

LECTURER (trained and experienced teacher with a degree in chemistry or biology) IN EDUCATION at the University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Hong Kong and London, January 31).

LECTURER (with at least an honours degree or equivalent qualifications, some postgraduate research experience, and preferably interests in mammalian or human biochemistry) IN BIOCHEMISTRY in the School of Biological Sciences, University of New South Wales—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2 and The Appointments Section, University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (January 31).

OFFICIAL FELLOW AND LECTURER (mathematician or theoretical physicist) IN MATHEMATICS—The Vice-Provost, Worcester College, Oxford (January 31).

SENIOR RESEARCH ASSISTANT (with a higher degree in chemistry or biochemistry, and several years experience in biochemical research) IN BIOCHEMISTRY, to be engaged full time in a research programme in the field of protein chemistry—The Director of Research, St. Vincent's School of Medical Research, Victoria Parade, Fitzroy, N.6, Victoria, Australia (February 28).

ASSISTANT, ASSOCIATE or FULL PROFESSOR OF PSYCHOLOGY and an ASSISTANT PROFESSOR OF PSYCHOLOGY—Prof. J. R. Royce, Head, Department of Psychology, University of Alberta, Edmonton, Alberta, Canada.

ASSISTANT PROFESSOR OF PHYSICS—Prof. C. E. Challice, Department of Physics, University of Alberta, Calgary, Alberta, Canada.

ASSOCIATE PROFESSOR or ASSISTANT PROFESSOR IN THE DEPARTMENT OF PHYSICS—Head of the Department of Physics, Victoria College, Victoria, B.C., Canada.

HISTORICAL ARCHAEOLOGIST (graduate with specialization in archaeology, approximately four years experience in conducting archaeological investigations, including the excavation of historical ruins) in the Department of Northern Affairs and National Resources, Louisbourg, Nova Scotia, Canada, to undertake all archaeological excavations in connexion with the restoration of the Fortress of Louisbourg National Historic Park—Civil Service Commission of Canada, Ottawa, Ontario, Canada.

MASTER TO TEACH MATHEMATICS to public school scholarship standard—The Headmaster, Lathallan School, Montrose, Angus.

PHYSICISTS or ELECTRICAL ENGINEERS (preferably with experience in one or more of the following fields: high vacuum; R.F. techniques (75 mc./s.); high power rectifier and pulse circuits; general electronic instrumentation and controls) IN THE DEPARTMENT OF PHYSICS, to assist with the construction and commissioning of a large heavy ion linear accelerator—The Assistant Director, Linear Accelerator Laboratory, Physics Department, The University, Manchester.

RESEARCH ASSISTANT (with a degree in engineering and some knowledge of mechanical vibration) IN THE DEPARTMENT OF ENGINEERING, for work on certain problems related to the vibration of turbine blades—The Secretary, The University, Old College, South Bridge, Edinburgh.

RESEARCH FELLOW (recent or prospective Ph.D. graduate in biochemistry, physiology, nutrition or allied subjects) IN THE FIELD OF NUTRITION IN THE DEPARTMENT OF PHYSIOLOGY AND BIOCHEMISTRY—The Secretary and Registrar, The University, Southampton.

SCIENTIFIC OFFICER (with an honours degree in chemistry or agricultural chemistry, A.R.I.C. or an equivalent qualification, and particularly interested in analytical chemistry) IN THE CHEMISTRY DEPARTMENT, to take part in researches on the composition of milk—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, quoting Ref. 61/32.

SENIOR LECTURER IN ORGANIC CHEMISTRY—The Registrar, The University, Leicester.

SENIOR LECTURER IN PHYSICS and a LECTURER IN PHYSICS—Clerk to the Governing Body, Northern Polytechnic, Holloway, London, N.7.

SENIOR LECTURER or LECTURER (with a knowledge of West African livestock and feeding-stuffs, especially grass) IN AGRICULTURAL BIOCHEMISTRY AND NUTRITION at the University College, Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1.

