

The Director of Research, The Natural Rubber Producers' Research Association, Welwyn Garden City, Hertfordshire.

EXPERIMENTAL OFFICER (preferably with experience of chromatographic, electrophoretic and radioactive tracer techniques as applied to nucleic acids and proteins) in the **BIOCHEMISTRY DEPARTMENT**, for work concerned with the structure and mechanism of replication of animal viruses—The Secretary, Animal Virus Research Institute, Pirbright, Surrey.

IMMUNOLOGIST (with general experience in microbial immunology, and preferably with a medical qualification) at the Mill Hill Laboratories of the Imperial Cancer Research Fund—The Secretary, Imperial Cancer Research Fund, Lincoln's Inn Fields, London, W.C.2.

INVESTIGATOR (graduate or equivalent) to join research staff initially for work on the evaluation of dust-sampling instruments for industrial use which will involve laboratory investigations and practical trials in industry—The Director, The British Cast Iron Research Association, Bordesley Hall, Alvechurch, Birmingham.

LECTURER IN CIVIL ENGINEERING—The Academic Registrar, Loughborough College of Technology, Loughborough, Leicestershire, quoting Ref. 28/G.

ORGANIC CHEMIST (Ph.D. with experience of the phosphines, phthalocyanines and/or similar substances) to investigate the reactions of their metal complexes—Prof. J. Chatt, Agricultural Research Council, Unit of Nitrogen Fixation, University of Sussex, Brighton, Sussex.

PLANT PATHOLOGIST (national of the United Kingdom or the Republic of Ireland, with a degree in botany of natural science, and preferably specialist training or postgraduate experience in mycology, virology or plant pathology) in Zambia, to investigate major diseases of crops of economic importance and to make recommendations based on experimental results—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting RC213/132/07.

PRINCIPAL LECTURER IN PSYCHOLOGY—The Director, Huddersfield Training College for Technical Teachers, Holly Bank Road, Lindley, Huddersfield.

PRINCIPAL SCIENTIFIC OFFICER (physicist or physical chemist) to work on the structure and physical properties of animal viruses and the intracellular processes involved in their replication—The Secretary, Animal Virus Research Institute, Pirbright, Surrey.

PROFESSOR OF POLYMER CHEMISTRY; a **PROFESSOR OF ASSOCIATE PROFESSOR** (with established research interests in mass spectroscopy) of **PHYSICAL CHEMISTRY**; and **ASSISTANT PROFESSORS OF ANALYTICAL, INORGANIC AND PHYSICAL CHEMISTRY**—The Chairman, Department of Chemistry, McGill University, Montreal, Quebec, Canada.

RESEARCH ASSISTANT (graduate with an honours degree in botany or agricultural botany) to assist with an investigation of the factors which determine the weed seed content of crop seeds—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

RESEARCH STUDENT (with a good honours degree or holder of G.R.I.C. at an equivalent level) in the **DEPARTMENT OF CHEMISTRY**, for research in the field of the synthesis of heterocyclic compounds or potential pharmacological activity—The Registrar, The University, Hull.

RESEARCH STUDENTS (with a good honours degree or a higher degree or expecting to obtain such a degree by next July) in both theoretical and experimental physics—Prof. L. R. B. Elton, Head of the Department of Physics, Battersea College of Technology, London, S.W.11.

SCIENTIFIC OFFICER OF SENIOR SCIENTIFIC OFFICER (with a first- or good second-class honours degree in chemistry, metallurgy or physics, and preferably experience in the field of oxidation) to join a team interested in basic studies related to the oxidation of metals and ceramics—The Personnel Department, Atomic Energy Research Establishment, Harwell, Didcot, Berkshire.

SCIENTIST (graduate in chemistry or biochemistry) in the Radioisotope Unit, to be concerned with developing new diagnostic radioisotope procedures, and to assist in clinical research involving the use of radioactive isotopes—The Administrator, Royal Marsden Hospital, Surrey Branch, Downs Road, Sutton, Surrey.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Commonwealth Mycological Institute. Mycological Papers. No. 95: A Supplementary List of Plant Diseases in Nyasaland. By D. C. M. Corbett. Pp. 16. 7s. 6d. No. 96: Revision of British Gymnoasceae. By A. E. Apinis. Pp. 56+3 plates. 17s. 6d. Miscellaneous Publications. No. 17: The Genus *Sclerospora*: Diagnoses (or Descriptions) from the Original Papers and a Key. Compiled by Grace M. Waterhouse. Pp. 30. 7s. 6d. No. 18: Virus Diseases of Cotton. By Dr. S. A. J. Tarr. Pp. 23. 7s. 6d. (Kew: Commonwealth Mycological Institute, 1964.) [3010]

