

FORTHCOMING EVENTS

Monday, July 3—Friday, July 7

INSTITUTE OF PETROLEUM (at the Royal Technical College, Glasgow).—Conference on "Oil Shale and Cannel Coal".

Tuesday, July 4—Friday, July 7

ASSOCIATION OF APPLIED BIOLOGISTS (at Edinburgh).—Summer Meeting.

Thursday, July 6

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Lieut.-General Sir William MacArthur: "The Story of Smallpox in the British Isles".

Friday, July 7

BRITISH INSTITUTE OF RADIOLOGY (in the Reid-Knox Hall, 32 Welbeck Street, London, W.1), at 8 p.m.—Dr. Lauriston S. Taylor (Washington, U.S.A.): "The Measurement of X- and Gamma-Radiation over a Wide Energy Range" (Twenty-ninth Silvanus Thompson Memorial Lecture).

Friday, July 7—Saturday, July 8

PHYSICAL SOCIETY (in the Lecture Theatre, George Holt Physics Laboratories, The University, Brownlow Hill, Liverpool).—Summer Meeting.

APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN THE DEPARTMENT OF ZOOLOGY—The Registrar, University College, Hull (July 8).

LECTURER IN BIOLOGY (preferably with qualifications in Zoology and Physiology)—The Registrar, Nottingham and District Technical College, Shakespeare Street, Nottingham (July 8).

LECTURER IN CHEMISTRY—The Principal, Acton Technical College, High Street, Acton, London, W.3 (July 8).

LECTURER IN CHEMISTRY, a LECTURER IN METALLURGY, a LECTURER IN MATHEMATICS, and a RESEARCH ASSISTANT IN THE DEPARTMENT OF PHYSICS for investigations at high frequencies—The Registrar, Birmingham Central Technical College, Suffolk Street, Birmingham 1 (July 8).

LECTURER IN TELECOMMUNICATIONS in the Department of Physics and Telecommunications, and a LECTURER IN PHYSICS—The Clerk to the Governors, Woolwich Polytechnic, Woolwich, London, S.E.18 (July 8).

RESEARCH FELLOW IN INDUSTRIAL METALLURGY, to work in the field of melting and casting of metals—The Secretary, The University, Birmingham 3 (July 8).

SENIOR ASSISTANT with experience in Food and Drug Analysis, with special reference to spectrography and spectrophotometry, and a TECHNICAL ASSISTANT with particular interest in the field of spectrophotometry and spectrography, in the Laboratory of the Public Analyst—The Secretary and Registrar, The University, Bristol (July 8).

STATISTICIAN (with University degree with first- or second-class honours, or a degree of equivalent standard, and wide experience of statistical work) to the Secretary of State for Scotland's Department—The Establishment Officer, S.H.D., Room 364, St. Andrew's House, Edinburgh 1 (July 8).

TEACHER IN BIOLOGY (with good degree in Botany with Zoology as subsidiary)—The Principal, Norwood Technical College, Knight's Hill, London, S.E.27 (July 8).

VETERINARY PATHOLOGIST (Grade II), and VETERINARY INSPECTORS (Grade III), in the Veterinary Department of Cyrenaica—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.184/50A (July 10).

PRINCIPAL SCIENTIFIC OFFICER IN THE SHIP DIVISION OF THE NATIONAL PHYSICAL LABORATORY, TEDDINGTON (with first- or second-class honours degree, preferably in naval architecture, or high professional attainments in that subject, and experience of research work on hydrodynamic or aerodynamic problems)—The Secretary, Civil Service Commission, Scientific Branch, 7th Floor, Trinidad House, Old Burlington Street, London, W.1, quoting No. 3135 (July 13).

ELECTRONIC ENGINEERS or PHYSICISTS (unestablished, Experimental Officer grade) in the Royal Aircraft Establishment (Instrumentation Dept.), Farnborough, Hants—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.170/50A (July 14).

PHYSICISTS or ELECTRONIC ENGINEERS (Experimental Officer grade, unestablished) at a Ministry of Supply Research and Development Establishment near London, for work in (a) electronic instrumentation associated with high-speed photographic technique and strain gauges, (b) general experimental work involving small mechanism and instruments, (c) experience of practical spectroscopy and some familiarity with electronic techniques, (d) radio and electronics—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.158/50 (July 14).

ASSISTANT IN THE DEPARTMENT OF ANIMAL GENETICS—The Secretary, The University, Edinburgh (July 15).

DEMONSTRATOR IN THE DEPARTMENT OF PHYSICS—The Registrar, University College, Singleton Park, Swansea (July 15).

LECTURER IN CHEMISTRY (main subject should be physical chemistry, preferably with experience in colloid chemistry), and a LECTURER IN BIOLOGY (with qualifications mainly on the zoological side, with ecological experience)—The Registrar, University College of North Staffordshire, Keele, Stoke-on-Trent (July 15).

MECHANICAL and AERONAUTICAL ENGINEERS (Senior Experimental Officer grade, unestablished) at the Royal Aircraft Establishment (Structures Department), Farnborough, Hants, in the following fields of work: (1) fatigue of aircraft structures, (2) strain gauge installations on aircraft calling for electronic experience with ability to adapt

instruments for use in this connexion on the ground and in flight, (3) aircraft accident investigations, (4) static aero-elastic, flutter and vibration problems of aircraft—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting C.300/50A and Post No. (July 15).

