

## FORTHCOMING EVENTS

Tuesday, April 11

ILLUMINATING ENGINEERING SOCIETY (at the Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6 p.m.—Mr. E. S. Calvert: "Visual Aids for Landing in Bad Visibility with particular reference to the Transition from Instrument to Visual Flight".

SOCIETY OF INSTRUMENT TECHNOLOGY, NORTH-WEST SECTION (in the Reynolds Hall, College of Technology, Manchester), at 7.30 p.m.—Mr. L. Young: "Pneumatic Relays and their Use in Control Systems".

Wednesday, April 12

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Dr. J. D. McGee: "A Review of some Television Pick-up Tubes"; Dr. E. L. C. White and Mr. M. G. Harker: "The Design of a Television Camera Channel for use with the C.P.S. Emitron".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6 p.m.—Nineteenth Annual General Meeting; at 6.30 p.m.—Prof. S. Zuckerman, F.R.S.: "Pounds, Dollars and Calories".

MANCHESTER GEOGRAPHICAL SOCIETY (at the Geographical Hall, 16 St. Mary's Parsonage, Manchester), at 6.30 p.m.—Mr. Peter Scott: "Wild Geese in the Arctic" (Cine Film).

Wednesday, April 12—Friday, April 14

FARADAY SOCIETY (in the New Arts Theatre, The University, Liverpool).—General Discussion on "Heterogeneous Catalysis".

Thursday, April 13

ROYAL SOCIETY OF ARTS, INDIA, PAKISTAN AND BURMA SECTION (joint meeting with the EAST INDIA ASSOCIATION, at John Adam Street, Adelphi, London, W.C.2), at 5.15 p.m.—Mr. Hamid Ali: "Projected Industrial Development in Pakistan".

INSTITUTION OF ELECTRICAL ENGINEERS, UTILIZATION SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "B.S.I. Specifications in relation to Electrical Accessories for Domestic and Industrial Applications" (to be opened by Mr. J. F. Stanley).

Friday, April 14

INSTITUTION OF CHEMICAL ENGINEERS (at the May Fair Hotel, Berkeley Street, London, W.1), at 11 a.m.—Twenty-eighth Annual Corporate Meeting; at 12 noon: Prof. D. M. Newitt, F.R.S.: "Technology and the State" (Presidential Address).

BIOCHEMICAL SOCIETY (in the Department of Biochemistry and Pharmacology, University College, Dublin), at 3.15 p.m.—Scientific Papers.

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

INSTITUTION OF MECHANICAL ENGINEERS, HYDRAULICS GROUP (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. H. L. Milner: "Recent Development of the Hydraulic Variable Pitch Propeller".

Friday, April 14—Sunday, April 16

PREHISTORIC SOCIETY (at the University of London Institute of Archaeology, Inner Circle, Regent's Park, London, N.W.1).—Conference on "The Older Stone Ages—Recent Trends and Discoveries".

Saturday, April 15

ROYAL PHOTOGRAPHIC SOCIETY, SCIENTIFIC AND TECHNICAL GROUP (joint meeting with the SCIENCES COMMITTEE OF THE SCIENTIFIC FILM ASSOCIATION, at the University of London Institute of Education, Malet Street, London, W.C.1), at 10 a.m.—Discussion on "Photography and Cinematography by Invisible Radiation".

INSTITUTION OF CHEMICAL ENGINEERS, NORTH-WESTERN BRANCH (in the Reynolds Hall, College of Technology, Manchester) at 3 p.m.—Mr. G. E. Charlish and Mr. E. J. Heeley: "Acid Resistant Vitreous Enamelled Chemical Plant—Some Observations on the Enamel Layers".

## APPOINTMENTS VACANT

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

HONOURS SCIENCE GRADUATE to teach Biology to at least Intermediate B.Sc. and First M.B. standard, together with Physics and/or Mathematics to Intermediate B.Sc. level—The Principal, Technical College, Brunswick Road, Gloucester (April 15).

PHYSICIST (with a first- or second-class honours degree) on a specialist staff dealing with physical work connected with gas works practice—The Divisional Manager, West Midlands Gas Board, Birmingham Division, Gas Offices, Edmund Street, Birmingham 3 (April 15).

RESEARCH ASSISTANT (with degree in botany or agriculture) for field experiments on mineral deficiencies affecting crops—The Secretary, School of Agriculture, Cambridge (April 1).

SENIOR ASSISTANT IN ORGANIC CHEMISTRY at the Coventry Technical College—The Director of Education, Council House, Coventry (April 15).

SENIOR SCIENTIFIC OFFICER IN THE NUTRITION DEPARTMENT, for studies of the energy, nitrogen and mineral metabolism of cattle—The Secretary, Hannah Dairy Research Institute, Kirkhill, Ayr (April 18).

UNIVERSITY LECTURERS OR UNIVERSITY DEMONSTRATORS IN THE DEPARTMENT OF ENGINEERING—The Secretary of the Appointments Committee, Engineering Laboratory, Cambridge (April 19).

RESEARCH ASSISTANT (with a degree in chemistry, biochemistry or physiology) IN THE DEPARTMENT OF CHEMICAL PATHOLOGY—The Secretary, Bristol Royal Infirmary, Bristol (April 24).

