

FORTHCOMING EVENTS

Monday, December 21

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Prof. Alan Ross: "Onthere's Northern Voyage: Cwenas and Lakes".

Tuesday, December 22

INSTITUTE OF FUEL (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. P. E. Montagnon and Mr. A. L. Ruckley: "The Festival Hall Heat Pump".

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

ASSISTANT EXPERIMENTAL OFFICER (preferably with pass degree or A.R.I.C.), to do chemical analysis associated with grassland and other research—The Secretary, The Hannah Dairy Research Institute, Kirkhill, Ayr (December 26).

EXPERIMENTAL or ASSISTANT EXPERIMENTAL OFFICER (with at least H.S.C. (science) or equivalent), at the Atomic Energy Research Establishment, Harwell, to work on problems associated with fundamental physical and metallurgical studies related to the design of fuel for nuclear reactors—The Establishment Officer, Atomic Energy Research Establishment, Harwell, quoting 2/103/19 (December 26).

PRINCIPAL or SENIOR SCIENTIFIC OFFICER (with an honours degree in engineering, physics or mathematics, and some engineering experience) at the Atomic Energy Research Establishment, Harwell, for fundamental studies of nuclear reactor design involving basic engineering investigations in conjunction with nuclear physics aspects—The Establishment Officer, A.E.R.E., Harwell, Berks, quoting 2/103/23 (December 26).

CARTOGRAPHER (preferably geography graduate) FOR THE DEPARTMENT OF GEOGRAPHY—The Secretary of University Court, The University, Glasgow (December 30).

LECTURER or ASSISTANT LECTURER (with special interest in endocrinology and pharmacology) IN PHYSIOLOGY—The Secretary, Royal Veterinary College and Hospital, Royal College Street, London, N.W.1 (December 31).

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree or at least the general certificate of education at advanced level), IN THE CHEMISTRY SECTION, to work mainly on the treatment and recording of field experimental plots—The Secretary, National Vegetable Research Station, Wellesbourne, Warwick (January 1).

MUSEUM ASSISTANT (with a degree, including geology to at least pass standard, and an interest in palaeontology) IN THE GEOLOGY DEPARTMENT—The Secretary, University College, Gower Street, London, W.C.1 (January 1).

RESEARCH ASSISTANT (graduate with some research experience) IN THE FLUID MOTION LABORATORY, to carry out experimental research on the aerodynamic noise generated by turbulent flows—The Registrar, The University, Manchester (January 1).

VETERINARY RESEARCH OFFICERS (2) (members of the Royal College of Veterinary Surgeons, and with experience in veterinary research and investigation work) at the Ministry of Agriculture, Northern Ireland—The Director of Establishments, Ministry of Finance, Stormont, Belfast (January 1).

EXPERIMENTAL OFFICER (with a pass degree or higher national certificate in engineering or physics, and with experience in design of experimental equipment and of instruments for measuring metal flow) IN THE DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Mechanical Engineering Research Laboratory, East Kilbride, for work on plastic deformation and cutting of metals—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.631/53A (January 2).

SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER (with first- or second-class honours degree or equivalent in chemistry, biochemistry or an allied subject and preferably with research experience in nutrition) IN THE NUTRITION DEPARTMENT—The Secretary, The Hannah Dairy Research Institute, Kirkhill, Ayr (January 2).

CHAIR OF CIVIL ENGINEERING—The Registrar, University College, Singleton Park, Swansea (January 10).

LECTURER (with honours degree and practical or research experience in either civil or mechanical engineering) IN ENGINEERING—The Secretary, The University, Aberdeen (January 12).

CHAIR OF MINING—The Registrar, The University, Sheffield 10 (January 14).

SCIENTIFIC LIAISON OFFICER (with good degree in physics or chemistry, preferably foreign, and with industrial research experience) with the Pakistan High Commission, London—The Educational Attaché, High Commissioner for Pakistan, 39 Lowndes Square, London, S.W.1 (January 15).

CHEMIST (with good honours degree or equivalent) for analytical investigational work in the Coal Survey Laboratory, Cardiff—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/718 (January 16).

LECTURER (graduate in science or technology, and with a good knowledge of the theory of structures) IN STRUCTURAL ENGINEERING, to undertake research work on structures, and to assist in lecturing and laboratory work in structural engineering—The Registrar, College of Technology, Manchester 1 (January 20).

CHAIR OF GEOGRAPHY—The Registrar, University College, Singleton Park, Swansea (January 30).

LECTURER or ASSISTANT PROFESSOR (with degree of Ph.D., or equivalent, and with special training in embryology and comparative anatomy) OF ZOOLOGY—The Dean, Faculty of Arts and Science, University of Alberta, Edmonton, Canada (February 1).

LECTURER IN APPLIED MATHEMATICS at the University of Cape Town, South Africa—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Cape Town, February 8).

CHAIR OF BOTANY—The Registrar, University College, Singleton Park, Swansea (February 15).

I.C.I. RESEARCH FELLOWSHIPS IN BIOCHEMISTRY, CHEMISTRY, CHEMOTHERAPY, ENGINEERING, METALLURGY, PHARMACOLOGY, PHYSICS or allied subjects—The Academic Registrar, University of London, Senate House, London, W.C.1 (March 31).

