

ROYAL DUTCH SHELL STUDENTSHIP IN GEOPHYSICS—The Registrar, Imperial College of Science and Technology, South Kensington, London, S.W.7 (May 31).

ASSISTANT LECTURERS IN GEOGRAPHY, GEOLOGY, and PHYSICS—The Registrar, University College, Leicester.

ASSISTANT PROFESSOR OF ANATOMY—The Dean, Faculty of Medicine, Dalhousie University, Halifax, Nova Scotia, Canada.

ASSISTANT TECHNICAL SECRETARY (a university degree, or equivalent qualification, in physics or metallurgy, and administrative ability essential) in London by the Metallurgy Division, to administer technical committees dealing with metal physics and the development of techniques for application to the iron and steel industry—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, endorsed 'Metallurgy Division'.

CHEMISTS (Principal Scientific Officer or Senior Scientific Officer grade) at the Royal Aircraft Establishment, Farnborough, to work on problems connected with the selection, storage and combustion of fuels used in guided weapons—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.112/52A.

CHEMISTS and CHEMICAL ENGINEERS (Experimental Officer grade) at a Ministry of Supply Research and Development Establishment in Essex: PHYSICAL CHEMISTS (Ref. F.103/52A) with experience in physical testing methods, particularly as applied to plastics, rubber, clays, etc., (Ref. F.104/52A) with experience of the processing of plastics, particularly by extrusion, (Ref. F.105/52A) preferably with experience of combustion work, calorimetry and the measurement of transient pressures, (Ref. F.106/52A) for work on sensitiveness of initiators; ORGANIC CHEMISTS (Ref. F.107/52A) with laboratory experience and an analytical and/or research bias; CHEMICAL ENGINEERS (Ref. F.108/52A) with experience in plant development and design—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting the appropriate Ref. No.

CIVIL ENGINEERS (Main grade) (Ref. E.251/51A) and ASSISTANT CIVIL ENGINEERS (Recruitment grade) (Ref. E.252/51A) in the Air Ministry Directorate General of Works in London and the Provinces—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting the appropriate Ref. No.

GRADUATE CHEMIST (with B.Sc. or equivalent) as BIOCHEMIST IN THE RESEARCH DEPARTMENT—The Director of Research (Applications/26), Barrow Hospital, Barrow Gurney, Bristol.

GRADUATE PHYSICAL CHEMIST or METALLURGIST to study the physical chemistry of iron and steel making processes—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.

LECTURER IN METALLURGY—The Registrar, Cumberland Technical College, Park Lane, Workington, Cumberland.

LECTURER IN TELECOMMUNICATIONS ENGINEERING—The Clerk, Northern Polytechnic, Holloway, London, N.7.

MECHANICAL/ELECTRICAL ENGINEERS (new construction) in the Sudan—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, quoting Mechanical/Electrical Engineer, 4/1813.

MEDICAL RESEARCH OFFICERS (2) IN THE VIRUS RESEARCH INSTITUTE, Lagos, Nigeria—The Under-Secretary of State, Colonial Office (Research Department), Sanctuary Buildings, Great Smith Street, London, S.W.1.

METALLURGISTS (Experimental Officer grade) (with a degree in metallurgy and specialized in mineral dressing of non-ferrous ores) in the Atomic Energy Division of the Ministry of Supply in London—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.121/52A.

OFFICER-IN-CHARGE, Camden Park Experimental Station (Agricultural), St. Vincent, Windward Islands (candidates must have a sound knowledge of statistical technique in experimental work and be able to undertake the general administration of the station, carry out a detailed programme of plant breeding and experimental work, train agricultural apprentices, etc.)—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.23443G.

PHYSICISTS at a Ministry of Supply Research Establishment in Cambridgeshire: SENIOR SCIENTIFIC OFFICERS (Ref. A.51/52A) with some engineering or metallurgical experience for investigations of a fundamental nature relating to armour penetration problems, (Ref. A.52/52A) with mathematical ability and some knowledge of thermodynamics for work on the mechanism of damage by small calibre shell; SCIENTIFIC OFFICERS (Ref. A.53/52A) with experience of electronics for work in connexion with high-speed photography—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting the appropriate Ref. No.

RESEARCH GRANT for research into the determination of the molecular weight and shape of high polymers in solution—Dr. P. Johnson, Department of Colloid Science, Free School Lane, Cambridge.

SCHOLARSHIPS in Austria, Belgium, Brazil, Denmark, Finland, France, Germany, Italy, the Netherlands, Norway, Persia, Portugal, Spain, Sweden and Switzerland—The British Council, 65 Davies Street, London, W.1.

SENIOR EXECUTIVE ENGINEER, Public Works Department, North Borneo—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27322/230.

SENIOR EXPERIMENTAL OFFICERS (one at Ministry of Supply headquarters and the other at an Establishment near London) to assist the officers in charge of administration in connexion with the recruitment and deployment of scientific and technical staff for Research and Development Establishments—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.76/52A.

SENIOR LECTURER (with good honours and research degrees, and industrial experience) in INORGANIC CHEMISTRY—The Registrar, College of Technology, Unity Street, Bristol 1.

SENIOR SCIENTIFIC OFFICER to be responsible to the Director of Research for the supervision of researches relating to the metallurgy of the steelmaking and welding processes and to the mechanism of

solidification of steel castings, a SCIENTIFIC AND TECHNICAL OFFICER (Metallurgist, graduate or A.I.M.) for research and development work relating to the physical and mechanical properties of carbon and alloy steel castings, a SCIENTIFIC AND TECHNICAL OFFICER (Mechanical Engineer, preferably graduate or A.M.I.Mech.E.) for development work in relation to steel foundry plant, a SENIOR TECHNICAL ASSISTANT (Metallurgist, preferably graduate or A.I.M.) for research in relation to steelmaking processes for steel castings production, and a SENIOR TECHNICAL ASSISTANT (graduate Metallurgist, preferably with knowledge of French and German) as Assistant Information Officer—The Secretary, Research and Development Division, British Steel Founders' Association, Broomsgrove Lodge, Sheffield 10.

