

Another selective reagent, toluene-3:4-dithiol, is found to give a green complex with rhenium (and also with molybdenum) and a blue one with tungsten (Miller, *Analyst*, 69, 112; 1944). The *K*-absorption limit for rhenium is reported to be 172.66 by Manescu (*C.R. Acad. Sci.*, 216, 732; 1943) who examined its salts between 'Cellophane' sheets using a potential of 100–125 kV.

According to Naray-Szabo, rhenium trioxide crystals are cubic (*Naturw.*, 31, 466; 1943).

## FORTHCOMING EVENTS

Saturday, June 30

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY (at the Alliance Hall, Westminster, London, S.W.1), at 2.30 p.m.—Mr. H. White: "Make the Photograph tell a Story".

Friday, July 6

PHYSICAL SOCIETY (at the Royal Institution, Albemarle Street, London, W.1), at 5 p.m.—Prof. Arturo Duperier: "The Geophysical Aspect of Cosmic Rays" (29th Guthrie Lecture) (Fellows of the Royal Astronomical Society and members of the Royal Meteorological Society are also invited to attend).

Saturday, July 7

SOUTH-EASTERN UNION OF SCIENTIFIC SOCIETIES (at the Rothamsted Experimental Station, Harpenden), at 9.30 a.m.—Fiftieth Annual Congress. Prof. W. G. Ogg: "Some Aspects of the Work at Rothamsted".

INSTITUTE OF PHYSICS (LONDON AND HOME COUNTIES' BRANCH) (in the Physics Department, Imperial College of Science and Technology, South Kensington, London, S.W.7), at 2 p.m.—Discussion on "The Corrosion of Metals".

## APPOINTMENTS VACANT

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

CIVIL ENGINEER by the British Overseas Airway Corporation, for control and supervision of civil engineering and building work in the India and Burma Region—The Ministry of Labour and National Service, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2, quoting E.1659.XA (July 6).

LECTURER (full-time) IN ELECTRICAL ENGINEERING—The Principal, Handsworth Technical College, Golds Hill Road, Birmingham, 21 (July 7).

LECTURER-IN-CHARGE OF THE CHEMISTRY DEPARTMENT EVENING CLASSES in the East Ham Technical College, to be responsible for organization and development of part-time courses up to Higher National Certificate standard and courses in both Pure and Applied Chemistry—The Chief Education Officer, Education Office, Town Hall Annex, Barking Road, East Ham, London, E.6 (July 7).

ASSISTANT LECTURERS IN BOTANY, GEOGRAPHY (climatology and cartography), and ZOOLOGY—The Registrar, University College, Exeter (July 9).

BOROUGH ELECTRICAL ENGINEER AND MANAGER—The Town Clerk, Town Hall, Leigh, Lancashire (endorsed 'Borough Electrical Engineer and Manager') (July 10).

WATER ENGINEER AND MANAGER—The Town Clerk, Council Offices, North Street, Chichester, Sussex (endorsed 'Appointment of Water Engineer') (July 11).

DIRECTOR OF WORKS by a Governmental Office (candidates must be Corporate Members of the Institution of Civil Engineers and must have had experience in carrying out constructional work abroad)—The Ministry of Labour and National Service, Appointments Department A.9, Room 5/17, Sardinia Street, Kingsway, London, W.C.2, quoting E.1700.A (July 13).

ASSISTANT ADVISER IN PLANT PATHOLOGY—Prof. R. G. White, School of Agriculture, University College of North Wales, Bangor (July 14).

DEMONSTRATOR IN THE PHYSICS DEPARTMENT, for general teaching duties—The Dean, Guy's Hospital Medical School, London Bridge, London, S.E.1 (July 14).

LECTURER IN PHYSICS—The Principal, Royal Holloway College, Englefield Green, Surrey (July 14).

GARDENING INSTRUCTRESS for a County Technical School for Girls with a demonstration garden at Chislehurst—The County Education Officer, Springfield, Maidstone (July 14).

ASSISTANT LECTURER IN CHEMISTRY, and an ASSISTANT LECTURER IN CLOTH MANUFACTURE, at the Bradford Technical College—The Director of Education, Town Hall, Bradford (July 14).

ASSISTANT LIBRARIAN in the University Library, and a SUB-LIBRARIAN in the Faculty of Engineering—The Registrar, The University, Liverpool (July 15).

PROFESSOR OF CHEMICAL TECHNOLOGY at the University of Madras—The Registrar, University of Madras, Chepauk, Triplicane, Madras (by Air, July 15; copy to the High Commissioner for India, General Department, India House, Aldwych, London, W.C.2).

LIBRARIAN—The Secretary, The University, 38 North Bailey, Durham (July 16).

ASSISTANT LECTURER IN HORTICULTURE with special qualifications in Horticultural Machinery—The Registrar, The University, Reading (July 16).

RESEARCH OFFICER FOR SPECTROSCOPIC INVESTIGATIONS, Division of Industrial Chemistry, Council for Scientific and Industrial Research, Melbourne—The Secretary, Australian Scientific Research Liaison Office, Australia House, Strand, London, W.C.2 (July 16).

LECTURER IN GEOGRAPHY (with special qualifications in Cartography)—The Registrar, The University, Reading (July 16).

