutrient leucocytosis in reptiles in bad conditions of captivity.

JEAN LOISELEUR: The adsorption of polypeptides by proteins. The behaviour of a solution of peptone.

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1760 (2458 and 2459): Progress of Experiments in Aero-Engine Exhaust Silencing. By A. W. Morley. Pp. 18. 2s. 6d. net. No. 1761 (2362): The Stress in Certain Tubes of Rectangular Cross Section under Torque. By D. Williams. Pp. 34. 4s. 6d. net. No. 1766 (2607): Experiments on a Sphere at Critical Reynolds Numbers. By A. Fage. Pp. 20. 3s. net. No. 1771 (2722): Tests of Four Airscrew Sections in the Compressed Air Tunnel. By D. H. Williams, A. F. Brown and E. Smyth. Pp. 20. 3s. net. No. 1774 (2675): Aerodynamic Characteristics of Tapered Wings with Flaps and Slots. By Dr. S. H. Hollingdale. Pp. 43. 6s. net. No. 1779 (2693): Experiments on the Use of a Static Tube in the Wing Wake and a Short Pitot Tube in the Leading Edge as an Airspeed Indicator. By the Aerodynamics Staff, R.A.E. Pp. 6. 1s. net. (London: H.M. Stationery Office.) [258]

Other Countries

Government Museum, Trivandrum. Administration Report for the Year 1111 M.E. Pp. 8. A concise Guide for Visitors. Pp. 8. (Trivandrum: Government Museum.) [188]

U.S. Treasury Department: Coast Guard. Bulletin No. 19: The Marion and General Green Expeditions to Davis Strait and Labrador Sea under direction of the United States Coast Guard 1928-1931-1933-1934-1935. Scientific Results, Part 2: Physical Oceanography. Pp. vi+259. (Washington, D.C.: Government Printing Office.) 75 cents. [188]

Report of the Kodaikanal Observatory for the Year 1936. Pp. 4. (Delhi: Manager of Publications.) 3 annas; 4d. [198]

Madras Fisheries Department. Administration Report for the Year 1935-36. By Dr. B. Sundara Raj. Pp. iii+68+3. (Madras: Government Press.) 8 annas. [198]

Meteorological Office. Note No. 17: Climatic Notes—New Zealand Districts. By Dr. E. Kidson. Pp. 32. (Wellington: Government Printer.) [238]

Statens Meteorologisk-Hydrografiska Anstalt. Tillgörs Årsbok 18, 1936. Årsberättelse för 1936. Pp. 19. Årsbok 18, 1936. 1. Månadsöversikt över väderlek och vattentillgång. Pp. 76. 2.50 kr. (11s.) Norderbörden i Sverige. Pp. 15. 2.50 kr. (Stockholm: Statens Meteorologisk-Hydrografiska Anstalt.) [238]

Anales del Museo Argentino de Ciencias naturales. Antropología, Etnología y Arqueología, Publicación No. 73: Fuéguidos y Lagüdos, posición actual de la raza Paleo-americana o de Lagoa Santa. Por J. Imbelloni. Pp. 79-104. Publicación No. 79: Deformación del cráneo en la región de los Atacamenes y Diaguitas. Por el Prof. Ricardo E. Latcham. Pp. 105-124. (Buenos Aires: Museo Argentino de Ciencias naturales.) [238]

Report of the Botanical Survey of India for 1935-36. Pp. 11. (Calcutta: Government of India Press.) [238]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 105: Investigations on the Associated Growth of Herbage Plants. By H. C. Trumble, T. H. Strong and R. E. Shaper. Pp. 40+10 plates. Bulletin No. 106: Investigations on "Spotted Wilt" of Tomatoes. 3: Infection in Field Plots. By Dr. J. G. Bald. Pp. 32. (Melbourne: Government Printer.) [238]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 2: Trends in Secondary Education. Pp. vi+44. 10 cents. Pamphlet No. 71: An Annotated Bibliography on the Education and Psychology of Exceptional Children. Prepared by Elise H. Martens and Florence E. Reynolds. Pp. iii+42. 10 cents. (Washington, D.C.: Government Printing Office.) [238]

Classified List of Smithsonian Publications available for Distribution, August 10, 1937. (Publication 3394.) Pp. vi+35. (Washington, D.C.: Smithsonian Institution.) [238]

Smithsonian Miscellaneous Collections. Vol. 96, No. 1: Archeology of St. Lawrence Island, Alaska. By Henry B. Collins, Jr. (Publication 3411). Pp. xi+431+84 plates. (Washington, D.C.: Smithsonian Institution.) [238]

