

## FORTHCOMING EVENTS

Tuesday, December 31—Friday, January 3

GEOGRAPHICAL ASSOCIATION (at the London School of Economics, Houghton Street, London, W.C.2)—Annual Conference.

Wednesday, January 1

INSTITUTE OF PETROLEUM (at 26 Portland Place, London, W.1). at 5.30 p.m.—Mr. M. B. Broadbent and Mr. G. A. Dickens: "Lubrication Problems Arising from Railway Traction Modernization".

Thursday, January 2

PLASTICS INSTITUTE (in the William Beveridge Memorial Hall, Senate House, University of London, W.C.1), at 2.30 p.m.—Prof. C. E. H. Bawn, F.R.S.: "The Progress of Plastics" (Young People's Lecture).

INSTITUTE OF REFRIGERATION (at the Junior Institution of Engineers, Pepys House, 14 Rochester Row, Westminster, London, S.W.1), at 5.30 p.m.—Mr. W. F. Bews: "Properties, Handling and Storage of Modern Refrigerants".

Friday, January 3

SOCIETY OF COSMETIC CHEMISTS OF GREAT BRITAIN (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.30 p.m.—Mr. D. F. Anstead: "Pigments, Lakes and Dyestuffs in Cosmetics".

Saturday, January 4

BRITISH INTERPLANETARY SOCIETY (in the Tudor Room, Caxton Hall, Caxton Street, London, S.W.1), at 6 p.m.—Dr. R. F. L. Boyd: "High Altitude Research during the International Geophysical Year".

## APPOINTMENTS VACANT

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

RESEARCH ASSISTANT (with the degree of Ph.D., or about to submit a Ph.D. thesis) IN THE DEPARTMENT OF CHEMISTRY, for work which involves carbonization of high-molecular weight compounds, graphitization of the resulting carbons, and examination of the physical properties of the product with particular emphasis on absorption studies.—The Registrar, The University, Hull (January 4).

READER IN STRUCTURAL STEELWORK at the Imperial College of Science and Technology.—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 6).

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree or equivalent qualification) IN THE DEPARTMENT OF POTATO GENETICS, to assist in breeding potato varieties resistant to blight and to virus diseases.—The Secretary, John Innes Horticultural Institution, Bayfordbury, Hertford (January 11).

LECTURER OR SENIOR LECTURER IN CHEMICAL PATHOLOGY in the Faculty of Rural Science, University of New England, Australia.—The Registrar, University of New England, Armidale, N.S.W., Australia, or Dr. J. E. Foster, Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 15).

RESEARCH WORKER (with a veterinary diploma or degree) IN BOVINE INFERTILITY.—The Registrar, The University, Bristol (January 17).

GEOLOGISTS (with an honours degree in geology requiring a four-year course at a recognized university, and preferably with previous experience) with the Southern Rhodesia Government.—The Secretary (R), Rhodesia House, 429 Strand, London, W.C.2 (January 18).

ZOO-PLANKTOLOGIST (with a university honours degree in science, together with postgraduate experience in marine work, or equivalent qualifications, and preferably experience in planktological research) IN THE DIVISION OF FISHERIES AND OCEANOGRAPHY, Commonwealth Scientific and Industrial Research Organization, Sydney, New South Wales, Australia, to supervise, and to some extent take part in, the collecting and identification of zooplankton, and also to carry out research on zooplankton production and its ecological relationships.—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 320/133 (January 18).

ELECTRICAL ENGINEER/PHYSICIST IN THE DEPARTMENT OF PHYSICS, to supervise the operation of a 6 MeV. van de Graaff machine, and to develop associated research equipment.—Prof. Samuel Devons, The Physical Laboratories, The University, Manchester 13 (January 20).

SENIOR LECTURER OR LECTURER IN THE DEPARTMENT OF PHYSIOLOGY, University of Otago, Dunedin, New Zealand.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, January 20).

CHAIR OF EDUCATION in the University College of the West Indies.—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 27).

CHAIR OF BOTANY tenable at Queen Mary College.—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 29).

ASSISTANT LECTURER (man or woman graduate) IN MATHEMATICS, preferably Applied.—The Secretary, Bedford College (University of London), Regent's Park, London, N.W.1 (January 31).

CHAIR OF THEORETICAL PHYSICS in the University of Cape Town, South Africa.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (South Africa, January 31).

DIRECTOR OF THE WELSH PLANT BREEDING STATION, Aberystwyth.—The Registrar, University College of Wales, Aberystwyth (January 31).

LECTURER IN CHEMISTRY at the University College of Ghana.—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 31).

