

Tuesday, April 5—Friday, April 8

PHYSICAL SOCIETY (in the Physics Department, Imperial College of Science and Technology, South Kensington, London, S.W.7).—Annual Exhibition of Scientific Instruments and Apparatus.

Wednesday, April 6

ROYAL MICROSCOPICAL SOCIETY (in the Hastings Hall, B.M.A. House, Tavistock Square, London, W.C.1), at 5 p.m.—Demonstrations and Scientific Papers.

ROYAL METEOROLOGICAL SOCIETY (in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 6 p.m.—Dr. G. M. B. Dobson, F.R.S.: "Some Solar and Terrestrial Relationships".*

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at Gas Industry House, 1 Grosvenor Place, London, S.W.1), at 7 p.m.—Papers on the Estimation of Penicillin.

Wednesday, April 6—Friday, April 8

INSTITUTION OF NAVAL ARCHITECTS (on board the *Wellington*, Headquarters Ship of the Honourable Company of Master Mariners, Temple Stairs, Victoria Embankment, London, W.C.2), at 10.15 a.m. each day. (On Friday, April 8, at 2.30 p.m., the meeting will be held jointly with the Institute of Marine Engineers.)

Thursday, April 7

ROYAL INSTITUTE OF CHEMISTRY, LONDON AND S.E. COUNTIES SECTION (joint meeting with the LUTON SCIENTIFIC ASSOCIATION, in the Public Library Lecture Hall, Luton), at 7.30 p.m.—Dr. E. Lester Smith: "Recent Developments in Biochemical Research".

Friday, April 8

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

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 6 p.m.—Mr. J. H. A. Crockett and Mr. R. E. R. Hammond: "The Dynamic Principles of Machine Foundations and Ground".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. P. M. S. Blackett, F.R.S.: "Magnetic Field of Large Rotating Bodies".

Friday, April 8—Saturday, April 9

MINERALOGICAL SOCIETY, CLAY MINERALS GROUP (in the Physics Department, The University, Leeds).—Discussion on "Clay Minerals and Colloid Chemistry".

Friday, April 8

At 10 a.m.—Visits to Laboratories; at 2.30 p.m.—Scientific Session.

Saturday, April 9

At 9.30 a.m.—Scientific Session.

Saturday, April 9

INSTITUTION OF CHEMICAL ENGINEERS, NORTH-WESTERN BRANCH (at the College of Technology, Manchester), at 3 p.m.—Mr. G. B. Cox: "An Approach to the Problem of Counter-Current Fat Splitting by the Twitchell Process".

APPOINTMENTS VACANT

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

LECTURER IN SCIENCE, mainly Biology, at the Folkestone Training College—The County Education Officer, Springfield, Maidstone (April 9).

LECTURERS IN (a) MECHANICAL ENGINEERING, (b) ELECTRICAL ENGINEERING, (c) CHEMISTRY, (d) PHYSICS (2), (e) MATHEMATICS, (f) BOTANY/ZOOLOGY, and SENIOR ASSISTANTS IN (a) MECHANICAL ENGINEERING, with ability to teach management subjects, (b) PHYSICAL CHEMISTRY, at the Constantine Technical College—The Director of Education, Education Offices, Woodlands Road, Middlesbrough (April 9).

ELECTRONIC PHYSICISTS and ELECTRONIC ENGINEERS (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 (April 9).

RESEARCH ASSISTANT IN APPLIED ELECTROPHYSIOLOGY in the Department of Psychological Medicine—The Registrar, King's College, Newcastle-upon-Tyne (April 9).

SUPERINTENDENT (Plans), a SUPERINTENDENT (Research and Development), a PRINCIPAL OFFICER (Optical Apparatus), a PRINCIPAL OFFICER (Range Facilities), and a RESEARCH OFFICER (Publications), in the Long Range Weapons Establishment, South Australia—The Australian Munitions Representative, Canberra House, 87 Jermyn Street, London, S.W.1 (April 11).

ASSISTANTS (3) IN THE DEPARTMENT OF CHEMISTRY, University College, Dundee (one assistant to specialize in organic chemistry, one in physical chemistry, and one in inorganic chemistry)—The Secretary, The University, St. Andrews (April 15).

INSPECTOR OF POST PRIMARY SCHOOLS, Education Department, Wellington—The Office of the High Commissioner for New Zealand, 415 Strand, London, W.C.2 (April 15).

LECTURERS (2) IN MATHEMATICS—The Registrar, King's College, Newcastle-upon-Tyne (April 16).

MATHEMATICIANS and MATHEMATICAL PHYSICISTS (Scientific Officer grade) for work in solid and fluid mechanics and high-speed gas dynamics, statistical mechanics and quantum theory, statistics, at Ministry of Supply Research and Development Establishments in and near London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.392/48A (April 16).

