

## FORTHCOMING EVENTS

Monday, July 13—Tuesday, July 14

PHYSICAL SOCIETY (in the Department of Physics, King's College, Newcastle-upon-Tyne).—Summer Provincial Meeting on Optics and Ultrasonics.

Monday, July 13—Saturday, July 18

UNIVERSITY OF BIRMINGHAM (in the Physics Department, The University, Edgbaston, Birmingham 15).—Conference on Nuclear Physics.

Wednesday, July 15

ROYAL METEOROLOGICAL SOCIETY (at the Building Research Station, near Watford), at 2.30 p.m.—Summer Meeting.

ROYAL SANITARY INSTITUTE (at 90 Buckingham Palace Road, London, S.W.1), at 2.30 p.m.—Symposium on "Salvage and Utilization of Food Waste for Animal Feeding".

Friday, July 17

BIOCHEMICAL SOCIETY (in the Department of Biochemistry, Bute Medical Buildings, St. Andrews), at 11 a.m.—Scientific Papers.

Saturday, July 18—Thursday, July 23

PHYSICAL SOCIETY, the INSTITUTE OF PHYSICS, and the ELECTRICAL RESEARCH ASSOCIATION (at the Clarendon Laboratory, Oxford).—Conference on "Ionization Phenomena in Discharges".

## APPOINTMENTS VACANT

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

SENIOR PSYCHOLOGIST IN THE DEPARTMENT FOR CHILDREN AND PARENTS, Tavistock Clinic, 2 Beaumont Street, London, W.1.—The Group Secretary, Central Middlesex Group H.M.C., Acton Lane, London, N.W.10 (July 15).

AGRICULTURIST (with science degree, preferably with honours, and aptitude for research work) IN THE FIELD HUSBANDRY BRANCH, Department of Research and Specialist Services, Southern Rhodesia Government.—The Secretary, Rhodesia House, 429 Strand, London, W.C.2 (July 18).

ASSISTANT, GRADE B (with good honours degree in pharmacy and/or physiology), IN THE DEPARTMENT OF PHARMACY AND BIOLOGY.—The Registrar, College of Technology, Suffolk Street, Birmingham 1 (July 18).

ASSISTANT EXPERIMENTAL OFFICER (with general certificate of education (advanced level) or pass degree in biological subjects) IN THE POULTRY RESEARCH CENTRE, Edinburgh.—The Secretary, Agricultural Research Council, Cunard Building, 15 Regent Street, London, S.W.1 (July 18).

DEMONSTRATORS IN MECHANICAL ENGINEERING (with engineering degree or equivalent, and preferably industrial experience).—The Principal, Royal Aircraft Establishment Technical College, Farnborough, Hants (July 20).

CHEMIST (with first- or second-class honours degree or equivalent in chemistry, and at least three years postgraduate research experience, with particular reference to study of corrosion of ferrous and non-ferrous metals) in the Ministry of Supply Tropical Testing Establishment, Port Harcourt, Nigeria, to assist in study of effects of tropical conditions on service materials and equipment.—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting F.286/53A (July 25).

LECTURER IN PHYSICAL CHEMISTRY.—The Secretary to the University, The University, Edinburgh (July 25).

ASSISTANT KEEPER OF BIOLOGY (university graduate or holder of the Diploma of the Museums Association).—The Director, Museum and Art Gallery, New Walk, Leicester (July 31).

RESEARCH ASSISTANT IN THEORETICAL PHYSICS.—The Registrar, King's College, Newcastle upon Tyne (July 31).

SENIOR LECTURER or LECTURER IN MATHEMATICS at the University of Malaya, Singapore.—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (July 31).

SENIOR RESEARCH OFFICER or RESEARCH OFFICER (Textile Scientist) (preferably with several years experience in the textile industry, and academic qualifications of honours degree status in textile science, physics or some branch of engineering) IN THE PHYSICS AND ENGINEERING UNIT, Wool Textile Research Laboratory, Sydney, for research into the physical properties of wool fibres or of fibre assemblies, or into the physical principles of textile processes.—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 465/34 (July 31).

PLANT PHYSIOLOGIST (with sound fundamental training and research experience) for studies on the physiology and metabolism of fruit under storage conditions in relation to orchard factors.—The Secretary, East Malling Research Station, Maidstone, Kent (August 1).

TECHNICAL OFFICER (with university degree in science or agricultural science, with botany or plant ecology as a major subject) IN THE LAND RESEARCH AND REGIONAL SURVEY SECTION, Commonwealth Scientific and Industrial Research Organization, Canberra, for ecological studies of native vegetation, as a member of a field survey

unit which will also include a geologist, pedologist and geomorphologist.—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 570/19 (August 1).

PRINCIPAL RESEARCH OFFICER (with at least an M.Sc. degree in mechanical engineering or its equivalent, and not less than eight years practical and/or research experience in mechanical engineering) IN THE MECHANICAL ENGINEERING RESEARCH UNIT, South African Council for Scientific and Industrial Research, Pretoria, to undertake research work connected with technical problems in the field of mechanical engineering and particularly fluid mechanics and its applied fields.—The South African Scientific Liaison Officer, Africa House, Kingsway, London, W.C.2 (Pretoria, August 8).

