

fractionation and biological assay of protein hormones) as Research Officer at the Sheep Biology Laboratory, Prospect, N.S.W., Australia, to undertake investigations on the endocrinology of wool growth—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 205/86 (November 19).

**PLANT PHYSIOLOGIST** (with an honours degree and postgraduate training and experience in plant physiology)—The Director, Tea Research Institute of Ceylon, St. Coombs, Talawakelle, Ceylon (November 19).

**SENIOR LECTURER OR LECTURER IN BACTERIOLOGY**—The Registrar, The University, Manchester 13 (November 19).

**SENIOR LECTURER IN PHYSICS** at Victoria University College, Wellington, New Zealand—Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 21).

**RESEARCH OFFICER** (with a first- or good second-class honours degree with qualifications in agricultural chemistry and experience in field experimentation) at Dunholme Field Station, Lincoln, to organize a series of field experiments on the manuring of sugar beet—The Secretary, Rothamsted Experimental Station, Harpenden, Herts (November 26).

**DIRECTOR OF THE WEST AFRICAN INSTITUTE OF SOCIAL AND ECONOMIC RESEARCH**, University College, Ibadan—The Secretary, Inter-University Council for Higher Education Overseas, 1 Gordon Square, London, W.C.1 (November 30).

**FELLOW AND SENIOR RESEARCH FELLOW** (to undertake research in mathematical statistics or its applications, including mathematical genetics) IN THE DEPARTMENT OF STATISTICS, Australian National University—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 30).

**LECTURER IN APPLIED MATHEMATICS** at St. Salvator's College—Joint Clerk to the University Court, The University, St. Andrews (November 30).

**LECTURER** (with an honours degree in geography and with special qualifications in physical and economic geography and geomorphology) IN GEOGRAPHY, at St. Salvator's College—Joint Clerk to the University Court, The University, St. Andrews (November 30).

**LECTURER OR ASSISTANT LECTURER** (preferably with special interest in petrology, mineragraphy or structural geology) IN GEOLOGY, at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 30).

**READER IN GEOLOGY**—The Registrar, University of Dacca, Ramna, Dacca, East Bengal, Pakistan (November 30).

**DEMONSTRATOR** (graduate in chemistry) IN CHEMISTRY—The Registrar, College of Technology, Manchester 1 (December 1).

**SENIOR LECTURER** (with a degree in science or engineering with geology as a major subject, and with field experience in mining and/or engineering geology, preferably with experience in mineragraphy and/or geophysical exploration) IN GEOLOGY, at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 2).

**LECTURER** (with a research degree in organic chemistry and experience of teaching this subject) IN ORGANIC CHEMISTRY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (December 9).

**CHAIR OF BUILDING SCIENCE**—The Registrar, The University, Liverpool (December 10).

**CHAIR OF GEOGRAPHY** at the University of Tasmania—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (December 15).

**STANLEY ELMORE RESEARCH FELLOWSHIP IN EXTRACTION METALLURGY**, to undertake research in the Department of Metallurgy of a University or similar Institution in the United Kingdom—Stanley Elmore Trust, 175 Temple Chambers, Temple Avenue, London, E.C.4 (December 31).

**ASSISTANT TRIALS OFFICER** (with a degree in botany or agriculture or equivalent qualification, and with practical experience in crop production) AT THE SEALE-HAYNE AGRICULTURAL COLLEGE, Newton Abbot—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

**CHEMICAL ENGINEER** (with a degree in chemical engineering or equivalent qualifications) on the personal staff of the Chief Engineer, North Thames Gas Board, for duties including development work, particularly in relation to new and improved methods of production, refining and distribution of gas from gaseous and liquid hydrocarbons and coal—Staff Controller, North Thames Gas Board, 30 Kensington Church Street, London, W.8, quoting 666/282.

**EDITING LIBRARIAN** to be responsible for the handling, cataloguing and storage of film material—Films Officer, British Transport Commission, 25 Savile Row, London, W.1.