Proceedings of the United States National Museum. Vol. 84, No. 3017: Revision of the North American Species of Ichneumon-Flies of the Genus *Exctastes* Gravenhorst. By R. A. Cushman. Pp. 243-312+plates 16-21. Vol. 84, No. 3018: A Revision of the Clapper Rails (*Rallus longirostris* Boddaert). By Harry C. Oberholser. Pp. 313-354. Vol. 84, No. 3019: Moths of the Genus *Rupela* (Pyralidae: Schoenobiinae). By Carl Heinrich. Pp. 355-388+plates 22-33. (Washington, D.C.: Government Printing Office.) [238]

Nyasaland Protectorate. Annual Report of the Forestry Department for the Year ended 31st December 1936. Pp. 18. (Zomba: Government Printer.) [238]

Publikationer fra det Danske Meteorologiska Institut. Communications magnétiques, etc., No. 18: Contribution à la connaissance de l'effet magnétique de l'électrification des chemins de fer. Par Dr. Edm. Hoge. Pp. 11. (København: G. E. C. Gad.) [238]

Mauritius Institute Bulletin. Vol. 1, Part 2: Revised Catalogue of the Testaceous Mollusca of Mauritius and its Dependencies. By R. Viader. Pp. xiii+111. (Port Louis: Government Printer.) [238]

Bernice P. Bishop Museum. Bulletin 143: Revision of the Polynesian Species of *Peperomia*. By T. G. Yuncker. Pp. 73. Bulletin 144: Polynesian Botanical Bibliography, 1773-1935. By E. D. Merrill. Pp. 194. Bulletin 145: Ethnology of Uvea (Wallis Island). By Edwin G. Burrows. Pp. 176+8 plates. Bulletin 147: The Genus *Gouardia* (Rubiaceae). By F. Raymond Fosberg. Pp. 82+3 plates. Bulletin 149: Report of the Director for 1936. By Peter H. Buck (Te Rangī Hiroa). Pp. 33. (Honolulu: Bernice P. Bishop Museum.) [248]

Nutrition. Final Report of the Mixed Committee of the League of Nations on the Relation of Nutrition to Health, Agricultural and Economic Policy. (Official No.: A.13.1937.II.A.) Pp. 327. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 7s. 6d. [248]

Proceedings of the California Academy of Science. Fourth Series. Vol. 23, No. 9: Mammals of Death Valley. By Joseph Grinnell. Pp. 115-169. (San Francisco: California Academy of Sciences.) [248]

Forthcoming Event

FARADAY SOCIETY, September 13-15.—General discussion on "Reaction Kinetics" to be held in the University of Manchester.

Appointments Vacant

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:

ASSISTANT LECTURER AND A DEMONSTRATOR IN ELECTRICAL ENGINEERING in the Imperial College of Science and Technology (City and Guilds College), Prince Consort Road, S.W.7—Secretary (September 13).

ASSISTANT LECTURER IN ELECTRICAL ENGINEERING in the Manchester Municipal College of Technology—The Registrar (September 20).

LECTURER IN PHYSICAL CHEMISTRY (Grade II) in the University of Bristol—Secretary and Registrar (September 24).

SOIL CHEMIST for the Rubber Research Scheme, Agalawatta, Ceylon—The Chairman (November 15).

INSPECTORS OF MINES in the Colonial Mines Service—The Director of Recruitment (Colonial Service), 2 Richmond Terrace, Whitehall, S.W.1.

Official Publications Received

Great Britain and Ireland

Forestry Commission. Special Leaflet No. 1: Pit-Props. Pp. 8. (London: Forestry Commission.) [178]

Iron and Steel Institute. Special Report No. 18: Reports upon Blast-Furnace Field Tests. 1: An Investigation of a Blast-Furnace smelting principally Lincolnshire Ores at the Frodingham Works of the Appleby-Frodingham Steel Co. Ltd. Pp. v+98. 10s. Special Report No. 19: Foamed Blast-Furnace Slag. By Dr. T. W. Parker. Pp. v+32. 5s. (London: Iron and Steel Institute.) [208]

Forestry Commission. Bulletin No. 14: Forestry Practice; a Summary of Methods of Establishing Forest Nurseries and Plantations with Advice on other Forestry Questions for Owners and Agents. Revised edition. Pp. 99. (London: H.M. Stationery Office.) 1s. 6d. net. [238]

The Journal of the Institute of Metals. Vol. 60. Edited by G. Shaw Scott. Pp. 456+59 plates. (London: Institute of Metals.) [238]

Air Ministry: Meteorological Office. Southport Auxiliary Observatory (the Fernley Observatory of the Corporation of Southport). Annual Report, and Results of Meteorological Observations, for the Year 1936. By Alfred Goodwill. Pp. 32. (Southport: Fernley Observatory; London: Air Ministry.) [238]