LECTURER IN AGRICULTURAL BOTANY in the University College, Ibadan, Nigeria.—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (August 10).

LECTURER IN PHYSIOLOGY.—The Registrar, King's College, Strand, London, W.C.2 (August 15).

COWBURN RESEARCH FELLOWSHIP to undertake research in pathology, bacteriology, morbid anatomy or allied subjects.—The Secretary, King's College Hospital Medical School, Denmark Hill, London, S.E.5 (August 29).

HEAD OF THE CHEMISTRY—PHYSIOLOGY GROUP IN THE DIVISION OF PLANT INDUSTRY, Commonwealth Scientific and Industrial Research Organization, Canberra.—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 130/188 (August 29).

PRINCIPAL RESEARCH OFFICER or SENIOR RESEARCH OFFICER (Ref. 130/190) and a RESEARCH OFFICER (Ref. 130/191) (with honours or higher degree in a biological science, or equivalent qualification; for the senior position, experience of research in population genetics or biometrical genetics would be an advantage) in the Genetics Section; RESEARCH OFFICER (Ref. 130/192) (with honours or higher degree in science or agriculture, or equivalent qualifications, with training in plant pathology or mycology) to undertake plant disease investigations, and in particular to study fundamental aspects of host pathogen relationships and the mechanism of resistance to disease, and a RESEARCH OFFICER (Ref. 130/193) (with honours or higher degree in science or agriculture, or equivalent qualifications) to engage in fundamental studies of plant virus diseases, particularly the mechanism of virus multiplication in relation to resistance and susceptibility, in the Microbiology Section; RESEARCH OFFICER or SENIOR RESEARCH OFFICER (Ref. 130/194) (with honours degree, preferably with botany as major subject, and with postgraduate experience in the fields of work indicated) to undertake detailed studies of pasture plants and others of potential use to Australia which have shown distinct promise, in the Plant Introduction Section; with the Division of Plant Industry of the Commonwealth Scientific and Industrial Research Organization, Canberra.—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (August 29).

LECTURER IN GEOGRAPHY (with qualifications in physical geography, preferably geomorphology and biogeography, and ability to teach cartography and field survey) at the Auckland University College, New Zealand.—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Auckland, August 31).

READER IN GEOGRAPHY in the Durham Division of the University of Durham.—The Registrar, University Office, 46 North Bailey, Durham (September 10).

STANLEY ELMORE RESEARCH FELLOWSHIP IN METALLURGY in the University of Cambridge.—The Professor of Metallurgy, Department of Metallurgy, Pembroke Street, Cambridge (September 15).

ASSISTANT IN METALLURGY AND PHYSICAL CHEMISTRY.—The Registrar, Loughborough College of Technology, Loughborough, Leics.

ASSISTANT LECTURER IN CIVIL ENGINEERING (with good honours degree and at least two years practical experience).—The Registrar, The University, Nottingham.

ELECTRICAL ENGINEERS AND PHYSICISTS (with first- or second-class honours degree or equivalent in physics or electrical engineering and interest in electronics, servo mechanism theory or analogue computing) in the Ministry of Supply, Farnborough, Hants, for theoretical and experimental research on design and performance of new weapons and associated guidance and control systems; instrumentation of flight trials and analysis of trials data.—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.168/53A.

ENGINEER or PHYSICIST (with honours degree in physics, and extensive practical experience of instrument development) in the Division of Atomic Energy (Production), Capenhurst, Chester, to take charge of centre engaged in the development of electrical, electronic, mechanical, pneumatic, chemical and optical instruments used for controlling chemical and physical processes.—The Ministry of Supply, Division of Atomic Energy (P), Risley, Warrington, quoting 471.

LECTURER (with thorough knowledge of electron physics, and preferably industrial experience) IN VACUUM ELECTRONICS.—The Professor of Electrical Engineering, Electrical Engineering Department, Imperial College, London, S.W.7.

RESEARCH BIOCHEMIST, Senior Grade (with at least five years experience in the basic grade of biochemist), at the National Spinal Injuries Centre, Stoke Mandeville Hospital, Aylesbury.—The Secretary, Royal Buckinghamshire and Associated Hospitals Management Committee, 9 Bicester Road, Aylesbury.

RESEARCH SCHOLARSHIPS IN THE DEPARTMENT OF CHEMISTRY, COLOUR CHEMISTRY AND DYEING, and other Departments of the College.—The Principal, Technical College, Queen Street South, Huddersfield.

SCIENTIFIC OFFICER (with honours degree in zoology) at the Edinburgh Laboratory of the Scottish Marine Biological Association to join a team of biologists studying plankton ecology in relation to the fisheries.—The Officer-in-Charge, Oceanographic Laboratory, 78 Craig-hall Road, Edinburgh 5.