

**SENIOR SCIENTIFIC OFFICER or SCIENTIFIC OFFICER** (with an Honours degree or equivalent in engineering and practical experience preferably in the design and use of unit mechanical handling systems) at a Ministry of Supply Research Establishment in the London area—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting C.684/49BN (December 5).

**EXPERIMENTAL and SENIOR EXPERIMENTAL OFFICERS** at the Atomic Energy Research Establishment, Ministry of Supply, for duties including Physics (nuclear, theoretical or general), Electronics, Engineering Design, Metallurgy, Hematology, Chemistry (physical or inorganic), Chemical Engineering, Technical Library and Information Services—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2856 (December 6).

**RESEARCH FELLOWSHIP IN BIOPHYSICS** at the John Curtin School of Medical Research, Melbourne—The Administrative Officer in the United Kingdom, Australian National University, 6 Goidon Square, London, W.C.1 (December 8).

**PROFESSOR, and LECTURERS (3), in the Faculty of Veterinary Science**, University of Queensland, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (December 10).

**EXPERIMENTAL OFFICERS (2) in the Scottish Home Department** at the Marine Laboratory, Aberdeen—The Establishment Officer, Scottish Home Department, Room 364, St. Andrew's House, Edinburgh 1 (December 10).

**PRINCIPAL SCIENTIFIC OFFICERS or SENIOR SCIENTIFIC OFFICERS** (with good Honours degree or equivalent in Mathematics or in Physics with post-graduate mathematical experience) at a Ministry of Supply Research and Development Establishment near London—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.279/49BN (December 12).

**CHEMICAL ENGINEERS** (Principal Scientific Officer or Senior Scientific Officer grade) at a Ministry of Supply Research Establishment near London—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.814/49BN (December 14).

**SCIENTIFIC OFFICERS** (with Honours degree or equivalent in mathematics, physics or engineering, and experience of experimental work) at the Royal Aircraft Establishment, Farnborough, for work on specification of scientific requirements and development of designs for large wind tunnels and other aerodynamic research equipment—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting C.474/49BN (December 15).

**ASSISTANT in the DEPARTMENT of ELECTRICAL ENGINEERING**, University College, Dundee—The Secretary, The University, St. Andrews (December 15).

**SENIOR SCIENTIFIC OFFICER** at the Royal Aircraft Establishment, Farnborough (duties involve theoretical investigation concerned with the basic principles of weapon design)—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.282/49BN (December 16).

**SENIOR EXPERIMENTAL OFFICER or EXPERIMENTAL OFFICER** at the National Physical Laboratory, to take charge of a small group of workers preparing the 'Radio Extracts' which are published in the *Wireless Engineer*—The Secretary, Civil Service Commission, 27 Grosvenor Square, London, W.1, quoting No. 2859 (December 17).

**SCIENTIFIC OFFICER** (with good Honours degree or equivalent in chemical engineering or in chemistry with post-graduate academic training in chemical engineering) at a Ministry of Supply Research Establishment in Lancashire—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.792/49BN (December 19).

**PHYSICISTS or ELECTRICAL ENGINEERS** (with good Honours degree and appropriate experience in industry or a Government establishment) at a Ministry of Supply Establishment in South Midlands, for work connected with development of radar equipments for R.A.F.—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.280/49BN (December 21).

**MEN or WOMEN** for research on micro-organisms of fresh waters—The Director, Freshwater Biological Association, Wray Castle, Ambleside, Westmorland (December 31).

**PROFESSOR of THEORETICAL PHYSICS**—Prof. J. K. Robertson, Queen's University, Kingston, Ont., Canada (January 10).

**OFFICIAL FELLOW** to take charge of the teaching of Physics—The Principal, Brasenose College, Oxford (January 16).

**JOHN RANKIN CHAIR of GEOGRAPHY**—The Registrar, The University, Liverpool (February 6).

**DIRECTOR of the WEST AFRICAN BUILDING RESEARCH ASSOCIATION**—The Under-Secretary of State, Colonial Office (Research Department), Sanctuary Buildings, Great Smith Street, London, S.W.1.

**SENIOR SCIENTIFIC OFFICER** to take charge of a small Scientific Bureau in London, under the direction of the Secretary of State for the Colonies, to have custody of and arrange research on results of scientific activities of Falkland Islands Dependencies Survey—The Under-Secretary of State, Colonial Office (Research Department), Sanctuary Buildings, Great Smith Street, London, S.W.1.

**SENIOR LECTURER in ELECTRONICS, and a LECTURER in the DEPARTMENT of INDUSTRIAL ADMINISTRATION**—The Secretary, Royal Technical College, Glasgow.

**CHEMIST** (with a degree in chemistry and some research or works experience) for research on refractories—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, endorsed 'Refractories'.

**PHYSICISTS or ELECTRICAL ENGINEERS** in the Electronics and Electrical Departments—The British Scientific Instrument Research Association, Sira, Southill, Chislehurst, Kent.

**CHEMIST** in the Endocrine Department—The House Governor, London Hospital, Whitechapel, London, E.1.

**DAIRY and POULTRY OFFICER** in the Veterinary Department of Northern Rhodesia—The Director of Recruitment (Colonial Service), Sanctuary Buildings, Great Smith Street, London, S.W.1.

**DEMONSTRATORS in the DEPARTMENT of AIRCRAFT PROPULSION**—The Registrar, College of Aeronautics, Cranfield, Bletchley, Bucks.

