

extensive research programme concerned with the structure of fibrous proteins, polypeptides and related compounds by X-ray, infra-red and optical techniques—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 402/51 (November 20).

UNIVERSITY LECTURER (preferably with veterinary or medical qualifications) IN THE DEPARTMENT OF ANIMAL PATHOLOGY, to undertake teaching and research in metabolic and nutritional diseases—The Secretary, Appointments Committee of the Faculty of Biology "B", Department of Pathology, University of Cambridge, Tennis Court Road, Cambridge (November 20).

BRITISH INSULATED CABLES LTD. RESEARCH STUDENT (with a good honours degree in engineering or physics), for research into the mechanical properties of powdered materials in relation to their use as electrical insulators—The Registrar, King's College (University of London), Strand, London, W.C.2 (November 22).

ANALYST IN THE DEPARTMENT OF AGRICULTURE to participate in a special research project—The Registrar, The University, Leeds 2 (November 30).

CHAIR OF AIRCRAFT ELECTRICAL AND ELECTRONIC ENGINEERING—The Principal, College of Aeronautics, Cranfield, Bletchley, Bucks (November 30).

SENIOR LECTURER IN ORGANIC CHEMISTRY, and a SENIOR LECTURER (preferably with primary interest and experience in either the theory of machines or machine design) IN MECHANICAL ENGINEERING, at the University of Adelaide, Adelaide, South Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (November 30).

PROFESSOR OF PHYSICS at Victoria University College, Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (December 1).

CHAIR OF GLASS TECHNOLOGY—The Registrar, The University, Sheffield 10 (December 11).

BIOMETRICIAN for duties which include the design of experiments in all phases of tobacco production, together with the analysis of data and related statistical practice—The Director, Tobacco Research Board of Southern Rhodesia, P.O. Box 1909, Salisbury, Southern Rhodesia (December 31).

DIRECTOR (with high scientific attainments, preferably in fields related to soils or crops, combined with administrative experience involved in the organization and running of a research institute or university department, and preferably with experience of tropical conditions) OF THE EAST AFRICAN AGRICULTURE AND FORESTRY RESEARCH ORGANIZATION, Muguga, near Nairobi, Kenya—The Director of Recruitment (H.M. Oversea Civil Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting BCD.195/151/02 (December 31).

MEDICAL RESEARCH FELLOW (medical graduate with some experience and success in research), for investigations in some aspect of virology, bacteriology, haematology or histopathology—The Director, Institute of Medical and Veterinary Science, P.O. Box 14, Rundle Street, Adelaide, South Australia (December 31).

ASSISTANT LECTURER IN (Agricultural) ENGINEERING—The Principal, Shuttleworth College, Old Warden Park, Beds.

BRADFORD DYERS' ASSOCIATION RESEARCH FELLOW (with high qualifications in science), to undertake research in tinctorial chemistry, textile chemistry or an allied subject—The Principal, Technical College, Bradford 7.

ENGINEERS, CHEMICAL ENGINEERS OR PHYSICISTS (with a good university degree, and preferably with industrial experience), for training as Reactor Technologists—The United Kingdom Atomic Energy Authority, Industrial Group Headquarters, P.O. Box 19, Risley, Warrington, Lancs, quoting 694.

GRADUATE CHEMIST as technical assistant in the Patents Division—The Secretary, National Research Development Corporation, 1 Tilney Street, London, W.1.

HORTICULTURIST (with a degree in horticulture or equivalent, and a working knowledge of fruit and vegetable crops, and preferably with experience of the marketing of perishable vegetable crops), to take charge of the Horticulture Section of the Department of Agriculture, Cyprus—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.63/17/05.

LIBRARIAN AND INFORMATION OFFICER (graduate with library qualifications and experience)—The Director, Scott Polar Research Institute, Cambridge.

