

APPOINTMENTS VACANT

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting of the MEASUREMENTS and SUPPLY SECTIONS, at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Papers.

SOCIETY OF CHEMICAL INDUSTRY, CHEMICAL ENGINEERING GROUP (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. E. F. Edson: "Radiation Hazards and their Control".

SIR HALLEY STEWART TRUST LECTURE (at the Memorial Hall, Farringdon Street, London, E.C.4), at 6 p.m.—Prof. D. W. Brogan: "The Atomic Age—America as Atlas".*

Wednesday, December 8

PHYSICAL SOCIETY, COLOUR GROUP (in the Large Physics Lecture Theatre, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 3 p.m.—Scientific Papers.

MANCHESTER STATISTICAL SOCIETY (at the Reform Club, King Street, Manchester), at 5.30 p.m.—Air Vice-Marshal Donald Bennett: "Order in the British Air".

ILLUMINATING ENGINEERING SOCIETY (at Gas Industry House, 1 Grosvenor Place, London, S.W.1), at 6 p.m.—Reports and Discussion on the 1948 Meeting of the International Commission on Illumination.

SOCIETY OF INSTRUMENT TECHNOLOGY, NORTH-WEST SECTION (at the College of Technology, Manchester), at 7.30 p.m.—Mr. Longworth: "Functional and Performance Characteristics of Automatic Temperature Control".

Thursday, December 9

PHYSICAL SOCIETY (at the Laboratories of the Metropolitan-Vickers Electrical Co., Trafford Park, Manchester), at 9.45 a.m.—Scientific Papers.

LINNEAN SOCIETY OF LONDON (joint meeting with the ROYAL ENTOMOLOGICAL SOCIETY, at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Discussion on "The Bearing of the Parasite-Host Relationship in Taxonomy" (to be opened by Mr. G. H. E. Hopkins, Dr. J. Ramsbottom and Dr. O. W. Richards).

ROYAL SOCIETY OF MEDICINE (at 1 Wimpole Street, London, W.1), at 5 p.m.—Discussion on "Colour Vision in Industry" (to be opened by Prof. W. J. B. Riddell, Prof. H. Hartridge, F.R.S., Dr. W. D. Wright and Dr. Leslie Norman).

CHEMICAL SOCIETY (joint meeting with the LOCAL SECTIONS of the ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, in the Chemistry Lecture Theatre, The University, Manchester), at 6.30 p.m.—Prof. C. K. Ingold, F.R.S.: "Aromatic Nitration".

TEXTILE INSTITUTE, MIDLANDS SECTION (joint meeting with the COVENTRY TEXTILE INSTITUTE, at St. George's Hall, Nuneaton), at 6.45 p.m.—Mr. A. Y. Shirat: "Increasing Production in the Textile Industry by Training and Production Study".

ROYAL PHOTOGRAPHIC SOCIETY, SCIENTIFIC AND TECHNICAL GROUP (at 16 Princes Gate, London, S.W.7), at 7 p.m.—Dr. R. H. Herz: "The Action of X-Rays and Electrons on the Photographic Emulsion".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (joint meeting with the AGRICULTURE GROUP, at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 7 p.m.—Dr. W. A. Sexton: "The Chemistry of Plant Growth Regulators".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.15 p.m.—Scientific Papers.

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGICAL PANEL OF THE FOOD GROUP (joint meeting with the NOTTINGHAM SECTION of the S.C.I., at the Nottingham Gas Show Rooms, Nottingham), at 7.15 p.m.—Mr. F. C. Bowden: "Some Properties of Plant Viruses".

CHEMICAL SOCIETY, EDINBURGH SECTION (joint meeting with the LOCAL SECTIONS of the ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, in the North British Station Hotel, Edinburgh), at 7.30 p.m.—Dr. D. W. Kent-Jones: "Bread and its Influence on History".

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Prof. G. Crowden: "A Survey of Physiological Studies of Mental and Physical Work in Hot and Humid Environments".

Friday, December 10

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

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at Storey's Gate, St. James's Park, London, S.W.1), at 6 p.m.—General Review of "Fluid Flow through Granular Beds" (Discussion based on papers by Dr. H. E. Rose and Dr. A. M. A. Rizk).

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Literary and Philosophical Society, Newcastle-upon-Tyne), at 6.15 p.m.—Dr. T. W. F. Brown: "British Marine Gas Turbines" (Parsons Memorial Lecture).

INSTITUTE OF PHYSICS, MANCHESTER AND DISTRICT BRANCH (in the New Physics Theatre, The University, Manchester), at 7 p.m.—Brigadier R. A. Bagnold, F.R.S.: "Model Scale Experiments on Waves and Beaches".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. E. K. Rideal, F.R.S.: "The Emission of Light in Chemical Reactions".

Saturday, December 11

BRITISH PSYCHOLOGICAL SOCIETY (in the Hastings Hall, Tavistock House, Tavistock Square, London, W.C.1), at 2.30 p.m.—Prof. G. Humphrey: "Some Problems in the Modern Theory of Learning".

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 2.30 p.m.—Mr. Percy Edwards: "British Wild Birds and their Voices" (Pictures and Voices).*

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

SENIOR LECTURER IN PHYSICS at the Ministry of Supply School of Electronics—The Chief Superintendent, Telecommunications Research Establishment, Great Malvern, Worcs., quoting 5/138/JFA (December 11).

LECTURER (Grade IIc) IN CHEMISTRY—The Secretary, The University, Edmund Street, Birmingham 3 (December 11).