Department of Scientific and Industrial Research: National Engineering Laboratory. N.E.L. Report No. 165: Rheological Research in Britain 1964—a Survey made jointly by the British Society of Rheology and the National Engineering Laboratory. By A. Y. McLean and A. T. J. Hayward. Pp. 104. (East Kilbride: National Engineering Laboratory, 1964.) [3010]

Imperial College of Science and Technology. Calendar 1964-65. Pp. xi+506. (London: Imperial College of Science and Technology, 1964.) [3010]

Central Youth Employment Executive. Choice of Careers. No. 111: Veterinary Science. Second edition. Pp. 28+9 photographs. (London: H.M. Stationery Office, 1964.) 1s. 3d. net. [3010]

Imperial College of Science and Technology. Prospectus 1965-66. Pp. viii+74+5 photographs. (London: Imperial College of Science and Technology, 1964.) [3010]

The Society for Analytical Chemistry. Monograph No. 2: The Determination of Sterols. (Six Papers originally presented at a Meeting of the Society held on May 2nd, 1962.) Pp. iv+72. (London: The Society for Analytical Chemistry, 1964.) 15s.; 2 dollars. [3010]

Ministry of Agriculture, Fisheries and Food. Review of the Persistent Organochlorine Pesticides: Supplementary Report by the Advisory Committee on Pesticides and other Toxic Chemicals. Pp. iv+8. (London: H.M. Stationery Office, 1964.) 1s. 3d. net. [3010]

The British Cast Iron Research Association. Forty-Third Annual Report for the year ending 30th June 1964. Pp. 110. (Alvechurch, Birmingham: The British Cast Iron Research Association, 1964.) [3010]

A Few Ideas: a Series of Talks broadcast in the B.B.C. Third Programme on Six Scientific Concepts. By John Maynard Smith, Prof. Roger Bland-Stoyle, Prof. C. A. Coulson, S. A. Barnett, Prof. Donald Mackay and Prof. O. R. Frisch. Pp. 56. 4s. 6d. A New Kind of Physics: a Broadcast Symposium. By Dr. Dennis Sciama, Dr. C. W. Kilmister, Prof. Fred Hoyle and Prof. Hermann Bondi. Pp. 32. 3s. (London: British Broadcasting Corporation, 1964.) [3010]

National Council for Quality and Reliability. Third Annual Report 1963-64. Pp. 19. (London: National Council for Quality and Reliability, 1964.) [3010]

Institute of Biology. Biology as a Career. Pp. 44. (London: Institute of Biology, 1964.) 3s. 6d. [3010]

An Annotated Bibliography of Memoirs and Papers on the Soils of the British Isles. Part 1: The Classification, Morphology, Distribution and Reclamation of British Soils. Edited and Compiled by B. T. Bunting. Pp. iv+100. (London: Geomorphological Abstracts, Department of Geography, London School of Economics, 1964.) 10s. [3010]

Society for the Promotion of Nature Reserves. Handbook 1964: Forty-Seventh Annual Report, year ending 31st March, 1964. Pp. 56+2 plates. (London: Society for the Promotion of Nature Reserves, c/o British Museum (Natural History), 1964.) 10s. [3010]

The International Nickel Company (Mond), Ltd. Nickel-Alkaline Accumulators. Pp. 24. (London: The International Nickel Company (Mond), Ltd., 1964.) [3010]

Year Book of the Royal Society of Edinburgh, 1964 (Session 1962-1963). Pp. 136. (Edinburgh: Royal Society of Edinburgh, 1964.) 20s.; 3.50 dollars. [3010]

The Chemistry of Proteins. By R. J. Taylor. (A Unilever Educational Booklet—Advanced Series.) Pp. 43. (London: Unilever, Ltd., 1964.) [3010] University College of Wales. Memorandum No. 7: Synopsis of Discussions held on March 18th, 1964, on the subject of Major Weather Hazards Affecting British Agriculture. Edited by James A. Taylor. Pp. 55. (Aberystwyth: University College of Wales, 1964.) [3010]

Bulletin of the British Museum (Natural History). Entomology. Vol. 15, No. 7: Revisional Notes on African *Charaxes* (Lepidoptera: Nymphalidae), Part 2. By V. G. L. van Someren. Pp. 181-235+23 plates. (London: British Museum (Natural History), 1964.) 63s. [211]

