

SENIOR LECTURER (with special knowledge in the field of theoretical quantum physics) IN APPLIED MATHEMATICS at the University of Cape Town—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and The Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Province, South Africa (London and South Africa, November 15).

LECTURER IN APPLIED PHYSICS—The Registrar and Secretary, University of Durham, 38 North Bailey, Durham (November 16).

LECTURERS (2) IN PURE MATHEMATICS IN THE DEPARTMENT OF MATHEMATICS in the Faculty of Science—The Registrar, The University, Manchester 13 (November 16).

JUNIOR LECTURER (preferably interested in cytological or physiological aspects of vertebrate reproduction) IN ZOOLOGY—The Secretary, Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (November 18).

LECTURER (with advanced training in statistics or equivalent experience, and an interest in the application of mathematics and statistics to research in biology and agriculture) IN BIOMETRY, Waite Agricultural Research Institute—The Registrar, University of Adelaide, Adelaide, South Australia (November 18).

LECTURER IN VETERINARY PHYSIOLOGY—The Registrar, The University, Liverpool, quoting Ref. CV/424/N (November 23).

LECTURER (preferably with an interest and experience in biochemical and/or physiological genetics) IN BOTANY (Genetics) IN THE SCHOOL OF GENERAL STUDIES, Australian National University—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, November 25).

SENIOR TECHNICIAN (with Higher National Certificate, City and Guilds Final or equivalent qualification) IN THE DEPARTMENT OF PHYSICS, Makerere University College, East Africa, for duties which will include assisting in the maintenance and construction of electronic and other types of equipment used in teaching and research in the department, and in a radio-isotope unit shortly to be attached to it—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (November 25).

LECTURER (with research experience in nuclear magnetic resonance) IN PHYSICS—The Registrar, The University, Nottingham (November 27).

CHEMIST or BIOCHEMIST (preferably with some experience in chemical work) IN THE DEPARTMENT OF CHEMICAL PATHOLOGY, for work on metabolism of steroid hormones involving microchemical and radiochemical techniques—The Secretary, St. Mary's Hospital Medical School, London, W.2.

RESEARCH ASSISTANTS (2) (graduates with a first degree in the biological sciences or chemistry), to take part in programmes designed to study (1) human chromosome abnormality and associated disorder; and (2) chromosome behaviour in normal and abnormal karyotypes—The Secretary, Genetics Department, The University, Sheffield 10.

RESEARCH FELLOW IN THE DEPARTMENT OF ANATOMY, to study the physiology of reproduction and in particular to investigate the control of fertility in primates and lower mammals—The Assistant Registrar, The Medical School, The University, Birmingham 15.

SENIOR LECTURER (with a good honours degree and a research degree in chemistry and previous teaching experience) IN ORGANIC CHEMISTRY at Bournemouth Municipal College of Technology and Commerce, to teach up to B.Sc. General and G.R.I.C. Parts I and II—Chief Education Officer, Town Hall, Bournemouth.

TECHNICIAN (preferably with experience in chromatographic techniques) IN THE ENTERIC REFERENCE LABORATORY, to assist in an M.R.C. supported research project, mainly concerned with bacterial polysaccharides—The Director, Central Public Health Laboratory, Colindale Avenue, London, N.W.9.

VISITING ASSOCIATE PROFESSOR IN THE DEPARTMENT OF GEOPHYSICS; and a NATIONAL RESEARCH COUNCIL POST-DOCTORAL FELLOW IN THE DEPARTMENT OF GEOPHYSICS—A. B. Beck, University of Western Ontario, London, Ontario, Canada.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Ciba (A.R.L.), Ltd. Technical Notes, No. 248. (August, 1963): In Coventry Cathedral: Uses Made of Modern Synthetic Resin Adhesives. Pp. 10. (Duxford: Ciba (A.R.L.), Ltd. 1963.) [218]

History of Science: An Annual Review of Literature, Research and Teaching, Vol. 2, 1963. Edited by A. C. Crombie and M. A. Hoskin. Pp. vi+177. (Cambridge: W. Heffer and Sons, Ltd., 1963.) Paper bound 21s net; cloth bound 50s. net. [218]

The Rowett Research Institute. Annual Report on Animal Nutrition and Allied Sciences, Vol. 19, 1963. Pp. 83. (Bucksburn, Aberdeen: The Rowett Research Institute, 1963.) [218]

University Grants Committee. First Employment of University Graduates, 1961-1962. Pp. iii+24. (London: H.M. Stationery Office, 1963.) 2s. net. [218]

