

## APPOINTMENTS VACANT

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

**MANAGER** (graded as Senior Experimental Officer) (with H.S.C. (science) or equivalent, and with experience in nuclear or reactor physics, and technical administration) OF THE REACTOR SCHOOL, to take responsibility for the day-to-day running of the school and act as secretary to the Management Board, arrange the course syllabus in conjunction with the lecturers and the Board, assist the physics lecturer in tutorial work and supervise the practical class associated with the school—The Establishment Officer, Atomic Energy Research Establishment, Harwell, Berks, quoting 2/103/22 (August 13).

**ASSISTANT LECTURER IN THE DEPARTMENT OF PURE MATHEMATICS**—The Registrar, University College of Wales, Aberystwyth (August 14).

**LECTURER (grade 2) IN PHYSICAL METALLURGY**—The Secretary, The University, Birmingham 15 (August 14).

**LECTURER IN PHYSICAL AND INORGANIC CHEMISTRY**—The Registrar, The University, Hull (August 14).

**ASSISTANT LECTURER OR LECTURER IN METALLURGY**—The Registrar, The University, Leeds 2 (August 17).

**SENIOR LECTURER IN PHYSIOLOGY**—The Secretary of University Court, The University, Glasgow (August 20).

**ASSISTANT LECTURER** (with a specialized knowledge in algology) IN MARINE BIOLOGY, at the Marine Biological Station, Port Erin, Isle of Man—The Registrar, The University, Liverpool (August 21).

**RESEARCH MICROBIOLOGIST (Scientific Officer grade) IN THE DOMESTIC FOOD PRESERVATION SECTION** at the Long Ashton Research Station—The Registrar and Secretary, The University, Bristol 8 (August 21).

**SENIOR LECTURER IN PATHOLOGY** at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Australia, August 21).

**SENIOR LECTURER IN THE POSTGRADUATE SCHOOL OF MINING**—The Registrar, The University, Sheffield (August 21).

**SENIOR SCIENTIFIC OFFICER** (with a first- or second-class honours degree in engineering, hydro (or aero) dynamics and/or physics, or equivalent qualifications) IN THE MARINE LABORATORY of the Scottish Home Department, Aberdeen, to work in conjunction with the fisheries biologists in studying the effects of modifications of commercial fishing gear and in devising new types of modifications of gear to increase fishing efficiency, and be prepared to go to sea in the Department's research vessels or in commercial vessels—The Establishment Officer, Scottish Home Department, Room 364, St. Andrew's House, Edinburgh 1 (August 27).

**PRINCIPAL SCIENTIFIC OFFICER** (with an honours degree in science or civil engineering and a knowledge of applied mathematics and physics) with the Air Ministry, for work on soil mechanics, at Wellesbourne Mountford, Warwickshire—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting E.41/54/A (August 28).

**ASSISTANT IN BOTANY**—The Secretary of University Court, The University, Glasgow (August 31).

**RESEARCH FELLOWS IN EXPERIMENTAL NUCLEAR AND ELEMENTARY PARTICLE PHYSICS**—The Professor of Natural Philosophy, The University, Glasgow (August 31).

**LECTURER** (honours graduate, with a knowledge of advanced physical metallurgy, and an interest in X-ray metallography) IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Liverpool (September 1).

**LECTURER IN REFRACTORY MATERIALS** in the Department of Metallurgy—The Registrar, The University, Sheffield (September 4).

**ASSISTANT** (with an honours degree in electrical engineering and preferably with some practical experience) IN THE DEPARTMENT OF ENGINEERING—The Secretary, The University, Edinburgh (September 11).

**PROFESSOR OF ORGANIC CHEMISTRY**—The Registrar, University of Adelaide, Adelaide, South Australia (September 15).

**SENIOR LECTURER IN MECHANICAL ENGINEERING**—The Registrar, University of Adelaide, Adelaide, South Australia (September 15).

**C. H. DESCH RESEARCH FELLOW** (with some research experience) IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Sheffield (September 30).

