

ASSISTANT LECTURER IN PHYSICS—The Registrar, The University, Nottingham.

ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR (PHYSIOLOGIST, with an M.D. or Ph.D. degree, and capable of independent research) IN THE DEPARTMENT OF PHYSIOLOGY—Prof. M. Beznak, Department of Physiology, University of Ottawa, Ottawa, Canada.

CHAIR OF MECHANICAL ENGINEERING in the Faculty of Engineering of University College, Ibadan, Nigerian College of Arts, Science and Technology—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1.

CHEMIST (with a good honours degree in chemistry or equivalent professional qualification, and preferably specialization or experience in public analyst work) IN THE GOVERNMENT CHEMISTS DEPARTMENT, Government of Tanganyika, for general analytical work in the fields of toxicology, food and drugs, and water; and the supervision of assistants—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.117/8/037.

DEPUTY DIRECTOR (with an honours degree in natural science, together with considerable postgraduate research experience, preferably not less than 10 years) OF AGRICULTURAL RESEARCH, Moor Plantation, Ibadan, Nigeria, to assist the Director of Agricultural Research in administrative duties—The Appointments Secretary, Federal Public Service Commission, Nigeria House, 9 Northumberland Avenue, London, W.C.2, quoting B.14/1.

HISTOLOGICAL SENIOR TECHNICIAN OR TECHNICIAN IN THE DERMATOLOGICAL DEPARTMENT, mainly for research—The Secretary, University College Hospital Medical School, University Street, London, W.C.1.

LECTURER OR JUNIOR LECTURER IN THE DEPARTMENT OF ZOOLOGY AND COMPARATIVE ANATOMY—The Secretary, The Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

LECTURER (preferably with a knowledge of heat transfer and its application to the design and operation of furnaces, etc., or practical experience of fuel using plant generally) IN FUEL TECHNOLOGY IN THE DEPARTMENT OF FUEL SCIENCE of the Houldsworth School of Applied Science—The Registrar, The University, Leeds 2.

PEST CONTROL OFFICER (preferably with a degree in general science and considerable practical experience in the control and elimination of insect pests and diseases of groundnuts) in Gambia, to eliminate or control insect pests and diseases affecting groundnuts and to enforce the Pest Control Legislation—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/12/09/T.

PHYSICIST (Basic grade), for work which will include problems of dosimetry of a new type linear accelerator as well as the existing cobalt unit and conventional X-ray apparatus—The Superintendent, Guy's Hospital, London, S.E.1.

POSTGRADUATE STUDENTS IN (1) MOLECULAR QUANTUM MECHANICS, and (2) ORGANIC NATURAL PRODUCTS, IN THE DEPARTMENT OF CHEMISTRY, for work leading to M.Sc. or Ph.D. degrees—Head, Chemistry Department, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

RESEARCH ASSISTANT OR TECHNICIAN (preferably with some experience of photography and/or workshop practice) IN THE PHYSICS DEPARTMENT, to help with experimental work on the strength of glass—The Professor of Physics, University College of North Staffordshire, Keele, Staffs.

REXCO RESEARCH AND DEVELOPMENT COMPANY RESEARCH STUDENTS (with, or anticipating to have, a good honours degree in chemistry, Grad.B.I.C., or a Dip.Tech. in pure or applied chemistry) IN THE DEPARTMENT OF PURE AND APPLIED CHEMISTRY, for the study of products from the low temperature carbonization of coal—Head of the Department of Applied Chemistry, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

SCIENTIFIC OFFICER (with an honours degree in physics or physical chemistry) IN THE BIOPHYSICS SECTION, to undertake investigation of virus and antibody systems by such methods as electron-microscopy, analytical ultracentrifugation and optical analysis generally—The Secretary, Research Institute (Animal Virus Diseases), Pirbright, Surrey.

SCIENTIFIC OFFICER WITH THE DAIRY MARKETING BOARD of Southern Rhodesia, to set up and operate a central laboratory in Salisbury for the qualitative control of the Board's products, assume responsibility for laboratory control at the Board's factories, and to investigate the development of new milk products—The Secretary, Dairy Marketing Board of Southern Rhodesia, P.O. Box 587, Salisbury, Southern Rhodesia.

STUDENT TECHNICIAN (well-educated girl approximately 18 years) to assist in clinical research investigations on chests in the Surgical Unit—The Secretary, University College Hospital Medical School, University Street, London, W.C.1.

STUDENT (with good honours in a first degree in physics) IN THE DEPARTMENT OF PHYSICS, for research on the thermionic and related aspects of the direct conversion of thermal to electrical energy—The Professor of Physics, The University, Southampton.

Colonial Development Corporation. Annual Report and Statement of Accounts for year to 31.12.59. Pp. v+77. (London: H.M. Stationery Office, 1960.) 5s. net. [206]

Other Countries

Ministerio de Agricultura, Bogota, D.E.-Colombia. Departamento de Investigacion Agropecuaria. Boletin de Divulgacion No. 8: Diajol Nima Variedad Mejorada de Frijol. Por C. Cardona, L. H. Camachi y S. H. Orozco. Pp. 24. (Bogota: Ministerio de Agricultura, 1959.) [36]
Columbia Encyclopedia. 1959 Supplement: Record of Events. Pp. 32. (New York: Columbia University Press; London: Oxford University Press, 1960.) 16s. net. [36]