DEPUTY LABORATORY STEWARD FOR THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Liverpool (December 11).

ELECTRONIC PHYSICISTS and ELECTRONIC ENGINEERS (in the Senior Scientific Officer, Scientific Officer, Experimental Officer and Assistant Experimental Officer grades) in Ministry of Supply research and development establishments mainly in Hampshire, Worcestershire and Kent—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.161/48A (December 11).

LABORATORY STEWARD to take charge of the maintenance of Physics and Chemistry Laboratories—The Warden, Goldsmiths' College, New Cross, London, S.E.14 (December 11).

SENIOR SCIENTIFIC OFFICERS, SCIENTIFIC OFFICERS, EXPERIMENTAL OFFICERS, ASSISTANT EXPERIMENTAL OFFICERS and SCIENTIFIC ASSISTANTS in the Air Ministry Soil Testing Laboratory under the Directorate General of Works in London or the Provinces—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.487/48 (December 13).

DEPUTY SURVEY OFFICER at the Coal Survey Laboratory, Cardiff—The National Coal Board, Establishment (General) Branch, Hobart House, Grosvenor Place, London, S.W.1, quoting TT/103 (December 13).

TEACHER OF CHEMISTRY for matriculation and intermediate science classes—The Principal, Norwood Technical College, Knight's Hill, London, S.E.27 (December 13).

ASSISTANT LECTURER IN PHILOSOPHY—The Registrar, The University, Leeds 2 (December 13).

ASSISTANT WARDEN for duty at Juniper Hall Field Centre, near Dorking—The Director, Council for the Promotion of Field Studies, 10 Exhibition Road, London, S.W.7 (December 14).

CROMBIE-ROSS CHAIR OF MENTAL HEALTH—The Secretary, The University, Aberdeen (December 15).

LECTURER IN MECHANICAL ENGINEERING, a LECTURER IN CIVIL ENGINEERING, a LECTURER IN ELECTRICAL ENGINEERING, and a LECTURER IN AUTOMOBILE ENGINEERING, at the Technical Institute, Yaba, near Lagos—The Director of Recruitment, Colonial Service, Sanctuary Buildings, Great Smith Street, London, S.W.1 (December 18).

CANDIDATES for two posts in the Directorate of Scientific Control to carry out operational research—The National Coal Board, Establishment (General) Branch, Hobart House, Grosvenor Place, London, S.W.1, quoting TT/110 (December 20).

DEPUTY CITY BACTERIOLOGIST—The Town Clerk, Municipal Buildings, Dale Street, Liverpool 2, endorsed "Deputy City Bacteriologist" (December 20).

KEEPER OF ART, a KEEPER OF ANTIQUITIES, a KEEPER OF GEOLOGY, a SCHOOLS SERVICE ORGANISER, and an ASSISTANT KEEPER OF ART—The Director, Museum and Art Gallery, New Walk, Leicester (December 29).

CHEMISTS, CHEMICAL ENGINEERS and FUEL TECHNOLOGISTS at the Dominion Laboratory, Wellington—The High Commissioner for New Zealand, 415 Strand, London, W.C.2 (December 30).

CANDIDATES (Experimental Officer and Assistant Experimental Officer grades) for indexing and abstracting literature and official reports and supplying research workers with information—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.381/48A (December 30).

PROFESSOR OF BOTANY—The Secretary and Registrar, University College of North Wales, Bangor (December 31).

NEW ZEALAND RESEARCH FELLOWSHIP—Research Applications, British Federation of University Women, 17a King's Road, London, S.W.3 (January 1).

ECONOMIC BOTANIST IN THE DEPARTMENT OF AGRICULTURE, Fiji—The Director-General of Recruitment, Colonial Office, Sanctuary Buildings, London, S.W.1.

CANDIDATE with a special interest in and general knowledge of the Rhynchota to undertake determinations and possibly later a certain amount of systematic revisionary work in that order of insects—The Director, Commonwealth Institute of Entomology, 41 Queen's Gate, London, S.W.7.

DEPARTMENTAL DEMONSTRATOR IN PHYSICAL ANTHROPOLOGY—The Professor, Department of Human Anatomy, The University, Oxford.

LECTURER IN HORTICULTURE at the Kent Farm Institute, Sittingbourne—The County Education Officer, Springfield, Maidstone.

ASSISTANT MANAGER (Production), a TECHNICAL RECORDS OFFICER, and a WORKS ENGINEER (Maintenance), in the DEPARTMENT OF ATOMIC ENERGY at Windscale Works, Sellafield, Cumberland—The Staff Section, Ministry of Supply, Department of Atomic Energy, Risley, Warrington, Lanes.

ABSTRACTORS (male and female)—The Secretary, British Shipbuilding Research Association, 5 Chesterfield Gardens, London, W.1.

EXPERIENCED METALLURGIST for the application of research results to industrial practice—The Secretary, British Non-Ferrous Metals Research Association, 81-91 Euston Street, London, N.W.1.

TECHNICIAN (Grade II) in the DEPARTMENT OF CIVIL ENGINEERING—The Secretary, University College, Gower Street, London, W.C.1, quoting "Civil Engineering/1".

VISITING DEMONSTRATOR IN BACTERIOLOGY—The Secretary, King's College of Household and Social Science, Campden Hill Road, London, W.8.

METEOROLOGIST for Directorate of Civil Aviation, Government of Iraq—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.22047/3E.