SENIOR TECHNICIAN, for histological research—The Secretary, The Royal Free Hospital, Gray's Inn Road, London, W.C.1.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Materials for Gas Chromatography: Standards and Data for "Embaphase", Stationary Phases, and "Embase" Kieselguhr. Second edition. Pp. 68. (Dagenham: May and Baker, Ltd., 1961.) [259]

The Industrial Diamond Information Bureau. Diamonds in Industry: an Introduction. Pp. 12. The Diamond Research Laboratory, Pp. 4. (London: The Industrial Diamond Information Bureau, 1961.) [259]

Radiation Botany, Vol. 1, No. 1 (September, 1961). (An International Journal devoted to Plant Radiobiology and Closely Related Fields.) Pp. 100. Annual subscription rates: (A) For libraries, government establishments, research laboratories, etc., 140s.; 20 dollars. (B) For individuals who place their orders directly with the publisher and certify that the journal is for their personal use, 70s.; 10 dollars. (London and New York: Pergamon Press, 1961.) [259]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 710, Vol. 244 (21 September, 1961): A Study of a Natural Population of *Phytodecta Olivacea* (Forster) (Coleoptera, Chrysomeloidea). By O. W. Richards and Nadejda Waloff. Pp. 205-257. (London: Royal Society, 1961.) 18s. [259]

Falklands Islands Dependencies Survey. Scientific Reports. No. 26: The Geology of the South Shetland Islands. 1: The Petrology of King George Island. Pp. 28+3 plates. 10s. net. No. 27: The

Geology of the South Shetlands Islands. 2: The Geology and Petrology of Deception Island. By D. D. Hawkes. Pp. 43+4 plates. 16s. net. (London: H.M. Stationery Office, 1961. Published for the Colonial Office.) [259]

Other Countries

American Academy of Arts and Sciences, Boston. Records of the Academy (including new members elected 10 May, 1961), 1960-1961. Pp. 157. (Boston, Mass.: American Academy of Arts and Sciences, 1961.) [259]

United States Department of the Interior: Geological Survey. Bulletin 1058-H: Geology of Part of the Craig C-2 Quadrangle and Adjoining Areas, Prince of Wales Island, Southeastern Alaska. By C. L. Sainsbury. Pp. v+299-362+plates 33-39. Bulletin 1087-I: Relation of Uranium Deposits to Tectonic Pattern of the Central Cordilleran Foreland. By Frank W. Osterwald and Basil G. Dean. Pp. iii+337-390+plates 28-34. Bulletin 1116-E: Index to Geophysical Abstracts 180-183, 1960. By James W. Clarke, Dorothy B. Vitaliano, Virginia S. Neuschel, and others. Pp. ii+637-695. 25 cents. Bulletin 1117-A: Geochemistry of Minor Elements on Coals of the Northern Great Plains Coal Province. By Peter Zubovic, T. Stadnichenko, and Nola B. Sheffey. Pp. iv+58+plate 1. 50 cents. (Washington, D.C.: Government Printing Office, 1961.) [259]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1498-D: Effect of Depth of Flow on Discharge of Bed Material. By Bruce R. Colby. Pp. iii+12. 15 cents. Water-Supply Paper 1522: Quality of Surface Waters of the United States, 1957. Parts 7 and 8: Lower Mississippi River Basin and Western Gulf of Mexico Basins. Prepared under the direction of S. K. Love. Pp. x+499. Water-Supply Paper 1539-C: Ground-Water Reconnaissance of Winnemucca Lake Valley, Pershing and Washoe Counties, Nevada. By C. P. Zones. Pp. iii+18+plate 1. 45 cents. Water-Supply Paper 1539-R: Selected Bibliography on Evaporation and Transpiration. By T. W. Robinson and A. I. Johnson. Pp. ii+25. Water-Supply Paper 1581: Ground-Water Potentialities in the Crescent Valley, Eureka and Lander Counties, Nevada. By C. P. Zones. Pp. iv+50+plate 1. Water-Supply Paper 1610-A: Waterpower Resources of the Bradley River Basin, Kenai Peninsula, Alaska. By F. A. Johnson. Pp. iv+25+plate 1. (Washington, D.C.: Government Printing Office, 1961.) [259]

