

READER, SENIOR LECTURER or LECTURER (with special qualification in theoretical chemistry) in the DEPARTMENT of CHEMISTRY—The Registrar, The University, Manchester 13 (March 31).

TURNER and NEWALL RESEARCH FELLOWSHIPS in ENGINEERING, INORGANIC CHEMISTRY, PHYSICS or allied subjects—The Academic Registrar, University of London, Senate House, London, W.C.1 (March 31).

RESEARCH FELLOW in the DEPARTMENT of MATHEMATICAL PHYSICS—The Registrar, The University, Birmingham 15 (April 20).

LECTURER in BIOCHEMISTRY—The Secretary, Queen's University, Belfast (April 30).

UNIVERSITY LECTURERS or UNIVERSITY DEMONSTRATORS in the FACULTY of ENGINEERING, University of Cambridge, to teach primarily in either the theory and use of materials, structural engineering or mechanical engineering—The Secretary, Appointments Committee, Engineering Laboratory, Cambridge (April 30).

JUNIOR RESEARCH FELLOWSHIPS in ORGANIC CHEMISTRY—The Secretary, Birkbeck College, Malet Street, London, W.C.1 (May 1).

RESEARCH FELLOWSHIP tenable in the DEPARTMENT of CHEMISTRY, University of Durham, for the study of nuclear reactions by radiochemical and micro gas-analytical methods—The Secretary, 38 North Bailey, Durham (May 1).

ROYAL DUTCH SHELL STUDENT (honours graduate in physics or geology, with mathematics and physics at intermediate level) in GEOPHYSICS—The Registrar, Imperial College of Science and Technology, London, S.W.7 (June 1).

ASSISTANT BACTERIOLOGIST (male) in the VACCINE LYMPH DEPARTMENT—The Bacteriologist-in-Charge, Lister Institute of Preventive Medicine, Elstree, Herts.

ASSISTANT, Principal Scientific Officer grade (with first- or second-class honours degree in biology of a U.K. or Commonwealth University, or equivalent qualification), TO THE OFFICER IN CHARGE, COLONIAL INSECTICIDES RESEARCH, for duties which will include the supervision of research work being undertaken under the aegis of the Colonial Insecticides, Fungicides and Herbicides Committee, and particularly the work of the Colonial Insecticides Research Unit in East Africa—The Under-Secretary of State, Research Department (S.610), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1.

BIOCHEMIST (with at least a B.Sc. honours degree, with three years postgraduate experience) in the East African Tsetse and Trypanosomiasis Research and Reclamation Organization, for duties which will include research on animal and insect physiology in connexion with trypanosomiasis investigations in East Africa, routine biochemical tests, and to assist with biochemical problems in trypanosomiasis—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting CDE.77/85/02.

CHEMIST, Scientific Officer grade, and a MYCOLOGIST, Scientific Officer grade—The Secretary, Cheshunt Experimental Station, Cheshunt, Herts.

ELECTRICAL or MECHANICAL ENGINEER (with first- or second-class honours degree or equivalent in electrical or mechanical engineering) at a Ministry of Supply Design Establishment, near Sevenoaks, Kent, for design and development of hydraulic and electrical equipment for A.A. mountings—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.113/54A.

ENTOMOLOGIST (with at least a good second-class honours degree, and with two years appropriate postgraduate experience) to investigate capsid and other insect pests of cacao and measures for their control; and an INSECTICIDE CHEMIST (with at least a good second-class honours degree, and with two years appropriate postgraduate experience) to test insecticides and methods for their application to cacao, including the design or improvement of machinery for this purpose, at the West African Cacao Research Institute, Gold Coast—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting CDE.87/11/010-015.

GRADUATE PHYSICIST or FUEL TECHNOLOGIST (with ability to apply mathematics to heat transfer problems particularly concerned with the open hearth furnace) in the STEEL MAKING DIVISION, Sheffield—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting "Steel-making".

HOSPITAL PHYSICIST, Senior grade (with first- or second-class honours degree)—The Secretary, Liverpool Radium Institute, 1 Myrtle Street, Liverpool 7.