**ANALYTICAL RESEARCH CHEMIST, IN THE CHEMISTRY DEPARTMENT,** to develop rapid methods of analysis for trace elements in soils, waters, etc., and **ANALYTICAL ASSISTANTS (2) IN THE GEOCHEMISTRY SECTION** of the Geology Department—Head of the Geology Department, Imperial College, South Kensington, London, S.W.7.

**ANGLO-IRANIAN OIL COMPANY STUDENT,** for the study of gaseous reactions in the Chemistry Department—The Registrar, Imperial College, London, S.W.7.

**ASSISTANT EXPERIMENTAL OFFICER** (with a qualification in physics, preferably to pass degree standard) with a research unit of the Anti-Looust Research Centre (accommodated at a Ministry of Supply establishment in Wiltshire) to assist in laboratory investigations of problems connected with the application of insecticides to flying looust swarms—The Director, Anti-Looust Research Centre, c/o British Museum (Natural History), Cromwell Road, South Kensington, London S.W.7.

**ASSISTANT, Grade B** (with a good honours degree in chemistry) to teach mainly physical chemistry to degree and A.R.I.C.A. standard—The Clerk to the Governors, South-East Essex Technical College, Longbridge Road, Dagenham.

**ASSISTANT PROFESSOR IN CHEMISTRY**—Head, Department of Chemistry, Dalhousie University, Halifax, Nova Scotia, Canada.

**ENGINEERS AND PHYSICISTS, Senior Scientific Officer and Scientific Officer grades** (with an appropriate first- or second-class honours degree, or equivalent high professional attainments), in Royal Naval Scientific Service Experimental Establishments in the London, Portsmouth, Weymouth and Gloucestershire areas, and in Scotland—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A246/52A.

**GEOLOGIST** (with a second-class honours degree (upper division) in geology) with H.M. Colonial Service in Cyprus, for detailed geological

mapping, more particularly of the igneous area and petrological examination of such rock and of mineral deposits—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.105/17/02.

**INDEPENDENT FORECASTER** (with a degree in physics or mathematics, and experience of independent forecasting, and the general work of a city meteorological office) IN THE METEOROLOGICAL DEPARTMENT, Bermuda, for duties which include forecasting for the general public and shipping, investigation of meteorological problems, routine climatological returns and checking the work of assistant staff—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.57/29/01.

**READER IN THE DESIGN AND ANALYSIS OF SCIENTIFIC EXPERIMENT** at the University of Oxford—The Registrar, University Registry, Oxford.

**SENIOR TECHNICIAN IN THE DEPARTMENT OF BOTANY**—The Secretary, Bedford College (University of London), Regent's Park, London, N.W.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Lister Institute of Preventive Medicine. Report of the Governing Body, 1954. Pp. 13. (London: Lister Institute of Preventive Medicine, 1954.) [226]

Department of Scientific and Industrial Research and Fire Offices' Committee. Report of the Fire Research Board, with the Report of the Director of Fire Research, for the year 1953. Pp. vi+44+3 plates. (London: H.M. Stationery Office, 1954.) 2s. 6d. net. [226]

Question. (Published for the Present Question Conference, Ltd.) Vol. 6, No. 3: Springs of Action by T. F. Coade, Leslie Paul, Winston Rodgers and Sir Wilfrid Garrett. Pp. 187-270. (London: Hammond, Hammond and Co., Ltd., 1954.) 3s. 6d. net. [226]

British Empire Cancer Campaign. Thirty-first Annual Report covering the year 1953. Pp. xxxiv+468. (London: British Empire Cancer Campaign, 1954.) [226]

Philosophical Transactions of the Royal Society of London. Series A—Mathematical and Physical Sciences. No. 1919, Vol. 246 (15 June 1954): An Essay of Free Products of Groups with Amalgamations. By B. H. Neumann. Pp. 503-554. 16s. No. 920, Vol. 246 (15 June 1954): Plethysm of S-Functions. By H. O. Foulkes. Pp. 555-593. 13s. 6d. (London: Cambridge University Press, 1954.) [226]