RESEARCH FELLOW IN THE DEPARTMENT OF MINING, to take charge of a team carrying out research on the chemical constitution of coal—The Secretary, The University, Birmingham 3 (July 15).

SENIOR EXPERIMENTAL OFFICER (Ref. F.355/50A), with qualifications in engineering or chemical engineering, preferably to Degree standard, with knowledge of handling chemicals and ability to control industrial staff, and an EXPERIMENTAL OFFICER or ASSISTANT EXPERIMENTAL OFFICER (Ref. F.356/50A), with at least H.S.C. or equivalent qualification, with experience in engineering and/or chemistry and ability to work well in a team of scientific and industrial workers, at a Ministry of Supply Research and Development Establishment near London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (July 15).

SENIOR SCIENTIFIC OFFICER (unestablished) (with a good honours degree in civil engineering or equivalent qualification, and have studied the effect of static loads either in roads, airfields or foundations), at a Ministry of Supply Engineering Establishment in Hants—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting E.276/50A (July 15).

TECHNICAL OFFICER (woman, with degree in chemistry and administrative or industrial experience) in the Technical and Scientific Register—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.380/50A (July 15).

PRINCIPAL SCIENTIFIC OFFICERS IN THE MECHANICAL ENGINEERING RESEARCH ORGANISATION OF THE DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH: (a) Engineer for research into the properties of engineering materials at high temperatures, (b) an Engineer with experience of the application of research in industry to lead research into generic problems of mechanical engineering in the Division studying lubrication, wear, and the mechanical engineering aspects of corrosion, etc., and (c) a Physical Chemist to lead a research group studying the fundamental factors underlying the process of wear and its modification by the presence of lubricants—The Secretary, Civil Service Commission, Scientific Branch, 7th Floor, Trinidad House, Old Burlington Street, London, W.1, quoting No. 3141LA (July 18).

LECTURER IN NATURAL HISTORY (with special qualifications in vertebrate zoology or comparative physiology)—The Secretary, The University, Aberdeen (July 20).

ASSISTANT LECTURER IN CIVIL ENGINEERING—The Registrar, Queen Mary College, Mile End Road, London, E.1 (July 22).

RESEARCH OFFICER (with University degree with honours, with physics and/or mathematics as a major subject or equivalent qualifications, and experience in some branch of theoretical physics applicable to low-temperature research) in the Division of Physics, National Standards Laboratory, Sydney—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting No. 2900 (July 22).

SCIENTIFIC OFFICERS (with first- or second-class honours degree in physics and good general electronic knowledge and experience), at Ministry of Supply Research and Development Establishments near London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.172/50A (July 24).

SENIOR EXAMINER (male, with honours degree in physics with chemistry as a subsidiary subject, or an honours degree in chemistry with physics as a subsidiary subject) in the Ministry of Fuel and Power—The Secretary, Civil Service Commission, Scientific Branch, 7th Floor, Trinidad House, Old Burlington Street, London, W.1, quoting No. 3126 (July 28).

BIOPHYSICIST to the Clinical Research Unit of Alfred Hospital, Melbourne—The Agent-General for Victoria, Australia House, Strand, London, W.C.2 (Melbourne, July 31).

DE BEERS CHAIR OF ENGLISH LANGUAGE in the University of Cape Town—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (July 31).

EMBRYOLOGIST or IMMUNOLOGIST in the Department of Zoology, to undertake research on fertility in mammals—The Secretary and Registrar, University College of North Wales, Bangor (July 31).

PROPAGATOR (with National Diploma in Horticulture or an equivalent qualification, and a sound practical knowledge of the propagation of fruit plants)—The Secretary, Research Station, Long Ashton, Bristol (July 31).

RESEARCH ASSISTANT IN THE DEPARTMENT OF CHEMISTRY, University College, Dundee, to undertake work on the thermodynamics of solutions—The Registrar, The University, St. Andrews (July 31).

AGRICULTURAL SUPERINTENDENTS for extension work, H.M. Colonial Service, Sierra Leone—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting Ref. 32055/19/50 (August 15).

SENIOR LECTURER IN APPLIED AND INDUSTRIAL CHEMISTRY, and a LECTURER IN ORGANIC CHEMISTRY, in the University of Cape Town—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.2 (August 15).

PROFESSOR OF FIELD HUSBANDRY, and a PROFESSOR OF SHEEP HUSBANDRY, at Massey Agricultural College, Palmerston North, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (September 21).

ANALYST, preferably experienced in the analysis of non-ferrous metals and alloys—The Secretary, British Non-Ferrous Metals Research Association, Euston Street, London, N.W.1.

ASSISTANT EXPERIMENTAL OFFICER (with a degree in science or equivalent qualifications) to assist with the *Drosophila* research programme—The Executive Assistant, Animal Breeding and Genetics Research Organisation, Kings Buildings, West Mains Road, Edinburgh 9.

ASSISTANT LECTURER IN THE DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING—The Secretary, Royal Technical College, Glasgow.