ASSISTANT DIRECTOR OF RESEARCH IN THE DEPARTMENT OF ANIMAL PATHOLOGY, University of Cambridge—The Secretary, Faculty of Biology "B", Department of Pathology, Tennis Court Road, Cambridge.

ENGINEER, Grade I (Ref. 510), and an ENGINEER, Grade III (Ref. 511), at the Division of Atomic Energy (Production), for work on major calculations required by design offices concerned with nuclear reactors and factories for producing fissile material—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, quoting appropriate Ref. No.

ENGINEERS and PHYSICISTS, Experimental Officer and Assistant Experimental Officer grades, in Royal Naval Scientific Service Experimental Establishments in the London, Portsmouth, Weymouth and Gloucestershire areas, and Scotland—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.247/52A.

LECTURER or ASSISTANT PROFESSOR (qualified to give advanced instruction in one or both of elasticity and theoretical mechanics) OF APPLIED MATHEMATICS—Prof. I. R. Ponder, Department of Mathematics, University of Toronto, Toronto, Canada.

PHYSICAL CHEMIST (preferably Ph.D.) for research work on the kinetics of cellulose degradation—The Secretary, British Rayon Research Association, Barton Dock Road, Urmoston, Manchester.

RESEARCH ASSISTANT (with a degree in engineering or physics) AT THE NATIONAL COLLEGE FOR HEATING, VENTILATING, REFRIGERATION AND FAN ENGINEERING, to carry out research on heat transfer, refrigeration or aerodynamics, and possibly a small amount of laboratory demonstration—The Clerk to the Governors, Borough Polytechnic, Borough Road, London, S.E.1.

SCIENCE GRADUATE (trained in physics or physical chemistry, and preferably with experience in biological work) IN THE BLOOD PRODUCTS LABORATORY—The Secretary, Lister Institute, Elstree, Herts.

SCIENTIFIC OFFICERS (with first- or second-class honours degree or equivalent qualifications, in civil engineering or science, with geology or physics as principal subject), at the Royal Air Force Station, Cardington, for duties which include investigations into runway, building and road sites, and experimental work in soils engineering laboratory—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting G.240/53.

SENIOR RESEARCH ASSISTANT (male) (with either a good honours degree in a biological science, or a degree in agriculture with post-graduate training in poultry husbandry, and with previous research experience), for programme of research on poultry husbandry, and an ASSISTANT (male), for poultry experimental work, with particular reference to table poultry production and marketing—The Bursar, Harper Adams Agricultural College, Newport, Shropshire.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Experimental and Research Station, Cheshunt, Herts. Annual Report (Thirty-Eighth Year), 1952. Pp. 88+2 plates. (Cheshunt: Nursery and Market Garden Industries' Development Society, Limited, 1953.) [2010]

Aero Research Technical Notes. Bulletin No. 129: The Connecting of Pipes and Tubes with "Araldite": a Description of the Michell System. Pp. 4. (Duxford, Cambridge: Aero Research, Ltd., 1953.) [2010]

Transactions of The Royal Society of Edinburgh. Vol. 62—Part 2—(No. 13), 1951-53: An Investigation into the Design and Performance of Electric Fish-Screens and an Electric Fish-Counter. By N. G. Leithlean. Pp. 479-526+2 plates. (Edinburgh and London: Oliver and Boyd, Ltd., 1953.) 13s. 6d. [2010]

International Association for the Exchange of Students for Technical Experience. Sixth Annual Report. Pp. 66. (London: International Association for the Exchange of Students for Technical Experience, 1953.) [2110]

Scientific Proceedings of the Royal Dublin Society. Vol. 26 (N.S.), No. 12: Development in *Podocarpus Nivalis* in Relation to other Podocarps. I. Gametophytes and Fertilization. By Patricia Boyle and J. Doyle. Pp. 179-205. (Dublin: Royal Dublin Society, 1953.) 6s. [2110]

Economic Proceedings of the Royal Dublin Society. Vol. 4, No. 2: The Physical Characteristics of Butter Produced by the Alfa Process. By J. Lyons and M. J. O'Shea. Pp. 65-74+plate 14. (Dublin: Royal Dublin Society, 1953.) 3s. [2110]

Forestry Commission. Forest Record No. 19: The Manufacture of Wood Charcoal in Great Britain. By L. Reynolds. Pp. 12+8 plates. 1s. 3d. net. Forest Record No. 21: Use and Manufacture of Wood Flour. By L. Reynolds. Pp. 6. 6d. net. Leaflet No. 31: The Grey Squirrel: a Woodland Pest. Pp. 16. 9d. net. (London: H.M. Stationery Office, 1953.) [2110]

Forestry Commission. Britain's Forests. Glentress. Pp. 18. 1s. net. Drumtochty. Pp. 20. 1s. 3d. net. (London: H.M. Stationery Office, 1953.) [2110]

Forestry Commission. Census Report No. 5: Census of Woodlands 1947-49, Woods of Five Acres and Over; English County Details. Pp. vi+270. (London: H.M. Stationery Office, 1953.) 12s. 6d. net. [2110]