Transactions of the Royal Society of Edinburgh. Vol. 62, Part 3 (No. 15): The Distribution and Biology of Drosophilidae (Diptera) in Scotland, including a New Species of "Drosophila". By E. B. Basden. Pp. 603-654+2 plates. (Edinburgh and London: Oliver and Boyd, Ltd., 1954.) 14s. 6d. [226]

Ministry of Agriculture and Fisheries. Technical Bulletin No. 3: The Brown Rot Diseases of Fruit Trees. By Dr. H. Wormald. Pp. vi+114+20 plates. (London: H.M. Stationery Office, 1954.) 5s. net. [246]

United Nations: Economic and Social Council. Report on the Development and Utilization of Water Resources. Pp. 20. (London: United Nations—London Information Centre, 1954.) [246]

### Other Countries

Forest Soils of Japan—Report 4. Pp. 116+4 plates+6 maps. (Tokyo: Government Forest Experiment Station, 1954.) [186]

Jahresberichte der Bundesanstalt Deutscher Wetterdienst. Nr. 1. Jahresbericht für das Jahr 1953. Pp. 48. (Frankfurt/M.: Bundesanstalt Deutscher Wetterdienst, 1954.) [186]

Histochemische Methoden. Eine Sammlung herausgegeben von Walther Lipp. Lieferung 2 (Mai 1954). Pp. 24. (München: R. Oldenbourg, 1954.) 6 D. marks. (Jahresbezugspreis—6 Hefte. 30 D. marks.) [226]

Records of the Geological Survey Department, Uganda, 1951 and 1952. Preliminary Account of the Geology of South Kyaggwe County, Buganda. By J. W. Pallister, A. Hatton and J. W. Hepworth. Bismuth in Uganda. By R. C. Pargeter. Gravimetric Survey of the East and West Banks of the Nile on the Site of the Owen Falls Hydro-Electric Scheme, Jinja, Uganda. By J. M. Brown. Pp. 26+3 plates. (Entebbe: Geological Survey, n.d.) [226]

East Africa High Commission. East African Fisheries Research Organization. Annual Report, 1953. Pp. iii+44. (Nairobi: East Africa High Commission, 1954.) [226]

Metropolitan Life Insurance Company. Statistical Bulletin, Vol. 35, No. 5: The Pattern of Heart Disease Mortality. Pp. 12. (New York: Metropolitan Life Insurance Company, 1954.) [226]

Guide to the Chemicals Used in Crop Protection. Second edition. Pp. ii+295. (Ottawa: Department of Agriculture, 1953.) 1 dollar. [226]

Royal Society of New Zealand. Bulletin No. 4: An address by His Royal Highness The Duke of Edinburgh, delivered before a meeting of New Zealand Scientists, held in Wellington on 13th January, 1954. Pp. 4. (Wellington: Royal Society of New Zealand, 1954.) [226]

Northern Rhodesia. Water Development and Irrigation Department. Annual Report for the year 1953. Pp. 11. (Lusaka: Government Printer, 1954.) 1s. [226]

Université de Thessaloniki: Laboratoire de Zoologie. Observations suivies sur la Montée en Grèce. Pendant les années 1937-38, 1938-39, 1939-40 (Montée, Anguilliculture, Inanition). Pp. ii+132. (Thessaloniki: World University Service (Université de Thessaloniki), 1954.) [226]

Companhia de Diamantes de Angola. (Diamang.) Servicos Culturais, No. 23. Museu do Dundo: Subsídios Para o Estudo da Biologia na Lunda. Estudos Diveros (9). Pp. 125. (Lisboa: Companhia de Diamantes de Angola, 1954.) [226]

World Health Organization. Technical Report Series No. 76: Expert Committee on Drugs Liable to Produce Addiction. Fourth Report. Pp. 12. (Geneva: World Health Organization; London: H.M. Stationery Office, 1954.) 1s. 9d.; 0.25 dollars; 1 Swiss franc; 80 French francs. [246]