Imperial College of Science and Technology (University of London). Research Report of the City and Guilds College, 1961-64. Pp. 108. (London: City and Guilds College, 1964.) [211]

Other Countries

North Atlantic Treaty Organization: Advisory Group for Aeronautical Research and Development. AGARD—General Information 1964. Pp. 21. (Paris: Advisory Group for Aeronautical Research and Development, NATO, 1964.) [311]

Institut Météorologique de Belgique. Contributions, No. 92: Introduction à l'Étude du Climat. Par Dr. L. Poncelet. Pp. 5. Publications, Série A, No. 50: Études Microclimatiques, Opuscule III. A: Microclimat d'Une Peupleraie. Zoutleeuw (Léau), 1954-1955. Enregistrement des Températures à l'Intérieur et dans le Voisinage d'Un *Populus robusta*. Par Dr. S. M. de Backer. B: Aperçu Climatologique du Nord Est de la Hesbaye. Par Dr. A. Vandenplas. Pp. 21+14 planches. (Uccle-Bruxelles: Institut Royal Météorologique de Belgique, 1964.) [311]

Proceedings of the International Conference on Cosmic Rays, Jaipur, December 1963. Vol. 1: Solar Particles and Sun-Earth Relations. Pp. 265. (Colaba, Bombay: Tata Institute of Fundamental Research, 1964.) [311]

United States Department of the Interior: Geological Survey. Professional Paper 260-CC, DD, EE, FF, GG, HH: Bikini and Nearby Atolls, Marshall Islands. By Ryth Todd *et al.* Pp. iii+1087-1131+plates 289-303. [311]

Professional Paper 313-G: Geology of the Killik-Itkillik Region, Alaska. By William W. Patton, Jr., and I. L. Tailleux. Pp. iv+409-500+plates 50 and 51. [311]

Professional Paper 331-B: Neogastropoda, Opisthobranchia and Basomatophora from the Ripley, Owl Creek, and Prairie Bluff Formations. By Normal F. Sohl. Pp. 153-344+plates 19-52. [311]

Professional Paper 391-C: Quantitative Interpretation of Mineralogical Composition from X-ray and Chemical Data for the Pierre Shale. By Leonard G. Schultz. Pp. iii+81+plate 1. [311]

Professional Paper 483-C: Marine Jurassic Pelecypods from Central and Southern Utah. By Ralph W. Imley. Pp. iii+42+plates 1-4. [311]

Professional Paper 403-A: General Geology of Guam. By Joshua I. Tracey, Jr., Seymour O. Schlanger, John T. Stark, David B. Doan and Harold G. May. Pp. iv+104+plates 1-3. [311]

Professional Paper 418-B: Middle Bajocian Ammonites from the Cook Inlet Region, Alaska. By Ralph W. Imley. Pp. iv+91+plates 1-29. [311]

Professional Paper 442: Water Resources of the Upper Colorado River Basin—Basic Data. By W. V. Iorns, C. H. Hembree, D. A. Phoenix and G. L. Oakland. Pp. viii+1036+plates 1-4. (Washington, D.C.: Government Printing Office, 1964.) [311]

United States Department of the Interior: Geological Survey. Professional Paper 453: Geology of the Abajo Mountains Area, San Juan County, Utah. By Irving J. Witkind. Pp. v+110+plates 1-5. [311]

Professional Paper 454-L: Stratigraphy of the Niobrara Formation at Pueblo, Colorado. By Glenn R. Scott and William A. Cobban. Pp. iii+29+plates 1-11. [311]

Professional Paper 462-A: Discharge of Sands and Mean-Velocity Relationships in Sand-Bed Streams. By B. R. Colby. Pp. vii+47. [311]

Professional Paper 474-D: The 1961 Eruption of Kilauea Volcano, Hawaii. By D. H. Richter, W. U. Ault, J. P. Eaton and J. G. Moore. Pp. iii+84. [311]

Professional Paper 483-A: California Carboniferous Cephalopods. By Mackenzie Gordon, Jr. Pp. iii+27+plates 1-4. [311]

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United States Department of Agriculture, in co-operation with Florida Agricultural Experiment Station. Technical Bulletin No. 1295: The Tabanidae (Diptera) of Florida. By C. M. Jones and Darrell W. Anthony. Pp. ii+85. (Washington, D.C.: Government Printing Office, 1964.) [311]

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