

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. G. A. Schnellmann and Mr. J. D. Willson: "Lead-Zinc Mineralization in North Derbyshire"; Mr. E. W. O. Dawson: "War-time Treatment of the Lead-Zinc Dumps situated at Nenthead, Cumberland".

LONDON MATHEMATICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. J. H. C. Whitehead, F.R.S.: "Maps of 3-Dimensional Spheres on 2-Dimensional Spheres".

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 8 p.m.—Annual General Meeting; Brigadier Sydney Smith: "Prisoner of War Camps in the Middle East".

### Friday, June 20

INSTITUTE OF PHYSICS, INDUSTRIAL SPECTROSCOPIC GROUP (joint meeting with the SCOTTISH BRANCH OF THE INSTITUTE OF PHYSICS, and the SPECTROGRAPHIC DISCUSSION GROUP, Glasgow, in the University, Glasgow), at 9.30 a.m.—Dr. R. L. Mitchell and Dr. R. O. Scott: "The Spectrographic Analysis of Non-Conducting Powders in the Carbon Arc"; at 2 p.m.—Dr. E. W. H. Selwyn: "The Photographic Aspect of Spectroscopy"; at 3.30 p.m.—Mr. G. P. Mitchell and Mr. P. Popper: "The Use of the Multiplier in Emission Spectroscopy".

## APPOINTMENTS VACANT

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

LECTURER IN MATHEMATICS, and a LECTURER IN CHEMISTRY—The Principal, Central Technical College, Suffolk Street, Birmingham 1 (June 21).

LECTURER IN MATHEMATICS—The Registrar, Technical College, Sunderland (June 21).

SENIOR ASSISTANT IN MECHANICAL ENGINEERING, a SENIOR ASSISTANT IN METALLURGY, a RESPONSIBLE LECTURER IN STRUCTURAL ENGINEERING, a LECTURER IN GENERAL CHEMISTRY, and a LECTURER IN MECHANICAL ENGINEERING, at the Constance Technical College—The Director of Education, Education Offices, Middlesbrough (June 21).

LECTURER IN PHYSICS—The Clerk to the Governors, Royal Technical College, Peel Park, Salford 5 (June 21).

LECTURER IN MINING AND ENGINEERING SUBJECTS—The Principal, Technical Institute, Clowne, Chesterfield (June 21).

LECTURER IN APPLIED MATHEMATICS at the Ipswich School of Technology—The Chief Education Officer, 17 Tower Street, Ipswich (June 21).

LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, and a LECTURER IN BIOLOGY AND HORTICULTURE, at the City Technical College, Liverpool—The Director of Education, 14 Sir Thomas Street, Liverpool 1 (June 21).

GRADUATE LECTURER with good qualifications in Physics, at the Oldham Municipal Technical College—The Director of Education, Education Offices, Oldham (June 21).

ASSISTANT LECTURER IN CHEMISTRY (Physical)—The Registrar, The University Reading (June 23).

LECTURER IN THE DEPARTMENT OF PHYSIOLOGY, and LECTURERS (2) IN THE DEPARTMENT OF AGRICULTURE (with special training, experience, and knowledge of animal and dairy husbandry, and of crop and grassland husbandry)—The Secretary, The University, Aberdeen (June 26).

LECTURER IN THE DEPARTMENT OF NATURAL HISTORY, and a LECTURER IN SOIL SCIENCE—The Secretary, The University, Aberdeen (June 28).

ASSISTANT LECTURERS (2) IN THE DEPARTMENT OF ENGINEERING—The Registrar, University College, Singleton Park, Swansea (June 28).

EXPERIMENTAL OFFICER to assist in metabolism studies in animal nutrition and routine analysis, an EXPERIMENTAL OFFICER with considerable knowledge of micro-chemical and microbiological methods, and an EXPERIMENTAL OFFICER with experience in routine analysis of foodstuffs, blood and excreta—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire (June 28).