Ministry of Housing and Local Government; Scottish Development Department; Ministry of Health and Local Government, Northern Ireland. Radioactivity in Drinking Water in the United Kingdom—1962 Results. Pp. 24. (London: H.M. Stationery Office, 1963.) 1s. 9d. net. [218]

The Natural Rubber Bureau. Annual Report for 1962. Pp. 27. (London: The Natural Rubber Bureau, 1963.) [218]

Ministry of Agriculture, Fisheries and Food. At the Farmer's Service: a Handy Reference to Various Services Available to Farmers in England and Wales. Pp. 88. (Pinner, Middx.: Ministry of Agriculture, Fisheries and Food (Publications), 1963.) [218]

Imperial College. Science of Materials. (An outline of the research work on materials, notably in the solid state, being undertaken in the Science and Engineering Departments of Imperial College.) Pp. ii+31+4 plates. (London: Imperial College, 1963.) [218]

Bulletin of the British Museum (Natural History). Geology. Vol. 8, No. 3: The Silurian Rocks of the Ludlow District, Shropshire. By Dr. Charles Hepworth Holland, Dr. James Dixon Lawson and Dr. Victor Gordon Walmesley. Pp. 93-171+7 plates. 40s. Vol. 8, No. 4: Middle Jurassic Ostracoda from North Lincolnshire. By Dr. Raymond Holmes. Pp. 173-219+15 plates. 38s. Vol. 8, No. 5: The Fauna of the Portrane Limestone. 1: The Inarticulate Brachiopods. By Anthony David Wright. Pp. 221-254+4 plates. 20s. (London: British Museum (Natural History), 1963.) [218]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 734, Vol. 246, (15 August 1963): Unstalked

Crinoids of the Antarctic Continental Shelf. Notes on their Natural History and Distribution. By J. W. S. Marr. Pp. 327-379+plate 49. 21s.; 3.15 dollars. No. 735, Vol. 246, (15 August 1963): The Phylogeny of Sea-Stars. By H. B. Fell. Pp. 381-435+plates 50 and 51. 24s.; 3.60 dollars. (London: The Royal Society, 1963.) [218]

The Royal Society. British National Committee for Geodesy and Geophysics. United Kingdom Contributions to the Upper Mantle Project. Pp. 36. (London: The Royal Society, 1963.) [268]

London and Home Counties Regional Advisory Council for Technological Education. Bulletin of Special Courses in Higher Technology, Management Studies and Commerce, 1963-64, Part 1: Autumn Term. Pp. 134. 4s. Fourteenth Annual Report, 1962. Pp. 30. (London: London and Home Counties Regional Advisory Council for Technological Education, 1963.) [268]

British Scientific Instrument Research Association. Annual Report, 1962/3. Pp. 40. (Chislehurst: British Scientific Instrument Research Association, 1963.) [268]

Economic Growth and Manpower: Papers presented at the DACIE Spring Conference held at the Federation of British Industries, London, 18 April, 1963. Pp. 55. (London: British Association for Commercial and Industrial Education, 1963.) 10s. [268]

The Electrical Research Association. Technical Report Z/T139: P Cygni, γ Cassiopeiae and the Planetary Nebulae. By C. E. R. Bruce. Pp. 15+5 figures. (Leatherhead: The Electrical Research Association, 1962.) 15s. [268]

Other Countries

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Bulletin 90: Palaeomagnetic Study of the Sudbury Irregularity. By S. R. Sopher. Pp. ix+34. 75 cents. Paper 62-32: Rogers Pass Map-Area, British Columbia and Alberta. By J. O. Wheeler. Pp. iv+32. 75 cents. Paper 63-2: Summary of Activities—Office and Laboratories. Compiled by S. E. Jenness. Pp. ii+76. 35 cents. (Ottawa: Queen's Printer, 1963.) [208]

Institut Royal Météorologique de Belgique. Contribution No. 81: Sur la Détermination de la Stabilité des Séries Climatologiques. Par Dr. R. Sneyers. Pp. 8. Publications, Série A, No. 39: Étude Micrométéorologique. Opuscule II: Dunes Littorales—Oostduinkerke, Août 1961 et Juillet-Août 1962. Par Dr. S. M. de Baeker. Pp. 20. Publications, Série B, No. 38: Le Temps en 1962. Par Dr. R. Sneyers. Pp. 56. (Uccle-Bruxelles: Institut Royal Météorologique de Belgique, 1963.) [208]