CHIEF CHEMIST—The Chief Engineer, Colne Valley Sewerage Board, Maple Lodge, Rickmansworth, Herts, quoting Ref. A (April 25).

DEPUTY BIOCHEMIST (with postgraduate training in research and/or considerable experience in clinical biochemistry)—The Secretary, Queen Elizabeth Hospital, Edgbaston, Birmingham 15 (April 25).

LECTURER IN CHEMISTRY (chiefly physical and inorganic), a LECTURER IN PHYSICS, and a LECTURER IN METALLURGY—The Registrar, Nottingham and District Technical College, Shakespeare Street, Nottingham (April 28).

KEEPER OF VERTEBRATE ZOOLOGY in the Museums Department—The Town Clerk, Municipal Buildings, Liverpool 2 (April 29).

LECTURERS IN SCIENCE, and LECTURERS IN MATHEMATICS, at the Royal Military Academy, Sandhurst—The Secretary, Civil Service Commission, Burlington Gardens, London, W.1, quoting No. 3020 (April 29).

PROFESSOR OF APPLIED MECHANICS—The Registrar, The University, Sheffield (April 29).

READER IN BIOCHEMISTRY in the John Curtin School of Medical Research—The Administrative Officer in the U.K., Australian National University, 6 Gordon Square, London, W.C.1 (April 30).

DIRECTOR OF THE SOUTH AFRICAN WOOL TEXTILE RESEARCH INSTITUTE—The Secretary, South African Wool Board, P.O. Box 1378, Pretoria, South Africa (May 1).

LECTURER IN GENERAL BACTERIOLOGY—The Registrar, University College, Cathays Park, Cardiff (May 1).

UNIVERSITY LECTURER IN THEORETICAL PHYSICS, and an ASSISTANT DIRECTOR OF RESEARCH IN RADIO-PHYSICS—The Secretary of the Appointments Committee, University Chemical Laboratory, Pembroke Street, Cambridge (May 1).

REGIUS PROFESSOR OF MATHEMATICS in the United College of the University of St. Andrews—The Private Secretary, St. Andrew's House, Edinburgh 1 (May 19).

ASSISTANT LECTURER IN PHILOSOPHY—The Registrar, University College, Singleton Park, Swansea (May 22).

CHAIR OF SOCIAL ADMINISTRATION at the London School of Economics and Political Science—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 22).

LECTURERS (3) IN PHYSIOLOGY—The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (May 24).

BURSARIES (2) for research in physical chemistry, at the Imperial College of Science and Technology, and a BURSARY for postgraduate research in the constitution of certain alloys, at the Inorganic Chemistry Laboratory of Oxford University—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.

CHIEF METALLURGIST, and a PHYSICIST—The British Welding Research Association, 29 Park Crescent, London, W.1.

ENTOMOLOGIST for duty with the Colonial Insecticides Research Unit in Tanganyika or Uganda—The Under-Secretary of State, Colonial Office, Research Department, Sanctuary Buildings, Great Smith Street, London, S.W.1.

HEAD OF THE DEPARTMENT OF PHYSIOLOGY—The Clerk to the Governors, Chelsea Polytechnic, Manresa Road, London, S.W.3.

LECTURER IN CHEMISTRY—The Registrar, Municipal College, Portsmouth.

LECTURER IN SOCIAL PHILOSOPHY—The Registrar, The University, Nottingham.

RESEARCH OFFICERS (male or female) for experimental work on small scale combustion equipment—The Assistant Secretary, British Coal Utilisation Research Association, Randalls Road, Leatherhead, Surrey.

SCIENTIFIC ASSISTANT (university graduate in science or agriculture) for abstracting, indexing, proof reading—The Director, Commonwealth Bureau of Animal Nutrition, Rowett Research Institute, Bucksburn, Aberdeenshire.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Fluid Handling. (Monthly.) No. 1, December 1949. Pp. 44 + viii. (London: Binjon Press, 1949.) Annual subscription, 20s. [3012]

British Museum. (Natural History). Economic Series No. 15: Common Insect Pests of Stored Food Products; a Guide to their Identification. By Dr. H. E. Hinton and Dr. A. Steven Corbet. Second edition. Pp. iii + 52. (London: British Museum (Natural History), 1949.) [51]

Experimental and Research Station, Cheshunt. Annual Report (Thirty-fourth Year), 1948. Pp. 90 + 4 plates. (Cheshunt: Nursery and Market Garden Industries Development Society, Ltd., 1949.) [51]

## Other Countries

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 237: Heating in Stored Wheat. By Joan Milthorpe and Dr. E. N. Robertson. Pp. 35. (Melbourne: Government Printer, 1948.) [2812]

Nyasaland Protectorate. Annual Report of the Geological Survey for the Year 1948. Pp. 2. (Zomba: Government Printer, 1949.) [2812]

Memoirs of the Indian Meteorological Department. Vol. 27, Part 5: Monthly and Annual Normals of Rainfall and of Rainy Days based on Records up to 1940. Pp. 101-298. (Delhi: Manager of Publications, 1949.) 8 rupees; 13s. [2812]

Records of the Botanical Survey of India. Vol. 15, Part 1: Common Fresh and Brackish Water Algal Flora of India and Burma. By Dr. Kalipada Biswas. Pp. viii + 105 + 10 plates. (Delhi: Manager of Publications, 1949.) 9.10 rupees; 15s. [2812]