RADIO ENGINEER (with experience of high-power broadcasting transmitting equipment, and preferably with an engineering degree or other professional qualification), to be responsible for the operation and maintenance of the 20 kW. and 1.25 kW. transmitters, and two 250-Watt R.C.A. transmitters of the Dar es Salaam Broadcasting Station—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.178/8/05.

REGIONAL TRIALS OFFICER (with a degree in botany or agriculture or equivalent qualification, with practical experience in crop production)—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

SENIOR SCIENTIFIC OFFICER (Operational Research) (with a first or second-class honours degree in mathematics or physics or equivalent qualifications, and with at least three years postgraduate experience of industrial operational research), with the U.K. Atomic Energy Authority, Risley, to assist and advise operational research groups in the laboratories, particularly on the use of mathematical, especially statistical, methods, and to collaborate with these groups when their investigations cover fields outside the immediate scope of the work of their laboratories—The United Kingdom Atomic Energy Authority, Industrial Group Headquarters, P.O. Box 19, Risley, Warrington, quoting 693.

TEA OFFICER (with a wide experience of all aspects of tea growing and manufacture under commercial conditions, and a thorough knowledge of the marketing of tea) in Mauritius, to implement plans for developing the tea industry, to advise planters and manufacturers on improved methods of production, and to take charge of the Tea Experiment Station and of any other Government plantations, and a Government Tea Factory, if and when constructed—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.63/52/05.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- National Union of Journalists. *Freelance Directory, 1954.* Pp. 56. (London: National Union of Journalists, 1954.) [178]
- Privy Council. *Medical Research Council Special Report Series. No. 281: Compressed Air Illness: an Investigation during the Construction of the Tyne Tunnel, 1948-50.* By W. D. M. Paton and D. N. Walder. Pp. iv+44+1 plate. (London: H.M. Stationery Office, 1954.) 5s. net. [178]
- Ministry of Agriculture and Fisheries. *Fishery Investigations. Series 2, Vol. 18, No. 5: Purification of Oysters in Simple Pits.* By H. A. Cole. Pp. 12+4 plates. (London: H.M. Stationery Office, 1954.) 3s. net. [178]
- Working Out a Permanent Agriculture in Central Africa: Compost and Cultivation Replace Burning and Shifting. By N. H. Porritt. Pp. 8. (London: Soil Association, 1954.) [178]
- Rural Life Journal. Vol. 1, No. 1, August 1954. Pp. 12. (London: Institute of Rural Life at Home and Overseas, 1954.) 6d. [178]
- Ministry of Health. *Reports on Public Health and Medical Subjects. No. 95: Mortality and Morbidity during the London Fog of December 1952.* (Report of a Committee of Departmental Officers and Expert Advisers appointed by the Minister of Health.) Pp. iv+61. (London: H.M. Stationery Office, 1954.) 2s. 6d. net. [178]
- Privy Council. *Medical Research Council Special Report Series. No. 286: The Separation of Protein Fractions from Human Plasma with Ether.* By R. A. Kekwick and Margaret E. Mackay. Pp. viii+75+5 plates. (London: H.M. Stationery Office, 1954.) 6s. net. [178]
- Transactions of the Royal Society of Edinburgh. Vol. 62, Part 3. No. 16: Caradocian Trilobites from Mudstones at Craighead Quarry, near Girvan, Ayrshire. By Ronald Pearson Tripp. Pp. 655-694+4 plates. (Edinburgh and London: Oliver and Boyd, Ltd., 1954.) 13s. [178]