**ENTOMOLOGISTS** (with an honours degree in zoology and training in entomology) IN THE DEPARTMENT OF TSETSE CONTROL, Gold Coast, to investigate various aspects of the bionomics and ecology of tsetse flies in relation to man and animals, and to supervise control measures under the Director of Tsetse Control—Director of Recruitment, Colonial Office, Secretary Buildings, Great Smith Street, London, S.W.1, quoting BCD.77/13/01.

**SENIOR EXPERIMENTAL OFFICER OR EXPERIMENTAL OFFICER** (with at least H.S.C. Science or equivalent qualification, with a general scientific and engineering background and a working knowledge of radioactivity measuring apparatus, remote handling, health physics, machine shop and experimental construction of equipment) IN THE ISOTOPES DIVISION, for duties including the preparation of materials and the arrangement of irradiations with Pile Groups, high-level remote handling and measurements, developments of techniques and mechanical, electrical and electronic equipments—Establishment Officer, United Kingdom Atomic Energy Authority, Atomic Energy Research Establishment, Harwell, Didcot, Berks, quoting 2/103/409.

**SENIOR INSTRUCTOR** (with academic qualifications and sound workshop training and with teaching experience) AT THE STAFF TRAINING COLLEGE, Derby, to prepare, supervise and take part in courses of instruction for various grades of staff who will be engaged in design-

ing, maintaining and repairing locomotives and rail-cars having diesel engine propulsion with hydraulic, mechanical, electrical or other transmission and control—Manpower Adviser, British Transport Commission, 222 Marylebone Road, London, N.W.1.

**SENIOR SCIENTIFIC OFFICER** (honours graduate with a sound knowledge of statistical methods and preferably with industrial and technical experience) for work including research into problems connected with the coking industry, preparation of technical reports and possible participation in operational research in the provinces; **SCIENTIFIC OFFICER** (graduate with some industrial and/or technical experience) for general technical duties and the preparation and editing of technical reports—The Secretary, British Coke Research Association, 74 Grosvenor Street, London, W.1.

**TRAINING MANAGER** (honours graduate with qualification in physics or chemistry or Associate Member of a senior Engineering Institution) for the United Kingdom Atomic Energy Authority, Industrial Group, Capenhurst Works, for training activities within the works with the assistance of a small staff, and to maintain close liaison with local Education Authorities and Technical Colleges—Recruitment Officer, U.K. Atomic Energy Authority, Industrial Group Headquarters, Risley, near Warrington, quoting 1,132.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

- Committee on Air Pollution. Report. (Cmd. 9322.) Pp. 80. (London: H.M. Stationery Office, 1955.) 2s. 6d. net. [38]  
 Clean Air Bill. (Bill 40.) Pp. iv+28. (London: H.M. Stationery Office, 1955.) 1s. net. [38]  
 The Commonwealth and Nuclear Development. (Central Office of Information Reference Pamphlet—No. 2.) Pp. iv+52. (London: H.M. Stationery Office, 1955.) 2s. net. [88]  
 Education in 1954: being the Report of the Ministry of Education and the Statistics of Public Education for England and Wales. (Cmd. 9521.) Pp. viii+197. (London: H.M. Stationery Office, 1955.) 7s. 6d. net. [88]  
 The South-Eastern Naturalist and Antiquary. (Being the Fifty-ninth volume of transactions of the South-Eastern Union of Scientific Societies, including the Proceedings at the Fifty-ninth Annual Congress held at Maidstone, 1954. Edited by L. R. A. Grove. Pp. xxvi+56. (Maldstone: Mr. L. R. A. Grove, Museum and Art Gallery, 1954.) 6s. 6d. net. (Free to members.) [108]  
 Ministry of Agriculture and Fisheries. Bulletin No. 56: Poultry Housing. Fifth edition. Pp. iv+56+4 plates. (London: H.M. Stationery Office, 1955.) 2s. 6d. net. [108]  
 Ministry of Fuel and Power. Reports of H.M. Inspectors of Mines under the Coal Mines Act, 1911, for the year 1954. North Eastern Division. By C. W. Scott. Pp. ii+34+4 plates. (London: H.M. Stationery Office, 1955.) 2s. net. [108]  
 Building Research Station Digest. No. 79 (July, 1955): Internal Corrosion of Concrete Sewer Pipes by Effluents Containing Sulphates. The Treatment of Walls Infected with Dry Rot. Repair to Mastic Asphalt and Felt Roof Coverings. Pp. 4. (London: H.M. Stationery Office, 1955.) 3d. net. [108]

