

## FORTHCOMING EVENT

Thursday, September 3

UNIVERSITY OF MANCHESTER (in the Physical Laboratories, Manchester).—Discussion on "Meteors" (to be opened by Dr. F. L. Whipple).

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER (temporary), and a DEMONSTRATOR, IN THE DEPARTMENT OF BOTANY—The Registrar, The University, Leeds 2 (September 10).

DEMONSTRATOR IN CHEMISTRY AND BIOCHEMISTRY with a special interest in Physical Chemistry—The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (September 11).

ASSISTANT LECTURERS (3) IN THE DEPARTMENT OF CIVIL ENGINEERING, to assist in the subjects of Theory of Structures and Fluid Mechanics—The Professor of Civil Engineering, City and Guilds College, South Kensington, London, S.W.7 (September 13).

LECTURER (woman) IN GEOGRAPHY, and an ASSISTANT LIBRARIAN (man or woman)—The Warden, Goldsmiths' College, New Cross, London, S.E.14 (September 14).

TECHNICAL ASSISTANT (man or woman, Grade B) for experimental research work in the Zoology Department—The Registrar, University College of North Wales, Bangor (September 15).

LECTURER IN EXPERIMENTAL PHARMACOLOGY—The Secretary, The University, Aberdeen (September 15).

LECTURER IN BOTANY at Farouk I University, Alexandria—The Director, Egyptian Education Bureau, 4 Chesterfield Gardens, London, W.1 (September 15).

RESEARCH OFFICERS (4), ASSISTANT RESEARCH OFFICERS (5), and RESEARCH ASSISTANTS (3), in the Board of Trade—The Secretary, Civil Service Commission, Burlington Gardens, London, W.1, quoting No. 2267 (September 16).

RESEARCH ASSISTANT (with Honours Degree in Botany and, if possible, some practical experience in Horticulture) to work on Strawberry Breeding—The Secretary, School of Agriculture, Cambridge (September 25).

ASSISTANT LECTURERS (2) IN ANATOMY—The Secretary, University College, Gower Street, London, W.C.1 (September 25).

DEPUTY CURATOR at the Horniman Museum, London Road, London, S.E.25—The Education Officer (Estab/2), County Hall, Westminster Bridge, London, S.E.1 (September 30).

CONTROLLER OF TELECOMMUNICATIONS, Civil Aviation Branch, Air Department, Wellington—The Office of the High Commissioner for New Zealand, 415 Strand, London, W.C.2 (September 30).

LECTURER IN ELECTRICAL ENGINEERING at the University of the Witwatersrand, Johannesburg—The Secretary, Universities Bureau of the British Empire, 32 Woburn Square, London, W.C.1 (October 1).

TECHNICIAN to take charge of Medical Unit Laboratory—The Secretary, St. Mary's Hospital Medical School, Praed Street, London W.2 (October 1).

LECTURER IN GENERAL BACTERIOLOGY, and a RESEARCH ASSISTANT AND DEMONSTRATOR (temporary) IN BOTANY—The Registrar, University College of South Wales, Cathays Park, Cardiff (October 2).

CHAIR OF EXPERIMENTAL PHYSICS, and an ASSISTANT PROFESSOR OF EXPERIMENTAL PHYSICS, in the University of Geneva—Le Conseiller d'Etat chargé du Département de l'Instruction Publique, 6 rue de l'Hotel-de-Ville, Geneva, Switzerland (October 15).

READERSHIP IN PHYSIOLOGY at St. Bartholomew's Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (October 18).

STUDENTSHIPS (4) at a British (or, exceptionally, foreign) research institute in preparation for Fisheries Research in the Colonial Empire—The Under-Secretary of State, Colonial Office, Research Department, Sanctuary Buildings, Great Smith Street, London, S.W.1 (October 31).

SENIOR LECTURER OF LECTURER IN CHEMISTRY at Canterbury University College, Christchurch, New Zealand—The Secretary, Universities Bureau of the British Empire, 32 Woburn Square, London, W.C.1 (November 1).

READERSHIP IN PHYSICS (in the field of Metal Physics) at University College—The Academic Registrar, University of London, Senate House, London, W.C.1 (November 4).

LECTURERS IN PHYSICS, a LECTURER IN THE DEPARTMENT OF MATHEMATICS, and a SENIOR ASSISTANT IN THE SCHOOL OF CHEMISTRY—The Registrar, College of Technology and Commerce, The Newark, Leicester.

INSPECTOR OF MINES (to act also as Inspector of Quarries and Explosives and Technical Adviser to the Mining Board) in the Department of Lands, Mines and Surveys, Fiji—The Director of Recruitment, Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1.

BOTANISTS (to undertake the improvement of economic plants by selection and breeding, and to investigate and control plant disease) in Nigeria—The Director of Recruitment, Colonial Service, Sanctuary Buildings, Great Smith Street, London, S.W.1.

SENIOR TECHNICIANS (2) IN THE NATIONAL BLOOD TRANSFUSION LABORATORY, Cardiff—The Regional Blood Transfusion Officer, 19 Newport Road, Cardiff.

SENIOR LABORATORY STEWARD (Chemistry and Biology)—The Bursar, Merchant Taylor's School, Sandy Lodge, Northwood, Middx. LABORATORY ASSISTANT—The Headmistress, Godolphin and Latymer School, Hammersmith, London, W.6.

LABORATORY ASSISTANT IN THE CHEMICAL LABORATORIES—The Principal, County Technical College, Stoke Park, Guildford.

LABORATORY TECHNICIAN—The House Governor, Skin Hospital, John Bright Street, Birmingham 1.