Other Countries

- National Research Council, Canada. *Climatological Atlas of Canada.* Prepared by Morley K. Thomas. (A joint publication of the Division of Building Research, National Research Council, and the Meteorological Division, Department of Transport, Canada. (N.R.C. No. 3151.) (D.B.R. No. 41.) Pp. 255. (Ottawa: National Research Council, 1954.) 2 dollars. [198]
- Berichte des Deutschen Wetterdienstes. Nr. 12: Graphisches Rechnen mit Feldern skalarer und vektorierter Grössen in der Meteorologie. Von Elfriede und Hans Burckhardt. Pp. 38+95 tables. (Bad Kissingen: Deutschen Wetterdienstes, 1954.) [198]
- B.A.N.Z. Antarctic Research Expedition 1929-1931. Reports—Series B (Zoology and Botany). Vol. 1, Part 4: Tunicata. Ascidians. By Patricia Kott. Pelagic Tunicates. By Harold Thompson. Pp. 121-186. (Adelaide: B.A.N.Z.A.R. Expedition Committee. Issued through the Barr Smith Library, University of Adelaide, 1954.) 24s. [198]
- Deutschen Wetterdienst, Seewetteramt. Einzelveröffentlichungen Nr. 4: Klimatologie der Nordwesteuropäischen Gewässer. (In der Abteilung Maritime Meteorologie, bearbeitet unter Leitung von Prof. Dr. E. Kuhlbrodt.) Teil 1: Temperatur des Oberflächenwassers und Temperatur-Differenz Luft-Wasser. Bearbeiter Dr. H. J. Bullig und Dipl. Met. P. Bintig. Teil 2: Windverhältnisse. Bearbeiter Dr. H. Markgraf und Dipl. Met. P. Bintig. Pp. ii+59. (Hamburg: Deutscher Wetterdienst, 1954.) [198]
- United States Department of Commerce. National Bureau of Standards. Supplement to National Bureau of Standards Circular 509: Bibliography of Books and Published Reports on Gas Turbines, Jet Propulsion, and Rocket Power Plants, January 1950 through December 1953. By Ernest F. Flock and Carl Halpern. Pp. iv+110. (Washington, D.C.: Government Printing Office, 1954.) 50 cents. [128]
- United States Department of Agriculture. Leaflet No. 358: Powder-Post Beetles in Buildings: What to do About Them. Pp. 8. (Washington, D.C.: Government Printing Office, 1954.) 5 cents. [128]
- National Academy of Sciences. National Research Council: Building Research Institute. Building Science Reporter. No. 1, July, 1954. Pp. 14. (Washington, D.C.: Building Research Institute, 1954.) [128]
- Proceedings of the California Academy of Sciences, Vol. 28, No. 6, (July 9, 1954): Further Studies of the Behaviour of the Pacific Sardine (*Sardinops Caerulea*) in an Electric Field. By Anatole S. Loukashkin and Norman Grant. Pp. 323-337. (San Francisco: California Academy of Sciences, 1954.) [128]
- Bernice P. Bishop Museum. Annual Report, 1953. By Alexander Spoehr. Pp. 57. (Honolulu: Bernice P. Bishop Museum, 1954.) [138]
- National Academy of Sciences. National Research Council. Publication 307: An Annotated Bibliography of Submarine Technical Literature, 1957-1953. Prepared by the Committee on Undersea Warfare, under the auspices of the Office of Naval Research. Pp. xiii+261. (Washington, D.C.: National Research Council—National Academy of Sciences, 1954.) 1.50 dollars. [138]
- United States Department of Commerce. National Bureau of Standards. Applied Mathematics Series No. 33: Statistical Theory of Extreme Values and Some Practical Applications: a Series of Lectures. By Emil J. Gumbel. Prepared for publication with the assistance of Julius Lieblein. Pp. viii+51. (Washington, D.C.: Government Printing Office, 1954.) 40 cents. [138]
- The Smog Problem in Los Angeles County: a Report by Stanford Research Institute on Studies to Determine the Nature and Causes of Smog. Pp. 134. (Los Angeles: Western Oil and Gas Association, 1954.) [138]
- South African Institute for Medical Research. Annual Report for the year 1953. Pp. 106. (Johannesburg: South African Institute for Medical Research, 1954.) [178]
- World Health Organization. Monograph Series, No. 23: Laboratory Techniques in Rabies. By various Authors. Pp. 150+1 plate. Paper bound: 20s.; 3 dollars; 12 Swiss francs. Cloth bound: 25s.; 4 dollars; 16 Swiss francs. [178]