Canada. National Research Council, and Medical Research Council. Report on University Support, 1960-61. Pp. 123. (N.R.C. No. 6390.) (Ottawa: National Research Council, and Medical Research Council, 1961.) [259]

Tokyo Astronomical Observatory. Tokyo Astronomical Bulletin, Second Series. No. 123, (January 25, 1961): A Total Eclipse of the Sun, July 20, 1963 and its Circumstances in Hokkaido, Japan. By Shinko Aoki and Yoshiko Endo. Pp. 1695-1706. No. 140, (February 20, 1961): A Method of Improvement of the PZT Star Places. By Masahisa Torao, Shigetaka Iijima, and Naoyuki Matsumami. Pp. 1759-1769. No. 142, (March 5, 1961): Polar Tube Observations during 1960. By Baosuke Sekiguchi and Jun'itsu Matsumoto. Pp. 1901-1902. No. 143, (March 20, 1961): On the Auto-Compensating Effect in Travel Time of Radio Signals. By Shigetaka Iijima. Pp. 1903-1916. No. 144, (February 5, 1961): A New Photo-electric Photometer with Electronic Refrigerator. By Masaaki Huruhashi and Masatoshi Kitamura. Pp. 1917-1922. (Tokyo: Tokyo Astronomical Observatory, 1961.) [259]

Occasional Papers of the California Academy of Sciences. No. 30, (August 31, 1961): The Immature Stages of *Callonnia*, with the description of a New Species of this Genus (Diptera: Platypseidae). By Edward L. Kessel. Pp. 10+1 plate. (San Francisco: California Academy of Sciences, 1961.) [259]

Annals of the New York Academy of Sciences. Vol. 94, Article 1: Plasma Proteins in Health and Disease. By George T. Dimopoulos and 40 other authors. Pp. 1-336. (New York: New York Academy of Sciences, 1961.) [259]

National Academy of Sciences: National Research Council. Nuclear Science Series. NAS-NS 3038: The Radiochemistry of Tellurium. By G. W. Leddicotte. Pp. v+42. (Washington, D.C.: Office of Technical Services, Department of Commerce, 1961.) 50 cents. [259]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Geological Maps—Preliminary Series. Map 9-1961: Kettle Rapids, Manitoba, (Sheet 54D). Map 10-1961: La Loche, Saskatchewan, (Sheet 74C). Map 16-1961: Firebag River Area, Alberta and Saskatchewan, (Sheets 74E (E $\frac{1}{2}$) and 74F (F $\frac{1}{2}$)). Geological Maps. Map 1063-A: Collins Point, West of Principal Meridian, Manitoba, (Sheet 63 N/3, West Half.) (Ottawa: Geological Survey of Canada, 1961.) [259]

Administration of South-West Africa. Marine Research Laboratory. Investigational Report No. 2: The Pilchard of South-West Africa (*Sardinops ocellata*)—Age Studies and Age Composition of *Sardinops ocellata* in the Commercial Catches, 1952-1958, and a New Method for the Determination of the Age of *Sardinops ocellata*. By O. Nawratil. Pp. 43. (Windhoek: Secretary for South-West Africa, 1961.) [259]

United States Department of Agriculture. Farmers' Bulletin No. 1893: Control of Grape Diseases and Insects in the Eastern United States. By J. R. McGrew, G. W. Still and Howard Baker. Pp. 1+32. (Washington, D.C.: Government Printing Office, 1961.) 20 cents. [259]

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