LECTURER IN CHEMISTRY to Intermediate B.Sc. stage—The Principal, Medway Technical College, Gardiner Street, Gillingham, Kent.

LECTURER IN THE NATURAL PHILOSOPHY DEPARTMENT—The Secretary, Royal Technical College, Glasgow.

ASSISTANT LECTURER IN AGRICULTURE, and a DEMONSTRATOR IN CHEMISTRY—The Registrar, The University, Nottingham.

PRINCIPAL MEDICAL OFFICER/RESEARCH (bacteriologist with good experience of original research), a PRINCIPAL SCIENTIFIC OFFICER (bacteriologist with good experience of original research), a PRINCIPAL SCIENTIFIC OFFICER (biochemist with first- or second-class honours degree and good experience in original research), and MEDICAL OFFICERS/RESEARCH (bacteriologists or experimental pathologists with experience of original research), in the Microbiological Research Department of the Ministry of Supply—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2274.

BIOCHEMIST to undertake establishment and direction of biochemistry research and development laboratory in Serum Institute, Naples—The Secretary, Wright-Fleming Institute of Microbiology, St. Mary's Hospital, Paddington, London, W.2.

ENGINEER specializing in drilling and blasting operations (Ref. TT.76), an ENGINEER specializing in shaft sinking and tunnelling operations (Ref. TT.77), and an ENGINEER specializing in mechanical stowage (Ref. TT.78), in the Production Department in London—The National Coal Board, Establishments (General) Branch, Hobart House, Grosvenor Place, London, S.W.1, quoting the relevant Ref. No.

AGRICULTURAL CHEMIST IN THE AGRICULTURAL DEPARTMENT of the Government of Kenya—The Director of Recruitment, Colonial Service, Sanctuary Buildings, Great Smith Street, London, S.W.1.

SENIOR METEOROLOGICAL OFFICER for the Government of Falkland Islands Dependencies Survey for service in the Antarctic—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.21623/3E.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

The Particles in Cosmic Radiation. By Thomas E. Nevin. Pp. 54 + 3 plates. (Dublin: University College, 1948.) 3s. 6d. [76]

Department of Scientific and Industrial Research and Admiralty: Radio Research. Special Report No. 17: Fundamental Principles of Ionospheric Transmission. Produced by the Inter-Service Ionosphere Bureau at the Great Baddow Research Laboratories of the Marconi Wireless Telegraph Co., Ltd., September 1943. Pp. 82. (London: H.M. Stationery Office, 1948.) 1s. 6d. net. [76]

Manchester Joint Research Council. Market Research: Report of the Conference held on Wednesday, 22nd October 1947, at the Albert Hall, Manchester. Pp. 108. (Manchester: Manchester Joint Research Council, 1948.) 2s. 6d. [76]

Register of Research in the Social Sciences in Progress and in Plan. Published annually for the National Institute of Economic and Social Research. No. 5, 1947-48. Pp. 104. (London: Cambridge University Press, 1948.) 12s. 6d. net. [76]

Department of Scientific and Industrial Research: Road Research Laboratory. Road Research Technical Paper No. 8 (British Intelligence Objectives Sub-Committee Overall Report No. 5): German Motor Roads, 1946. Pp. vi + 26 + 39 plates. (London: H.M. Stationery Office, 1948.) 1s. 6d. net. [146]

## Other Countries

Carnegie Institution of Washington. Publication 175: Ionospheric Research at Watheroo Observatory, Western Australia, June 1938-June 1946. By L. V. Berkner and H. W. Wells. (Researches of the Department of Terrestrial Magnetism, Vol. 13.) Pp. v + 425. (Washington, D.C.: Carnegie Institution, 1948.) 2 dollars. [76]

Caribbean Commission. Committee on Agriculture, Nutrition, Fisheries and Forestry of the Caribbean Research Council. External Trade Bulletin No. 1: The Sugar Trade of the Caribbean. Pp. xv + 180. (Washington, D.C.: Caribbean Commission, 1947.) [96]

Acta Physiologica Scandinavica. Vol. 15, Supplementum 52: Cholinesterases, a Study in Comparative Enzymology. By Klas-Bertil Augustinsson. Pp. x + 182. (Stockholm: P. A. Norstedt and Söner, 1948.) [96]

Revista Medica de Valparaiso. (Organo Oficial de la Sociedad Medica de Valparaiso.) Quarterly. Vol. 1, No. 1, Febrero 1948. Pp. 40. (Valparaiso: Sociedad Medica de Valparaiso, 1948.) Annual subscription, 100 dollars. [146]

Directory of New Zealand Scientists. Edited by Dr. Lyndon Bastings. Pp. xii + 110. (Wellington: New Zealand Association of Scientific Workers, 1948.) 5s. [146]

Food and Flowers. Bulletin issued by the Agricultural Department and the Gardens Department of the Hong Kong Government. No. 1, April 1948. Edited by G. A. C. Herklots. Pp. 66. (Hong Kong: South China Morning Post, Ltd., 1948.) 6 dollars. [216]

Working in Research at RCA Laboratories. Pp. 32. (Princeton, N.J.: Radio Corporation of America, 1948.) [216]

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions, Vol. 120: North-Western Area Committee, Report of the Sub-Committee on Faxes Bay. Edited by Dr. A. Vedel Tåning. Pp. 129. (Copenhagen: .Andr. Fred. Host et fils, 1948.) 14 kr. [216]

## Catalogues

'Grodex' Seed Germination Indicator. Pp. 4. (Dagenham: May and Baker, Ltd., 1948.)

Centrifugal Freeze Drying: a New Development in Vacuum Drying Liable Materials from the Frozen State. Pp. 4. (London: W. Edwards and Co., Ltd., 1948.)