

LECTURER (Grade II) (preferably with an interest in numerical analysis or operational research) IN THE COMPUTER UNIT (Department of Mathematics)—The Registrar, University of Bristol, Senate House, Bristol 2 (February 10).

ASSISTANT LECTURER IN THE DEPARTMENT OF ELECTRONIC COMPUTING—The Secretary, The University, Aberdeen (February 15).

CHAIR OF ELECTRICAL POWER ENGINEERING; and CHAIR OF SOCIOLOGY—The Registrar, The University, Southampton (February 15).

CHAIR OF SOCIAL AND PREVENTIVE MEDICINE—The Registrar, The University, Manchester 13 (February 15).

LECTURER IN THEORETICAL CHEMISTRY—The Secretary, The University, Edinburgh (February 17).

LECTURER or ASSISTANT LECTURER IN BACTERIOLOGY—The Registrar, The University, Leeds 2 (February 17).

LECTURERS or ASSISTANT LECTURERS (2) (preferably with interests in the morphology or taxonomy of a plant group or in plant pathology) IN THE DEPARTMENT OF BOTANY—The Registrar, The University, Hull (February 19).

LECTURER (preferably with an honours degree or equivalent qualifications) IN THE DEPARTMENT OF CIVIL ENGINEERING—The Secretary, Battersea College of Technology, London, S.W.11 (February 20).

ASSISTANT LECTURERS IN CHEMISTRY—The Secretary, The University, Aberdeen (February 21).

ASSISTANT LECTURER or LECTURER IN PSYCHOLOGY—The Registrar, The University, Keele, Staffs (February 22).

D.S.I.R. POST-DOCTORAL RESEARCH ASSISTANT (preferably with experience in X-ray crystallography, solid state thermodynamics, low temperature techniques or computing) IN THE DEPARTMENT OF CHEMISTRY, to work on aspects of crystal structure thermodynamics—The Registrar, The University, Keele, Staffs (February 22).

LECTURER IN MATHEMATICS IN St. Salvator's College—The Secretary, University of St. Andrews, College Gate, St. Andrews, Scotland (February 22).

POST-DOCTORAL RESEARCH FELLOW IN CHEMISTRY, to work on the instrumentation of far infra-red and high resolution Raman spectrometers and/or the application of these techniques to the study of the vibrational spectra of inorganic molecules—The Registrar, The University, Manchester 13 (February 22).

ASSISTANT LECTURER or LECTURER IN BIOCHEMISTRY—The Registrar, The University, Hull (February 28).

ASSISTANT LECTURER or LECTURER IN INORGANIC CHEMISTRY—The Secretary, The Royal College of Science and Technology, George Street, Glasgow, C.1 (February 29).

TUTORIAL STUDENTS IN THE DEPARTMENT OF CHEMISTRY—The Secretary, The University, Aberdeen (February 29).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS (Ph.D. standard) IN CHEMISTRY, PHYSIOLOGICAL CHEMISTRY, AGRICULTURAL CHEMISTRY, AGRICULTURAL BOTANY, HORTICULTURE, MICROBIOLOGY, GEOLOGY, PHYSICS or related subjects—The Registrar (Room 22, O.R.B.), The University, Reading (March 4).

IMPERIAL CHEMICAL INDUSTRIES FELLOWS (preferably with the degree of Ph.D. or equivalent research experience), to carry out original research in Chemistry or Physics—The Registrar, The University, Keele, Staffs (March 6).

IMPERIAL CHEMICAL INDUSTRIES FELLOWS FOR RESEARCH IN PHYSICS, CHEMISTRY, COLLOID SCIENCE, BIOCHEMISTRY, ENGINEERING, METALLURGY, PHARMACOLOGY, CHEMOTHERAPY or related subjects—The Secretary-General of the Faculties, University of Cambridge, The Old Schools, Cambridge (April 30).

TURNER and NEWALL FELLOW FOR RESEARCH IN ENGINEERING, CHEMICAL ENGINEERING, INORGANIC CHEMISTRY, PHYSICAL CHEMISTRY, METALLURGY or PHYSICS—The Secretary-General of the Faculties, University of Cambridge, The Old Schools, Cambridge (April 30).

ASSISTANT PROFESSOR, an ASSOCIATE PROFESSOR, and a PROFESSOR (with research interest in solid state, low temperature, nuclear or theoretical physics) IN THE DEPARTMENT OF PHYSICS—The Chairman, Department of Physics, University of Alberta, Edmonton, Alberta, Canada.

ASSISTANT PROFESSOR (with a Ph.D. in pharmacognosy or plant chemistry) IN THE SCHOOL OF PHARMACY—Dr. J. R. Murray, Director, School of Pharmacy, The University of Manitoba, Winnipeg, Canada.

LECTURER (honours graduate in a biological science, and preferably interested in organizing a course in genetics) IN MICROBIOLOGY IN THE DEPARTMENT OF APPLIED MICROBIOLOGY AND BIOLOGY—The Secretary, The Royal College of Science and Technology, George Street, Glasgow, C.1.