Bulletin of the American Museum of Natural History. Vol. 119, Article 3: Studies on Amphisbaenids (Amphosbaenia, Reptilia). 1: A Taxonomic Revision of the Trogonophinae and a Functional Interpretation of the Amphisbaenid Adaptive Pattern. By Carl Gans. Pp. 129-204+plate 45. (New York: American Museum of Natural History, 1960.) 1.50 dollars. [36]

Deutscher Wetterdienst. Deutsches Meteorologisches Jahrbuch, Gebiet der ehem. Französischen Besatzungzone, 1945-1952. Pp. xii+182. (Offenbach a.M.: Selbstverlag des Deutschen Wetterdienstes, 1960.) [36]

United States Department of the Interior: Geological Survey, Bulletin 1061-F: Glacial Geology of the Mystic Lakes-Fresh Pond Area, Massachusetts. By Newton E. Chute. Pp. iii+187-216+plates 14-17. Bulletin 1072-0: Geology and Oil-Shale Resources of Naval Oil-Shale Reserve No. 2, Uintah and Carbon Counties, Utah. By W. B. Cashion. Pp. iv+793+plates 54-57. 1 dollar. Bulletin 1074-F: Geology and Uranium Occurrences in the Miller Hill Area, Carbon County, Wyoming. By James D. Vine and George E. Pritchard. Pp. iv+239+plates 14-20. (Washington, D.C.: Government Printing Office, 1959.) [36]

United States Department of the Interior: Geological Survey, Water-Supply Paper 1450: Quality of Surface Waters of the United States, 1956. Parts 1-4: North Atlantic Slope Basins to St. Lawrence River Basin. Prepared under the direction of S. K. Love. Pp. xv+603. Water-Supply Paper 1452: Quality of Surface Waters of the United States, 1956. Parts 7 and 8: Lower Mississippi River Basin and Western Gulf of Mexico Basins. Prepared under the direction of S. K. Love. Pp. xi+469. 1.50 dollars. Water-Supply Paper 1459-B: Restraints on Dissolved Ferrous Iron Imposed by Bicarbonate Redox Potential, and pH. By J. D. Hem. Pp. iii+33-55. 15 cents. Water-Supply Paper 1479: Geohydrologic Evaluation of Streamflow Records in the Big Wood River Basin, Idaho. By Rex O. Smith. Pp. v+68+2 plates. Water-Supply Paper 1481: Geology and Ground-Water Resources of the Winter Garden District, Texas, 1948. By Samuel F. Turner, Thomas W. Robinson, and Walter N. White. Pp. v+247+4 plates. Water-Supply Paper 1554: Surface Water Supply of the United States, 1958. Part 2-B: South Atlantic Slope and Eastern Gulf of Mexico Basins, Ogeechee River to Pearl River. Prepared under the direction of J. V. B. Wells. Pp. x+443. Water-Supply Paper 1560: Surface Water Supply of the United States, 1958. Part 6-B: Missouri River Basin below Sioux City, Iowa. Prepared under the direction of J. V. B. Wells. Pp. xi+504. (Washington, D.C.: Government Printing Office, 1960.) 2.75 dollars. [36]

United States Department of the Interior: Geological Survey, Water-Supply Paper 1561: Surface Water Supply of the United States, 1958. Part 7: Lower Mississippi River Basin. Prepared under the direction of J. V. B. Wells. Pp. xi+553. 1.75 dollars. Water-Supply Paper 1562: Surface Water Supply of the United States, 1958. Part 8: Western Gulf of Mexico Basins. Prepared under the direction of J. V. B. Wells. Pp. x+472. 1.50 dollars. Water-Supply Paper 1563: Surface Water Supply of the United States, 1958. Part 9: Colorado River Basin. Prepared under the direction of J. V. B. Wells. Pp. xi+505. (Washington, D.C.: Government Printing Office, 1960.) [36]

United States Department of the Interior: Geological Survey, Professional Paper 294-M: Foraminifera of the Monterey Shale and Puente Formation, Santa Ana Mountains and San Juan Capistrano Area, California. By Patsy Beckstead Smith. Pp. iii+463-495+plates 57-59. 40 cents. Professional Paper 332: Cretaceous and Tertiary Formations of the Book Cliffs, Carbon, Emery, and Grand Counties, Utah, and Garfield and Mesa Counties, Colorado. By D. Jerome Fisher, Charles E. Erdmann and John B. Reeside, Jr. Pp. iv+80+12 plates. Professional Paper 334-D: Late Paleozoic Gastropoda from Northern Alaska. By Ellis L. Yochelson and J. Thomas Dutro, Jr. Pp. iii+111-147+plates 12-14. 50 cents. Professional Paper 356-A: Oil Yield and Uranium Content of Black Shales. By Vernon E. Swanson. Pp. iii+44. 30 cents. (Washington, D.C.: Government Printing Office, 1960.) [36]

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Council for the Preservation of Rural England: Sheffield and Peak District Branch. Annual Report, May 1960. Pp. 30. (Sheffield: Council for the Preservation of Rural England, Sheffield and Peak District Branch, 1960.) [156]

British Broadcasting Corporation. B.B.C. Engineering Monograph No. 30: Film Processing and After-Processing Treatment of 16-mm Films. By L. J. Wheeler. Part 1: Film-Processing Equipment in the B.B.C. Television News Service. Part 2: After-Processing Treatment of 16-mm Films. Pp. 19. (London: British Broadcasting Corporation, 1960.) 5s. [156]

Central Advisory Water Committee. Sub-Committee on the Growing Demand for Water—Second Report. Pp. 5. (London: H.M. Stationery Office, 1960.) 6d. net. [206]

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

Annual subscription £7/15/-, 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