

SENIOR RESEARCH ASSOCIATE (plant physiologist or physical scientist interested in plant physiological problems) in THE SCHOOL OF BIOLOGICAL SCIENCES, to work under the general direction of Prof. J. Dainty on a programme of ionic and water relations of plant cells and tissues—The Registrar, University of East Anglia, Earlham Hall, Norwich, Nor. 05G (December 16).

SENIOR LECTURER or LECTURER in OPHTHALMOLOGY—The Registrar, The University, Sheffield (December 18).

SENIOR LECTURER or LECTURER in GEOGRAPHY 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 PHARMACOLOGY 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 (with a degree in chemistry or biochemistry and extensive experience in clinical chemistry) in THE DEPARTMENT OF CLINICAL CHEMISTRY—The Secretary, The University, Edinburgh (December 21).

ASSISTANT LECTURER in THE DEPARTMENT of ZOOLOGY, University of Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 22).

DEPUTY CHIEF SCIENTIFIC OFFICER (Virologist) to TAKE CHARGE of the VIROLOGY SECTION of the MICROBIOLOGICAL RESEARCH ESTABLISHMENT, Porton Down, Wilts, and to undertake research in the field of animal viruses, particularly those groups which attack man, and to supervise the work of a group of scientific staff working in allied fields—The Secretary, Civil Service Commission, 23 Savile Row, London, W.1, quoting Ref. S/5790/63 (December 31).

LECTURER (qualified in physics and an interest in the application of physical techniques to biology and particularly macromolecules or electron microscopy) in THE DEPARTMENT of BOTANY—The Secretary, University College, Gower Street, London, W.C.1 (December 31).

LECTURER (with a special interest in gas dynamics) in THE DEPARTMENT of MECHANICAL ENGINEERING—The Secretary, University College, Gower Street, London, W.C.1 (December 31).

SENIOR LECTURER in EXPERIMENTAL PHYSICS; and a **LECTURER** and an **ASSISTANT LECTURER in EXPERIMENTAL or THEORETICAL PHYSICS**—The Registrar, University of Sussex, Stanmer House, Stanmer, Brighton (December 31).

READER or SENIOR LECTURER in CHEMISTRY; and a **LECTURER** and an **ASSISTANT LECTURER in CHEMISTRY**—The Registrar, University of Sussex, Stanmer House, Stanmer, Brighton (December 31).

MARGUERITE A. KEASREY OFFICIAL FELLOW and LECTURER in THEORETICAL PHYSICS—The Warden, New College, Oxford (January 1).

CHAIR of APPLIED ELECTROMAGNETISM, with particular reference to plasma engineering—The Registrar, The University, Liverpool, quoting Ref. No. CV/462 (January 11).

CHAIR of PUBLIC HEALTH and SOCIAL MEDICINE—The Secretary, The University, Edinburgh (January 15).

SENIOR LECTURER or LECTURER in ENTOMOLOGY at Rhodes University, Grahamstown, South Africa—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, January 15).

CHAIR of MATHEMATICAL STATISTICS at Monash University—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; or The Registrar, Monash University, P.O. Box 92, Clayton, Victoria, Australia (Australia and London, January 31).

UNIVERSITY LECTURER in BIOCHEMISTRY—The Administrator, Department of Biochemistry, The University, South Parks Road, Oxford (January 31).

ASSISTANT or ASSISTANT LECTURER (with special interests in inorganic chemistry) in THE DEPARTMENT of CHEMISTRY—The Professor, Department of Chemistry, University College, Upper Merrion Street, Dublin 2, Republic of Ireland.

LECTURER in MATHEMATICS; and an **ASSISTANT LECTURER in ZOOLOGY** at the University of Basutoland, Betsuanaland Protectorate and Swaziland—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1.

LECTURER (with good academic qualifications and preferably experience of teaching, research or industry) in MATHEMATICS—The Academic Registrar, Loughborough College of Technology, Loughborough, Leicestershire quoting Ref. 35/G.

