

## APPOINTMENTS VACANT

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

**EXPERIMENTAL RESEARCH PHYSICIST**, for the development and use of an electron spin resonance machine in the Physics Department—The Secretary, Board of Governors, Hammersmith Hospital, Du Cane Road, London, W.12 (November 15).

**ASSISTANT LECTURER IN PHYSIOLOGY**—The Secretary, Queen Elizabeth College (University of London), Campden Hill Road, London, W.8 (November 17).

**ASSISTANT LECTURER IN AGRICULTURE** concerned with the biology of farm management—The Registrar, Room 22 (O.R.B.), The University, Reading (November 19).

**LECTURER** (with a degree in agricultural economics or in economics or agriculture with postgraduate experience in agricultural economics) **IN AGRICULTURAL ECONOMICS**—The Registrar, University College of North Wales, Bangor, North Wales (November 19).

**LECTURER OR ASSISTANT LECTURER IN APPLIED MATHEMATICS**—The Registrar, The University, Sheffield (November 24).

**LECTURER IN BIOCHEMISTRY IN THE DEPARTMENT OF PHYSIOLOGY**—The Registrar and Secretary, King's College (University of Durham), Newcastle upon Tyne 1 (November 30).

**LECTURER IN VETERINARY PATHOLOGY**—The Registrar, The University, Liverpool, quoting Ref. CV/198 (November 30).

**SENIOR RESEARCH OFFICER**, to take charge of a new programme of research on cryogenic engineering, with special reference to the cryogenic pumping of gases or problems of mechanical engineering at low temperatures—The Secretary, Engineering Laboratory, The University, 19 Parks Road, Oxford (December 1).

**LECTURER IN STATISTICS IN THE DEPARTMENT OF MATHEMATICS**, to give particular help in connexion with biological statistics—The Registrar and Secretary, King's College (University of Durham) Newcastle upon Tyne (December 3).

**SENIOR LECTURER OR LECTURER** (preferably with a knowledge of tropical livestock and feeding-stuffs, especially of grasslands) **IN AGRICULTURAL BIOCHEMISTRY AND NUTRITION IN THE DEPARTMENT OF AGRICULTURAL CHEMISTRY**, University College, Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 20 Woburn Square, London, W.C.1 (December 7).

**CHAIR OF PHYSICS** in the University of New South Wales—The Agent-General for New South Wales, 56 Strand, London, W.C.2; and The Appointments Section, University of New South Wales, P.O. Box 1, Kensington, N.S.W., Australia (December 14).

**LECTURER/SENIOR LECTURER IN ZOOLOGY** 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, December 14).

**LECTURERS OR ASSISTANT LECTURERS IN CHEMISTRY (4); GEOGRAPHY (1); MATHEMATICS (4); PHYSICS (3); and ZOOLOGY (3)** at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 20 Woburn Square, London, W.C.1 (December 15).

**SENIOR LECTURER IN MATHEMATICS** at Victoria University of Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, January 7).

**ASSISTANT EXPERIMENTAL OFFICER**, for work on the physiology of the fungal diseases of stored fruit—The Secretary, Agricultural Research Council, Ditton Laboratory, Ickfield, Maidstone, Kent.

**ASSISTANT** (preferably graduate) **IN PLANT PHYSIOLOGY**, to prepare material for practical classes and act as part-time research assistant—Prof. H. K. Porter, Imperial College of Science and Technology, London, S.W.7.

**BIOCHEMIST** (probationary or basic grade, with a first- or second-class honours degree in biochemistry or chemistry or equivalent qualifications) **IN THE DEPARTMENT OF PATHOLOGY**—The Group Secretary, The Royal Hospital, Wolverhampton.

**LECTURER** (with an honours degree or equivalent in physics and research or industrial experience in a field involving a practical knowledge of electronics) **IN PHYSICS**—The Secretary and Registrar, Bristol College of Science and Technology, Ashley Down, Bristol 7, quoting Ref. CST.62/65.

