

FORTHCOMING EVENTS

(Meeting marked with an asterisk is open to the public)

Saturday, September 30

SHEFFIELD METALLURGICAL ASSOCIATION (at 198 West Street, Sheffield 1), at 2.30 p.m.—Prof. F. C. Thompson: "Some Fundamental Work on Austempering and the Isothermal Transformation of Austenite".

Monday, October 2

SOCIETY OF CHEMICAL INDUSTRY (YORKSHIRE SECTION) (at the Metropole Hotel, King Street, Leeds), at 6 p.m.—Dr. A. L. Roberts: "Drying by Infra-Red Radiation".

Tuesday, October 3

CHADWICK LECTURE (at the Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1), at 2.30 p.m.—The Rt. Hon. Lord Amulree: "Water Supplies in Peace and War".

Wednesday, October 4

INSTITUTE OF FUEL (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 2.30 p.m.—Dr. H. R. Fehling: "Thermal Insulation".

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON (at 41 Queen's Gate, South Kensington, London, S.W.7), at 3.30 p.m.—Mr. E. D. Eyles: Film of House-Flighting on Ceiling.

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 2.15 p.m.—Inaugural Meeting of the Micro-chemical Group; at 3 p.m.—Dr. Janet W. Matthews: "The Development of Micro Methods in Analytical Chemistry"; at 3.45 p.m.—Dr. A. A. Houghton: "The Micro-determination of Carbon by Wet Combustion".

Thursday, October 5

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Sir Harry Railing: Inaugural Address.

Friday, October 6

ASSOCIATION OF APPLIED BIOLOGISTS (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 11.30 a.m.—Dr. J. W. Evans: "Applied Biology in Tasmania"; Dr. C. B. Williams: "Applied Entomology in South America".

Saturday, October 7

GEOLOGISTS' ASSOCIATION (at the Geological Society of London, Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Mr. A. D. Lacaille: "The Northward March of Palaeolithic Man in Britain".

APPOINTMENTS VACANT

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

ASSISTANT LECTURER AND DEMONSTRATOR IN GEOLOGY, with special qualifications in Mineralogy and Petrology—The Registrar, University College of South Wales, Cardiff (October 2).

PATENT AGENT of British nationality, preferably specializing in Electronics, by a well-established firm (subjects: mechanism, control apparatus, electronics)—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. F.2592.XA) (October 2).

PRINCIPAL of the Oldham Municipal Technical College—The Director of Education, Education Offices, Union Street West, Oldham (October 6).

PSYCHIATRIST (part-time) at the Child Guidance Clinic—The Chief Education Officer, Education Offices, York (October 7).

ASSISTANT MASTER with qualifications in CHEMISTRY at the Portsmouth Junior Technical School (evacuated to Salisbury)—The Education Offices, Northern Secondary School, Mayfield Road, Portsmouth (October 7).

LECTURER for ENGINEERING SUBJECTS to take two of the following: Preliminary Mathematics, Technical Drawing, General Science, in the Southampton Technical School—The Secretary, Education Office, Civic Centre, Southampton (October 7).

ASSISTANT (temporary) TO THE ADVISORY BACTERIOLOGIST—The Secretary, Edinburgh and East of Scotland College of Agriculture, 13 George Square, Edinburgh 8 (October 7).

BOROUGH ELECTRICAL ENGINEER—The Town Clerk, Municipal Offices, High Wycombe, Bucks. (October 9).

SENIOR ASSISTANT DRAINAGE AND IRRIGATION ENGINEER (Reference No. E.902.A), and a JUNIOR ASSISTANT DRAINAGE AND IRRIGATION ENGINEER (Reference No. E.903.A) by the Sierra Leone Government—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting the appropriate Reference No.) (October 9).

ASSISTANT PLANT ENGINEER (Graduate in Chemical or Electrical Engineering, with experience in Design, Installation and Operation of Chemical Engineering Plant, including Small Electric Furnaces) in the Midlands—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. C.2222.XA) (October 9).

SPEECH THERAPIST (full-time) for duties in the areas of the Bridgewater, Taunton and Yeovil Education Committees—The Clerk to the Taunton Borough Education Committee, Education Office, Municipal Buildings, Taunton (October 9).

ASSISTANT LECTURER (full-time) IN MINING in the Cannock Chase Mining College—The Director of Education, County Education Offices, Stafford (October 9).

LECTURER IN ENGINEERING IN WEST AFRICA—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.836.A) (October 15).

LECTURER IN PHARMACEUTICAL SUBJECTS in the School of Pharmacy—The Principal, Leicester College of Technology and Commerce, Leicester (October 19).

RESEARCH OFFICER in the Institute for Research in Agricultural Economics—The Secretary, Institute for Research in Agricultural Economics, Parks Road, Oxford (October 23).

TEACHER OF MATHEMATICS, mainly for work in the Day Technical School for Boys and in Day Classes for apprentices in the Technical Institute—The District Secretary, Kent Education Committee, 13 Tonbridge Road, Maidstone.

MASTER (or MISTRESS) to teach MATHEMATICS, chiefly in the Day Technical School for Boys—The Principal, Technical Institute, Tunbridge Wells, Kent.

CHIEF OF THE DEVELOPMENT DEPARTMENT—The Secretary, British Cast Iron Research Association, Alvechurch, Birmingham.

