

## Forthcoming Events

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

Tuesday, October 18

EUGENICS SOCIETY (at the Royal Society), at 5.15.—Dr. J. A. Fraser Roberts: "Intelligence and Family Size".\*

Wednesday, October 19

SOCIETY FOR THE STUDY OF ALCHEMY AND EARLY CHEMISTRY (at University College, London), at 8.—Dr. R. J. Forbes: "Bitumen and Petroleum in Antiquity".\*

Thursday, October 20

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, at 5.30.—Prof. H. Cramér: "Problems Connected with the Analysis of Statistical Times Series" (succeeding lectures on October 21 and 24).\*

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—Dr. A. P. M. Fleming: Inaugural Address.

BRITISH INSTITUTE OF RADIOLOGY, at 8.—W. E. Schall: "British Radiology in the Future" (Presidential Address).

Friday, October 21

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—D. E. Roberts: Presidential Address.

## Appointments Vacant

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

METALLURGIST under the Director of Scientific Research, War Office—The Permanent Under-Secretary of State for War (C.4), War Office, London, S.W.1 (October 17).

ASSISTANT (grade I—physics) at the Chemical Defence Experimental Station, Porton—The Chief Superintendent, Chemical Defence Research Department, 14 Grosvenor Gardens, London, S.W.1 (October 26).

TECHNICAL ASSISTANT in the Chemical Section, Research Station, Long Ashton, Bristol—The Director (October 27).

SENIOR METEOROLOGICAL OFFICERS in the Department of Industry and Commerce, Eire—The Secretary, Civil Service Commission, 45 Upper O'Connell Street, Dublin (October 28).

PRINCIPAL of the Rutherford Technical College, Newcastle-upon-Tyne—The Director of Education, City Education Office, Northumberland Road, Newcastle-upon-Tyne, 2 (October 29).

TECHNICAL OFFICER and ASSISTANTS (grade II) in the Meteorological Office—The Under-Secretary of State (S.2.A.), Air Ministry, Adastral House, Kingsway, W.C.2 (October 31).

LECTURER IN CHEMISTRY in the University of Cape Town—The Secretary, Office of the High Commissioner for the Union of South Africa, Trafalgar Square, London, W.C.2 (November 5).

LECTURER IN PHYSICS in the School of Science, Khartoum—The Controller, Sudan Government London Office, Wellington House, Buckingham Gate, London, S.W.1 (November 10).

ASSISTANT KEEPER in GEOLOGY in the British Museum (Natural History), London, S.W.7—The Secretary (December 1).

PROFESSOR OF AERONAUTICS in the University of Sydney—The Secretary, Universities Bureau of the British Empire, 88A, Gower Street, London, W.C.1.

ASSISTANT LECTURER and DEMONSTRATOR in ZOOLOGY in King's College of Household and Social Science, Campden Hill Road, London, W.8—The Secretary.

## Reports and other Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Department of Scientific and Industrial Research. Index to the Literature of Food Investigation. Vol. 9, No. 4, March 1938. Compiled by Agnes Elisabeth Glennie, assisted by Gwen Davies. Pp. v+281-422. (London: H.M. Stationery Office.) 4s. 6d. net. [279]

East African Agricultural Research Station, Amani. Tenth Annual Report, 1st April 1937—31st December 1937. (Colonial No. 151.) Pp. 40. (London: H.M. Stationery Office.) 1s. net. [289]

University of Bristol and Wiltshire County Council. An Agricultural and Soil Survey of the Bromham District of Wiltshire. By A. W. Ling, W. T. Price and L. D. C. McLees. Pp. 28+ xv. (Bristol: The University.) 2s. 6d. [289]

Forest Bibliography to 31st December 1933. Part 3, C: Forest Protection. Pp. iv+201-274. (Oxford: Department of Forestry, The University.) 12s. 6d. [410]

British Electrical and Allied Manufacturers' Association. Some Information. Eleventh (new and revised) edition. Pp. 46. (London: British Electrical and Allied Manufacturers' Association.) Free. [410]

### Other Countries

Cornell University: Agricultural Experiment Station. Bulletin 690: The Black-Spot Disease of Roses, and its Control under Greenhouse Conditions. By E. W. Lyle. Pp. 32. Bulletin 692: The Silver-Scurf Disease of Potatoes. By O. D. Burke. Pp. 30. Bulletin 696: Economic Studies of Dairy Farming in New York. 13: 100 Grade A Farms in the Tully-Homer Area, Crop Year 1936. By E. G. Misner. Pp. 60. Bulletin 698: Economic Studies of Dairy Farming in New York. 14: Factors affecting Premiums received in Grade-A-Milk Production. By E. G. Misner. Pp. 28. Bulletin 699: The Influence of the Central Rural School on Community Organization. By Eugene T. Stromberg. Pp. 40. Bulletin 700: An Economic Study of the Marketing of Western New York Potatoes by Motor Truck. By P. J. Findlen. Pp. 52. Memoir 212: Determination of Stringiness in Celery. By Denzel S. Curtis. Pp. 20. Memoir 213: Some Interrelationships between Soil Characteristics, Water Tables, Soil Temperature, and Snow Cover in the Forest and adjacent Open Areas in South-Central New York. By J. N. Spaeth and C. H. Diebold. Pp. 76. Memoir 214: Investigations in Plot Technique with Small Grains. By H. H. Love and W. T. Craig. Pp. 26. (Ithaca, N.Y.: Cornell University.) [269]

