

## Forthcoming Events

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

Monday, October 11

UNIVERSITY COLLEGE, LONDON, at 5.—Dr. Phyllis Tookey Kerridge: "The Physiology of Hearing and Speech" (succeeding lectures on October 18, 25 and November 1)\*.

Tuesday, October 12

UNIVERSITY OF LONDON (at the Institution of Electrical Engineers, Victoria Embankment, W.C.2), at 5.30.—Prof. Erwin Meyer: "Electro-Acoustics" (succeeding lectures on October 13, 15, 18 and 20)\*.

ILLUMINATING ENGINEERING SOCIETY (at the Lighting Service Bureau, 2 Savoy Hill, W.C.2), at 5.30.—Dr. S. English: Presidential Address.

Thursday, October 14

INSTITUTE OF FUEL (at the Geological Society, Burlington House, W.1), at 2.30. Sir Philip Dawson: "Coal: the Next Step" (Presidential Address).

At 3.30.—Prof. Morris W. Travers: "The Study of Gases" (Melchett Lecture).

CHADWICK PUBLIC LECTURE (at Manson House, 26 Portland Place, W.1), at 5.30.—Prof. W. A. Osborne: "The Study of Nutrition".\*

CENTRAL HALL, LONDON, S.W.1, October 13-5. General Discussion on Lubrication and Lubricants.

## Appointments Vacant

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

CHIEF LECTURER IN ELECTRICAL ENGINEERING in the West Ham Municipal College, Romford Road, Stratford, E.15—The Principal (October 9).

TWO ASSISTANT KEEPERS on the Higher Technical Staff of the Science Museum, South Kensington, London, S.W.7—The Director (October 11).

CIVILIAN EDUCATION OFFICER (Grade III—engineering or physics) in the Royal Air Force Educational Service—The Air Ministry (E.S.1), Adastral House, Kingsway, London, W.C.2 (October 15).

TWO ASSISTANT TEACHERS OF MECHANICAL AND MARINE ENGINEERING in the Liverpool City Technical College—The Director of Education, 14 Sir Thomas Street, Liverpool, 1 (October 16).

HEAD OF THE CHEMISTRY DEPARTMENT of Swansea Technical College—The Director of Education, The Guildhall, Swansea (October 18).

ECONOMIST to the Ministry of Agriculture and Fisheries—The Secretary, Ministry of Agriculture and Fisheries, 10 Whitehall Place, S.W.1 (October 18).

HEAD OF THE CHEMISTRY DEPARTMENT of Northampton Polytechnic, St. John Street, London, E.C.1—The Principal (October 31).

LECTURER IN THERMO-CHEMISTRY in the Imperial College of Science, Prince Consort Road, South Kensington, S.W.7—The Secretary (November 8).

WATERWORKS ENGINEER for the Government of Nigeria—Crown Agents for the Colonies, 4 Millbank, London, S.W.1 (quote M/5346).

HEAD OF CHEMISTRY AND APPLIED CHEMISTRY DEPARTMENT of Salford Royal Technical College—The Director of Education, Education Office, Chapel Street, Salford, 3.

ASSISTANT in the Intelligence Section of the Mineral Resources Department of the Imperial Institute, London, S.W.7—The Establishment Officer.

## Official Publications Received

### Great Britain and Ireland

Air Raid Precautions. Memorandum No. 5: Anti-Gas Training. (Issued by the Home Office, Air Raid Precautions Department.) Pp. 28. (London: H.M. Stationery Office.) 4d. net. [219]

Report of a Joint Committee of the Chemical Society, the Faraday Society, and the Physical Society, on Symbols for Thermodynamical and Physico-Chemical Quantities and Conventions relating to their Use. Pp. 16. (London: Chemical Society.) 6d. [229]

Technical Publications of the International Tin Research and Development Council. Series D, No. 3: Mechanical Properties of some Tin Bronzes. By Dr. H. Lepp. Pp. 11. (London: International Tin Research and Development Council.) Free. [239]

Higher Education in East Africa: Report of the Commission appointed by the Secretary of State for the Colonies. (Colonial No. 142.) Pp. 136. (London: H.M. Stationery Office.) 2s. 6d. net. [239]

Report of Operations and Proceedings under the Land Drainage Act, 1930, from the passing of that Act (1st August 1930) to 31st March 1937. Pp. iv+75. (London: H.M. Stationery Office.) 1s. 6d. net. [239]

Annual Report of the Director of the Meteorological Office presented by the Meteorological Committee to the Air Council for the Year ended March 31, 1937. (M.O. 418.) Pp. 56. (London: H.M. Stationery Office.) 1s. net. [239]

Mines Department. Sixteenth Annual Report of the Secretary for Mines for the Year ended 31st December 1936, and the Twenty-ninth Annual Report of H.M. Chief Inspector of Mines for the same Period, with a Statistical Appendix to both Reports. Pp. 246. (London: H.M. Stationery Office.) 4s. net. [239]

The Royal Scottish Society of Arts. Pp. 24. (Edinburgh: Royal Scottish Society of Arts.) [249]

