

material in glasshouses, the sampling of plant materials, and assistance with chemical laboratory work—The Registrar, University of New England, Armidale, New South Wales, Australia; and The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, December 15).

SENIOR LECTURER, LECTURER, OR ASSISTANT LECTURER IN MATHEMATICS in the School of Mathematical and Physical Sciences—The Registrar, University of East Anglia, Earlham Hall, Norwich, Norfolk (December 16).

PROFESSOR and a SENIOR LECTURER or LECTURER IN BOTANY; and a SENIOR LECTURER or LECTURER IN ZOOLOGY at the University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 20).

SENIOR LECTURER or LECTURER IN ENGINEERING MATHEMATICS at the University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 20).

SENIOR LECTURER or LECTURER IN ELECTRICAL ENGINEERING at the University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 20).

ASSISTANT IN PATHOLOGY in Queen's College, Dundee—The Secretary, University of St. Andrews, Queen's College, Dundee (December 21).

LECTURER IN ANATOMY AND HISTOLOGY IN THE DEPARTMENT OF AGRICULTURE, Sutton Bonington, near Loughborough—The Registrar, The University, Nottingham (December 21).

LECTURER IN THE DEPARTMENT OF MEDICAL PHYSICS—The Secretary, The University, Edinburgh (December 21).

LECTURER IN PURE MATHEMATICS—The Registrar, The University, Manchester 13 (December 28).

RESEARCH OFFICER (Biochemist) (with a Ph.D. degree or postgraduate research experience of equivalent standard and duration supported by satisfactory evidence of research ability, and preferably training and experience in mammalian biochemical research) AT THE MCMASTER ANIMAL HEALTH LABORATORY, Commonwealth Scientific and Industrial Research Organization, Sydney, to undertake research in some aspects of chemical pathology, particularly in relation to the effects of parasitism—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 202/214 (December 28).

CHAIR OF CHEMISTRY—The Secretary, The University, Aberdeen (December 31).

GRADUATE IN MECHANICAL ENGINEERING or APPLIED MATHEMATICS, to conduct research on an aspect of vibration concerned with transport—The Secretary, University College, Gower Street, London, W.C.1 (December 31).

LECTURER (with an honours degree in pharmacy or the equivalent, and preferably subsequent specialization in physical chemistry) IN PHARMACEUTICS at the University of Adelaide, Adelaide, South Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia, December 31).

LECTURERS or ASSISTANT LECTURERS IN PHILOSOPHY (including Philosophy of Science); SOCIOLOGY; and SOCIAL PSYCHOLOGY—The Registrar, University of Sussex, Stanner House, Stanner, Brighton, Sussex (December 31).

READER IN THE ELECTRICAL ENGINEERING DEPARTMENT—The College Secretary, Welsh College of Advanced Technology, Cathays Park, Cardiff, quoting Ref. No. BH 233 (December 31).

TENNENT CHAIR OF OPHTHALMOLOGY—The Secretary of University Court, The University, Glasgow (December 31).

UNIVERSITY TUTOR IN DENTAL ANATOMY—The Secretary, The Queen's University, Belfast, Northern Ireland (January 6).

LECTURER IN ANTHROPOLOGY IN THE DEPARTMENT OF GEOGRAPHY—The Registrar and Secretary, University of Durham, Old Shire Hall, Durham (January 15).

LECTURER/SENIOR LECTURER IN ARCHAEOLOGY (Greek and Roman Archaeology) at the University of Sydney, Australia—The Secretary, The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 15).

SENIOR LECTURERS or LECTURERS IN ANATOMY (including Histology) and PHYSIOLOGY (including Biochemistry) at the University College of Rhodesia and Nyasaland Medical School—The Assistant Registrar, The Medical School, Birmingham 15 (January 15).

UNIVERSITY ASSISTANT LECTURER (preferably with a knowledge of South Asia, that is, Pakistan, India, Ceylon) IN SOCIAL ANTHROPOLOGY—The Secretary of the Appointments Committee, Faculty of Archaeology and Anthropology, The University, Downing Street, Cambridge (January 15).

