

APPOINTMENTS VACANT

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

DEPUTY, Principal Scientific Officer grade (with first- or second-class honours degree or equivalent in physics or chemistry, and a proven interest in biological problems), at the Ministry of Supply Research Establishment, Field Trials Section, Salisbury, to design and supervise highly specialized forms of field trials—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A200/53A (August 29).

LECTURER IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Bristol, 8 (September 1).

ASSISTANT LECTURER IN APPLIED CHEMISTRY and an **ASSISTANT LECTURER IN MATHEMATICS**—The Registrar, College of Technology, Manchester 1 (September 7).

SCIENTIFIC OFFICER (with university degree in science or agriculture, and preferably with special qualifications in agricultural entomology) in the AGRICULTURAL ENTOMOLOGY RESEARCH DIVISION of the Ministry of Agriculture, to assist in advisory work and to carry out entomological research in connexion with the control of insect and allied pests of crops and livestock—The Secretary, Civil Service Commission, Stormont, Belfast, N. Ireland (September 7).

RESEARCH FELLOW (Junior) IN SOCIAL PSYCHOLOGY—The Secretary, The University, Aberdeen (September 12).

SCIENTIFIC OFFICER (with good honours degree (chemistry) and preferably with research experience) at the UNIT OF PLANT NUTRITION, Long Ashton Research Station, Bristol, for work on chemical problems concerned with the mineral nutrient status of plants, particularly trace elements—The Secretary, Agricultural Research Council, 15 Regent Street, London, S.W.1 (September 12).

ENGINEERS and PHYSICISTS (with first- or second-class honours degree or equivalent in electrical engineering or physics) in the ELECTRONICS DIVISION, Atomic Energy Research Establishment, Harwell, for duties ranging from fundamental research on circuitry and the physics of nuclear radiation detectors, to devising and developing (often in collaboration with industry) electronic devices for Atomic Energy Project—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.195/53A (September 12).

LECTURER IN MECHANICAL ENGINEERING—The Registrar, The University, Sheffield (September 14).

LECTURER IN PHYSIOLOGY (graduate in medicine or science, and with postgraduate experience in some branch of physiology) at the University of Birmingham—The Assistant Registrar, Medical School, Birmingham 15 (September 15).

READER IN ANTHROPOLOGY at the London School of Economics and Political Science—The Academic Registrar, University of London, Senate House, London, W.C.1 (September 15).

RESEARCH FELLOW (with honours degree in physics) to undertake radio-isotope research in connexion with urological problems, especially those connected with urological malignant disease—The Registrar, The University, Leeds 2 (September 16).

RESEARCH OFFICERS (2), (a) (with university honours degree in agricultural science, or science, with specialization in agronomy or allied work, and preferably with postgraduate experience) to undertake research on pasture and crop establishment and development under irrigation, particularly on soils of heavy texture (Ref. 132/38); **(b)** (with honours degree in civil engineering, agricultural science, or science, with physics or geology as a major subject, or equivalent qualifications) to undertake research into the influence of irrigation and other practices on the hydrologic cycle especially on ground water table levels (Ref. 132/39), at the Commonwealth Scientific and Industrial Research Organization, Division of Plant Industry Regional Station, Denilquin, New South Wales, Australia.—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (September 19).

CIVIL ENGINEER (with at least 10 years experience in the design of civil engineering work and particularly reinforced concrete structures) (Ref. TT/676); **ASSISTANT CIVIL ENGINEER** (with experience in the design and detailing of reinforced concrete structures) (Ref. TT/676)—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting appropriate Ref. No. (September 29).

DIRECTOR OF AGRICULTURE, Western Samoa, to take charge of the Department of Agriculture and advise the Government in the formulation of its agricultural policy and be responsible to the High Commissioner for all matters connected with its application—The Public Service Commissioner, Apia, Western Samoa (September 30).

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

PROFESSOR OF MUNICIPAL ENGINEERING—The Registrar, College of Technology, Manchester 1 (October 1).

LECTURER IN BACTERIOLOGY at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 2).

SENIOR LECTURER IN PSYCHOLOGY (preferably with qualifications in medicine, particularly psychological medicine) at the University of Melbourne, Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 15).

CIVIL ENGINEERING ASSISTANTS IN THE WORKS DEPARTMENT at Admiralty establishments at Sheerness, Chatham, Yeovilton, Devonport, Cudrose, Leeds, Belfast and Rosyth—Civil Engineering Chief, Admiralty, Chamberlain Way, Pinner, Middlesex.

GOVERNMENT CHEMIST and an **ASSISTANT GOVERNMENT CHEMIST** in the Colonial Chemical Departments of (a) Uganda (Ref. CDE 97/9/01); (b) Nigeria (Ref. CDE 97/14/01)—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting appropriate Ref. No.

LECTURER IN DAIRYING (with qualifications in dairying or agricultural science, or science (chemistry and bacteriology)) at the School of Agriculture, Sutton Bonington—The Registrar, The University Nottingham.