Post Office Green Papers. No. 36: Post Office (London) Railway. By Major W. G. Carter. Pp. 22+12 plates. (London: General Post Office.) [289]

### Other Countries

U.S. Department of Agriculture. Technical Bulletin No. 562: Some Moisture Relations of the Soils from the Erosion Experiment Stations. By L. B. Olmstead. Pp. 45. (Washington, D.C.: Government Printing Office.) 10 cents. [189]

Commonwealth of Australia. Report of the Eighth Australian Cancer Conference held at Canberra, 13th-16th April 1937. Pp. 66. (Canberra: Commonwealth Government Printer.) [189]

Annual Report of the Public Health Commissioner with the Government of India for 1935. Vol. 2. Pp. v+145. (Delhi: Manager of Publications.) 1.6 rupees; 2s. 6d. [189]

Colony and Protectorate of Kenya: Forest Department. Annual Report for the Year ended 31st December 1936. Pp. 34. (Nairobi: Government Printer; London: Crown Agents for the Colonies.) 1s. [209]

Kenya Colony and Protectorate: Department of Agriculture. Annual Report, 1936. Vol. 1. Pp. ii+184. (Nairobi: Government Printer; London: Crown Agents for the Colonies.) 2s. 6d. [209]

Annual Report of the All-India Institute of Hygiene and Public Health, Calcutta, 1936. Pp. ii+48. (Calcutta: Government of India Press.) [219]

Southern Rhodesia: Geological Survey. Bulletin No. 32: The Geology of the Umtali Gold Belt. By A. E. Phaap. Pp. iv+186+15 plates. (Salisbury: Government Stationery Office.) 5s. [219]

Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Jaarverslag 1933. Pp. 27. Regenwaarnemingen in Nederlandseh-Indië. Zeven en vijftigste Jaargang 1935. Pp. 129. (Batavia: Koninklijk Magnetisch en Meteorologisch Observatorium.) [219]

Transactions of the Geological Society of South Africa. Annexure to Vol. 39: The Pioneers in South African Geology and their Work. By A. W. Rogers. Pp. ii+139+8 plates. (Johannesburg: Geological Society of South Africa.) [219]

Cooper Ornithological Club. Pacific Coast Avifauna, No. 25: The Natural History of Magpies. By Jean M. Linsdale. Pp. 234. (Berkeley, Calif.: Cooper Ornithological Club.) [219]

Ministerio da Agricultura: Serviço Geológico e Mineralógico. Relatório do Director de 1º de Janeiro a 31 de Julho 1933. Pp. 48. Boletim N. 84: Brachiopodos do Rio Parauary. Por Aristomenes Guimarães Duarte. Pp. 44+7 plates. Boletim N. 85: Prospecção magnética no norte de Santa Catharina. Por Mark C. Malampuy, H. Capper A. De Souza, Irnaek C. Do Amaral. Pp. 24+19 plates. Monographias, Vol. 11: O cretaceo de Sergipe. Pela Dra. Carlotta Joaquina Maury. Pp. 283. Album des estampas da Monographia N. 11. Pp. xxxv+28 plates. Publicação Avulsa 29: A político do Ouro. Por Euzébio Paulo de Oliveira. Pp. 46. (Rio de Janeiro: Departamento Nacional da Produção Mineral.) [249]

Publications of the Dominion Observatory, Ottawa. Vol. 12: Bibliography of Seismology. No. 14: Items 3479-3565, April, May, June 1937. By Ernest A. Hodgson. Pp. 289-300. (Ottawa: King's Printer.) 25 cents. [249]

Memoirs of the Faculty of Science and Agriculture, Taihoku Imperial University. Vol. 18, No. 10 (Mathematics No. 25): Beiträge zur Geometrie der Kreise und Kugeln, 19. Von Sôzi Matamura. Pp. 229-240. (Taihoku: Taihoku Imperial University.) [249]

India Meteorological Department. Scientific Notes, Vol. 7, No. 72: Normal Monthly Percentage Frequencies of Surface and Upper Winds up to 3 km. at Allahabad, Begumpet, Delhi, Sambalpur, Sandaway, Slichar and Victoria Point. Pp. 35-58. 12 annas; 1s. 3d. Scientific Notes, Vol. 7, No. 73: Daily Variations of Temperature and Pressure at Different Levels over Agra associated with passage of Western Disturbances. By S. P. Venkiteshwaran. Pp. 59-64+7 plates. 12 annas; 1s. 3d. (Delhi: Manager of Publications.) [279]

Imperial Council of Agricultural Research, India. Scientific Monograph No. 11: Investigations on the Course and Distribution of the Nerves supplying Levator Anguli Scapuli and Rhomboideus Muscles and the Formation of the Phrenic Nerve in the Ox, with Observations on certain Anatomical Deviations. By H. N. Chelva Ayyangar. Pp. v+60+57 plates. (Delhi: Manager of Publications.) 4.10 rupees; 7s. 9d. [279]

Annual Report on the Departments of Agriculture, Malaya, for the Year 1936. By O. T. Faulkner. Pp. iv+81. (Kuala Lumpur: Government Printer.) 1 dollar; 2s. 4d. [279]