PHYSICIST OR PHYSICAL CHEMIST (young, man or woman) for research work on the Rheology of Dairy Products, especially Cheese—The Secretary, National Institute for Research in Dairying, Shinfield, Berks.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Scientific Proceedings of the Royal Dublin Society. Vol. 23 (N.S.), Nos. 17-26: Ascorbic Acid, Part 2, Factors Determining Stability in Aqueous Solution, by Einhart Kawerau and W. R. Fearon; Ascorbic Acid, Part 3, The Ascorbic Acid Content of Fruits and Vegetables Grown in Eire, by Einhart Kawerau; The Chemical Constituents of Lichens found in Ireland—*Cladonia sylvatica* (L.) Harm. emend. Sandst., by T. W. Breaden, Dr. J. Keane and Dr. T. J. Nolan; Sea Trout of the Waterville (Currane) River, by Arthur E. J. Went; Reaction of *p*-Dimethylaminobenzaldehyde with Aromatic Amino Compounds, by A. E. A. Werner; The Gametophytes of *Podocarpus andinus*, by W. J. Looby and J. Doyle; Report of the Radium Committee for the Year 1943: Studies in Peat, Part 11, Peat-Tar Oils, by J. Reilly, Patrick Moynihan and Desmond Reilly; Studies in Peat, Part 12, Mona Wax (Irish Peat Wax) and Emulsification, by J. C. Aberne and J. Reilly; Fertilization and Early Embryogeny in *Podocarpus andinus*, by W. J. Looby and J. Doyle. Pp. 171-270+plates 6-14. 15s. Vol. 23 (N.S.), No. 27: A Molecular Constant for Sour Milk, 3, Very Old Samples. By J. J. Ryan. Pp. 271-272. n.p. Vol. 23 (N.S.), No. 28: Observations on a Severe Strain of Potato Virus X. By Phyllis E. M. Clinch. Pp. 273-299+plates 15-17. 4s. 6d. Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd. [59]

Cambridge Joint Advisory Committees. Syllabuses for Examinations taken by Sixth Form Pupils in Physics and Chemistry. Pp. 16. (London: Cambridge University Press.) 6d. [129]

Other Countries

Cornell University Agricultural Experiment Station. Bulletin 796: Wong, a Winter Barley for New York. By H. H. Love and W. T. Craig. Pp. 16. Bulletin 800: Consumer Demand for Apples and Oranges. By W. E. Black. Pp. 44. Bulletin 801: Regional Markets in New York State. By V. H. Nicholson. Pp. 48. Bulletin 803: Factors that Affect Incomes on Commercial Poultry Farms, 1940-41. By Lawrence B. Darrah. Pp. 40. Memoir 252: Lysimeter Experiments. 5: Comparative Effects of Ammonium Sulfate and Sodium Nitrate on Removal of Nitrogen and Calcium from the Soil. By J. A. Bizzell. Pp. 24. Memoir 253: Nitrous Acid and the Loss of Nitrogen. By J. K. Wilson. Pp. 36. Memoir 254: Comparative Study of Mouth Parts of Representative Hemiptera—Homoptera. By F. H. Butt. Pp. 20+8 plates. (Ithaca, N.Y.: Cornell University Agricultural Experiment Station.) [88]

New South Wales: Department of Public Instruction, Technical Education Branch. Curator's Annual Report of the Technological Museum for the Year ended 31st December 1943. Pp. 4. (Sydney: Government Printer.) [148]

Australasian Antarctic Expedition, 1911-14. Scientific Reports, Series A, Vol. 5: Macquarie Island, its Geography and Geology. By Sir Douglas Mawson, based mainly on the Records of Leslie Russel Blake. Pp. 194 (37 plates). (Sydney: Government Printer.) [158]

Report and Accounts of the National Botanic Gardens of South Africa, Kirstenbosch Newlands, Cape (and the Karoo Garden, Whitehill, near Matjiesfontein) for the Year ending 31st December 1943. Pp. 12. (Kirstenbosch: National Botanic Gardens.) [158]

U.S. Department of State. Publication 2137: The Cultural-Cooperation Program, 1938-1943. Prepared by Haldore Hanson. Pp. 71. (Washington, D.C.: Government Printing Office.) 15 cents. [158]

Indian Central Jute Committee. Technological Research Pamphlet No. 1: The Preparation and Spinning of Flax on Jute Machinery. By A. S. Gillies and C. R. Nodder. Pp. 8. (Calcutta: Indian Central Jute Committee.) 4 annas; 6d. [178]

Post-War Forest Policy for India. A Note by Sir Herbert Howard. Pp. iv+49. (New Delhi: Government of India Press.) [178]

U.S. Office of Education: Federal Security Agency. Leaflet No. 70: Federal Government Funds for Education 1940-41 and 1941-42. Pp. iv+36. (Washington, D.C.: Government Printing Office.) 10 cents. [218]

Bernice P. Bishop Museum. Bulletin 179: Arts and Crafts of the Cook Islands. By Te Rangī Hiroa (Peter H. Buck). Pp. 534+16 plates. Bulletin 182: Report of the Director for 1943. By Peter H. Buck (Te Rangī Hiroa). Pp. 30. (Honolulu: Bernice P. Bishop Museum.) [218]