

LECTURER IN PSYCHOLOGY at the University of New England, Armidale, New South Wales, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 30).

GEOLOGISTS or SENIOR GEOLOGISTS (4) (with a first- or second-class honours degree in geology or equivalent qualification, or high professional attainments) in the **ATOMIC ENERGY DIVISION** of the Geological Survey and Museum, London, S.W.7—Civil Service Commission, Scientific Branch, 30 Old Burlington Street, London, W.1, quoting S.168/169/56 (January 4).

LECTURER in either **CIVIL ENGINEERING** or **MECHANICAL ENGINEERING**—The Registrar, University College, Singleton Park, Swansea (January 4).

SENIOR RESEARCH OFFICER or **RESEARCH OFFICER** (with a university honours degree in engineering, physics, textile science or equivalent qualifications, with additional research experience, not necessarily in textiles) in the **PHYSICS AND ENGINEERING UNIT**, Wool Textile Research Laboratory, Commonwealth Scientific and Industrial Research Organization, Sydney, N.S.W., Australia, to undertake research into the mechanical properties of assemblies of fibres with particular reference to the physical basis of chemical treatments to improve crease retention, dimensional stability and shrink resistance of wool products—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2 (January 6).

ASSISTANT EDUCATIONAL PSYCHOLOGIST—The Director of Education, Shire Hall, Durham (January 7).

CHAIR OF ORGANIC CHEMISTRY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 14).

LECTURER IN PHYSICS at Kumasi College of Technology, Gold Coast—The Secretary, Advisory Committee on Colonial Colleges, 1 Gordon Square, London, W.C.1 (January 16).

READER IN BOTANY at Bedford College, Regent's Park, London, N.W.1—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 25).

READER IN ORGANIC CHEMISTRY, and a **READER IN PHYSICAL CHEMISTRY**, at King's College, Strand, London, W.C.2—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 30).

SENIOR LECTURER and a **LECTURER IN VETERINARY PATHOLOGY**—The Secretary of University Court, The University, Glasgow (January 31).

LECTURER (honours graduate in physics or chemistry) in **TEXTILE CHEMISTRY**—The Registrar, College of Technology, Manchester 1 (February 6).

ASSISTANT CONSERVATORS OF FORESTS (with a university degree in forestry) in Trinidad—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.61/38/01.

BIOCHEMIST (preferably with not less than two years post-graduate research experience either in carbohydrate or protein biochemistry or in endocrinology) to work in the Physiology Department on mammary gland metabolism—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, quoting 55/22.

CHEMIST (with at least a second-class honours degree in chemistry, or the A.R.I.C.) in H.M. Overseas Civil Service, Antigua, Leeward Islands, to provide chemical control and advice for the industrial and agricultural development of Antigua—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.63/34/03.

CHEMISTRY MASTER (with an honours degree in chemistry and experience of teaching at G.C.E. or equivalent level), for G.C.E. courses, under the Iraqi Ministry of Education, Baghdad, Iraq—Dr. A. H. Hilli, Cultural Attaché, Iraqi Embassy, 22 Queen's Gate, London, S.W.7.

GEOLOGISTS (with a university degree in geology), in the Department of Mines, Tasmania, to undertake geological work throughout the State, including investigating and reporting on mines and prospects, general geological work and mapping of areas, advice on water supply, selection of bore sites, and other engineering problems—Agent General for Tasmania, 457 Strand, London, W.C.2.

LECTURER (with an honours degree in metallurgy and preferably with industrial and research experience) in **METALLURGY**—The Secretary, Sir John Cass College, Jewry Street, London, E.C.3.

MICROANALYST (Chief)—Prof. E. A. Brande, Organic Chemistry Laboratories, Imperial College, London, S.W.7.

OPERATIONAL RESEARCH OFFICER (with a good university degree in mathematics, science, engineering or economics, and previous operational research experience), to join a team engaged in the study and development of factors affecting productive efficiency throughout the Corporation—Head Office Personnel Officer, British European Airways, Keyline House, Ruislip, Middx.

