

**EMILE THELLIER**: The determination of the direction of permanent magnetization of rocks. An improved method for marking the direction of the piece of rock before removing from the soil for examination in the laboratory.

**PIERRE BERTHAULT**: The specific origin of the potato.

**JULIEN COSTANTIN**: Remarks on the preceding communication.

**AD. DAVY DE VIRVILLE**: The flora of some Anglo-Norman reefs.

**EMILE BRUMPT**: The receptivity of various domestic and wild birds to the parasite *Plasmodium gallinaceum* of the domestic fowl. The transmission of this hæmatozoa by the mosquito *Stegomyia fasciata*.

## Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

### Monday, November 16

UNIVERSITY COLLEGE, LONDON, at 5.—Mrs. P. Tookey Kerridge: "The Physiology of Hearing and Speech" (succeeding lectures on November 23, 30 and December 7).\*

UNIVERSITY OF LONDON INSTITUTE OF EDUCATION, at 5.30.—Prof. José Castillejo: "Education and Revolution in Modern Spain" (succeeding lectures on November 18 and 25).\*

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, at 5.30.—Prof. W. Bullock, F.R.S.: "The Development of Bacteriology with an Account of some of the Pioneers who made it a Science" (Heath Clark Lectures. Succeeding lectures on November 18, 23, 25 and 27).\*

ROYAL SOCIETY OF ARTS, at 8.—Prof. E. V. Appleton, F.R.S.: "Some Problems of Atmospheric Physics" (Cobb Lectures. Succeeding lectures on November 23 and 30).

GEOGRAPHICAL SOCIETY, at 8.30.—Sir Eric Teichman: "The Motor Route from Peking to Kashgar".

### Tuesday, November 17

EUGENICS SOCIETY, at 5.15.—(at the Linnean Society, Burlington House, Piccadilly, W.1).—W. T. J. Gun: "The Heredity of the Royal Caste".\*

### Wednesday, November 18

ROYAL MICROSCOPICAL SOCIETY, at 5.30.—J. E. Barnard, F.R.S., and F. V. Welch: "Microscopy with Ultra-Violet Light".

### Thursday, November 19

UNIVERSITY COLLEGE, LONDON, at 5.30.—E. Ford: "The Nation's Fish Supply" (Buckland Lectures. Succeeding lectures on November 26 and December 3).\*

CHEMICAL SOCIETY, at 8.—Discussion on "Mesomerism in Organic Chemistry" to be opened by Prof. C. K. Ingold, F.R.S.

ASSOCIATION OF SCIENTIFIC WORKERS, at 8.—(in the Mathematics Lecture Theatre, Huxley Building, Royal College of Science, South Kensington, S.W.7).—Public meeting and discussion on: "Defence and the Responsibilities of the Scientist"; speakers to include Prof. S. Chapman, F.R.S., and Air Commodore L. E. O. Charlton.

### Friday, November 20

INSTITUTE OF CHEMISTRY, at 8.—Prof. John Read, F.R.S.: "A Chapter in the Chemistry of Essential Oils" (Street-feld Memorial Lecture).

ROYAL INSTITUTION, at 9.—H. G. Wells: "World Encyclopædia".

## Official Publications Received

### Great Britain and Ireland

- The North Staffordshire Field Club. Transactions and Annual Report, 1935-36. Vol. 70. Pp. 98+A183-A212+3 plates. (Stoke-on-Trent: North Staffordshire Field Club.) 7s. 6d. [2210]
- The Journal of the Institute of Metals. Vol. 53. Edited by G. Shaw Scott. Pp. 325+30 plates. 31s. 6d. Metallurgical Abstracts (General and Non-Ferrous.) Vol. 2 (New Series). Edited by G. Shaw Scott. Pp. vii+889. £4, including 2 "Proceedings" vols. (London: Institute of Metals.) [2310]
- University of London: University College. Calendar, Session 1936-1937. Pp. lxxx+582+26. (London: Taylor and Francis.) [2310]
- Seventeenth Annual Report of the Ministry of Health, 1935-36. (Cmd. 5287.) Pp. vi+318. (London: H.M. Stationery Office.) 5s. net. [2310]
- Philosophical Transactions of the Royal Society of London. Series B, No. 536: Genetical and Taxonomic Investigations in the Genus *Enothera*. By Prof. R. Ruggles Gates. Pp. 239-355. (London: Harrison and Sons, Ltd.) [2310]
- The Journal of the Society for the Bibliography of Natural History. Vol. 1, Part 1: A Catalogue of Papers concerning the Dates of Publication of Natural History Books. By Francis J. Griffin, C. Davies Sherborn and H. S. Marshall. Pp. 30. (London: Society for the Bibliography of Natural History.) 7s. 6d. [2410]
- Annals of the Solar Physics Observatory, Cambridge. Vol. 4, Part 2: On some Spectrograms of Nova Persei, 1901, by Prof. F. J. M. Stratton; Vol. 4, Part 3: Nova Aquilæ 1918, a Discussion of the Development of the Band Structure, by Dr. E. S. Pearson; Vol. 4, Part 4: The Absorption Spectrum of Nova Herculis 1934, the First Phase, by Prof. F. J. M. Stratton. Pp. vii+75-161+10 plates. (Cambridge: At the University Press.) 15s. net. [2610]
- Speech Institute Pamphlet No. 1: Speech Tunes, Emphasis in Speech, Sounds of Connected Speech. Three Articles by Barbara Storey. Pp. 21. (London: Speech Fellowship and Institute, Ltd.) 7d. [2710]
- Department of Scientific and Industrial Research. Report of the Forest Products Research Board for the Year 1935. Pp. vi+78+6 plates. (London: H.M. Stationery Office.) 2s. net. [2910]

