

ANALYTICAL CHEMISTS (Experimental Officer grade) at the Atomic Energy Research Establishment, Harwell—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.78/52A/MA.

ASSISTANT PHYSICIST (degree in physics essential, and hospital experience preferred) IN THE RADIOTHERAPY CENTRE—The Secretary, War Memorial Hospital, Southorpe, Lincs.

BEIT MEMORIAL JUNIOR FELLOWSHIPS FOR MEDICAL RESEARCH—The Secretary, Beit Memorial Fellowships for Medical Research, Lister Institute, Chelsea Bridge Road, London, S.W.1.

BIOCHEMIST (Senior or Principal) IN THE UNIVERSITY DEPARTMENT OF HEMATOLOGY to carry out research work in conjunction with the haematological and endocrinological investigations in the Department, and to supervise the work of the research workers and staff in the biochemical laboratory—The Secretary, Manchester Royal Infirmary, Manchester 13.

DESIGN ENGINEER IN THE DEPARTMENT OF RURAL WATER SUPPLY, Public Works Department, Gold Coast—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27322/194.

DEVELOPMENT ENGINEERS AND TECHNICAL ASSISTANTS IN THE DIVISION OF ATOMIC ENERGY (Production), Capenhurst, Chester, to participate in the work of a team engaged in the pilot plant stage of translating physical and chemical research to the plant stage—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs, quoting Ref. 298.

ECOLOGIST (with a good honours degree in botany or a degree in agriculture with an interest in grassland ecology), Department of Soil and Land Use Survey, Gold Coast—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27059/305.

ELECTRICAL ENGINEERS for the Central Electrification Scheme in Cyprus—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.29024.V.

ELECTRICAL ENGINEERS (Principal Scientific Officer grade) at a Ministry of Supply Research Establishment south-east of London: (a) (Ref. D.42/52A) to be responsible for the engineering aspects of airborne electronic equipment; (b) (Ref. D.43/52A) for research and development in V.H.F. and U.H.F. transmission and reception; (c) (Ref. D.44/52A) with experience in the design of electronic equipment; (d) (Ref. D.45/52A) for design and development work in a wide field of electronic instruments—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting the appropriate Ref. No.

ELECTRICAL ENGINEERS AND PHYSICISTS for work on out-of-door instrumentation at Ministry of Supply Experimental and Development Establishments near Southend and Carlisle—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting D.63/52A.

ENGINEER Technical Grade I (Technical Author) at a Ministry of Supply Establishment at Chessington, for the preparation of official instructional handbooks and circuit diagrams on theoretical and practical (including servicing) aspects of airborne and ground electrical equipment or on complete electrical installations in aircraft—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting D.376/51A.

ENGINEERS in the Directorate of Ordnance Factories/Filling, Ministry of Supply, London—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting C.52/52A.

EXPERIMENTAL OFFICERS (highly skilled in experimental bacteriology, biochemistry or biophysics) at a Ministry of Supply Research Establishment near Salisbury—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting G.19/52A.

INVESTIGATOR (with honours degree in chemistry or metallurgy) to study corrosion of non-ferrous metals—The Research Manager, British Non-Ferrous Metals Research Association, Euston Street, London N.W.1.

MICROANALYST IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Bristol 8.

PHYSICAL CHEMIST (Principal Scientific Officer grade) (with a first or second-class honours degree or equivalent qualification in chemistry, and considerable research experience) with experience in reaction kinetics combining practical experience with a good theoretical physical or mathematical background, at a Ministry of Supply Research Establishment near London—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.66/52A.

PHYSICAL CHEMIST with a good degree and some research training, which preferably should include experience in the characterization of polymers—The Director of Research, British Rubber Producers' Research Association, 48 Tewin Road, Welwyn Garden City, Herts.

PHYSICISTS and CHEMISTS (with honours degree in physics or chemistry, associateship of the Institute of Physics or the R.I.C., or equivalent qualifications) at Capenhurst Factory, Chester, to undertake original research directed towards the design and development of an atomic energy factory and to collaborate with the engineering organizations responsible for the building and operation of the factory—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs, quoting Ref. 297.

PRINCIPAL SCIENTIFIC OFFICER at a Ministry of Supply Research Establishment near London: PHYSICIST with knowledge of the modern theories of the structure of metals, crystals, etc., for research on the properties of metals and other materials under high rates of strain such as may be experienced in explosives ammunition, but previous experience of explosives is unnecessary—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.27/52A.

RESEARCH ENGINEER (university graduate in engineering, specializing in thermodynamics) to conduct low temperature tests of mechanical equipment in cold chambers and to supervise operations of 1,000 h.p. ammonia refrigeration plant—The Employment Officer, National Research Council, Sussex Street, Ottawa, Canada (apply by airmail).

SCIENTIFIC ASSISTANT with ability to abstract in concise English, technical (horticultural) literature published in both English and several foreign languages—The Commonwealth Bureau of Horticulture and Plantation Crops, East Malling, Maidstone, Kent.

SENIOR SCIENTIFIC OFFICER at Ministry of Supply London headquarters (duties include the interpretation of Service requirements for fuses for aircraft bombs, and the initiation and co-ordination of associated research and development work)—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.21/52A.

SENIOR SCIENTIFIC OFFICER IN THE ORGANIC CHEMISTRY LABORATORY, to join a team of physical and organic chemists engaged on investigations related to the constitution of coal—The Assistant Secretary (Ref. A.6), British Coal Utilization Research Association, Randalls Road, Leatherhead, Surrey.

