

## FORTHCOMING EVENTS

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

## Monday, December 9

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Where Should Research End and Development Start?" opened by Dr. K. J. R. Wilkinson.

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at 15 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. H. Batzer: "Experiments on, and Theory of, Formation of Fibres".

## Tuesday, December 10

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. K. E. Clare, Mr. M. J. Tomlinson, Mr. I. K. Nixon and Mr. B. O. Skipp: Symposium on "Airfield Construction on Overseas Soils".

INSTITUTION OF MECHANICAL ENGINEERS, AUTOMOBILE DIVISION (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.45 p.m.—Discussion on "Air or Water Cooling?"

## Wednesday, December 11

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Ducane Road, London, W.12), at 2 p.m.—Dr. H. Harris: "Biochemical Genetics".\*

PHYSICAL SOCIETY, COLOUR GROUP (in the Physics Theatre, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 3.30 p.m.—Mr. L. C. Jesty: "Report on the Meeting on Colour Television, Paris, 1957"; Dr. W. S. Stiles, F.R.S.: "Report on the Symposium on Visual Problems of Colour, Teddington, 1957"; Prof. W. D. Wright: "Report on the C.I.E. Working Party on Colorimetry, Teddington, 1957".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. W. B. Harland: "The Caledonian Sequence in Ny Friesland, Spitsbergen".

BUCKLAND FOUNDATION (at the Sir John Cass College, Jewry Street, Aldgate, London, E.C.3), at 5.30 p.m.—Dr. A. P. Orr: "The Fertile Sea—From Plankton to Fish".

ECGENICS SOCIETY (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. J. S. Weiner: "The Settlement of Europeans in Extreme Climates".\*

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO AND TELECOMMUNICATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. H. E. Holman, Mr. G. C. Newton and Mr. S. F. Quinn: "A Flying-Spot Film Scanner for Television".

BRITISH GLACIOLOGICAL SOCIETY (at Bedford College, Regent's Park, London, N.W.1), at 6 p.m.—Annual General Meeting. Mr. G. Manley: "Snow, Glaciers and Climate".

INSTITUTE OF PHYSICS, LONDON AND HOME COUNTIES BRANCH (at 47 Belgrave Square, London, S.W.1), at 6 p.m.—Dr. B. H. Briggs: "Irregularities and Movements in the Ionosphere".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—NUTRITION PANEL (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Second Meeting on "Some Nutritional and Allied Problems Confronting the Food Manufacturer". Dr. C. H. Lea: "Technological Aspects of Antioxidants"; Mr. R. J. Ward: "Biochemical and Pharmacological Aspects of Antioxidants".

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.45 p.m.—Discussion on "Reclamation of Lubricants".

INSTITUTE OF METALS, LONDON LOCAL SECTION (joint meeting with the LONDON BRANCH OF THE INSTITUTE OF BRITISH FOUNDRYMEN, at the Constitutional Club, Northumberland Avenue, London, W.C.2), at 7.30 p.m.—Mr. F. Hudson: "Properties of Castings".

RADAR ASSOCIATION (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 7.30 p.m.—Mr. L. D. Bedford: "Some Aspects of Guided Missiles".

## Wednesday, December 11—Thursday, December 12

IRON AND STEEL INSTITUTE, IRON AND STEEL ENGINEERS GROUP (at Church House, Westminster, London, S.W.1)—Meeting on "Water Pollution in the Iron and Steel Industry".

## Thursday, December 12

ROYAL INSTITUTION, LIBRARY CIRCLE (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Mr. K. D. C. Vernon: "The Re-organization of the R.I. Library".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at the Northern Polytechnic, St. John Street, London, E.C.1), at 7 p.m.—Mr. A. R. Powell, F.R.S.: "Recent Advances in the Chemistry and Technology of the Rare Earth Metals".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Scientific Papers.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Dr. J. F. B. Edeson: "The Experimental Transmission of *Wuchereria malayi* from Man to Various Animals in Malaya".

## Friday, December 13

BIOCHEMICAL SOCIETY (at the Institute of Basic Medical Sciences, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2), at 11.30 a.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Basic Experiments on Servo Mechanisms", opened by Mr. W. Chellingsworth.

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Dr. Ing. Hans Thoma: "High Pressure Hydraulic Transmission" (James Clayton Lecture).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. King: "A Debt to Defects".