**RESEARCH ASSISTANTSHIPS** in each of the following Departments of the College: Mechanical Engineering (Metrology), Chemistry and Electrical Engineering—The Registrar, Central Technical College, Suffolk Street, Birmingham.

**MUSEUM TECHNICAL INSTRUCTOR** required by the Government of Nigeria—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/22382/3E.

**TECHNICIAN (Grade II) in the DEPARTMENT of PSYCHOLOGY**—The Secretary, University College, Gower Street, London, W.C.1, quoting Psychology/1.

**SENIOR TECHNICIAN, and a TECHNICIAN**—The Regional Blood Transfusion Officer, National Blood Transfusion Laboratory, 19 Newport Road, Cardiff.

**SENIOR ASSISTANT in the ENGINEERING DEPARTMENT** of Cardiff Technical College—The Director of Education, City Hall, Cardiff.

**TECHNICIAN for PHYSICS DEPARTMENT**—The Warden and Secretary, Royal Free Hospital School of Medicine, 8 Hunter Street, London, W.C.1.

**LABORATORY ASSISTANT**—The Head Master, Sloane School, Hortsensia Road, Chelsea, London, S.W.10.

**LABORATORY ASSISTANT**—The Head Master, Strand School, Elm Park, Brixton Hill, London, S.W.2.

**IRRIGATION ENGINEER** in Sarawak, for the cultivation and settlement of an area of 5,000 acres suitable for intensive mechanical cultivation and co-operative organisation—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting No. 27329/30.

**EXECUTIVE and CHIEF RESEARCH OFFICER** to organise and conduct a survey of the economics of the cocoa-producing areas of Nigeria—The Survey Committee, Agricultural Economics Research Institute, Parks Road, Oxford.

**SENIOR GEOLOGIST, Nigeria** (duties will include geological mapping, the study of mineral occurrences, water supply work, and the supervision of junior scientific officers, as well as the training of technical assistants)—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting No. 27079/26.

**LABORATORY STEWARD in the DEPARTMENT of BOTANY**—The Registrar, The University, Nottingham.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Through the Corridors of Time: an Outline of the Space-for-Time Wall Schedules of Human History and Geology. Prepared by E. W. Swanton. Pp. 36. (Haslemere: Haslemere Educational Museum, 1949.) [158]

Aslib Guides to Sources of Information in Great Britain. No. 1: The Paper Industry. Pp. ii+14. 2s. 6d. net; to Members, 2s. No. 2: Agriculture and Allied Interests. Pp. v+64. 16s. net; to Members, 13s. 6d. (London: Aslib, 1948-1949.) [158]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 606, Vol. 233: Studies on the Onychophora, 7. The Early Embryonic Stages of *Peripatopsis*, and some General Considerations concerning the Morphology and Phylogeny of the Arthropoda. By S. M. Manton (Mrs. J. P. Harding). Pp. 483-580. 40s. No. 607, Vol. 233: Effects of Constant Temperature and Humidity on the Development of the Larvae and the Pupae of the Three Indian Species of *Xenopsylla* (Insecta: Siphonaptera). By Dr. M. Sharif. Pp. 581-635. 15s. (London: Cambridge University Press, 1949.) [158]

### Other Countries

New Knowledge through Scientific Research in Mellon Institute, 1948-49: the 36th Annual Report of the Director, E. R. Weidlein, to the Board of Trustees of the Institution, for the Fiscal Year ended February 28, 1949. Pp. iv+40. (Pittsburgh, Pa.: Mellon Institute, 1949.) [118]

Indian Central Cotton Committee. Scientific Monograph No. 2: The Periodic Partial Failures of American Cottons, their Causes and Remedies. By R. H. Dastur. Revised second edition. Pp. xi+172. (Bombay: Indian Central Cotton Committee, n.d.) 6 rupees. [128]

Rhodes-Livingstone Papers. No. 14: Land Holding and Land Usage among the Plateau Tonga of Mazabuka District; a Reconnaissance Survey, 1945. By W. Allan, Dr. Max Gluckman, D. U. Peters and C. G. Trapnell; with additional Sections by J. H. M. McNaughton and D. W. Conroy. Pp. vii+192. (Livingstone, N. Rhodesia: Rhodes-Livingstone Institute; London: Oxford University Press, 1948.) 8s. 6d. net. [128]

Rockefeller Foundation. A Review for 1948. By Chester I. Barnard. Pp. 71. (New York: Rockefeller Foundation, 1949.) [128]

Fonds National de la Recherche scientifique. Vingt et unième Rapport Annuel, 1947-1948. Pp. 160. (Bruxelles: Fonds National de la Recherche scientifique, 1948.) [128]

Unesco: Science Cooperation Office, Middle-East. List of Scientific Papers published in the Middle-East received by this Office between 1st August, 1948, and 15th March, 1949. (No. 3.) Pp. vi+58. (Cairo: Unesco Science Cooperation Office, 1949.) [158]

Transactions of the American Philosophical Society. New Series, Vol. 39, Part 1: The Whole Life Cycle of Chromosomes and their Coiling Systems. By Prof. L. R. Cleveland. Pp. 100. (Philadelphia: American Philosophical Society, 1949.) 1.50 dollars. [158]

Polska Akademia Umiejetnosci. Acta Monographica Musei Historiae Naturalis. The Apterygotan Fauna of Poland in relation to the World-Fauna of Groups of Insects. By Jan Stach. Family Isoptera. Pp. iii+488+53 plates. Families Neogastruridae and Brachystomelidae. Pp. 341+35 plates. (Kraków: Polska Akademia Umiejetnosci, 1947-1949.) [158]