Tanganyika Territory: Department of Lands and Mines, Geological Division. Bulletin No. 10: Explanation of the Geology, Degree Sheet No. 1 (Karagwe Tinfields). By G. M. Stockley and G. J. Williams. Pp. 96+6 plates+3 maps. 5s. Short Paper No. 19: The Geology of the Country around Mpwapwa. By Dr. B. N. Temperley. Pp. 61+6 plates+1 map. 4s. Annual Report, 1937. Pp. 31. 1s. 6d. (Dar es Salaam: Government Printer.) [269]

Tanganyika Territory: Department of Agriculture. Pamphlet No. 20: Sisal Experiment Station Report for the Year 1937. Pp. 20. 6d. Pamphlet No. 21: Reports from the General Experimental Farms, 1937. Pp. 40. 1s. Annual Report, 1937. Part 1. Pp. 46. 2s. 6d. (Dar es Salaam: Government Printer.) [269]

British East African Meteorological Service. Annual Report for the Year 1937. Pp. 42. (Nairobi: Meteorological Service Press.) [269]

The Rockefeller Foundation: International Health Division. Annual Report, 1937. Pp. vi+243. (New York: The Rockefeller Foundation.) [289]

Veröffentlichungen des Geophysikalischen Instituts der Universität Leipzig. Zweite Serie: Spezialarbeiten aus dem Geophysikalischen Institut und Observatorium. Band 9, Heft 3: Die 10 tägige Luftdruckwelle im Sommer 1934 und ihre Dämpfungerscheinungen. Von Rolf Pfau. Pp. 219-272. Band 9, Heft 4: Singularitäten der Zyklonenfrequenz in einzelnen 5°-10°-Feldern. Von Gertraud Richter. Pp. 273-322. Band 9, Heft 5: Geomagnetische Untersuchungen in Nordwest-Sachsen und Nordost-Thüringen. Von Robert Lauterbach. Pp. 323-368. Band 10: Bericht zur 25-Jahr-Feier des Geophysikalischen Instituts der Universität Leipzig. Das Geophysikalische Observatorium. Von L. Weickmann, P. Mildner, H. Lettau, G. Fritzschke, R. Lauterbach. Pp. 172. Band 10, Anhang 2: Das Horizontaldoppelpendel. Von Heinz Lettau. Pp. 83-142. Band 11, Heft 1: Untersuchungen über die Meteorologie der Staubaufwinden. Von Martin Röttschke. Pp. 78. Band 11, Heft 2: Symmetriepunkt und Wetterkartensymmetrie. Von Fritz Model. Pp. 79-152. Band 11, Heft 3: Über die Existenz langsame Luftdruckschwankungen auf der rotierenden Erde. Von Walter Wünsche. Pp. 153-200. (Leipzig: Geophysikalische Institut der Universität.) [289]

Die in den Jahren 1931 bis 1935 in Leipzig und im Observatorium am Collenberg aufgezeichneten Erdbeben: IV Bericht der Erdbebenwarte des Geophysikalischen Instituts der Universität Leipzig, zugleich letzter Bericht dieser Serie. Von L. Weickmann und P. Mildner. Pp. 205-346+4 plates. (Leipzig: S. Hirzel.) [289]

10 Jahre Institut für Chemische Forschung (Kaiserliche Universität Kyoto), 1925-1935. Pp. iv+185. (Kyoto: Imperial University.) [309]

Hong Kong Nature Series. Orchids, First Twenty. By G. A. C. Herklots. Pp. 62+15 plates. Flowering Shrubs and Trees, First Twenty. By G. A. C. Herklots. Pp. 34+13 plates. Flowering Shrubs and Trees, Second Twenty. By G. A. C. Herklots. Pp. 45+11 plates. (Hong Kong: The Author, The University.) [410]

Common Marine Food-Fishes of Hong Kong: 40 Species described in English and Chinese (with European and Chinese Recipes). By G. A. C. Herklots and S. Y. Lin. Pp. 75. (Hong Kong: The Authors, The University.) [410]

Report of the Aeronautical Research Committee, Tōkyō Imperial University. No. 165: On the Mechanism of Emitting Singing Sounds from Revolving Marine Propellers. By Kōzi Satō and Yutaka Kohasi. Pp. 273-298. 45 sen. No. 166: Performance Calculations on the Kōken Long-range Monoplane. By Hidemasa Kimura. Pp. 299-386. 1.35 yen. No. 167: On the Transition from Laminar to Turbulent Flow in the Boundary Layer of a Sphere. By Susumu Tomotika and Isao Imai. Pp. 387-424. 55 sen. (Tōkyō: Kōgyō Toshō Kabushiki Kaisha.) [410]

Pasteur Institute of India. The Thirty-sixth Annual Report of the Director of the Institute for the Year 1936, Part 2. Pp. 48. (Kasauli: Pasteur Institute of India.) [410]

Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series A, No. 43: Suitability of Two Cottons for Purposes of Mill Mixings in relation to their Fibre Characters. By Dr. Nazir Ahmad and Dr. K. R. Sen. Pp. ii+28. (Bombay: Indian Central Cotton Committee.) 1 rupee. [410]

Year-Book of the Royal Asiatic Society of Bengal. Vol. 2, 1936. Pp. 229. (Calcutta: Royal Asiatic Society of Bengal.) 5.10 rupees. [410]