**RESEARCH ASSISTANT** (with a good honours degree and an interest in microbial metabolism) **IN THE DEPARTMENT OF BIOLOGICAL SCIENCES**, for work on the photometabolism of organic acids in algae—The Registrar, Bradford Institute of Technology, Bradford 7.

**RESEARCH BIOCHEMIST** (with a higher degree), for work on human serum and tumour proteins—Professor of Chemical Pathology, Westminster Medical School, 17 Horseferry Road, London, S.W.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

The Empire Cotton Growing Corporation. Progress Reports from Experiment Stations, Season 1960-61. Tanganyika Territory—Coastal Provinces. By R. Smith and T. Bradley. Pp. 14. 2s. 6d. The West Indies. By J. R. Spence, C. T. Cave, M. A. Arohial and C. F. Nicholls. Pp. 14. 2s. 6d. Survey of Reports. By H. E. King. Pp. 6. (London: The Empire Cotton Growing Corporation, 1962.) [219]

Commonwealth Institute of Entomology. The African Army Worm *Spodoptera exempta* (Walker) (Lepidoptera, Noctuidae): a Review of the Literature. By E. S. Brown. Pp. iv+69. (London: Commonwealth Institute of Entomology, 1962.) 7s. 6d. [219]

Annual Report on the Meteorological Office for the year 1 January to 31 December 1961. Pp. viii+65+4 plates. (M.O. 728). (London: H.M. Stationery Office, 1962.) 6s. 6d. net. [219]

Agricultural Research Station. Annual Report of the Low Temperature Research Station, Cambridge, for 1961. Pp. 40. (London: H.M. Stationery Office, 1962.) 2s. 6d. net [219]

University of Cambridge and Agricultural Research Council. The Low Temperature Research Station, Cambridge. Pp. 48+3 plates. (London: H.M. Stationery Office, 1962.) 2s. 6d. net. [219]

Department of Scientific and Industrial Research: Building Research Station. National Building Studies—Special Report No. 32: Simplified Tables of External Loads on Buried Pipelines. By N. W. B. Clarke. Pp. iv+12. (London: H.M. Stationery Office, 1962.) 1s. 6d. net. [219]

The Royal Institute of Chemistry. Remuneration Survey, 1962. Pp. 9. (London: The Royal Institute of Chemistry, 1962.) [219]

Imperial College of Science and Technology, (University of London). Shorter Postgraduate Courses, Autumn Term, Session 1962-63. Pp. 19. (London: Imperial College of Science and Technology, 1962.) [219]

The Institute of Navigation. Annual Report, 1961-62. Pp. 18. (London: Institute of Navigation, 1962.) [219]

Ministry of Health. Memorandum on Measures for the Control of Mosquito Nuisances in Great Britain. Revised 1962. Pp. 38 (2 plates). (Memo. 283/Med.) (London: H.M. Stationery Office, 1962.) 2s. 6d. net. [219]

Report by the Hydrographer of the Navy for the year 1961. Pp. 31+1 chart. (H.D. 523). (London: Admiralty, 1962.) [219]

Agricultural Research Council: Radiobiological Laboratory. Annual Report, 1961-62. Pp. xv+96. (London: H.M. Stationery Office, 1962.) 6s. 6d. net. [219]

### Other Countries

Tea Research Institute of East Africa. Annual Report for the year 1961. Pp. 27. (Kericho: Tea Research Institute of East Africa, 1962.) [219]

Federation of Nigeria. Annual Report of the Geological Survey, 1960-61. Pp. v+18. (Kaduna South: Geological Survey of Nigeria, 1962.) 9d. net. [219]

Proceedings of the National Academy of Sciences, India. Vol. 31, Section A, Part 1: Symposium on Nitrogen Problem, Part 1. Pp. 1-164. Vol. 31, Section A, Part 2: Symposium on Nitrogen Problem, Part 2. Pp. 165-320. (Allahabad: National Academy of Sciences, India, 1961.) Rs. 7.50 each part. [219]