PHYSIOLOGIST or ZOOLOGIST (with an honours degree in zoology or physiology and some experience in the field of mammalian reproduction) in a small unit investigating the biochemical and physiological properties of cervical secretions with particular reference to fertility—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, Berks, quoting Ref. 64/3.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

The Scientific Proceedings of the Royal Dublin Society. Series A. Vol. 1, No. 13: Studies on the Formation and Amonerization of Sugar Acetates. By P. S. O'Colla, E. E. Lee and D. McGrath. Pp. 337-342. 2s. Vol. 1, No. 14: Measurement of the Uranium and Thorium Content of Rocks Using an E.M.I. 953B, 5 Inch Photomultiplier Tube. By F. N. Byrne. Pp. 343-364. 4s. Series B. Vol. 1, No. 8: Breeding of Lions in the Dublin Zoo (1857-1962). By Dr. Arthur E. J. Went. Pp. 67-82. 3s. Vol. 1, No. 9: The Place of a National Arboretum in the Irish Economy. By Prof. J. Doyle. With Notes by H.M. Fitzpatrick and Prof. T. Clear. Pp. 83-92. 2s. Vol. 1, No. 10: Recent Studies on Urea Utilisation by Ruminants. By Dr. Allen D. Tillman and Dr. D. M. McAleese. Pp. 93-112. 5s. (Dublin: Royal Dublin Society, 1963.) [2211]

Other Countries

Transactions of the Royal Society of New Zealand. Botany. Vol. 2, No. 6, (July 5, 1963): *Gastrodia minor* Patric, an Epiparasite of Manuka. By Ella O. Campbell. Pp. 73-82. Vol. 2, No. 7, (August 23, 1963): Pollen Morphology of New Zealand Species of Myrtaceae. By D. J. McIntyre. Pp. 83-108. Vol. 2, No. 8, (August 23, 1963): Parasitism in *Eracarpus bidwillii* Hook. f. By B. A. Fineran. Pp. 109-120. Vol. 2, No. 9, (August 28, 1963): The Origin of Periderm in Some New Zealand Plants. By D. E. Robinson and Janet K. Grigor. Pp. 121-124+plate 1. Vol. 2, No. 10, (August 30, 1963):

Notes on *Uncinia* (Cyperaceae—Caroicoideae) from New Zealand, New Caledonia, Kerguelen and Amsterdam Islands. By B. G. Hamlin. Pp. 127-131. General. Vol. 1, No. 7, (May 31, 1963): A New Zealand Phytochemical Register—Part 1. By S. G. Brooker, B. F. Cain and R. C. Cambie. Pp. 61-88. Vol. 1, No. 8, (August 8, 1963): The Supra-Littoral Fringe of New Zealand Sand Beaches. By R. J. MacIntyre. Pp. 89-103. (Wellington: Royal Society of New Zealand, 1963.) [2211]

Transactions of the Royal Society of New Zealand. Geology. Vol. 2, No. 5, (July 7, 1963): The Question of High Pleistocene Shorelines. By C. A. Cotton. Pp. 51-62. Vol. 2, No. 4, (May 24, 1963): Upper Pleistocene Succession in the Inland Part of Waikarapa Valley, New Zealand. By Paul Vella. Pp. 63-78. Vol. 2, No. 5, (August 5, 1963): Geology of the Koettlitz-Blue Glacier Region, Southern Victoria Land, Antarctica. By H. B. Blank, R. A. Cooper, R. H. Wheeler and I. A. G. Willis. Pp. 79-100. Vol. 2, No. 6, (August 5, 1963): Designation of a Lectotype for the Normal Species *Belennopsis alfurica* (Boehm) 1907. (Cephalopoda, Dibranchiata). By G. R. Stevens. Pp. 101-104+plate 1. Vol. 2, No. 7, (August 5, 1963): The Alpine Fault. By R. P. Suggate. Pp. 105-130. (Wellington: Royal Society of New Zealand, 1963.) [2211]

Transactions of the Royal Society of New Zealand. Zoology. Vol. 3, No. 1, (May 24, 1963): Wing Development and Evolution of New Zealand Lucanidae (Insecta: Coleoptera). By Beverley A. Holloway. Pp. 99-116. Vol. 3, No. 12, (June 7, 1963): Tetracyclididae and Diphyllididae Cestodes of New Zealand Selachians. By Claude G. Alexander. Pp. 117-142. Vol. 3, No. 13, (May 24, 1963): A New Family and Genus of Sonasteroidea. By H. Barraclough Fell. Pp. 143-150+plate 1. Vol. 3, No. 15, (August 12, 1963): Revision of the Genus *Megaolobus* Broun 1893. (Coleoptera: Curculionidae: Rhyparominae). By Brenda M. May. Pp. 151-164. Vol. 3, No. 16, (August 15, 1963): The North Otago Shelf Fauna. Part 3: Chordata, Sub-phylum Gnathostomata. By John Graham. Pp. 165-170. Vol. 3, No. 17, (August 13, 1963): Notes on some New Zealand Mollusca in the British Museum. By R. K. Dell. Pp. 171-178. Vol. 3, No. 18, (August 5, 1963): *Pachygrapsis marinus* (Rathbun), a New Crab for New Zealand Waters. By R. K. Dell. Pp. 179-180. Vol. 3, No. 19, (August 28, 1963): New Zealand Cave Fauna. 2: The Limestone Caves Between Port Waikato and Piopio Districts. By Brenda M. May. Pp. 181-204+plates 1 and 2. Vol. 3, No. 20, (August 28, 1963): Archibenthal Mollusca from Northern New Zealand. By R. K. Dell. Pp. 205-216+plate 1. Vol. 3, No. 21, (August 28, 1963): The Mollusca of the Genus *Argobuccinum* (Family Cymatidae). By R. K. Dell. Pp. 217-288+plates 1 and 2. (Wellington: Royal Society of New Zealand, 1963.) [2211]