TECHNICAL AUTHORS (Engineer III Grade or Technical Grade I) at Ministry of Supply Establishments at Chessington, Malvern and Farnborough, for the preparation of official instructional publications on the theoretical and practical (including servicing) aspects of airborne and ground centimetric radar or radio communications equipment—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting D.375/51A.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Iron and Steel Institute. Preprints of Papers for the Symposium on the Corrosion of Buried Metals, 12th December, 1951. Pp. ii+110. (London: Iron and Steel Institute, 1951.) [312]
- Scientific Proceedings of the Royal Dublin Society. Vol. 25 (N.S.), No. 21: Indole Metabolism, 1, The Colorimetric Estimation of Indole by the Xanthryl Reaction. By William Robert Fearon and James Antony Drum. Pp. 295-298. 6d. Vol. 25 (N.S.), No. 22: Studies in Indole Metabolism, 2, The Estimation of Indoxyl. By James Antony Drum. Pp. 299-304. 1s. (Dublin: Royal Dublin Society, 1951.) [312]
- British Gelatine and Glue Research Association. Third Annual Report for the Year October 1950 to September 1951. Pp. 13. (London: British Gelatine and Glue Research Association, 1951.) [312]
- Anti-Locust Bulletin 10: Observations on the Moroccan Locust (*Dociostaurus maroccanus* Thunberg) in Cyprus, 1950; 1. Cyprus Locust Research Scheme, by Dr. B. P. Uvarov; 2. Vegetation of Locust Habitats, by E. Chapman; 3. Observations on Locust Hoppers, by Dr. N. Waloff; 4. Observations on Adult Locusts, by A. R. Waterston. Pp. iv+54+5 plates. (London: Anti-Locust Research Centre, British Museum (Natural History), 1951.) [512]
- Buyers' Guide of Chemicals, Chemical Plant, Laboratory Equipment and Apparatus. (Supplement to *Chemistry and Industry*.) Pp. S. 120. (London: Society of Chemical Industry, 1951.) [512]
- Department of Scientific and Industrial Research and Fire Offices' Committee: Fire Research. Technical Paper No. 1: The Fire Hazard of Fueling Aircraft in the Open. By Dr. L. L. Katan. Pp. iv+16. (London: H.M. Stationery Office, 1951.) 1s. net. [512]
- Department of Scientific and Industrial Research: Road Research Laboratory. Road Note No. 11: Binder Distributors for Surface Dressing. By D. B. Waters and W. L. Russell. Pp. 16+8 plates. (London: H.M. Stationery Office, 1951.) 1s. 6d. net. [612]
- Edinburgh and East of Scotland College of Agriculture. Technical Bulletin No. 4: The Influence of Man and Animals on the Vegetation of certain Hill Grazings in South East Scotland, 1. By Dr. E. Wyllie Fenton. Pp. 62. (Edinburgh and East of Scotland College of Agriculture, 1951.) [612]

Other Countries

- First Seminar for European Sanitary Engineers, The Hague, 27 November to 2 December 1950. Pp. vi+244. (Geneva: World Health Organization, 1951.) [512]
- World Health Organization. Technical Report Series No. 43: Expert Committee on the International Pharmacopoeia; Report on the Eighth Session, including Report on the Second Session of the Subcommittee on Non-proprietary Names. Pp. 36. (Geneva: World Health Organization; London: H.M. Stationery Office, 1951.) 2s.; 25 cents; 1 Swiss fr. [512]
- New Zealand: National Art Gallery and Dominion Museum. Report of the Board of Trustees for the Year ended 31st March, 1951. Pp. 17. (Wellington: Government Printer, 1951.) [512]
- Indian Forest Records (New Series). Botany, Vol. 4, No. 1: Contributions to our Knowledge of the Morphology, Cytology and Biology of Indian Coniferous Rusts, Part 2, Observations on the Occurrence of *Cronartium ribicola* Fischer and *Peridermium indicum* Colley and Taylor on *Pinus excelsa* Wall. in India with reference to their Distribution, Pathology, Inoculation Experiments and Comparative Morphology. By Dr. K. D. Bagchee. Pp. iii+42+13 plates. 3.12 rupees; 6s. Botany, Vol. 4, No. 2: Contributions to our Knowledge of the Morphology, Cytology and Biology of Indian Coniferous Rusts, Part 3, The Biology of *Peridermium brevius* (Barc.) Sacc. (*Coleosporium barclayense* sp. nov. on *Senecio rufinervis* DC.), and *Melampsora oblonga* sp. nov. on the Needles of *Pinus excelsa* Wall. By Dr. K. D. Bagchee. Pp. iii+43-64+7 plates. 3.10 rupees; 5s. 9d. (New Delhi: Manager of Publications, 1950.) [612]
- Smithsonian Miscellaneous Collections. Vol. 117, No. 4: A Revised Classification for the Birds of the World. By Alexander Wetmore. (Publication 4057.) Pp. i+22. (Washington, D.C.: Smithsonian Institution, 1951.) [1012]
- United Nations: Department of Social Affairs. The Impact of the Universal Declaration of Human Rights. Pp. iv+42. (New York: United Nations; London: H.M. Stationery Office, 1951.) 25 cents; 1s. 9d.; 1 Swiss franc. [1012]