TELECOMMUNICATIONS ENGINEERS, Gold Coast (Ref. 27325/25), and an ELECTRICAL ENGINEER, Nyasaland (Ref. 27326/50)—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting the appropriate Ref. No.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Department of Scientific and Industrial Research. Report of the Building Research Board with the Report of the Director of Building Research for the Year 1950. Pp. iv+68+20 plates. (London: H.M. Stationery Office, 1951.) 4s. net. [1112]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 879, Vol. 244: Under-Water Explosion Measurements from Small Charges at Short Ranges. By A. H. Bebb. Pp. 153-175. 5s. 6d. No. 880, Vol. 244: The Mechanical Behaviour of Single Crystals of certain Face-centred Cubic Metals. By E. N. da C. Andrade and C. Henderson. Pp. 177-203. 8s. 6d. (London: Cambridge University Press, 1951.) [1112]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 630, Vol. 235: The Basic Proteins of Cell Nuclei. By F. Stedman and Ellen Stedman. Pp. 565-595. (London: Cambridge University Press, 1951.) 8s. 6d. [1112]

Aquinas Society of London. Aquinas Paper No. 18: The Meaning of Existentialism. By Dr. D. J. B. Hawkins. Pp. 18. (London: Blackfriars Publications, 1951.) 1s. 6d. [1212]

Philips in the Service of Industry. Pp. 32. (London: Philips Electrical, Ltd., 1951.) [1212]

The Bowater Papers. No. 2, 1951. Pp. 64. (London: Bowater Paper Corporation, Ltd., 1951.) [1212]

Deterioration of Structures of Timber, Metal and Concrete exposed to the Action of Sea-Water. Nineteenth Report of the Committee of the Institution of Civil Engineers: Being a General Summary of the Experimental Work carried out to date on Timber. By J. Bryan. Second edition. Pp. iv+54. (London: Institution of Civil Engineers, 1951.) 5s. net. [1212]

Other Countries

Report of the King Institute of Preventive Medicine, Gundy, for the Period from 1st April 1949 to 31st March 1950, by Dr. Y. S. Narayana Rao; and Report of the Government Analyst, Madras, by Sri S. Narayana Ayyar. Pp. 117. (Madras: Government Press, 1951.) 2.8 rupees. [1112]

Bulletin of the American Museum of Natural History. Vol. 97, Article 5: A Study of Asiatic Larks. By Charles Vaurie. (Notes from the Walter Koelz Collections, No. 11.) Pp. 431-526+plate 17. 1.25 dollars. Vol. 98, Article 1: Studies on the Structure of the Fish School. By C. M. Breder, Jr. Pp. 28+4 plates, 50 cents. (New York: American Museum of Natural History, 1951.) [1112]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada Bulletin 17: Gastropoda and Conularida of the Ottawa Formation of the Ottawa-St. Lawrence Lowland. By Alice E. Wilson. Pp. v+149 (19 plates.) (Ottawa: King's Printer, 1951.) 75 cents. [1112]

Carnegie Institution of Washington. Publication 592: Contributions to Embryology, Vol. 34, Nos. 222-230. Pp. iii+196+58 plates. (Washington, D.C.: Carnegie Institution, 1951.) 8.75 dollars. [1112]

B.A.N.Z. Antarctic Research Expedition, 1929-1931. Reports, Series B (Zoology and Botany), Vol. 1, Part 3: Cephalopods. By Dr. T. Harvey Johnston and Nancy G. Muirhead. Pp. 89-120+3 plates. (Adelaide: Barr Smith Library, The University, 1951.) 10s. [1112]

Enka and Breda Rayon Revue No. 4: Selection of Articles from the 1950 Volume of Rayon Revue. Pp. 108. (Arnhem: International Rayon Trading Co., 1951.) [1212]

Western Australia: Department of Mines. Mineral Resources of Western Australia, Bulletin No. 5: Moulding Sands. By Dr. K. R. Miles and H. A. Stephens. Pp. 98+xi. (Perth: Government Printer, 1950.) [1212]

Uganda Protectorate. Annual Report of the Forest Department for the Year ended 31st December 1950. Pp. iv+51. (Entebbe: Government Printer, 1951.) 3s. [1312]

National Multiple Sclerosis Society. First Annual Report for the Period of October 1946-July 1951. Pp. iii+27. (New York: National Multiple Sclerosis Society, 1951.) [1312]

Catalogues

News from Sunvic. Vol. 1, No. 1, December. Pp. 4. (London: Sunvic Controls, Ltd., 1951.)

Catalogo de Libros de Cirugia. Pp. 36. Catalogo de Libros de Medicina. Pp. 32. (Madrid: Libreria Enrique Casas Gaspar, 1951.)

Particle Size Analysis with the Bound Brook Photosedimentometer. Pp. 44+3 plates. (Lichfield, Staffs.: Bound Brook Bearings (G.B.), Ltd., 1951.)

Laboratory Glassware and Thermometers. Pp. 32. (Pontypridd: H. J. Elliott, Ltd., 1951.)

Laboratory Apparatus for the Examination of Milk and Milk Products. (Catalogue P.1823.) Pp. 32. (Alperton and Birmingham: W. and J. George and Becker, Ltd., 1951.)