

FORTHCOMING EVENTS

Wednesday, September 14

INSTITUTE OF PETROLEUM (joint meeting with the INSTITUTION OF FIRE ENGINEERS, at Manson House, 26 Portland Place, London, W.1, 6 p.m.—Mr. J. H. Burgoyne, Mr. L. L. Katan and Mr. J. P. Richardson: "The Application of Air-Foam to Oils Burning in Boilers"; Mr. J. H. Burgoyne, Mr. L. L. Katan and Mr. J. P. Richardson: "The Use of Solid Carbon Dioxide to Extinguish the Burning of Liquids"; Mr. E. Thornton: "Some Practical Aspects of the Application of Foam to Large Oil Tanks".

Thursday, September 15

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Mr. E. H. Atkin: "Inter-City Transport Development on the Commonwealth Routes" (Fifth British Commonwealth and Empire Lecture).

APPOINTMENTS VACANT

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

AGRICULTURAL CHEMIST IN THE TOBACCO DIVISION, Department of Agriculture and Lands, Southern Rhodesia—The Secretary, High Commissioner's Office, Rhodesia House, 429 Strand, London, W.C.2 (September 20).

ASSISTANT EXPERIMENTAL OFFICER IN THE ENTOMOLOGY DEPARTMENT, for work on Soil Insects—The Secretary, Rothamsted Experimental Station, Harpenden, Herts (September 24).

LECTURER OR ASSISTANT LECTURER IN PSYCHOLOGY, with special interests in Experimental Psychology—The Registrar, The University, Manchester 13 (September 26).

LECTURER IN AGRICULTURE AND FARM DIRECTOR—The Registrar, The University, Leeds 2 (September 30).

BIOCHEMIST—The Chief Administrative Officer, Reading and District Hospital Management Committee, 3 Craven Road, Reading, endorsed 'Appointment of Biochemist' (September 30).

LECTURER OR ASSISTANT LECTURER IN MATHEMATICS, with special qualifications in Applied Mathematics—The Registrar, University College of Wales, Aberystwyth (September 30).

LECTURER IN PHYSIOLOGY—The Secretary of University Court, The University, Glasgow (September 30).

ASSISTANT LECTURER IN THE DEPARTMENT OF GEOLOGY—The Registrar, University College, Cathays Park, Cardiff (October 1).

RADIOCHEMICAL INSPECTOR to the Ministry of Health—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2754 (October 12).

LECTURER OR A READER to take charge of the DEPARTMENT OF GEOGRAPHY—The Registrar, Trinity College, Dublin (October 20).

SENIOR LECTURER IN STATISTICS in the University of Melbourne—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 31).

SENIOR LECTURER IN EXPERIMENTAL PHARMACOLOGY—The Secretary of University Court, The University, Glasgow (December 31).

WORKS CHEMISTS AND PHYSICISTS (at Windscale Works, Sellafield, Cumberland) for supervisory duties connected with the operation of a large factory consisting of nuclear piles and associated chemical plant, TECHNICAL ASSISTANTS (at Springfields Factory, Preston, and Windscale Works) for investigating and preparing reports on technical problems connected with the production and development work in atomic factories, and JUNIOR CHEMISTS AND PHYSICISTS (at Windscale Works) for supervising work involving chemistry and/or applied physics—The Staff Section, Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington.

LABORATORY TECHNICIANS (2) IN THE CHEMICAL AND BIOLOGICAL DEPARTMENTS—The Administrative Officer, National Institute for Medical Research, Hampstead, London, N.W.3.

HEAD OF THE NATIONAL COLLEGE FOR HEATING, VENTILATING, REFRIGERATION AND FAN ENGINEERING—The Clerk to the Governors, Borough Polytechnic, Borough Road, London, S.E.1.

LABORATORY ASSISTANTS (junior)—The Science Department, St. Paul's School, West Kensington, London, W.14.

ELECTRICAL ENGINEER OR PHYSICIST, for research and development work on the application of electronic methods to mechanical engineering problems—The Director, Motor Industry Research Association, Great West Road, Brentford, Middx.

SPECTROGRAPHER to take charge of spectrography section of Pedology Department—The Secretary, Rothamsted Experimental Station, Harpenden, Herts.

DIRECTOR OF THE EAST AFRICAN SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION—The Under-Secretary of State, Colonial Office, Research Department, Great Smith Street, London, S.W.1.

GEOLOGIST, a GEOPHYSICIST, and an ASSISTANT DRILLING ENGINEER, in the Public Works Department, Sudan Government—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, endorsed with the appropriate reference.

CHEMIST TO THE DEPARTMENT OF CLINICAL ENDOCRINOLOGY, to be responsible for chemical hormone estimations in co-ordination with a BIOLOGIST carrying out animal assays—The Secretary, Queen Elizabeth Hospital, Edgbaston, Birmingham 15.

DIRECTOR OF LAND RECLAMATION, West Punjab Irrigation Branch—The High Commissioner for Pakistan, 35 Lowndes Square, London, S.W.1.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Royal Commission on the Press, 1947-1949. Report. (Cmd. 7700.) Pp. iv+361. (London: H.M. Stationery Office, 1949.) 6s. net. [147]

Colonial Development and Welfare Acts. Return of Schemes made under the Colonial Development and Welfare Acts by the Secretary of State for the Colonies, with the concurrence of the Treasurer, in the period from 1st April, 1948, to 31st March, 1949. Pp. 56. (London: H.M. Stationery Office, 1949.) 1s. net. [197]

The National Health Service. Pp. 36. (London: H.M. Stationery Office, 1949.) 6d. net. [257]

British Iron and Steel Research Association. Annual Report of Council, 1948. Pp. 100. (London: British Iron and Steel Research Association, 1949.) [277]