## Friday, December 13—Saturday, December 14

BRITISH PSYCHOLOGICAL SOCIETY (at University College, Gower Street, London, W.C.1)—Conference.

## Saturday, December 14

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Douglas Botting: "Socotra: The Island of Dragon's Blood".\*

## APPOINTMENTS VACANT

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

HEAD (graduate of a British university with appropriate teaching, industrial and research experience) OF THE DEPARTMENT OF SCIENCE AND METALLURGY, Constantine Technical College, Middlesbrough—The Director of Education, Woodlands Road, Middlesbrough (December 14).

LECTURER TO TEACH SCIENCE SUBJECTS, INCLUDING APPLIED SCIENCE AND NUTRITION—The Principal, College of Bakery, Catering, Domestic Science and Associated Studies, Bridge Street, Birmingham 1 (December 14).

READER (with high academic qualifications and special experience of analytical techniques) IN ANALYTICAL CHEMISTRY—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (December 14).

SCIENTIST (graduate with a biochemical background), for work mainly on amino-acid tolerance tests—The Secretary, Institute of Neurology, Queen Square, London, W.C.1 (December 14).

TEACHER, Grade B (with an honours degree and able to take the subject to degree standard), IN MATHEMATICS—The Director of Education, The Polytechnic, 309 Regent Street, London, W.1 (December 16).

UNIVERSITY DEMONSTRATOR (with an honours degree or post-graduate qualification in an appropriate subject, and preferably some teaching experience) IN AGRICULTURAL ENTOMOLOGY—The Secretary, School of Agriculture, The University, Downing Street, Cambridge (December 20).

ASSISTANT IN THE DEPARTMENT OF ZOOLOGY—The Secretary, The University, Edinburgh (December 28).

SENIOR LECTURER (with a good honours degree, teaching experience, and wide industrial experience related to instrument engineering and/or electronics) IN PHYSICS—The Registrar, Flintshire Technical College, Connah's Quay, near Chester (December 31).

LECTURER (with a special interest in mycology and plant pathology) IN BOTANY at the University College of Ghana—The Secretary, University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 3).

PROFESSOR OF ANIMAL HUSBANDRY; and a LECTURER IN VETERINARY MEDICINE at the Veterinary College, Dublin—The Secretary, Civil Service Commission, 45 Upper O'Connell Street, Dublin (January 7).

CHAIR OF ZOOLOGY—The Registrar, The University, Sheffield (January 11).

RESEARCH CHEMIST (with a university honours degree in science with chemistry or biochemistry as a major subject, or equivalent qualifications, and preferably research experience in physical chemistry) AT THE IRRIGATION RESEARCH STATION (C.S.I.R.O.), Merbein, Victoria, Australia, to carry out investigations into the dipping, drying and processing of vine fruits with special reference to problems of diffusion kinetics in the transfer of water through organic membranes such as the waxy coating of the grape—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 490/62 (January 11).

CHAIR OF SOCIAL ANTHROPOLOGY in the Department of Anthropology, University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 13).

ASSISTANT LECTURER (with a degree or diploma in horticulture) IN HORTICULTURE—The Registrar, Massey Agricultural College, Palmerston North, New Zealand (January 31).

LECTURER (with experience of research in organic, inorganic or physical chemistry, or in an appropriate branch of physics) IN COLOURING MATTERS—The Registrar, The University, Leeds 2 (February 22).

ASSISTANT PHYSICIST (with good academic qualifications in physics and mathematics) IN THE UNIT OF CLINICAL INVESTIGATION, Royal North Shore Hospital, Sydney, Australia—Dr. C. W. Wilson, Physics Department, Westminster Hospital Medical School, London, S.W.1.

BIOCHEMIST, Senior or Basic grade (with a B.Sc. degree with honours in chemistry or biochemistry or equivalent qualification)—The Group Secretary, Royal Hospital, Wolverhampton.

ELECTRON MICROSCOPIST IN THE BIOLOGICAL LABORATORIES, Harvard University, to collaborate in research with members of the department—The Chairman, Electron Microscope Committee, Biological Laboratories, Harvard University, Cambridge, Mass., U.S.A.

ENTOMOLOGIST (with a natural science degree from a British university and preferably a knowledge of tsetse, particularly *Glossina morsitans*) IN THE VETERINARY DEPARTMENT of Northern Rhodesia, for duties involving tsetse surveys and identification of species; field observation on seasonal distribution and habits of tsetse flies, particu-