UNIVERSITY LECTURER or a UNIVERSITY DEMONSTRATOR IN THE ENGINEERING DEPARTMENT—The Secretary of the Appointments Committee, Engineering Laboratory, Cambridge (April 19).

LECTURER IN BOTANY, and a LECTURER IN ZOOLOGY—The Secretary, University of Durham, 38 North Bailey, Durham (April 20).

PHYSICISTS and ELECTRICAL ENGINEERS (Senior Scientific Officer and Scientific Officer grades) with experience or special interest in radio and radar research, miniaturization, VHF technique, aerial design, electronic circuit theory, electronic measurements, or digital computing mechanisms, at the Royal Aircraft Establishment, Farnborough, and other establishments in South England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.436/48A (April 30).

ASSISTANT CURATOR (male) for the Botany Department of the Natural History Museum—The Town Clerk, The Guildhall, Nottingham (April 30).

EXPERIMENTAL OFFICERS and ASSISTANT EXPERIMENTAL OFFICERS at the Atomic Energy Research Establishment, Harwell, to assist in the technical work of the Director's office and Information Service—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.60/49A (April 30).

LECTURER IN THE DEPARTMENT OF BIOCHEMISTRY—The Secretary, The University, Edinburgh (April 30).

HEAD OF THE BIOLOGICAL SECTION of the Ministry of Labour and National Service Technical and Scientific Register—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.351/48A (April 30).

MATHEMATICIANS (Senior Scientific Officer grade) for (a) theoretical investigation into the detonation of explosives, (b) numerical analysis of problems in applied mathematics, (c) work on fluid mechanics, at a Ministry of Supply Research and Development Establishment near London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.391/48A (April 30).

DEPUTY CURATOR at the Horniman Museum, London Road, London, S.E.23—The Education Officer (EO/Estab. 2), The County Hall, Westminster Bridge, London, S.E.1 (April 30).

READERSHIP IN EXPERIMENTAL PHYSICS at Queen Mary College—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 2).

DEMONSTRATOR IN THE DEPARTMENT OF ENTOMOLOGY—The Assistant Dean, London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1 (May 31).

ROYAL DUTCH SHELL STUDENTSHIP IN GEOPHYSICS—The Registrar, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7 (June 1).

SCIENTIFIC OFFICERS, EXPERIMENTAL OFFICERS, and ASSISTANT EXPERIMENTAL OFFICERS, on the research staff of the Ministry of Agriculture and Fisheries Grassland Improvement Station—The Secretary, Grassland Improvement Station, Stratford-on-Avon.

HISTOLOGICAL TECHNICIAN in the Department of Clinical Pathology—Dr. D. H. Collins, The Medical School, Leeds 2.

SENIOR TECHNICIAN (Grade A) in the PHYSIOLOGY DEPARTMENT—The Secretary, Marischal College, Aberdeen.

LECTURER IN THE DEPARTMENT OF BIOLOGY—The Principal, Huddersfield Technical College, Queen Street South, Huddersfield.

PLANT PATHOLOGIST in Jamaica to continue investigations already initiated into Panama disease of bananas—The Under-Secretary of State, Colonial Office, Research Department, Sanctuary Buildings, Great Smith Street, London, S.W.1.

RESEARCH SCHOLARSHIPS (2) in the DEPARTMENT OF PHARMACOLOGY—The Head of the Department of Pharmacology, The University, Birmingham.

LECTURER IN MATHEMATICS—The Principal, West Ham Municipal College, Romford Road, Stratford, London, E.15.

SENIOR LABORATORY TECHNICIAN in the PATHOLOGICAL LABORATORY—The Medical Director, Marie Curie Hospital, 66 Fitzjohn's Avenue, London, N.W.3.

PHYSICIST to join a research team in Sheffield investigating rolling mill problems—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting "Rolling Mill".

MANAGING CHEMIST to take charge of the metallurgical development laboratories at the Ministry of Supply Springfields Factory, Salwick, Preston—The Staff Section, Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Catalogues

A Catalogue of Books and Periodicals on all branches of Zoology, Geology, Palaeontology and Botany. (No. 659.) Pp. 108. (London: Bernard Quaritch Ltd., 1948.) 6d.

Industrial Plan in Glass. Pp. 58. (London: Quickfit and Quartz, Ltd., 1948.)

Selective Direct-Reading Torsion Balances. Pp. 6. (London: White Electrical Instrument Co., Ltd., 1948.)

The Place Middle East Oil will occupy in World Markets. By C. J. Bauer. (Esso Publication, D.1.) Pp. 24. (London: Anglo-American Oil Co., Ltd., 1948.)

Technique. Vol. 2, No. 4, October. Pp. 25-32. (Beckenham: Muirhead and Co., Ltd., 1948.)