

## FORTHCOMING EVENTS

(Meetings marked with an asterisk \* are open to the public)

## Monday, February 22

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Lecture Room of the Science Museum, South Kensington, London, S.W.7), at 5.30 p.m.—Mr. Lance L. Whyte: "The History of Natural Lengths".

INSTITUTE OF PETROLEUM (at 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. R. K. Diekie and Mr. C. M. Adcock: "Oil Production in the Nottinghamshire Oilfields".\*

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Prof. K. de B. Codrington: "Between the Oxus and the Indus".

## Tuesday, February 23

BRITISH POSTGRADUATE MEDICAL FEDERATION (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.30 p.m.—Dr. R. R. Race: "Blood Groups".\* (Twelfth of fifteen Lectures on "The Scientific Basis of Medicine".)

INSTITUTE OF FUEL (at the Institution of Mechanical Engineers, 1 Birdcage Walk, London, S.W.1), at 5.30 p.m.—Dr. H. Bardgett: "Carbonization of Blends of Coal to Produce Metallurgical Coke".\*

UNIVERSITY OF LONDON (in the Anatomy Theatre, Communication Research Centre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. E. C. Cherry: "The Theory of Communication— and Human Behaviour".\*

SHEFFIELD METALLURGICAL ASSOCIATION (joint meeting with the ROYAL INSTITUTE OF CHEMISTRY, in the B.I.S.R.A. Laboratories (Sheffield Group), Hoyle Street, Sheffield 3), at 7 p.m.—Dr. J. C. Hudson: "25 Years of Co-operative Research on Corrosion".

## Wednesday, February 24

SOCIETY FOR ENDOCRINOLOGY (joint meeting with the ENDOCRINOLOGICAL SECTION of the Royal Society of Medicine, at 1 Wimpole Street, London, W.1), at 10 a.m.—Symposium on "The Technique and Significance of Oestrogen Determinations".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Mr. K. W. Luckhurst: "The Society's Early Days: Some Light from its Letters".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. A. H. Cook and Mr. H. I. S. Thirlaway: "The Geological Results of Measurements of Gravity in the Welsh Borders".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (in the Rooms of the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Dr. A. H. Cook, F.R.S.: "Unsolved Problems in Brewing".

BRITISH SOCIOLOGICAL ASSOCIATION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 8 p.m.—Prof. Alexander Macbeth: "Philosophy and the Social Sciences".

## Thursday, February 25

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. A. N. Stroh: "The Formation of Cracks as a Result of Plastic Flow"; Miss Helen Rae and Mr. A. E. Robinson: "Spiral Growths on Large Crystal Surfaces".

BRITISH GLACIOLOGICAL SOCIETY (at the Royal Geographical Society, Kensington Gore, London, S.W.7), at 5.30 p.m.—Dr. B. J. Mason: "The Growth of Snow Crystals in the Atmosphere and the Laboratory".

UNIVERSITY OF LONDON (at Senate House, London, W.C.1), at 5.30 p.m.—Prof. J. Van Den Brande (Ghent): "Some Aspects of Crop Protection in Belgium".\*

## Friday, February 26

ASSOCIATION OF APPLIED BIOLOGISTS (in the Astrophysics Lecture Theatre, Imperial College, Imperial Institute Road, London, S.W.7), at 11 a.m.—Scientific Papers.

BRITISH SOCIETY OF RHEOLOGY (at the Society for Visiting Scientists, 5 Old Burlington Street, London, W.1), at 2.30 p.m.—Symposium on "Friction in Relation to Rheological Properties".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.15 p.m.—Geophysical Discussion. Prof. D. R. Bates, Prof. V. C. A. Ferraro, Dr. R. M. Goody and Prof. R. W. B. Pearse: "The Composition of the Upper Atmosphere". Chairman—Mr. J. A. Ratcliffe, F.R.S.

ROYAL METEOROLOGICAL SOCIETY, SCOTTISH CENTRE (in the Department of Natural Philosophy, The University, Drummond Street, Edinburgh 8), at 5 p.m.—Annual General Meeting. Dr. O. G. Sutton, F.R.S.: "Mathematics and Forecasting" (Presidential Address).\*

BEDSON CLUB (in Lecture Theatre 1, The New Chemistry Building, King's College, Newcastle upon Tyne), at 5.30 p.m.—Dr. F. P. Bowden, F.R.S.: "Adhesion and Surface Properties of Solids" (95th Bedson Lecture).

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 5.30 p.m.—Sir Christopher Hinton: "Nuclear Reactors and Power Production" (James Clayton Lecture).

NORTH EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre of the Mining Institute, Neville Hall, Newcastle-upon-Tyne), at 6.15 p.m.—Prof. Dr. Ir. W. P. A. van Lammeren and Dr. Ir. J. D. van Manen: "Correlation of Model and Ships' Trials of a Shallow Draught Rhine Vessel".

UNIVERSITY OF LONDON (at Wye College, Wye, near Ashford, Kent), at 8.15 p.m.—Prof. J. Van Den Brande (Ghent): "Agricultural Research in the Belgian Congo".\*

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. C. H. Andrewes, F.R.S.: "The Common Cold".