LECTURER IN BIOLOGY, and a LECTURER IN CHEMISTRY—The Clerk to the Governors, Woolwich Polytechnic, Woolwich, London, S.E.18 (June 28).

LECTURER IN THE MATHEMATICS DEPARTMENT—The Principal, Heriot-Watt College, Edinburgh (June 30).

SPEECH THERAPIST—The Director of Education, City Education Office, Northumberland Road, Newcastle-upon-Tyne 1 (June 30).

LECTURER IN CROP HUSBANDRY AND FARM MACHINERY, and an ASSISTANT LECTURER IN BIOCHEMISTRY—The Registrar, The University, Leeds 2 (June 30).

SENIOR LECTURER, a LECTURER or ASSISTANT LECTURER, and an ASSISTANT LECTURER or DEMONSTRATOR, IN THE DEPARTMENT OF GLASS TECHNOLOGY—The Registrar, The University, Sheffield (July 1).

ASSISTANT LECTURER IN CHEMISTRY, an ASSISTANT LECTURER IN GEOGRAPHY, a LECTURER IN GEOLOGY, an ASSISTANT LECTURER IN MATHEMATICS, and a STATISTICIAN (Lecturer's grade) attached to the Department of Mathematics—The Registrar, University College, Hull (July 2).

DEPUTY TO THE CITY ANALYST—The Medical Officer of Health, Public Health Department, Leeds, endorsed "Deputy City Analyst" (July 5).

TECHNICAL OFFICER—The Secretary, Research Association of British Rubber Manufacturers, 105 Lansdowne Road, Croydon (July 5).

RESEARCH ASSISTANT IN AGRICULTURAL ECONOMICS—The Professor of Agricultural Economics, The University, 7 Redlands Road, Reading (July 15).

PROFESSOR OF PHYSICS, and a PROFESSOR OF CHEMISTRY—The Registrar, Indian Association for the Cultivation of Science, 210 Bowbazar Street, Calcutta, India (July 30).

PRINCIPAL OF VICTORIA UNIVERSITY COLLEGE, Wellington, New Zealand—The Secretary, Universities Bureau of the British Empire, 8 Park Street London, W.1 (July 31).

CHAIR OF PHARMACOLOGY—The Registrar, The University, Sydney, Australia (July 31).

PROFESSOR OF PHYSICS—The Registrar, The University, Allahabad, U.P., India (August 31).

UNIVERSITY GRADUATES and QUALIFIED TEACHERS for short-service commissions of 3, 4 or 5 years in the Education Branch of the Royal Navy—The Director, Education Department, Admiralty London, S.W.1.

EXPERIMENTAL OFFICER IN THE SPECTROGRAPHIC DEPARTMENT—The Secretary, Macaulay Institute for Soil Research, Craigiebuckler, Aberdeen.

LECTURER IN GEOGRAPHY—The Principal and Clerk to the Governing Body, Wigan and District Mining and Technical College, Wigan. SOIL TECHNOLOGIST by the Government of Iraq—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.14628.

PHYSICISTS for research work in thermionic emission and high vacuum work, electronics, electrical and magnetic instruments, and industrial process control—The Director and Secretary, British Scientific Instrument Research Association, 26 Russell Square, London, W.C.1.

LABORATORY TECHNICIAN (Grade II) FOR CHEMISTRY DEPARTMENT—The Secretary, Medical School, Guy's Hospital, London Bridge, London, S.E.1.

TECHNICAL ABSTRACTOR—The Director, Motor Industry Research Association, Great West Road, Brentford, Middx.

LECTURER IN RADIOLOGY in the Department of Anatomy, and an ASSISTANT LECTURER IN EMBRYOLOGY—The Secretary, University College, Gower Street, London, W.C.1.

REGISTRAR—The Registrar, University College, Exeter. SENIOR LECTURERS IN (a) AERONAUTICS, (b) APPLIED MECHANICS, (c) CHEMICAL ENGINEERING, and LECTURERS (Grade I) in (a) CIVIL ENGINEERING, (b) MECHANICAL ENGINEERING, (c) APPLIED MECHANICS—The Secretary, Royal Technical College, Glasgow.