UNIVERSITY LIBRARIAN.—The Registrar, The University, Nottingham (January 31).

READER IN ORGANIC CHEMISTRY at King's College.—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 1).

READERS (2) IN MATHEMATICS, one in the field of pure mathematics and the other in the field of applied mathematics; a SENIOR LECTURER IN PURE OR APPLIED MATHEMATICS; and a LECTURER IN PURE OR APPLIED MATHEMATICS, at the University of Western Australia.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, February 28).

VISITING FELLOWS IN SCIENCE (2) (women graduates from the Commonwealth or the U.S.A.).—The Principal, Lady Margaret Hall, Oxford (May 1).

CHAIR OF PSYCHOLOGY.—The Registrar, The University, Bristol. ELECTRICAL/ELECTRONIC ENGINEER (with a professional qualification, and preferably an electrical engineering degree and experience of high vacuum or high frequency techniques, or of electro-mechanical plant), to operate and maintain a nuclear physics machine consisting of a 28-MeV. electron accelerator used to bombard uranium and so to produce intense neutron pulses for nuclear experiments.—The Recruitment Officer (902.Y/34), Atomic Energy Research Establishment, Harwell, Didcot, Berks.

INSTRUCTOR OR ASSISTANT PROFESSOR (preferably with the Ph.D. degree or equivalent) IN THE DEPARTMENT OF MATHEMATICS.—The Department of Mathematics, University of British Columbia, Vancouver 8, Canada.

LECTURER (with good academic qualifications and preferably an interest in emission spectroscopy) IN SPECTROSCOPY.—The Clerk to the Governing Body, Battersea College of Technology, London, S.W.11.

PHYSICIST (with a first- or second-class honours degree in physics) IN THE MINES AND GEOLOGICAL DEPARTMENT, Government of Kenya, for geological survey work with special reference to spectrographical and X-ray determination of minerals.—The Director of Recruitment, Colonial Office, London, S.W.1, quoting B.C.D.99/7/02.

SENIOR LECTURER (with a good honours degree and A.R.I.C.) IN CHEMISTRY; and a LECTURER (with a degree in metallurgy and/or A.I.M.) IN METALLURGY.—The Principal, Ipswich Civic College, Rope Walk, Ipswich.

SENIOR LECTURERS OR LECTURERS IN MATHEMATICS, CHEMISTRY, CIVIL OR MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING, RADAR AND TELECOMMUNICATIONS, and ENGINEERING PHYSICS at the Royal Military College of Science, Shrivenham, Berkshire.—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.364/7A.

SENIOR SCIENTIFIC OFFICER/SCIENTIFIC OFFICER (with a first- or second-class honours degree or equivalent in electrical engineering or physics, with experience in electronics) at the Ministry of Supply Aeroplane and Armament Experimental Establishment, Boscombe Down, Amesbury, Wilts, for work on electronic and electrical systems and development of test techniques and instrumentation for Service clearance of special armament stores.—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.359/7A.

SENIOR TECHNICIAN II (Fellow or Associate of the I.M.L.T., preferably with experience in biochemistry; or with a university degree or diploma in chemistry) FOR BIOCHEMISTRY.—The Pathologist, Pathology Department, Selly Oak Hospital, Birmingham 29.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

The Control of Pests and Diseases of Tomatoes, Cucumbers, and Chrysanthemums. Pp. 18. Chemical Soil Sterilization. Pp. 12. How to Exterminate Entire Colonies of Rats and Mice within Days. Pp. 2. Control Botrytis of Lettuce with Grisovin. Pp. 2. (Wheat-hampstead; Murphy Chemical Co., Ltd., 1957.) [309 National Association for Mental Health. 50 Questions and Answers on Mental Illness arising from the B.B.C. programmes "The Hurt Mind" and "To Comfort Always". Pp. 22. (London: National Association for Mental Health, 1957.) 1s. [309 London County Council: Public Health Department.—Scientific Branch. Annual Report of the Scientific Adviser for the year 1956. Pp. 37. (London: London County Council, 1957.) 1s. 3d. [710

## Editorial and Publishing Offices of "NATURE"

MACMILLAN &amp; CO., LTD.,

ST. MARTIN'S STREET, LONDON, W.C.2.

Telephone Number: Whitehall 8831. Telegrams: Phusis Lesquare London

Annual subscription £7/15/-, payable in advance, postage paid to any part of the world

Advertisements only should be addressed to

T. G. Scott &amp; Son, Ltd., 1 Clement's Inn, London, W.C.2

Telephone Number: Holborn 4743

All rights reserved. Registered as a newspaper at the General Post Office