PHYSICIST or **ELECTRICAL ENGINEER** (with at least H.S.C. (science) or equivalent, and experience of electronic equipment) at a Ministry of Supply Armament Research and Development Establishment near Sevenoaks, Kent, for experimental design and development of electronic parts of fuses for projectiles and rockets and associated test and trials equipment—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting D.538/5A/CH.

RESEARCH ASSISTANT (with H.N.C. or equivalent qualification, and previous experience of chemical analysis) in the **CHEMISTRY DEPARTMENT**, to carry out laboratory experiments connected with the physical chemistry of solid steel—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting C.P.2.

SENIOR EXPERIMENTAL OFFICER (with H.S.C. with mathematics or a science subject as principal subject or equivalent qualifications, and an aptitude for analysis of technical information and in particular numerical data), to supervise a technical office concerned with collection, correlation and presentation of works' performance data; presentation of Group programmes; preparation of Group stock accounts for special materials, and building up of basic operational data—The Recruitment Officer, United Kingdom Atomic Energy Authority, Industrial Group Headquarters, Risley, near Warrington, quoting 1,196.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

British Electrical and Allied Industries Research Association. Technical Report L/T 287: Electrode Processes in Spark Discharges. By R. Craig. Pp. 12+11 figures. 12s. 6d. **Technical Report L/T 322: Plasma Oscillations and Energy Loss of Charged Particles in Solids.** By H. Fröhlich and H. Pelzer. Pp. 5. 3s. (Leatherhead: British Electrical and Allied Industries Research Association, 1953 and 1955.) [310]

Thermodynamic Properties of Fluids and Other Data (British Thermal Units). Arranged by Y. R. Mayhew and G. F. C. Rogers. Pp. 16. (Oxford: Basil Blackwell.) 2s. 6d. [310]

Proceedings of the University of Durham Philosophical Society, Vol. 12, No. 6: The Venation of the Homopterous Tegmen. By G. Heslop-Harrison. Pp. 42-62. Vol. 12, No. 7: Notes on Morphological Changes Associated with Sexual Maturity in the Male Starry Ray, *Raja radiata*, Donovan. By Dr. John Philippon. Pp. 63-72. Vol. 12, No. 8: The Evolution of Mitosis. By Jack L. Crosby. Pp. 73-81. (Durham: University of Durham Philosophical Society, 1955.) [310]

Ministry of Agriculture, Fisheries and Food. Domestic Food Consumption and Expenditure, 1953: Annual Report of the National Food Survey Committee. Pp. 104. (London: H.M. Stationery Office, 1955.) 4s. net. [310]

Avonmouth Works of Imperial Smelting Corporation Limited. Pp. 7+5 plates. (London: Imperial Smelting Corporation, 1955.) [310]

North of Scotland College of Agriculture. Calendar, 1955-56. Pp. 252. (Aberdeen: North of Scotland College of Agriculture, 1955.) [310]

Sheffield Metallurgical Association. Report for 1954 and List of Members. Pp. 33. (Sheffield: Sheffield Metallurgical Association, 1955.) [310]

Institution of Metallurgists. The Inspection and Testing of Metals: Lectures delivered at the Institution's Refresher Course, 1954. Pp. 120. (London: Institution of Metallurgists, 1955.) 15s. 6d. [310]

Building Research Station Digest, No. 80. (August, 1955): The Prediction of Levels of Daylighting in Buildings. Pp. 8. (London: H.M. Stationery Office, 1955.) 3d. net. [310]

Other Countries

Bulletin of the American Museum of Natural History, Vol. 106, Article 5: Fishes of Western Arctic America and Eastern Arctic Siberia: Taxonomy and Zoogeography. By Vladimir Walters. Pp. 255-368. (New York: American Museum of Natural History, 1955.) 1.50 dollars. [310]

Museum at Work: Bernice P. Bishop Museum Annual Report for 1954. Pp. 55. (Honolulu: Bernice P. Bishop Museum, 1955.) [310]

