

## APPOINTMENTS VACANT

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

**RESEARCH CHEMIST, Senior Research Officer or Principal Research Officer grade** (with a first- or second-class honours degree and substantial research experience, preferably in the field of inorganic or physical chemistry; radiochemical experience an advantage), to take charge of a group in the Chemistry Section, Australian Atomic Energy Commission Research Establishment, Lucas Heights, Sydney, for a programme including the study of two high temperature reactor systems and the reprocessing of a range of nuclear fuels—Australian Atomic Energy Commission Liaison Officer, Australia House, Strand, London, W.C.2 (September 19).

**RESEARCH ASSISTANT** (with a good degree in mining, engineering or pure science) to the **PROFESSOR OF MINING**—The Registrar, The University, Sheffield (September 20).

**ASSISTANT LECTURER IN BOTANY**—The Registrar, The University, Manchester 13 (September 30).

**ASSISTANT LECTURER or LECTURER** (with industrial experience and preferably with a knowledge of the aspects of control engineering which are related to production engineering) in the **DEPARTMENT OF MECHANICAL ENGINEERING**, to work in the general field of mechanical engineering but to take particular interest in control engineering—The Registrar, The University, Leeds 2 (September 30).

**SENIOR LECTURER or LECTURER** (with special qualifications in plant physiology and preferably with interests and research experience in biochemistry) in **BOTANY**—The Registrar, The University, Manchester 13 (September 30).

**SENIOR LECTURER or LECTURER in GEOLOGY** at the University of Auckland, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, October 4).

**ASSISTANT DIRECTOR OF RESEARCH IN GENERAL SURFACE CHEMISTRY AND COLLOID SCIENCE**—Dr. F. B. Kipping, University Chemical Laboratory, Lensfield Road, Cambridge (October 10).

**LECTURER** (with interests in physical and/or inorganic chemistry) in **CHEMISTRY** at the University College of Rhodesia and Nyasaland—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (October 10).

**SENIOR LECTURER** (with special interest in analysis) in **MATHEMATICS (PURE MATHEMATICS)** at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Sydney, October 11).

**AGRICULTURAL SUPERINTENDENTS** (with a degree in agriculture or horticulture and at least two years postgraduate training or experience) in British Guiana, for duties mainly concerned with agricultural extension work and management of demonstration farms and stations—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/30/011.

**ASSISTANT LECTURER AND DEMONSTRATOR IN PHYSIOLOGY**—The Secretary, Queen Elizabeth College, Campden Hill Road, London, W.8.

**METEOROLOGIST** (with a good honours degree in mathematics and/or physics, or with a good honours degree in geography with subsidiary mathematics or physics, preferably with meteorological service experience in analysis and forecasting), for the East African Meteorological Department, for duties mainly of chart analysis and weather forecasting but possibly also to undertake research—Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.57/88/01.

**PLANT PATHOLOGIST** (with a good honours degree in agriculture or natural science and at least one year's postgraduate training in mycology and plant pathology, preferably with a knowledge of virus diseases) with the Tanganyika Department of Agriculture, for field and laboratory work in the diagnosis and investigation of fungal and bacterial diseases of crop plants and testing of control measures—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/8/08.

**PRINCIPAL FISHERIES RESEARCH OFFICER** (with a good honours degree in zoology and considerable postgraduate experience in fisheries research) with the Federation of Nigeria, to lead a small group of scientists and technicians in either sea fisheries research or inland fisheries and fish culture research—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.65/14/08.

**REGISTRAR** (with wide experience in educational administration)—The Principal, Royal Technical College, Salford.

**RESEARCH ASSISTANTS** (honours graduates in physics), for problems concerned with fast particle techniques, gas discharges, spectroscopy and electronics—The Clerk to the Governors, Northern Polytechnic, Holloway, London, N.7.

**RESEARCH DEMONSTRATORS (2) IN PHYSICS**—The Registrar, The University, Leicester.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Republic of Ireland. Department of Lands: Fisheries Division. Report on the Sea and Inland Fisheries for the year 1956, incorporating Statistics of the Capture of Salmon, Sea Trout and Eels, and certain scientific papers relating to fisheries. Pp. 104. (Dublin: Stationery Office, 1958.) 4s. [147]

Ministry of Power. Reports of H.M. Inspectors of Mines and Quarries under the Mines and Quarries Act, 1954, for 1957. Scottish Division. By W. Widdas. Pp. iv+42+6 plates. 4s. net. North Western Division. By G. Hoyle. Pp. ii+42+6 plates. 3s. 6d. net. (London: H.M. Stationery Office, 1958.) [147]

Annual Report for 1957 (No. 70), of the Marine Biological Station of the University of Liverpool at Port Erin, Isle of Man. Drawn up by J. S. Colman. Pp. 30. (Liverpool: The University Press, 1958.) [147]

Research Defence Society. Conquest Pamphlet No. 6: Smallpox and Vaccination: Outstanding Questions posed and answered by the Research Defence Society. Pp. 6. (London: Research Defence Society, 1958.) 6d. [147]