### Other Countries

- Government of India: Meteorological Department. Report on the Administration of the Meteorological Department of the Government of India in 1951-1952. Pp. 62+3 plates. (Simla: Government of India Press, 1954.) [108]  
 Museums Trustees of Kenya. Coryndon Memorial Museum, Nairobi. Annual Report for 1954—(1) Chairman's Report; (2) Curator's Report. Pp. 24+3 plates. (Nairobi: Coryndon Memorial Museum, 1955.) 1s. [108]  
 Research Bulletin of the Panjab University. No. 63 (Zoology): A Preliminary Note on some Birds of the Hoshiarpur District, Panjab, (1). By G. P. Sharma and B. S. Lamba. Pp. 177-186. Rs. 1/2/- No. 64 (Zoology): Spermatogenesis of a Digenetic Trematode (*Cotyloporon Elongatum*). By Om. Parkash Dhingra. Pp. 1-10. Rs. 1/10/- No. 65 (Zoology): Spermatogenesis of a Digenetic Trematode *Gastrothylax Crumenifer*. By Om. Parkash Dhingra. Pp. 11-17. Rs. 1/4/- No. 66 (Zoology): Gametogenesis, Fertilization and Cleavage in *Asymphyllodora* SP. By Om. Parkash Dhingra. Pp. 19-29. Rs. 1/13/- No. 67 (Mathematics): Partitions in General. By Hanraj Gupta. Pp. 31-38. Rs. 1/5/- No. 68 (Zoology): Oogenesis of the Toad, *Bufo Stomaticeus* Lutken, with observations under the Phase Contrast Microscope. By Vishwa Nath and S. K. Malhotra. Pp. 39-46. Rs. 3/- No. 69 (Zoology): Studies on Insect Spermatogenesis of *Chrotogonus trachyptera* (Blanch) with observations under the Phase Contrast Microscope. By Sukhdev Raj Bawa. Pp. 47-54. Rs. 1/13/- No. 70 (Zoology): Oogenesis of the Wall-Spider, *Crossopriza Iganyi* (Blackwall), as studied under the Phase Contrast Microscope. By Vishwa Nath and Rajindar M. Dhawan. Pp. 55-62. Rs. 1/8/- No. 71 (Chemistry): Sodium Meta-Vanadate as Volumetric Reagent. Part 3: Diphenylamine Indicator Method. By Balwant Singh and Ranjit Singh. Pp. 63-66. Rs. 0/12/- (Hoshiarpur: Panjab University, 1954 and 1955.) [108]  
 Sudan Government: Ministry of Agriculture. Annual Report of the Research Division 1951/52. Pp. ii+192. (Khartoum: Ministry of Agriculture (Research Division), 1954.) [108]  
 American Numismatic Society. Numismatic Notes and Monographs. No. 129: Chemical Composition of Parthian Coins. By Earle R. Caley. Pp. v+104 (3 plates). (New York: American Numismatic Society, 1955.) 2.50 dollars. [108]  
 United States Department of Commerce. Weather Bureau. Technical Paper No. 11: Weekly Mean Values of Daily Total Solar and Sky Radiation. Supplement No. 1. Prepared by Sigmund Fritz. Pp. 4. (Washington, D.C.: Government Printing Office, 1955.) [108]