Commonwealth of Australia: Department of External Affairs. Australian National Antarctic Research Expeditions. Reports. Series B, Vol. 2—Botany. The Flora, Vegetation and Soils of Macquarie Island. By B. W. Taylor. Pp. ii+192. (Melbourne: Department of External Affairs (Antarctic Division), 1955.) [310]

National Academy of Sciences. National Research Council. Eighth Annual Report, Pacific Science Board, 1954. Pp. 61. (Washington, D.C.: National Academy of Sciences—National Research Council, 1955.) [310]

State of Illinois: Department of Registration and Education. Natural History Survey Division. Bulletin Vol. 26, Article 3: Natural Availability of Oak Wilt Inocula. By E. A. Cuth. Pp. iv+277+324. Vol. 26, Article 4: Efficiency and Selectivity of Commercial Fishing Devices used on the Mississippi River. By William C. Starrett and Paul G. Barnickol. Pp. iv+325-366. (Urbana, Ill.: Department of Registration and Education, Natural History Survey Division, 1955.) [310]

Bulletins de la Société Royale de Zoologie d'Anvers. No. 1: Les Infections à Plasmodium chez les Pingouins. Par Dr. J. Rodhain. Pp. 24. No. 2: Les Poissons d'Aquarium du Congo Belge. Par Dr. Max Poll. Pp. 46. No. 3: Les Facteurs Physio-Pathologiques Influençant l'Acclimatation de l'Okapi. Par Dr. L. M. G. Geurden. Aperçu Succinct de nos Connaissances Actuelles au Sujet de l'Okapi. Par Dr. Vandermander. L'Acclimatation des Okapis à Londres et Copenhague. Extraits de Rapports de MM. C. S. Webb (Curator of Mammals and Birds, Zoological Society of London) et Axel Reventlow (Adm. Director Zool. Have, København). Pp. 64. Nr. 4: Pathology of Birds in Zoological Gardens, with special reference to Salmonellosis. By Prof. L. M. G. Geurden. Pp. 11. No. 5: Quelques Nématodes de la Collection d'Helminthes Récoltés à la Société Royale de Zoologie d'Anvers. Par Cl. Vuystek. Pp. 27. (Anvers: Société Royale de Zoologie d'Anvers, 1953 and 1954.) [310]

Ministerio da Educacao e Saude. Boletim do Museu Nacional, Rio de Janeiro (Nova Serie), No. 119 (Zoologia). Chinesische Arachnoidea aus dem Museum Hoangho-Peiko in Tientsin. Von E. Schenkel. Pp. 108. No. 122 (Zoologia): Neotropical Mirididae, 61—Genus *Nuella* Reuter with descriptions of Seven New Species (Hemiptera). By Prof. José C. M. Carvalho. Pp. 19. No. 123 (Zoologia): Neotropical Dorilaidae Studies, Part 3. Brazilian Species and a Key to the Known Species of *Dorilas* Sens. Lat. By D. Elmo Hardy. Pp. 60. No. 124 (Zoologia): Fauna do Distrito Federal. 14: Sobre uma Especie do Genero *Cresera* Schaus, 1894 (Lepidoptera-Heterocera). By Alfredo Rei do Rego Barros. Pp. 17. No. 127 (Zoologia): Sobre Alguns *Nyctiborinae* Brasileiros com Descriçao di uma Especie Nova (*Baltidia*). By Isolda Rocha e Silva. Pp. 39. (Rio de Janeiro: Museu Nacional, 1953 and 1954.) [310]

Mitteilungen des Deutschen Wetterdienstes. No. 13 (Bard 2): Bestimmung des Verdunstungsanspruchs der Luft mit Hilfe von Piche-Evaporimetern. Von Siegfried Uhlig. Pp. 24. (Bad Kissinger: Deutscher Wetterdienst, 1955.) [310]

Conseil Permanent International pour l'Exploration de la Mer. Rapports et Procès-Verbaux des Réunions. Vol. 139: Report on Echo-Sounding and Asdic for Fishing Purposes. Edited by W. C. Hodgson and A. Fridriksson. Pp. 50. (Copenhagen: Andr. Fred. Høst, 1955.) [310]