British Steel Castings Research Association. Fifth Annual Report, 1958. Pp. ii+23. (Sheffield: British Steel Castings Research Association, 1958.) [147]

Vinyl Products Limited. Monograph No. 1: Polyvinyl Acetate Emulsions. Pp. iv+36. (Carshalton: Vinyl Products, Ltd., 1958.) [147]

Metropolitan Water Board. Thirty-seventh Report on the results of the Bacteriological, Chemical and Biological Examination of the London Waters for the years 1955-1956. By E. Windle Taylor. Pp. 112+7 plates. (London: Metropolitan Water Board, 1958.) 21s. [147]

Atomic Energy Office. Final Report of the Committee appointed by the Prime Minister to make a technical evaluation of information relating to the design and operation of the Windscale piles, and to review the factors involved in the controlled release of Wigner energy. Pp. 20. (Cmd. 471.) London: H.M. Stationery Office, 1958.) 1s. net. [177]

General Register Office. The Registrar General's Quarterly Return for England and Wales: Births, Deaths and Marriages; Infectious Diseases; Weather; Population Estimates, quarter ended 31st March, 1958. (1st Quarter 1958, No. 437.) Pp. 32. (London: H.M. Stationery Office, 1958.) 2s. net. [227]

Freshwater Biological Association. Twenty-sixth Annual Report for the year ended 31 March, 1958. Pp. 80+1 plate. (Ambleside: Freshwater Biological Association, 1958.) 4s. [227]

B.B.C. Engineering Monograph No. 19: A U.H.F. Television Link for Outside Broadcasts. By K. C. Quinton. Pp. 20. (London: British Broadcasting Corporation, 1958.) 5s. [227]

Forestry Commission. Thirty-Eighth Annual Report of the Forestry Commissioners for the year ended 30th September 1957. Pp. 90+4 plates. 5s. 6d. net. Report on Forest Research for the year ended March, 1957. Pp. vii+176+4 plates. 9s. 6d. Forestry Commission Leaflet No. 41: The Crested Tit. By Dr. Bruce Campbell. Pp. 14. 1s. net. (London: H.M. Stationery Office, 1958.) [227]

### Other Countries

Österreichische Akademie der Wissenschaften: Mathematisch-naturwissenschaftliche Klasse. Anzeiger, 94. Jahrgang—1957, Nr. 1 bis 15. Pp. viii+344. (Wien: Österreichische Akademie der Wissenschaften, 1957.) [147]

Museum of Applied Science of Victoria. Report of Activities for the year ended 30th June, 1957. Pp. 30. (Melbourne: Museum of Applied Science of Victoria, 1958.) [147]

University of Sydney. School of Agriculture Report No. 2: Seven Years Pasture Research on the Far North Coast of New South Wales. Part 1: A General Account of Investigations from January 1950 to December 1956. Pp. 59. (Sydney: The University School of Agriculture, 1957.) [147]

Catalogue of Courses (School Session 1958-59) on Nuclear Energy in O.E.E.C. Countries. Pp. 115. (Paris: European Nuclear Energy Agency, Organization for European Economic Co-operation, 1958.) [147]

Northern Rhodesia. Water Development and Irrigation Department. Annual Report for the year 1957. Pp. 8. (Lusaka: Government Printer, 1958.) 1s. [147]

Annual Report for the year 1957 of the Museums Trustees of Kenya; and of the Coryndon Memorial Museum, Nairobi, Board of Trustees for the year 1957. Pp. 28+1 plate. (Nairobi: Museums Trustees of Kenya and the Coryndon Memorial Museum, 1958.) [227]

Tea Research Institute of East Africa. Annual Report for the year 1957. Pp. 39. (Nairobi: Tea Research Institute of East Africa, 1958.) [227]

Tea Research Institute of East Africa. Pamphlet No. 15: Methods of Selection and of Vegetative Propagation of Tea. By N. A. Goodchild. Pp. 13. Pamphlet No. 16: Proceedings of the Fifth Conference, 22nd March, 1958. Pp. 55. (Nairobi: Tea Research Institute of East Africa, 1958.) [227]

*Physical Review Letters*, Vol. 1, No. 1, July 1, 1958. Pp. ii+48. Published semimonthly. Subscription price: July through December, 1958: To subscribers to *The Physical Review*, sent gratis; To members of the American Physical Society: U.S.A. and Canada, 3.50 dollars; elsewhere 4 dollars. Non-members: U.S.A. and Canada, 6 dollars; elsewhere 6.50 dollars. Annually thereafter. To members of the American Physical Society: U.S.A. and Canada, 5 dollars; elsewhere 6 dollars. Non-members: U.S.A. and Canada, 10 dollars; elsewhere 11 dollars. Single copies 1 dollar. Subscriptions should be sent to the American Institute of Physics, 335 East 45th Street, New York 17, N.Y. (Freeport, N.Y.: American Physical Society, 1958.) [227]

East Africa High Commission. East African Medical Survey and Research Institute Annual Report, 1956-1957. Pp. i+30. (Nairobi: Government Printer, 1958.) Sh. 2. [227]

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