LECTURER (or ASSISTANT LECTURER, according to qualifications) IN THE DEPARTMENT OF BOTANY—The Secretary, King's College, Strand, London, W.C.2 (July 20).

SECOND ASSISTANT PETROLEUM TECHNOLOGIST in Trinidad—The Ministry of Labour and National Service, Appointments Department A.9, Room 5/17, Sardinia Street, Kingsway, London, W.C.2, quoting F.4411.A (July 21).

SCIENTIFIC ASSISTANT—The Deputy Director, Imperial Bureau of Dairy Science, Shinfield, Reading, Berks (July 21).

UNIVERSITY LECTURER IN GEOLOGY—The Secretary of the Appointments Committee of the Faculty of Geography and Geology, Department of Mineralogy and Petrology, Cambridge (July 30).

SECRETARY TO THE UNIVERSITY COUNCIL—The Secretary, University Registry, Cathays Park, Cardiff (July 31).

LECTURESHIP IN CHEMISTRY—The Registrar, Trinity College, Dublin (August 20).

WARDEN OF CREWE HALL (The University Hall of Residence for Men) who must be a graduate and will be required to take some part in University teaching—The Registrar, The University, Sheffield (August 31).

CHAIR OF MEDICINE in the University—The Registrar, The University, Sheffield (October 31).

CHAIR OF SURGERY tenable at the British Postgraduate Medical School—The Academic Registrar, University of London, Richmond College, Richmond, Surrey (January 1).

LECTURER IN CHEMISTRY, with qualifications in Organic Chemistry—The Registrar, University College, Exeter.

LABORATORY ASSISTANT (man or woman) FOR THE BIOLOGY DEPARTMENT—The Warden and Secretary, London (Royal Free Hospital) School of Medicine for Women, 8 Hunter Street, London, W.C.1.

LABORATORY APPRENTICES (boys or girls) IN THE DEPARTMENTS OF BOTANY, PHYSICS, PHYSIOLOGY AND ZOOLOGY—The Secretary, Bedford College for Women, Regent's Park, London, N.W.1.

RESEARCH MANAGER, a CHIEF CHEMIST, CHEMISTS and PHYSICISTS (2 or 3) with some years research experience, and several JUNIOR CHEMISTS and PHYSICISTS—The Director, Paint Research Station, Waldegrave Road, Teddington, Middx.

TEACHER IN ENGINEERING SUBJECTS up to Higher National Certificate standard in day, part-time, and evening classes—The Principal, Erith Technical College, Belvedere, Kent.

TEACHER (well qualified) OF SCIENCE—The Principal, Technical Institute, Tunbridge Wells.

LECTURER (full-time) IN THE PHYSICS DEPARTMENT—The Secretary, Northampton Polytechnic, St. John Street, London, E.C.1.

HEAD OF THE ENGINEERING DEPARTMENT—The Registrar, Municipal College, Portsmouth.

TEACHER (full-time, day and evening) OF ENGINEERING SUBJECTS in the Harrogate Technical Institute—W. E. C. Jalland, Municipal Offices, Harrogate.

TEACHER OF ENGINEERING SUBJECTS, including Workshop Practice and Drawing, and a TEACHER OF ELECTRICAL ENGINEERING SUBJECTS in Day and Evening Classes, in the Mexborough Schofield Technical College—E. B. Stockdale, Education Office, Mexborough, Yorks.

ASSISTANT LECTURER IN AGRICULTURE, and an ASSISTANT LECTURER IN AGRICULTURAL BOTANY—The Registrar, University College of Wales, Aberystwyth.

LECTURERS (full-time) IN GENERAL ENGINEERING SUBJECTS to Higher National Certificate standard, ELECTRICAL SUBJECTS to University Degree standard, and PHILOSOPHY (candidates should possess a good Degree in Philosophy or Psychology and be able to take a class in Elementary Logic)—The Clerk to the Governors, South-West Essex Technical College and School of Art, Forest Road, Walthamstow, London, E.17.

TEACHER (well qualified) OF MECHANICAL ENGINEERING, and a TEACHER (well qualified) OF ELECTRICAL ENGINEERING—The Principal, Technical Institute, Darnley Road, Gravesend.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Association for Planning and Regional Reconstruction. Review No. 5 (A.5): Resources of the Sea. Pp. 41. (London: Association for Planning and Regional Reconstruction, 1945.) [26]

Imperial Bureau of Pastures and Forage Crops. Bulletin No. 53: Ley Farming in Sweden; a Field Day at Svalöf. Pp. 44. (Aberystwyth: Imperial Agricultural Bureaux, 1945.) 3s. [26]

Proceedings of the Science (Research) Society. No. 3: Report of the Biological Panel. Pp. 22. (Richmond: Science (Research) Society, 1945.) 1s. [26]

National Institute for Research in Dairying. Report for the Three Years 1941, 1942 and 1943. Pp. x+68. (Shinfield: National Institute for Research in Dairying, 1945.) [26]

U.S. Office of War Information. Symposium on Recent Advances in Medicine. Pp. vi+260. Symposium on Recent Advances in Surgery. Pp. vi+229. (Reprints from the Medical Clinics of North America for 1944.) (London: U.S. Office of War Information, 1944.) [26]

### Catalogue

Brochure of Mass Miniature Radiography. Pp. 34. (London: Watson and Sons (Electro-Medical), Ltd., 1945.)