East African Meteorological Department. The Weather of East Africa during 1961. Pp. iv+56. (Nairobi: Meteorological Department, 1962.) 8s. 10. [219]

Conseil International des Unions Scientifiques, Paris. Bureau des Résumés Analytiques. A Tentative Study of the Publication of Original Scientific Literature. Pp. 11+16 tables. (Paris: Conseil International des Unions Scientifiques, 292, rue Saint-Martin, 1962.) [219]

National Science Foundation. Weather Modification—Third Annual Report for Fiscal Year Ended June 30, 1961. Pp. vi+78. (Washington, D.C.: Government Printing Office, 1962.) 30 cents. [219]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Paper 61-30: Sea Magnetometer Surveys of the Grand Banks of Newfoundland, Burgeo Bank, and St. Pierre Bank. By Margaret E. Bower. Pp. ii+11. 50 cents. Paper 62-5: Trail Map-Area, British Columbia. By H. W. Little. Pp. 7+1 map. 50 cents. Paper 62-7: Dawson, Larsen Creek, and Nask Creek Map-Areas, Yukon Territory. By L. H. Green and J. A. Roddick. Pp. 20+3 maps. 50 cents. (Ottawa: Queen's Printer, 1962.) [219]

Food and Agriculture Organization of the United Nations. FAO Nutritional Meetings Report Series. No. 30: Calcium Requirements: Report of an FAO/WHO Expert Group, Rome, Italy, 23 to 30 May 1961. Pp. iv+54. 2s. 6d.; 50 cents. No. 31: Evaluation of the Toxicity of a Number of Antimicrobials and Antioxidants—Sixth Report of the Joint FAO/WHO Expert Committee on Food Additives. Pp. 104. 6s. 8d.; 1.25 dollars. (Rome: Food and Agriculture Organization of the United Nations; London: H.M. Stationery Office, 1962.) [219]

O.E.C.D.: European Nuclear Energy Agency. Nuclear Public Relations—Contact Group. List of Films on Nuclear Energy. Second edition. Pp. x+63. (Paris: O.E.C.D., European Nuclear Energy Agency, 1962.) [219]

Sandia Corporation. Research Report (SC-4722, RR): Fallout Report—Beta-Gamma Radioactivity in Air at Sandia Laboratory, January through June 1962. By R. E. Womelsdorf. Pp. 12. (Washington, D.C.: Office of Technical Services, Department of Commerce, 1962.) 50 cents. [219]

Food and Agriculture Organization of the United Nations. FAO Forestry and Forest Products Studies. No. 14: *Pinus radiata*. By C. W. Scott. Pp. xii+328. (Rome: Food and Agriculture Organization of the United Nations; London: H.M. Stationery Office, 1962.) 17s. 6d.; 8.50 dollars. [219]

World Health Organization. Public Health Papers. No. 15: Epidemiology of Air Pollution—Report on a Symposium. By P. J. Lawther, A. B. Martin and E. T. Wilkins. Pp. 32. 1 Swiss franc; 1s. 9d.; 0.30 dollars. Technical Report Series. No. 230: Calcium Requirements—Report of an FAO/WHO Expert Group. Pp. iv+54. 2 Swiss francs; 3s. 6d.; 0.60 dollars. No. 241: Joint FAO/WHO, Expert Committee on Meat Hygiene—Second Report. Pp. 88. 8 Swiss francs; 5s.; 1 dollar. No. 242: Standardization of Reporting of Dental Diseases and Conditions—Report of an Expert Committee on Dental Health. Pp. 23. 1 Swiss franc; 1s. 9d.; 0.30 dollars. (Geneva: World Health Organization; London: H.M. Stationery Office, 1962.) [219]

### 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