### Other Countries

- Memoirs of the India Meteorological Department. Vol. 26, Part 6: Typhoons and Indian Weather. By V. Doraiswamy Iyer. Pp. ii+93-130+10 plates. (Delhi: Manager of Publications.) 1.10 rupees; 2s. 9d. [2610]
- Canada: Department of Mines: National Museum of Canada. Bulletin No. 80 (Geological Series, No. 53): Revision of the Genus *Calappaia* Billings. By Ian Cox. Pp. ii+49 (4 plates). (Ottawa: King's Printer.) 25 cents. [2610]
- Canada: Department of Mines: Bureau of Economic Geology, Geological Survey. Memoir 189: Carmacks District, Yukon. By H. S. Bostock. (No. 2413.) Pp. ii+67+5 plates. 25 cents. Memoir 190: Geology and Mineral Deposits at the Mine of B.C. Nickel Mines, Limited, Yale District, B.C. By H. C. Horwood. (No. 2414.) Pp. ii+15+1 plate. 10 cents. Memoir 192: Gold Occurrences of Ontario East of Lake Superior. By E. D. Kindie. (No. 2416.) Pp. vi+167+1 plate. 50 cents. Memoir 193: Mining Industry of Yukon, 1935. By H. S. Bostock. (No. 2417.) Pp. iii+12. 10 cents. Memoir 195: Mineral Deposits in Renfrew County and Vicinity. By B. C. Freeman. (No. 2419.) Pp. ii+34+1 plate. 25 cents. (Ottawa: King's Printer.) [2610]
- Annual Report for the Year 1935 of the South African Institute for Medical Research, Johannesburg. Pp. 91+2 plates. (Johannesburg: South African Institute for Medical Research.) [2610]
- The Rockefeller Foundation: International Health Division. Annual Report 1935. Pp. iv+286. (New York: Rockefeller Foundation.) [2810]
- Annual Report of the Board of Regents of the Smithsonian Institution showing the Operations, Expenditures and Condition of the Institution for the Year ending June 30, 1935. (Publication 3348.) Pp. xiv+580+95 plates. (Washington, D.C.: Government Printing Office.) 1 dollar. [2810]
- Indian Science Abstracts (Being an Annotated Bibliography of Science in India), 1935. Part 1. Pp. 174. (Calcutta: National Institute of Sciences in India.) 7.8 rupees. [2810]
- Bibliography of Doctorate Theses in Science and Arts accepted by Indian Universities from January 1930. Issued by the Inter-University Board, India. Pp. 22. (Bangalore: Bangalore Press.) [2810]
- Coconut Research Scheme. Annual Report for 1935. Pp. 52. (Lunuwila: Coconut Research Scheme.) [2910]
- Advisory Department of the Imperial College of Tropical Agriculture. Report on the Department of Agriculture, St. Lucia, 1935. Pp. v+54. (St. Lucia: Government Printing Office.) 6d. [2910]
- Report of the Haffkine Institute for the Years 1932-35. By Lieut.-Col. S. S. Sokhey. Pp. ii+209. (Bombay: Government Printing and Stationery Office; London: High Commissioner for India.) 12 annas; 1s. 3d. [2910]
- Statens Meteorologisk-Hydrografiska Anstalt. Meddelanden, Serien Uppsatsen. No. 2: Axel Wallén. Av Gustaf Slettenmark. Pp. 208-217. No. 4: Sunshine and Radiation, Mount Nordenskiöld, Spitsbergen. By Hilding Olsson. Pp. 93-118. No. 5: Jordtemperaturer i Bestånd av Ollka Täthet. Av Anders Ångström. (Soil Temperature in Stands of Different Densities.) Pp. 187-218. No. 6: Vindhastighetens dagliga Gång vid Några Svenska Stationer. Av Walter Persson. Pp. 12. No. 7: On the Turbidity of Polar Air. By Olof Tryselius. Pp. 10. No. 8: Effective Radiation during the Second International Polar Year. Pp. 22. (Stockholm: Statens Meteorologisk-Hydrografiska Anstalt.) [3110]
- Bulletin of the Madras Government Museum. New Series, General Section, Vol. 3, Part 2: An Outline of Indian Temple Architecture. By Dr. F. H. Gravely. Pp. ii+22+1 plate. (Madras: Government Press.) 12 annas. [2110]