GRADUATE IN ENGINEERING, with industrial experience, for work up to Higher National Certificate standard in Mechanical Engineering—The Principal, Technical College, Kendrick Hall, Stroud, Glos.

LECTURER IN CHEMISTRY, and a LECTURER IN MATHEMATICS—The Principal, Technical College, Kingston Hall Road, Kingston-upon-Thames, Surrey.

LECTURER IN MATHEMATICS, and a LECTURER IN ZOOLOGY—The Principal, Guildford County Technical College, Stoke Park, Guildford, Surrey.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Careers in the Gas Industry. Pp. 72. (London: Institution of Gas Engineers, 1946.) 2s. 6d. [14]

Agricultural Organisation and Marketing, Today and Tomorrow: Paper read to the Dublin University Commerce and Economic Society, Trinity College, Dublin, 3rd December 1946. By Thomas Shaw. Pp. 26. (London: The Author, Brettenham House, Lancaster Place, W.C.2, 1946.) [14]

Thorley's Farmer's Diary and Almanack, 1947. Pp. 48. (London: Joseph Thorley, Ltd., 1947.) 6d. [15]

Medical Research Council. Special Report Series, No. 255: Chemotherapeutic and other Studies of Typhus. By M. van den Ende, C. H. Stuart-Harris, F. Fulton and J. S. F. Niven, with C. H. Andrews, A. M. Begg, W. J. Eilford, M. H. Gleason White, W. L. Hawley, K. C. Mills, F. Hamilton and C. C. Thomas. Pp. ii + 246 + 11 plates. (London: H. M. Stationery Office, 1946.) 12s. 6d. net. [16]

Department of Scientific and Industrial Research: Chemistry Research. Special Report No. 5: Bituminous Coatings for the Protection of Iron and Steel against Corrosion, with special reference to Tar Coatings and Marine Conditions. By R. St. J. Preston. Pp. iv + 39. (London: H.M. Stationery Office, 1946.) 1s. net. [16]

### Other Countries

Institut pour l'Encouragement de la Recherche scientifique dans l'Industrie et l'Agriculture. Rapport Annuel, Exercice 1945. Pp. 79. (Bruxelles: Institut pour l'Encouragement de la Recherche scientifique dans l'Industrie et l'Agriculture, 1946.) [81]

Indian Central Cotton Committee. Description of Cotton Varieties. By K. Ramiah. Pp. 28 + 7 maps. (Bombay: Indian Central Cotton Committee, 1946.) 2 rupees. [81]

New Zealand State Forest Service. Annual Report of the Director of Forestry for the Year ended 31st March 1946. Pp. 68. (Wellington: Government Printer, 1946.) [81]

Abridged Scientific Reports of the Imperial Agricultural Research Institute, New Delhi, for the Triennium ended 30th June 1944. Pp. 85. (Delhi: Manager of Publications, 1946.) 2.8 rupees; 4s. [81]

U.S. Department of Agriculture. Leaflet No. 149: Silverfish. By E. A. Back. Pp. 4. 5 cents. Leaflet 182: Housefly Control. By F. C. Bishopp and L. S. Henderson. Revised edition. Pp. 9. 5 cents. (Washington, D.C.: Government Printing Office, 1946.) [81]

American Association for the Advancement of Science and Associated Societies. General Program of the Sixth Boston Meeting, the 113th Meeting of the Association, December 26, 1946, to December 31, 1946. Pp. 222. (Boston, Mass.: American Association for the Advancement of Science, 1946.) [81]

Yale Anthropological Studies. Vol. 4: Bibliography of Indonesian Peoples and Cultures. By Raymond Kennedy. Pp. 212. (New Haven, Conn.: Yale University Press; London: Oxford University Press, 1945.) 16s. 6d. net. [81]