LIBRARIAN (with a pass degree in science subjects or a library qualification, coupled with experience in a technical library), and an ASSISTANT LIBRARIAN (with H.S.C. or equivalent in science subjects, and some technical library experience), in the Technical Library—Administrative Officer (Recruitment), Department of Atomic Energy, Atomic Weapons Research Establishment, Aldermaston, Berkshire, quoting 17/WGE.

MASTER TO TEACH MATHEMATICS up to University Scholarship standard, and a MASTER TO TEACH SCIENCE—The Headmaster, The King's School, Peterborough.

PHYSICIST (with first- or second-class honours degree and some research experience) for (a) fundamental research on the diffusion of ions in the protein keratin, and related substances, using radio tracer methods, and (b) for investigation of the mechanics of fibre movement using electronic and radioactive techniques—The Wool Industries Research Association, Torrion, Headingley, Leeds, 6.

PHYSICISTS (with a good honours degree, and some experience or training in research, not necessarily in textile research) to work on textile problems—The Secretary, British Rayon Research Association, Barton Dock Road, Urnston, near Manchester.

SENIOR SCIENTIFIC OFFICER (with first- or second-class honours degree in botany or agriculture or a pass degree in agriculture, and at least three years postgraduate or other approved service, and a knowledge of the economic aspects of crops, and wide agricultural experience abroad, and preferably with specialized knowledge of local conditions in the Colonies) at THE ROYAL BOTANIC GARDENS, Kew—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4289/54.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

British Library of Political and Economic Science. (London School of Economics and Political Science: University of London.) Annual Report 1952/3. Pp. 20. (London: British Library of Political and Economic Science, 1953.) [1612]

Air Ministry: Meteorological Office. Averages of Bright Sunshine for Great Britain and Northern Ireland 1921-50. (M.O. 572.) Pp. ii+32. (London: H.M. Stationery Office, 1953.) 2s. net. [1612]

Institute of Personnel Management. Annual Report 1952-53. Pp. 19. (London: Institute of Personnel Management, 1953.) [2312]

The Registrar General's Statistical Review of England and Wales for the year 1949. Supplement on General Morbidity, Cancer and Mental Health. Pp. ix+186. (London: H.M. Stationery Office, 1953.) 7s. 6d. net. [2312]

Bulbed and Lipped Structural Aluminium Alloy Sections (Angles and Channels). (Addendum to Applications Brochure No. 6.) Pp. 12. (London: Aluminium Development Association, 1953.) [2312]

Privy Council. Medical Research Council: Special Report Series. No. 280: Vitamin C Requirements of Human Adults. A Report by the Vitamin C Subcommittee of the Accessory Food Factors Committee and A. E. Barnes, W. Bartley, I. M. Frankau, G. A. Higgins, J. Pemberton, G. L. Roberts and H. R. Vickers. Compiled by W. Bartley, H. A. Krebs and J. R. P. O'Brien. Pp. viii+179+24 plates. (London: H.M. Stationery Office, 1953.) 17s. 6d. net. [2312]

Report of the Ministry of Health for the year ended 31st December 1952. Pt. 2: On the State of the Public Health. Being the Annual Report of the Chief Medical Officer for the year 1952. Pp. v+250. (Cmd. 9009.) (London: H.M. Stationery Office, 1953.) 6s. 6d. net. [2312]

### Other Countries

The National Research Council, Review 1953. (N.R.C. No. 3034.) Pp. 244+12 plates. (Ottawa: Queen's Printer, 1953.) 75 cents. [1512]

U.S. Department of Commerce: National Bureau of Standards. Simultaneous Linear Equations and the Determination of Eigenvalues. (Proceedings of a symposium held August 23-25 1951, in Los Angeles, California, under the sponsorship of the National Bureau of Standards, in co-operation with the Office of Naval Research.) Edited by L. J. Paige and Olga Taussky. (National Bureau of Standards Applied Mathematics Series—Nr. 20.) Pp. iv+126. (Washington, D.C.: Government Printing Office, 1953.) 1.50 dollars. [1612]