Australia: Commonwealth Scientific and Industrial Research Organization. Division of Plant Industry Technical Paper No. 18: A Vegetation Survey in the Macquarie Region. By E. F. Biddiscombe. Pp. 26+8 plates. (Melbourne: Commonwealth Scientific and Industrial Research Organization, 1963.) [2211]

New Zealand Forest Service: Forest Research Institute. Forestry Research Notes. No. 27: Assessment of an Animal-Control Campaign in the Harper-Avoea Catchment. By C. L. Batcheler and P. C. Logan. Pp. 27+6 photographs. (Wellington: Government Printer, 1963.) [2211]

United Nations. Science and Technology for Development: Report on the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas. Vol. 1: World of Opportunity. Pp. viii+267. (New York: United Nations, 1963.) 6 dollars. [2211]

Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem. Heft 108, (Juli 1963): 34. Deutsche Pflanzenschutztagung der Biologischen Bundesanstalt für Land- und Forstwirtschaft in Lübeck, 8-13, Oktober 1962. Pp. 187. 30 D.M. Heft 109, (August 1963): Zur Beeinflussung der Arthropodenfauna Nordwestdeutscher Kartoffelfelder durch die Anwendung Synthetischer Kontaktinsektizide. Von Paul Steiner, Dr. Fritz Wenzel und Dr. Dietrich Baumert. Pp. 38. 8.50 D.M. (Berlin-Dahlem: Biologischen Bundesanstalt für Land- und Forstwirtschaft, 1963.) [2211]

Pflanzengeographische Kommission der Schweizerischen Naturforschenden Gesellschaft. Beiträge zur Geobotanischen Landesaufnahme der Schweiz. Heft 44: Waldgesellschaften im Westlichen Aargauer Mittelland, mit Einer Farbigen Waldkarte. Von Hans Konrad Frehner. Pp. 96. (Bern: Verlag Hans Huber, 1963.) 32.50 Sw. francs; 32.50 D.M. [2211]

Festschrift—Dr. h.c. Albert J. Schmidli zu seinem achtzigsten Geburtstag am 3. November 1963. Herausgegeben von der Direktion und von den wissenschaftlichen Abteilungen der Wild Heerbrugg A.G. Heerbrugg/Schweiz. Pp. 126. (Heerbrugg, Schweiz: Wild Heerbrugg, 1963.) [2211]

Bulletin of the American Museum of Natural History. Vol. 125, Article 4: A Revision of the South American Genus *Hyphantus* (Coleoptera, Curculionidae, Otiiorhynchinae). By Patricia Vaurie. Pp. 239-304. (New York: American Museum of Natural History, 1963.) 1.50 dollars. [2211]

Institut für Atomenergi: Kjeller Research Establishment. Kjeller Report No. 50: Coolant Void Reactivity Measurements in a D₂O Moderated Lattice with 7 Rod UO₂ Fuel Clusters. By F. W. A. Habermann. Pp. 32+29 figures. (Kjeller, Norway: Institut für Atomenergi, Kjeller Research Establishment, 1963.) [2211]

United States Department of the Interior: Geological Survey. Professional Paper 382-A: Stratigraphy and Structure of the Rainier and USGS Tunnel Areas, Nevada Test Site. By W. R. Hansen, R. W. Lemke, J. M. Cattermole and A. B. Gibbons. Pp. vi+49+plates 1-6. Professional Paper 403-F: Mineralogy of Selected Soils from Guam. By Dorothy Carroll and John C. Hathaway. With a section on Description of Soil Profiles by Carl H. Stensland. Pp. iv+53. Professional Paper 414-H: Crystalline Rocks of the Potomac River Gorge near Washington, D.C. By John C. Reed, Jr., and J. Jolly. Pp. iii+16+plates 1 and 2. (Washington, D.C.: Government Printing Office, 1963.) [2211]

Editorial and Publishing Offices of "NATURE" MACMILLAN (JOURNALS) LIMITED

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

Telephone Number: Whitehall 8831. Telegrams: Phis Lesquare London.

Annual subscription: Inland £13, Overseas £13 15s., payable in advance, postage paid to any part of the world.

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