Colonial Research, 1948-1949. (Cmd. 7739.) Pp. 134. (London: H.M. Stationery Office, 1949.) 2s. 6d. net. [277]

Department of Scientific and Industrial Research. Report of the Food Investigation Board for the Year 1939. Pp. v+114. (London: H.M. Stationery Office, 1949.) 2s. 6d. net. [48]

Handbooks for the Identification of British Insects. Vol. 1, Part 5: Dermaptera and Orthoptera. By W. D. Hincks. Pp. 20. 3s. 6d. Vol. 1, Part 10: Odonata. By Lt.-Col. F. C. Fraser. Pp. 48. 7s. 6d. Vol. 9, Part 1: Diptera, i. Introduction and Key to Families. By H. Oldroyd. Pp. 49. 7s. 6d. (London: Royal Entomological Society of London, 1949.) [48]

Other Countries

International Health Bulletin. (Quarterly.) Vol. 1, No. 1, January-March 1949. Pp. 40. (Geneva: League of Red Cross Societies, 1949.) Annual subscription, 6 Swiss francs; 1.50 dollars. [76]

Council of Scientific and Industrial Research. New Zealand Journal of Science and Technology: Index to Volumes 1-25. Compiled by V. J. Wilson; with a Short History of the Journal by Loris H. Webley. Pp. x+226. (Wellington: Government Printer, 1948.) [48]

Bulletin of the American Museum of Natural History. Vol. 93, Article 7: The Influence of Light and Darkness on Thyroid and Pituitary Activity of the Characin *Astyanax mexicanus* and its Cave Derivatives. By Priscilla Rasquin. Pp. 497-532 + plates 20-25. (New York: American Museum of Natural History, 1949.) 75 cents. [48]

Phyton: Annales rei botanicæ. Vol. 1, Fasc. 1. Pp. 104. Vol. 1, Fasc. 2-4. Pp. 105-328. (Horn, N.O.: Verlag Ferdinand Berger, 1948-1949.) [48]

Annals of the New York Academy of Sciences. Vol. 50, Art. 6: The Adrenal Cortex. By R. Gaunt, G. E. Bergner, J. S. L. Browne, H. W. Deane, R. I. Dorfman, W. J. Eversole, P. H. Forsham, Roy O. Greep, A. G. Hills, D. J. Ingie, E. C. Kendall, E. J. Kepler, L. A. Lewis, I. H. Page, G. Pincus, F. T. G. Prunty, G. Sayers, M. A. Sayers, G. W. Thorn, E. H. Venning and G. W. Woolley. Pp. 509-678. (New York: New York Academy of Sciences, 1949.) 3 dollars. [48]

Council for Scientific and Industrial Research. Aeronautical Research Report ACA-42: Observation of the Lubricating Oil Film between Piston Ring and Cylinder of a Running Engine—the Effects of Lubricant Properties and Additives. By R. L. Brooks and M. L. Atkin. Pp. 13. (Melbourne: Government Printer, 1948.) [48]

Annals of the New York Academy of Sciences. Vol. 51, Art. 5: Antibiotics derived from *Bacillus polymyxa*. By P. H. Long, C. M. Alverson, M. J. Baker, P. H. Bell, R. G. Benedict, E. A. Bliss, J. F. Bone, R. Broschard, G. Brownlee, M. S. Bryer, S. R. M. Bushby, B. N. Carle, J. R. Catch, C. A. Chandler, A. C. Dornbush, G. M. Eisenberg, J. P. English, C. E. Fellows, E. C. Gore, K. S. Howard, E. R. Jackson, T. S. G. Jones, G. Krupka, S. Kushner, C. L. Larson, P. Little, E. M. Petersen, J. N. Porter, E. T. Reese, M. M. Rogers, E. B. Schoenbach, R. G. Shepherd, E. I. Short, P. G. Stansly, F. H. Stodola, Y. SubbaRow, A. E. Verder, H. J. White, S. Wilkinson, R. Winterbottom and J. S. Zellat. Pp. 853-1,000. (New York: New York Academy of Sciences, 1949.) 2.25 dollars. [48]

Catalogues

Kodak Exhibition of Air Photographs of Castles and Religious Houses. Arranged by Dr. J. K. St. Joseph. Pp. 8. (London: Kodak, Ltd., 1949.)

VHF Multi-Channel Communication. (Ref. SL. 101.) Pp. 4. Aircraft Radio Maintenance Simplified: Aircraft Equipment Tester Type O.A. 216 for A.D.97/108/7092 Aircraft Radio Apparatus. (Ref. SL. 301.) Pp. 8. 3-Kilowatt MF Beacon Type W.B. 8 for Aeronautical Services. (Ref. SL. 302.) Pp. 4. (Chelmsford: Marconi's Wireless Telegraph Co., Ltd., 1949.)

A Catalogue of Books Offered for Sale. (No. 668.) Pp. 76. (London: Bernard Quaritch, Ltd., 1949.)

Catalogue of Books on Agriculture, Horticulture, Animal Husbandry and Veterinary Science. Pp. 32. (London: H. K. Lewis and Co., Ltd., 1949.)

Editorial and Publishing Offices of "NATURE"
MACMILLAN & CO., LTD.,

ST. MARTIN'S STREET, LONDON, W.C.2.

Telephone Number: Whitehall 8831

Telegrams: Phisus Lesquare London

Advertisements only should be addressed to

T. G. Scott & Son, Ltd., Talbot House, 9 Arundel Street, London, W.C.2
Telephone Number: Temple Bar 1942

The annual subscription rate is £4 10 0, payable in advance, inland or Abroad
All rights reserved. Registered as a Newspaper at the General Post Office