## Saturday, February 27

BRITISH PSYCHOLOGICAL SOCIETY, EDUCATION SECTION (at the Institute of Education, Malet Street, London, W.C.1), at 2.30 p.m.—Mr. Ben S. Morris: "Education and the Scientific View of Man and Society".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN CHEMISTRY—The Registrar, University College, Singleton Park, Swansea (February 27).

METALLOGRAPHER, Experimental or Assistant Experimental Officer grade (with a good basic knowledge of metallurgy) to work on problems arising from research on novel metals and processes—The Establishment Officer, Atomic Energy Research Establishment, Harwell, Berks, quoting 2/103/52 (February 27).

SENIOR LECTURER (with an honours degree in chemistry, and preferably with industrial and teaching experience) IN THE DEPARTMENT OF CHEMISTRY—The Clerk to the Governing Body, College of Technology, Birmingham (February 27).

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree or at least the general certificate of education to advanced level) IN THE ENTOMOLOGY SECTION—The Secretary, National Vegetable Research Station, Wellesbourne, Warwick (March 1).

SENIOR LECTURER or LECTURER IN PHYSIOLOGY at the University College of the West Indies—The Secretary, Senate Committee on Higher Education in the Colonies, University of London, Senate House, London, W.C.1 (March 1).

LECTURER IN THE DEPARTMENT OF CHEMISTRY, Victoria University College, Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Wellington, March 5).

LECTURER (with an appropriate honours degree) IN AGRICULTURAL ZOOLOGY AND PHYSIOLOGY OF FARM ANIMALS—The Secretary, School of Agriculture, Downing Street, Cambridge (March 5).

UNIVERSITY DEMONSTRATOR (with an honours degree in botany or agricultural botany) IN AGRICULTURAL BOTANY, and a UNIVERSITY DEMONSTRATOR (with an honours degree in chemistry or agricultural chemistry, and preferably with experience of soil science) IN SOIL SCIENCE—The Secretary, School of Agriculture, Downing Street, Cambridge (March 5).

LECTURER (preferably with special interest in strength of materials) IN THE DEPARTMENT OF MECHANICAL ENGINEERING—The Registrar, The University, Liverpool (March 6).

LECTURER (with an honours degree in mechanical engineering, and special experience of mechanical engineering drawing and design, theory of machines and strength of materials) IN MECHANICAL ENGINEERING, at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Australia, March 7).

SENIOR LECTURER IN PATHOLOGY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Sydney, March 7).

ASSISTANT KEEPER (a) (with first- or second-class honours degree or equivalent qualification in engineering or aeronautical science) IN THE DEPARTMENT OF AERONAUTICS AND SAILING SHIPS; (b) (with first- or second-class honours degree, or equivalent qualification in electrical engineering) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING AND COMMUNICATIONS, Science Museum, London, S.W.7—The Civil Service Commission, Scientific Branch, 30 Old Burlington Street, London, W.1, quoting S.134/54 (March 11).

ASSISTANT LECTURERS (with special qualifications in physical chemistry) IN CHEMISTRY—The Registrar, The University, Manchester (March 12).

ASSISTANT EXPERIMENTAL OFFICER (with H.S.C. with science subject as principal subject or equivalent, or higher qualification, and a knowledge of radiography, photography, and photomicrographic apparatus and techniques) at the Ministry of Agriculture and Fisheries Veterinary Laboratory, Weybridge—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.30/54A (March 13).

CHAIR OF EDUCATION—The Registrar, The University, Sheffield (March 13).

RESEARCH FELLOW IN CHEMISTRY—The Registrar, University College, Singleton Park, Swansea (March 15).

TUTORIAL RESEARCH STUDENTSHIP IN MATHEMATICS (Pure or Applied)—The Principal, Royal Holloway College, Englefield Green, Surrey (March 17).

TUTOR (honours graduate in science) IN THE DEPARTMENT OF EXTRA-MURAL EDUCATION, University of Glasgow, to conduct and organize classes in adult education—The Director of Extra-Mural Studies, 91 Oakfield Avenue, Glasgow, W.2 (March 29).

LECTURER or ASSISTANT LECTURER IN THE DEPARTMENT OF BOTANY—The Secretary, University College London, Gower Street, London, W.C.1 (March 31).

SENIOR LECTURER IN INORGANIC AND PHYSICAL CHEMISTRY at the University of Adelaide, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (March 31).

PROFESSORS OF MATHEMATICS, PHYSICS, CHEMISTRY, BOTANY or ZOOLOGY, GEOGRAPHY or GEOLOGY, at the University of New England, Armidale, New South Wales, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Armidale, April 12).

CHEMIST (with an honours degree in chemistry, and with post-graduate experience in biochemistry)—The Director, Mauritius Sugar Industry Research Institute, Reduit, Mauritius (April 30).

EXPERIMENTAL OFFICERS (with pass degree in physics, mathematics or electrical engineering, H.N.C., or equivalent qualification) and