

EXPERIMENTAL OFFICER OR SENIOR EXPERIMENTAL OFFICER (with H.N.C., a degree or similar qualification, and preferably experience with transistor circuits and pulse equipment) IN THE DEPARTMENT OF PHYSICS, to develop and construct special electronic devices required for experimental work on a tandem accelerator—The Registrar, The University, Manchester 13 (November 13).

SCIENTIFIC OFFICER OR SENIOR SCIENTIFIC OFFICER (honours graduate with appropriate training and research experience), to work as a member of a team undertaking research on hill sheep nutrition—The Secretary, Hill Farming Research Organization, 48 Palmerston Place, Edinburgh 12 (November 13).

LECTURER (preferably with qualifications and/or experience in palaeontology or stratigraphy) IN GEOLOGY at the Royal College, Nairobi—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (November 13).

READER IN FLUID MECHANICS at Imperial College—The Academic Registrar, University of London, Senate House, London, W.C.1 (November 20).

SENIOR RESEARCH ASSISTANT TO THE IMMUNOPATHOLOGY AND FLUORESCENCE MICROSCOPY RESEARCH GROUP, to work in the University Department of Pathology on immunological and histological methods—The Secretary, The University, Aberdeen (November 20).

SENIOR LECTURER IN PHYSIOLOGY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, November 25).

LECTURER IN ZOOLOGY at the University of Adelaide, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia, November 30).

SENIOR LECTURERS/LECTURERS IN THE SCHOOL OF PHYSIOLOGY within the Faculty of Medicine, University of New South Wales, Australia—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2; and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (November 30).

ASSISTANT PROFESSOR (POULTRY GENETICS) (with a Ph.D. or equivalent in poultry genetics), to develop a research programme in poultry genetics and to carry some teaching responsibility—Head, Department of Animal Science, University of Alberta, Edmonton, Alberta, Canada (January 1).

AGRICULTURAL CHEMIST (male, under 35, with a degree in agriculture with chemistry as a major subject, or a science degree with postgraduate experience in soil or agricultural chemistry) IN THE DEPARTMENT OF LAND UTILIZATION, Swaziland, to develop an agricultural chemistry section at Malkerns Research Station, organize routine analysis of soil and plant material, and to conduct an investigation into fertility problems in soils, particularly leached types of tropical soils—The Director of Recruitment, Department of Technical Co-operation, Carlton House Terrace, London, S.W.1, quoting RC.213/141/01/T.

ASSISTANT EXPERIMENTAL OFFICER (graduate, or holding H.N.C. or an equivalent qualification, or, if under 22, G.C.E. "A" level, O.N.C., etc., or equivalent, and interested in both chemical analysis and working with animals) IN THE CHEMISTRY DEPARTMENT, to assist in studies of mineral metabolism in cattle—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, quoting Ref. 61/15.

ASSISTANT PROFESSOR IN PHARMACOLOGY—Prof. M. F. Murnaghan, University of Ottawa, Ottawa, Ontario, Canada.

BIOCHEMIST OR CHEMIST (with a research degree and experience in the chemical industry involving research on new products and processes and their technical or commercial development, and preferably experience in the virology and antibiotics fields), for work concerned with the development and commercial exploitation of inventions in the public interest—The Director of Administration, National Research Development Corporation, 1 Tinsley Street, London, W.1.

CHIEF LABORATORY TECHNICIAN—Head of the Department of Applied Physics, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

FISHERIES OFFICER (with a university degree in science with experience in up to date fishing methods, and the storage, marketing and distribution of fish) IN THE DEPARTMENT OF AGRICULTURE AND FISHERIES, Bermuda, to undertake the development of all aspects of the fishing industry in Bermuda—The Director of Recruitment, Department of Technical Co-operation, Carlton House Terrace, London, S.W.1, quoting RC.289/13/01/T.

HEAD (with an honours degree in mathematics of a British university and at least three years experience of teaching) OF THE MATHEMATICS DEPARTMENT—The Headmaster, Pocklington School, West Green, Pocklington, Yorks.

LECTURER (with some knowledge of logical design) IN COMPUTING—The Secretary, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

PHYSICIST, Basic grade (with a first- or second-class honours degree), for routine and development work in hospital physics—The Secretary, Lambeth Hospital, Brook Drive, London, S.E.11.

POSTGRADUATE STUDENT (recent graduate with a good degree in physics or physical chemistry) IN THE DEPARTMENT OF PHYSICS, to research under the supervision of Dr. J. G. Powles on some aspect of magnetic resonance—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1.

RESEARCH ASSISTANT (honours graduate) IN PHYSICS—Clerk to the Governors, Woolwich Polytechnic, London, S.E.18.

RESEARCH ASSISTANT (with a good honours degree in physics) IN PHYSICS, for work in the field of vacuum physics—Head of the Department of Physics, The Polytechnic, Regent Street, London, W.1.

RESEARCH ASSISTANT (with graduate or equivalent qualifications and appropriate experience in electronic instrument design and construction), to take part in a space research project under Dr. T. R. Kaiser. The work will involve the development of instruments for installation in rockets and satellites—The Registrar, The University, Sheffield.

RESEARCH FELLOW IN PHYSICAL CHEMISTRY, for work with Prof. M. C. B. Symons on the study of unstable intermediates, including spectrophotometric and electron spin resonance techniques—The Registrar, The University, Leicester.