PHYSICIST (with university degree or equivalent qualification) for research on electric arc furnace problems (Ref. "Arc Furnaces"); **APPLIED PHYSICISTS and RESEARCH ENGINEERS**, senior and junior (candidates for senior posts should have an honours degree and two to three years research experience, and for junior appointments a degree or equivalent qualification) for research in industrial metal working processes, such as rolling and forging (Ref. "Metal Working"); and a **PHYSICAL METALLURGIST** (with university degree or equivalent) to carry out research on the ageing of mild steel (Ref. "Ageing of Steel") in the Sheffield Laboratories—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting appropriate Ref. No.

PHYSICISTS, SCIENTIFIC OFFICERS (with first- or second-class honours degree or equivalent) or **EXPERIMENTAL OFFICERS** (with H.S.C. (Science) or equivalent) at Ministry of Supply Research and Development Establishments at Malvern, Farnborough, Sevenoaks and other outstations in Southern England, for work on aerodynamics and aircraft structures; armaments; instrumentation; radio and radar—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.170/53A.

PHYSIOLOGIST (with good honours degree in physiology or equivalent, and preferably with research experience involving the perfusion of isolated organs) for research on the physiology of lactation—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, quoting 53/3.

PHYSIOLOGIST (with honours degree in physiology and three or more years experience in physiological research) to undertake experimental work on the alimentary tract of the ruminant—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

British Medical Bulletin. Vol. 9, No. 2: Some Aspects of Enzyme Research. Pp. 85-168. (London: British Council, 1953.) 15s. [306]

Proceedings of the Royal Society of Edinburgh. Section B (Biology). Vol. 65, Part 1 (No. 8): Transuterine ("Internal") Migration of Fertilised Ova in the Albino Rat. By Dr. A. Young. Pp. 106-116+5 plates. 4s. 6d. Vol. 65, Part 1 (No. 9): Examples of Hybridization between two Species of Macaw (*Aras*). By Dr. L. Auber and Dr. W. C. Osman Hill. Pp. 117-120. 9d. (Edinburgh and London: Oliver and Boyd, Ltd., 1953.) [306]

World List of Bee Research Workers. Edited by Eva Crane. Pp. 40. (London: Bee Research Association Limited, 1953.) 5s. [306]

British Commonwealth Scientific Office, North America. The BCSC Review of Science in U.S.A. for the year ending June 1952. Pp. iv+40. (London: H.M. Stationery Office, 1953.) 2s. 6d. [306]

Department of Scientific and Industrial Research. Food Investigation. Special Report No. 57: Dehydrated Meat. Compiled by Dr. J. G. Sharp. Pp. ix+184. (London: H.M. Stationery Office, 1953.) 6s. net. [17]

Other Countries

Canada: Department of Mines and Technical Surveys. Mines Branch. The Canadian Mineral Industry in 1950. Pp. ix+148. 2s cents. Geological Survey of Canada. Memoir 269: Goldfields-Martin Lake Map-Area, Saskatchewan. By A. M. Christie. Pp. vii+126 (6 plates). 7s cents. (No. 2509.) Bulletin 25: Interpretations of the Structural Geology of the Sherridon-Flin Flon Region, Manitoba. By J. Kalliokoski. Pp. v+18. 50 cents. (Ottawa: Queen's Printer, 1952-53.) [296]

German Hydrographic Institute, Hamburg. Annual Report No. 7, for the Year 1952. Pp. 34. (Hamburg: German Hydrographic Institute, 1953.) [296]

Smithsonian Miscellaneous Collections. Vol. 121, No. 7: Studies of Arctic Foraminifera. By Alfred R. Loeblich, Jr., and Helen Tappan. Pp. iv+150+24 plates. (Publication 4105.) (Washington: Smithsonian Institution, 1953.) [296]

Fieldiana. Geology Memoirs, Vol. 3, Nos. 3 and 4. The Vertebrate Fauna of the Selma Formation of Alabama. Part 3: The Turtles of the Family Protostegidae; Part 4: The Turtles of the Family Toxochelyidae. By Rainer Zangerl. Pp. iv+57-277+29 plates. (Chicago: Chicago Natural History Museum, 1953.) 6 dollars. [296]

Proceedings of the American Academy of Arts and Sciences. Vol. 82, No. 3: Temperatures below one degree Kelvin. By C. J. Gorter. Pp. 157-166. 40 cents. Vol. 82, No. 4: The Supreme Court and the General Will. By Arthur E. Sutherland. Pp. 167-198. Vol. 82, No. 5: A Consideration of the Neurophysiological Mechanisms of Speech and Some Educational Consequences. By Wilder Penfield. Pp. 199-214. 45 cents. Vol. 82, No. 6: Records of Meetings from October 1952 to May 1953. Pp. 215-247. 75 cents. (Boston, Mass.: American Academy of Arts and Sciences, 1953.) [17]

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