PHYSICIST (with experience of electronics), to work in the application of computers to experiments in the field of nuclear structure—Nuclear Physics Laboratory, The University, 21 Banbury Road, Oxford.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Admiralty, Hydrographic Department. Admiralty Marine Science Publication No. 4: Bathymetric, Magnetic and Gravity Investigations, H.M.S. Owen, 1961-1962. Part 2: Profile. Pp. 2+35 profiles+track chart and profile index. (H.D. 539). (London: Admiralty, Hydrographic Department, 1963.) 109

University Grants Committee. Returns from Universities and University Colleges in receipt of Treasury Grant, Academic Year 1961-1962. Pp. xvi+46. (Cmd. 2135). (London: H.M. Stationery Office, 1963.) 6s. net. [189]

Hospital Engineering Research Unit. A Study of the Performance of the Air Conditioning Plants at Three Operating Theatre Suites. Pp. 32. (Glasgow: Hospital Engineering Research Unit, 3 Lilybank Gardens, 1963.) 5s. [189]

The State of Our Schools: a Report of the Findings of the National Survey of Schools, 1962. Part 3: An Analysis of the Findings Relating to Grammar Schools, Comprehensive Schools and Special Schools. Pp. 19. (London: National Union of Teachers, 1963.) 2s. 6d. [189]

Annual Report on the Meteorological Office for the year 1 January to 31 December 1962. Pp. viii+70+4 plates. (M.O. 745). (London: H.M. Stationery Office, 1963.) 5s. 6d. net. [189]

Department of Scientific and Industrial Research. Forest Products Research. Bulletin No. 38: The Efficiency of Adhesives for Wood. By R. A. G. Knight. Pp. v+29+8 plates. (London: H.M. Stationery Office, 1963.) 4s. net. [189]

British Mycological Society. List of Members. Pp. 30. (Cambridge: R. C. F. Mace, Secretary, British Mycological Society, c/o Plant Breeding Institute, 1963.) [189]

Ciba (A.R.L.), Ltd. Technical Notes, No. 249, (September, 1963): Quality Control of Chipboard. Pp. 8. (Duxford: Ciba (A.R.L.), Ltd., 1963.) [189]

The British Glass Industry Research Association. Eighth Annual Report 1963. Pp. 44. (Sheffield: The British Glass Industry Research Association, 1963.) [189]

The Institute of Navigation. Report of the Council, 1962-3. Pp. 17. (London: The Institute of Navigation, 1963.) [189]

The Veterinarian, Vol. 1, No. 1, (July, 1963). An International Journal devoted to Large Animal Practice. Edited by Bruce V. Jones and Dr. D. H. L. Rollinson. Pp. 1-92. Annual subscription rates: (A) For libraries, government establishments, research laboratories, etc. £7 (20 dollars); (B) For individuals who place their orders directly with the publisher and certify that the journal is for their personal use, £3 (9 dollars); (C) For members of the Society of Practising Veterinary Surgeons, £2. (London and New York: Pergamon Press, 1963.) [189]

Bulletin of the British Museum (Natural History). Botany. Vol. 3, No. 3: Angiosperms of the Cambridge Annobon Island Expedition. By A. W. Exell. Pp. 93-118+plates 3-12. (London: British Museum (Natural History), 1963.) 15s. [189]

General Register Office. Census 1961: England and Wales. County Report—Essex. Pp. xxiii+247. (London: H.M. Stationery Office, 1963.) 45s. net. [189]

Other Countries

Annals of the New York Academy of Sciences. Vol. 105, Article 5: Anticipated Biological and Environmental Effects of Detonating a Twenty-Megaton Weapon on Columbia Circle in New York City. By Tom Stonier. Comment by Merrill Eisenbud and Lt. Gen. F. W. Farrell. Pp. 287-393. (New York: New York Academy of Sciences, 1963.) 3 dollars. [249]

Reactor Centrum Nederland. Summary of Activities, January 1962-July 1963. Pp. 18. (The Hague: Reactor Centrum Nederland, 1963.) [149]

Memoirs of the Connecticut Academy of Arts and Sciences. Vol. 15, (July, 1963): The Cephalocarida—Functional Morphology, Larval Development, Comparative External Anatomy. By Howard L. Sanders. Pp. 80. (New Haven, Conn.: Connecticut Academy of Arts and Sciences; Copenhagen: Ejnar Munksgaard, Ltd., 1963.) 4 dollars. [249]