BIOCHEMIST (Basic grade) at the City General Hospital, to work with, and assist, the Senior Biochemist—The Group Secretary, Stoke-on-Trent Hospital Management Committee, Princes Road, Stoke-on-Trent.

ELECTRONIC SPECIALIST (with knowledge and experience of both valve and transistor methods) IN THE DEPARTMENT OF VETERINARY PHYSIOLOGY, to establish and take charge of an electronic workshop from January 1, 1964. The duties will include the construction, modification and maintenance of high-quality electronic apparatus used in biological research—The Secretary to the University, University of Edinburgh, Old College, South Bridge, Edinburgh.

GRADUATE PHYSICAL or INORGANIC CHEMIST (with some botanical knowledge, and preferably aged 25-30), for research on surface coatings and preservatives for wood—The Secretary, Timber Research and Development Association, St. John's Road, Tylers Green, High Wycombe, Bucks.

MASTER TO TEACH BIOLOGY to "A" level, with some CHEMISTRY and BIOLOGY, in the Middle School—The High Master, St. Paul's School, London, W.14.

RESEARCH FELLOW or RESEARCH ASSISTANT (with research experience, and for the Fellowship a Ph.D. in physics) IN THE DEPARTMENT OF PHYSICS, to work for one year on Admiralty sponsored research on the thermal properties of alkaline-earth oxides—The Registrar, The University, Keele, Staffs.

RESEARCH TECHNICIAN or JUNIOR GRADUATE CHEMIST (with experience of, or an interest in, steroid chemistry) IN THE DEPARTMENT OF GROWTH AND DEVELOPMENT, to assist in research on endocrinology of human growth—The Secretary, Institute of Child Health, Great Ormond Street, London, W.C.1.

SENIOR BIOCHEMIST FOR THE DEPARTMENT OF CHEMICAL PATHOLOGY in the Group Laboratory at Epsom District Hospital, for duties principally in laboratory supervision, with opportunities for conducting original work—The Group Secretary, Epsom District Hospital, Epsom, Surrey.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Current Medical Research. (A reprint of articles in the Report of the Medical Research Council for the year 1961-1962.) Pp. v+69. (London: H.M. Stationery Office, 1963.) 5s. 6d. net. [249]

Department of Scientific and Industrial Research. Current Research in Machine Tools, No. 2. Pp. v+68. (London: Machine-Tools Co-ordinating Committee, Department of Scientific and Industrial Research, 1963.) [249]

Agricultural Research Council. The Nutrient Requirements of Farm Livestock. No. 1: Poultry—Summary of Recommendations. Pp. v+50. (London: Agricultural Research Council, 1963. Obtainable from H.M. Stationery Office.) 2s. 6d. net. [249]

Armour Iless Chemicals, Ltd. Arquads. (A New Monograph on Quaternaries.) Pp. 18. (Leeds: Armour Iless Chemicals, Ltd., 1963.) [269]

National Institute for Research in Dairying, University of Reading. Report for 1962. Pp. 180. (Sharnfield, Berkshire: National Institute for Research in Dairying, University of Reading, 1963.) 7s. 6d. [269]

Hertfordshire County Council Technical Information Service. A Select Bibliography on Computer Applications in Commerce and Industry. Compiled by C. R. Randall. Pp. 51, 3s. A Directory of Computer Service Bureaux in the United Kingdom. Compiled by J. T. Graham. Pp. 30, 2s. (Boc Green, Hatfield: Hertfordshire County Council Technical Library and Information Service, Hatfield College of Technology, 1963.) [269]

Agricultural Research Council, Radiobiological Laboratory. Annual Report 1962-63. Pp. x+108. (ARCRL 10.) (London: Agricultural Research Council, 1963. Obtainable from H.M. Stationery Office.) 7s. 6d. net. [269]

Ministry of Education. List of Special Schools for Handicapped Pupils in England and Wales (including Boarding Homes maintained by Local Education Authorities for Handicapped Pupils, and Establishments for Further Education and Training of Disabled Persons). Pp. v+45. (London: H.M. Stationery Office, 1963.) 4s. 6d. net. [269]

The Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom. A Compendium of University Entrance Requirements for First Degree Courses in England and Wales (excluding part-time and external degree courses). Pp. 128. (London: The Association of Commonwealth Universities, 1963.) 8s. 6d. [269]

### Other Countries

United States Department of the Interior: Fish and Wildlife Service. Bureau of Commercial Fisheries. Fishery Bulletin No. 215: Bibliography on the Biology of the Cod *Gadus morhua* and Related Species. By John P. Wise. Pp. iv+483-538. (Washington, D.C.: Government Printing Office, 1963.) 40 cents. [269]

Smithsonian Institution. United States National Museum Bulletin, No. 234: Cephalopods of the Philippine Islands. By Gilbert L. Voss. Pp. v+180. (Washington, D.C.: Government Printing Office, 1963.) 1 dollar. [269]

Publications de l'Institut National pour l'Etude Agronomique du Congo. Série Technique, No. 69: Contribution à l'Etude de l'Eucalyptus au Rwanda (et au Burundi). Par M. Reynders. Pp. 98+12 Photographs. (Bruxelles: Institut National pour l'Etude Agronomique du Congo, 1963.) 125 francs. [269]

Smithsonian Contributions to Astrophysics. Vol. 6: Research in Space Science. Pp. vii+242. (Washington, D.C.: Government Printing Office, 1963.) 2 dollars. [269]

Colony of Mauritius. Meteorological Observations and Climatological Summaries, 1962. July, 1962. Pp. 20. August, 1962. Pp. 20. September, 1962. Pp. 20. (Port Louis: Government Printer, 1963.) [269]

Deutsches Hydrographisches Institut, Hamburg. Jahresbericht, Nr. 17 für das Jahr 1962. Pp. 122. (Hamburg: Deutsches Hydrographisches Institut, 1963.) [410]

Earthquake Research Institute, University of Tokyo. Prediction of Earthquakes: Progress to Date and Plans for Further Development. Compiled by Chuji Tsuboi, Kiyoo Wadati and Takahiro Hagiwara. Pp. 21. (Tokyo: Earthquake Research Institute, University of Tokyo, 1963.) [410]

Fallout in New Zealand: Quarterly Report, April-June 1963. Pp. 15. (Report No. DXRL-F9.) (Christchurch, N.Z.: Dominion X-ray and Radium Laboratory, Department of Health, 1963.) [410]

Smithsonian Contributions to Astrophysics. Vol. 8, No. 1: Accurate Drag Determinations for Eight Artificial Satellites; Atmospheric Densities and Temperatures. By Luigi G. Jacchia and Jack Slowe. Pp. ii+99. (Washington, D.C.: Government Printing Office, 1963.) 65 cents. [410]

United States Department of Agriculture, in co-operation with Texas Agricultural Experiment Station. Production Research Report, No. 73: Pink Bollworm kill with Improved Gm Equipment. By O. T. Robertson, D. F. Martin, D. M. Albersson, V. L. Stedbroinsky and D. M. McEachern. Pp. 8. (Washington, D.C.: Government Printing Office, 1963.) [410]

Food and Agriculture Organization of the United Nations. Report of the Fourth Inter-African Conference on Food and Nutrition. Douala, Cameroun, 4-13 September, 1961. Pp. 54. (Home: Food and Agriculture Organization of the United Nations; London: H.M. Stationery Office, 1963.) 5s.; 1 dollar. [410]

Canada: Department of Mines and Technical Surveys. Paper 62-34: Quaternary Stratigraphy in Southern Alberta. By A. MacS. Stalker. Pp. iv+52, 75 cents. Paper 63-21: Geological Survey of Canada Radiocarbon Dates I and II. By W. Dyck and J. G. Fyles. Pp. 31, 35 cents. Paper 63-37: Catalogue of the Canadian National Meteoric Collection Listing Acquisitions to March 31, 1963. By K. E. Dawson. Pp. 69, 35 cents. Memoir 317: The Cretaceous Alberta Group and Equivalent Rocks, Rocky Mountain Foothills, Alberta. By D. F. Stoff. Pp. 306 (36 plates). 3.50 dollars. (Ottawa: Queen's Printer, 1963.) [410]

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