RESEARCH SCHOLAR, and a RESEARCH FELLOW IN THE DEPARTMENT OF CHEMISTRY, for work on aluminium-nitrogen and aluminium-phosphorus polymers—The Registrar, The University, Leicester.

SENIOR PHYSICIST (graduate in physics, preferably with honours, and normally with five years experience of hospital physics or with radio-elements) IN THE RADIOTHERAPY DEPARTMENT—The Secretary, Lambeth Hospital, Brook Drive, London, S.E.11.

SENIOR RESEARCH FELLOWSHIP at the University of Melbourne, available in any one of the academic subjects taught there—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1; or Dean of Graduate Studies, University of Melbourne, Parkville, N.2, Victoria, Australia.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Colonial Development and Welfare Act. Return of Schemes made and of Loans approved under the Colonial Development and Welfare Act in the period from 1st April, 1960, to 31st March, 1961. Pp. 58. (House of Commons Paper No. 240.) (London: H.M. Stationery Office, 1961.) 3s. 6d. net. [258]

Colonial Development Corporation, Annual Report and Statement of Accounts for the year ended 31st December 1960. Pp. vi+82. (London: H.M. Stationery Office, 1961.) 5s. net. [258]

Vertebrate Locomotion: Proceedings of a Symposium held at the Zoological Society of London, Regent's Park, London, N.W.1, on 9th November, 1960. Edited by J. E. Harris. (Symposia of The Zoological Society of London, No. 5.) Pp. v+132+7 plates. (London: The Zoological Society of London, 1961.) 32s. 6d. [258]

British Association for Commercial and Industrial Education. Education and Training in France: Report of a Visit made by the BACIE West Midlands Group in May 1960. Pp. v+51. (London: British Association for Commercial and Industrial Education, 1961.) 10s. [258]

Other Countries

The Carlsberg Foundation's Oceanographical Expedition Round the World 1928-30, and previous "Dana" Expeditions. "Dana" Report No. 53; A Contribution to the Life History, Biology and Geographical Distribution of the Bonefish, *Albula vulpes* (Linnaeus). By Elizabeth C. Alexander. Pp. 51. (Copenhagen: Andr. Fred. Høst & Son, 1961.) 15 Danish kr. [158]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1475-D: Geology and Occurrence of Ground Water at Jewel Cave National Monument, South Dakota. By C. F. Dyer. Pp. iii+139-157. 15 cents. Water-Supply Paper 1499-A: Water Resources of the Providence Area, Rhode Island. By H. N. Halberg, C. E. Knox and F. H. Pauszek. Pp. iv+50+1 plate. Water-Supply Paper 1536-B: Water Levels near a Well Discharging from an Unconfined Aquifer. By Irwin Remson, S. S. McNeary and J. R. Randolph. Pp. iii+27-39. 15 cents. Water-Supply Paper 1536-C: A Simple Method for Determining Specific Yield from Pumping Tests. By L. E. Ramsahoye and S. M. Lang. Pp. iii+41-46. 15 cents. Water-Supply Paper 1539-F: Aquifers in Melt-Water Channels along the Southwest Flank of the Des Moines Lobe, Lyon County, Minnesota. By Robert Schneider and Harry G. Rodis. Pp. iii+11. 15 cents. (Washington, D.C.: Government Printing Office, 1961.) [258]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1539-I: Evaluation of Bank Storage Along the Columbia River between Richland and China Bar, Washington. By R. C. Newcomb and S. G. Brown. Pp. iii+13. 15 cents. Water-Supply Paper 1540-B: Concentration Method for the Spectrochemical Determination of Minor Elements in Water. By William D. Silvey. Pp. iii+11-22. Water-Supply Paper 1592-A: Resistance Coefficients and Velocity Distribution, Smooth Rectangular Channel. By H. J. Tracy and C. M. Lester. Pp. iv+18. (Washington, D.C.: Government Printing Office, 1961.) [258]

National Academy of Sciences—National Research Council. Nuclear Science Series, Report No. 36: A Cross-References Index of Radiochemical Teaching Experiments Applicable to Chemistry. By Gregory R. Choppin. Pp. v+50. (Publication 905.) (Washington, D.C.: Office of Technical Services, Department of Commerce, 1961.) 1 dollar. [258]

Annals of the New York Academy of Sciences. Vol. 92, Article 3: Pavlovian Conference on Higher Nervous Activity. By Nathan S. Kline, Gregory Razran and 23 other authors. Pp. 813-1198. (New York Academy of Sciences, 1961.) [258]

Smithsonian Contributions to Astrophysics, Vol. 5, No. 10: Sampling Dust from the Stratosphere. By Paul W. Hodge. Pp. ii+145-152. (Washington, D.C.: Government Printing Office, 1961.) 20 cents. [258]

Editorial and Publishing Offices of "NATURE" MACMILLAN & CO., LTD.

ST. MARTIN'S STREET, LONDON, W.C.2

Telephone Number: Whitehall 8831. Telegrams: Phisus Lesquare London

Advertisements only should be addressed to
T. G. Scott & Son, Ltd., 1 Clement's Inn, London, W.C.2.
Telephone Number: Holborn 4743

All rights reserved. Registered as a newspaper at the General Post Office