Transactions of the American Philosophical Society. New Series, Vol. 53, Part 5: The Scent of Time—a Study of the Use of Fire and Incense for Time Measurement in Oriental Countries. By Silvio A. Iedini. Pp. 51. (Philadelphia: American Philosophical Society, 1963.) 2 dollars. [249]

United States Department of the Interior: Geological Survey. Bulletin 1119: Geology of Portland, Oregon and Adjacent Areas. By Donald E. Trimble. Pp. v+119+plate 1. Bulletin 1135-B: Oxidized Zinc Deposits of the United States. By Allen V. Heyl. Pp. vi+104+plates 1-9. (Washington, D.C.: Government Printing Office, 1963.) [269]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Bulletin 100: Clearwater Lake, New Quebec. By S. H. Franck and G. W. Sinclair. Pp. ix+25 (5 plates). 75 cents. Memoir 327: Terra Nova and Bonavista Map-Areas, Newfoundland. By Stuart E. Jenness. Pp. xii+184 (13 plates). 2 dollars. Paper 62-35: Additional Notes to Accompany Map 3—1958 (Fury and Hecla Strait Map-Area), and Map 4—1958 (Foxe Basin North Map-Area). By R. G. Blackadar. Pp. ii+24. 35 cents. Paper 63-8: Field and Laboratory Methods Used by the Geological Survey of Canada in Geological Surveys. No. 3: Method for Determining Arsenic. By J. J. Lynch and G. Mihailov. Pp. 1+12. 35 cents. Paper 63-3: Palynology and Stratigraphy of some Upper Pennsylvanian and Permian Rocks of the Maritime Provinces. By M. S. Barrs, P. A. Hacqubard and R. D. Howie. Pp. ii+13. 35 cents. (Ottawa: Queen's Printer, 1963.) [269]

The Creative Scientist: His Training and His Role. By Dr. Glenn T. Seaborg. Pp. 9. (Oak Ridge, Tennessee: U.S. Atomic Energy Commission, Division of Technical Information Extension, Educational Materials Section Dept. SS-1, P.O. Box 62, 1963.) [269]

Objectivity of Space-Time and Pure Wave Approach to Atomic Processes and Dynamics. By A. G. Lahiri. Pp. iii+36. (Burdwan, India: A. G. Lahiri, Burdwan Raj College, 1963.) [269]

United States Department of Commerce: National Bureau of Standards. NBS Report 7882: The Application of Automata Theory to Problems in Information Retrieval, with Selected Bibliography. By Russell A. Kirsch. (A Report from the Research Information Center and Advisory Service on Information Processing, Data Processing Systems Division, to the National Science Foundation.) Pp. ii+70. (Washington, D.C.: Department of Commerce: National Bureau of Standards, 1963.) [269]

Organisation for Economic Co-operation and Development. OECD Scientific Research. Country Reports on the Organisation of Scientific Research—United States. Prepared by Mary E. Corning. Pp. 96. (Paris: Organisation for Economic Co-operation and Development, 1963.) [269]

National Academy of Sciences—National Research Council. Sub-committee on Radiochemistry. NAS-NS 3108: Application of Distillation Techniques to Radiochemical Separations. By James E. DeVoe. (Nuclear Science Series: Radiochemical Techniques.) Pp. vi+29. (Washington, D.C.: Office of Technical Services, Department of Commerce, 1963.) 50 cents. [269]

Annals of the New York Academy of Sciences. Vol. 105, Article 6: The Inter-professional Treatment of the Disturbed and Delinquent Adolescent. By Alfred B. Ambler, Jerome M. Goldsmith, Samuel Rosmarin, and Grace M. Abbate. Pp. 383-420. (New York: New York Academy of Sciences, 1963.) 2.50 dollars. [269]

Organisation for Economic Co-operation and Development. Science and the Policies of Governments: The Implications of Science and Technology for National and International Affairs. Pp. 55. (Paris: Organisation for Economic Co-operation and Development, 1963.) [269]

Chicago Natural History Museum. Fieldiana: Geology. Vol. 14, No. 8: *Parasaurolophus cyrtocristatus*, a Crested Hadrosaurian Dinosaur from New Mexico. By John H. Ostrom. Pp. 143-168. (Chicago: Chicago Natural History Museum, 1963.) 1 dollar. [269]

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