Galathea Report, Vol. 6: The Systematics and Biology of Bathyal and Abyssal Isopoda Asellota. By Dr. Torben Wolff. (Scientific Results of the Danish Deep-Sea Expedition Round the World 1950-52.) Pp. 320+19 plates. (Copenhagen: Danish Science Press, Ltd., 1962.) 120 Danish kr. [208]

Canada: Department of Mines and Technical Surveys. Publications of the Dominion Astrophysical Observatory, Victoria. Vol. 11, No. 23: A Program for Computing Early-Type Model Atmospheres and Testing the Flux Integral. By Anne B. Underhill. Pp. 433-466. Vol. 11, No. 24: A Program for Computing the Theoretical Spectrum from a Model Atmosphere. By Anne B. Underhill. Pp. 467-489. Vol. 12, No. 1: Radial Velocities of 670 B Stars. By R. M. Petrie and J. A. Pearce. Pp. 1-90. Vol. 12, No. 2: A Study of the Binary System V380 Cygni (Boss 5070). By Alan H. Batten. Pp. 91-110. Vol. 12, No. 3: The O-Type Spectroscopic Binary 14 Cephei. By R. M. Petrie. Pp. 111-116. (Ottawa: Queen's Printer, 1962.) [208]

United States Department of the Interior: Geological Survey. Bulletin 1103: Geology and Uranium-Vanadium Deposits of the Monument Valley Area, Apache and Navajo Counties, Arizona. By Irving J. Witkind and Robert E. Thaden. Pp. vi+171+plates 1-7. Bulletin 1132: Geology, Ore Deposits, and Exploratory Drilling in the Deer Flat Area, White Canyon District, San Juan County, Utah. By Tommy L. Funnell, Paul C. Franks and Harold A. Hubbard. Pp. vi+114+plates 1-8. Bulletin 1141-O: Reconnaissance Geology of Northern Baranof Island, Alaska. By H. C. Borg and D. W. Hineley. Pp. iii+24+plate 1. (Washington, D.C.: Government Printing Office, 1963.) [208]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1612: Geology and Ground-Water Resources of Hays County, Texas. By Kenneth J. DeCook. Pp. v+72+plates 1-5. Water-Supply Paper 1603: Reconnaissance of Ground-Water Resources in the Mississippi Plateau Region, Kentucky. By R. E. Brown and T. W. Lambert. Pp. v+58+plates 1-16. Professional Paper 370: Geology of the Three Forks Quadrangle, Montana. By G. D. Robinson. With sections on Petrography of Igneous Rocks by H. Frank Barnett. Pp. iv+143+plates 1-3. Professional Paper 413: Geology of the Funeral Peak Quadrangle, California, on the East Flank of Death Valley. By Harold Drewes. Pp. iv+78+plates 1 and 2. Professional Paper 421-B: Bedrock Geology of the Kasser Quadrangle, Colorado. By Glenn R. Scott. Pp. iv+125+plates 1 and 2. Professional Paper 425: Geo-chemistry and Petrology of the Alkaline Igneous Complex at Magnet Cove, Arkansas. By H. L. Erickson and J. V. Blaine. Pp. v+95+plates 1-3. Professional Paper 429-A: Quantitative and Qualitative Analysis of the Family Boliviniidae. By Patsy B. Smith. Pp. iv+39+plates 1-31. (Washington, D.C.: Government Printing Office, 1963.) [208]

Companhia de Diamantes de Angola (DIAMANG). Servicos Culturais. Dundo—Lunda—Angola. Museu do Dundo. Subsídios para a História, Arqueologia e Etnografia dos povos da Lunda. Publicações Culturais No. 57: Cabecas Gravadas da Lunda. Por Mário Fontinha e Acácio Videira. Pp. 178 (34 plates). (Lisboa: Companhia de Diamantes de Angola, 1963.) [208]

Republic of South Africa. Department of Commerce and Industries: Division of Sea Fisheries. Thirty-first Annual Report for the period 1st April, 1959, to 31st March, 1960. (Reprint from *Commerce and Industry*, January 1963.) Pp. 242. (Cape Town: Division of Sea Fisheries, Beach Road, Sea Point, 1963.) [218]

Bechuanaland Protectorate. Records of the Geological Survey Department, 1959/1960. Pp. 48+4 plates. (Lobatsi: Geological Survey Department, 1963.) 75 cents. [218]

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