6th Congresso Internazionale di Microbiologia. Symposium: Nutrizione e Fattori di Crescita. Pp. 196. 1,400 lire; 16s. 6d. Inibitori di Crescita e Chemioterapia. Pp. 142. 1,000 lire; 12s. 6d. Actinomyces. Morfologia, Biologia e Sistematica. Pp. 221. 1,600 lire; 20s. Rapporti tra Virus e Cellula Ospite. Pp. 110+36 plates. 1,300 lire; 15s. Citologia Batterica. Pp. 181+46 plates. 2,000 lire; 25s. Metabolismo Microbico. Pp. 143+1 plate. 1,000 lire; 12s. 6d. (Roma: Fondazione Emanuele Paterno; Oxford: Blackwell Scientific Publications, Ltd., 1953.) [2312]

Union of South Africa. Department of Agriculture. Bulletin No. 326 (Chemistry Series No. 186): Irrigation and Fertilization of Winter Cereals in the Karoo. By M. M. Walters and C. M. Havenga. Pp. 23. 3d. Science Bulletin No. 334 (Chemistry Series No. 201): The Fertilizer Requirements of Lucerne on the Vaal-Hartz Irrigation Scheme. By Dr. J. Van Garderen. Pp. ii+56. 6d. Science Bulletin No. 339 (Chemistry Series, No. 190): Chicory Production in South Africa. By Dr. E. R. Orchard and C. Van Rooyen. Pp. 76. 1s. (Pretoria: Government Printer, 1953.) [2312]

### Catalogues

"Quickfit" Interchangeable Laboratory Glassware Catalogue. Pp. 178. (Stone, Staffs: Quickfit and Quartz, Ltd., 1954.)

Leaflet No. 53. Pp. 2. (Croydon: Croydon Precision Instrument Co., 1954.)

Towers Analytical Balances. Pp. 14. (Widnes: J. W. Towers and Co., Ltd., 1953.)

Deoxo Indicator, for the detection and continuous measurement of traces of oxygen and hydrogen in gases. Pp. 2. (London: Baker Platinum, Ltd., 1953.)

Cambridge Instrument Company, Ltd. Sheet No. 313: Cambridge Polarograph Polarograph Unit. Pp. 2. Sheet No. 302B: Cambridge Polarograph (Direct Writing Pattern). Pp. 4. (London: Cambridge Instrument Company, Ltd., 1953.)

Equipment for Zoology, Entomology, Botany. Pp. 42. (London: P. K. Dutt and Co., Ltd., 1953.)

"Service to Science" No. 26. Pp. 4. No. 27. Pp. 4. Scientific Instruments and Apparatus. (Croydon: Townson and Mercer, Ltd., 1953.)

Let the Picture Tell the Story. (Picture Projection by Aldis.) Pp. 24. (London: Neville Brown and Co., Ltd., 1953.)

Sunvic Scientific and Industrial Catalogue. Data Sheet No. 1: Energy Regulators. Data Sheet No. 2: Vacuum Pumping and Gauging Equipment. Data Sheet No. 3: Vacuum Pumping Accessories. Data Sheet No. 4: High-Speed Continuously Self-Balancing Graphic Recorders, Types R.S.P. and R.S.P.M. (London: Sunvic Controls, Ltd., 1953.)

A. Gallenkamp and Co., Ltd. Publication No. 542: Laboratory Incubators. Pp. 4. Publication No. 551: Reagent Bottles—Enamelled or Sand-Blast Lables. Pp. 6. (London: A. Gallenkamp and Co., Ltd., 1953.)

Royal Photographic Society of Great Britain. Library Catalogue. Second Supplement (1950-52) to Author Catalogue, 1939. Pp. iv+28. (London: Royal Photographic Society of Great Britain, 1953.)

Matthey Standards for Quantitative Spectrochemical Analysis. (Publication No. 1763.) Pp. iv+6. (London: Johnson, Matthey and Co., Ltd., 1953.)