

## FORTHCOMING EVENT

Monday, December 20

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 8.15 p.m.—Prof. E. G. R. Taylor and Prof. W. M. Smart, F.R.S.: "The Navigator's Story".

## APPOINTMENTS VACANT

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

**BIOCHEMIST (non-medical)**—The Director of the Pathological Laboratory, General Hospital, Middlesbrough (December 25).

**PRINCIPAL SCIENTIFIC OFFICER** (with a First or Second Class Honours Degree in Mathematics or an equivalent qualification, and ability to apply mathematics to tidal movements, etc.) in the Royal Naval Scientific Service—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2336 (December 30).

**PRINCIPAL SCIENTIFIC OFFICERS** in the Headquarters Office in London of the Department of Scientific and Industrial Research—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2335 (December 30).

**HORTICULTURAL OFFICER** in Grade II of the National Agricultural Advisory Service—The Secretary, Ministry of Agriculture and Fisheries, 1-4 Cambridge Terrace, London, N.W.1, endorsed N.A.A.S. (December 31).

**SENIOR RESEARCH OFFICER** in the Organic Chemistry Section of the National Chemical Research Laboratory, Pretoria—The South African Scientific Liaison Officer, Africa House, Kingsway, London, W.C.2 (December 31).

**PHYSICISTS and MATHEMATICIANS** (for unestablished posts in the Experimental Officer class) in Ministry of Supply research and development establishments in Southern England and South Midlands, for duties concerned with aerodynamics, armaments, ballistics, crystallography, fuels, heat, jet propulsion, radio and radar, and X-rays—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.395/48A (December 31).

**SENIOR SCIENTIFIC OFFICER** (Ref. A.403/48A) to lead a group of physicists and engineers studying effect of tropical conditions on Service materials and equipment, and a **SCIENTIFIC OFFICER** (Ref. F.429/48A) to work in analytical or biochemical investigations into deterioration of equipment under tropical conditions, at the Tropical Testing Establishment, Nigeria—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting appropriate Ref. No. (January 3).

**DEMONSTRATOR IN THE DEPARTMENT OF BOTANY**—The Secretary, Bedford College for Women, Regent's Park, London, N.W.1 (January 8).

**READERSHIP IN DEMOGRAPHY** at the London School of Economics and Political Science—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 20).

**POSTGRADUATE STUDENTSHIPS** in preparation for research into stored products entomology in the Colonial Empire—The Under-Secretary of State, Colonial Office, Research Department, Sanctuary Buildings, Great Smith Street, London, S.W.1 (April 30).

**CHEMISTS IN THE JOINT DEPARTMENT OF CHEMISTRY**, Federation of Malaya—The Director of Recruitment, Colonial Service, 2 Sanctuary Buildings, Great Smith Street, London, S.W.1.

**RESEARCH ASSISTANT** in the field of Organic Chemistry—The Secretary, King's College of Household and Social Science, Campden Hill Road, London, W.8.

**LECTURER IN THE DEPARTMENT OF CHEMISTRY**—The Principal, Borough Polytechnic, Borough Road, London, S.E.1.

**SENIOR LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING**—The Secretary, Royal Technical College, Glasgow.

**PHYSICAL CHEMISTS** as Scientific Officers at a Ministry of Supply research and development establishment near London for duties in (a) high temperature refractories, (b) crystallography and practical microscopy, (c) spectroscopy and (d) plant development—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.1025/48A.

**CHEMICAL ENGINEER IN THE DIVISION OF ATOMIC ENERGY (Production)**, Risley, to assist in the design and operation of a prototype plant with a view to helping in the design and construction of a large production plant—The Staff Section, Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs.

**ASSISTANT EDITOR OF Science Abstracts**—The Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

**National Building Studies. Bulletin No. 1: Clay Building Bricks, their Manufacture, Properties and Testing; with Notes on the Efficiency of Brickwork.** By B. Butterworth. Pp. iv+24+9 plates. (London: H.M. Stationery Office, 1948.) 1s. net. [198]

**Progress in Leather Science, 1920-1945.** Issued in commemoration of the Twenty-fifth Anniversary of the formation of the British Leather Manufacturers' Research Association. Vol. 1. Pp. viii+220. Vol. 2. Pp. xi+221-486. Vol. 3. Pp. xii+487-705. (London: British Leather Manufacturers' Research Association, 1946-1948.) [118]

**Ovaltine Research Laboratories. Annual Report, 1947.** Pp. 8. (London: A. Wander, Ltd., 1948.) [118]

**Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences.** No. 830, Vol. 241: The Growth-Inhibitory and Carcinogenic Properties of 4-Aminostilbene and Derivatives. By A. Haddow, R. J. C. Harris, G. A. R. Kon and Edna M. F. Roe. Pp. 147-196. 15s. No. 831, Vol. 241: The Sensitiveness of Explosives. By J. L. Copp, S. E. Napier, T. Nash, W. J. Powell, H. Skelly, A. R. Ubbelohde and P. Woodward. Pp. 197-296. 30s. No. 832, Vol. 241: The First Spectrum of Copper (Cu I). By A. G. Shenstone. Pp. 297-322. 6s. (London: Cambridge University Press, 1948.) [168]

**A Descriptive Guide to the Libraries of the University of Leeds.** By Dr. Richard Offor. Pp. 134+6 plates. (Leeds: Brotherton Library, The University, 1947.) 6s. 6d. [168]

**The British Council. Report for 1947-1948.** Pp. 88. (London: British Council, 1948.) [168]

**Physical Society. Reports on Progress in Physics.** Vol. 11 (1946-47). Pp. iv+462+11 plates. (London: Physical Society, 1948.) 42s. net; to Fellows, 25s. net. [168]

**Lambeth Conference 1948: The Encyclical Letter from the Bishops, together with Resolutions and Reports.** Pp. v+53+iv+120. (London: S.P.C.K., 1948.) 5s. [178]

**National Building Studies. Special Report No. 1: Structural Requirements for Houses.** By Dr. F. G. Thomas. Pp. iv+9+11 plates. (London: H.M. Stationery Office, 1948.) 9d. net. [178]

**Diamond Tool Patents, 2: Diamond Abrasive Wheels.** Edited by P. Grodzinski. Pp. 52. (London: Industrial Diamond Information Bureau, 1948.) 10s. [178]

**Report of a Conference on Strength of Solids held at the H. H. Wills Physical Laboratory, University of Bristol, on 7-9 July 1947.** Pp. iv+162. (London: Physical Society, 1948.) 25s. [178]

**National Building Studies. Special Report No. 2: Plumbing in America; a Report on a Visit to U.S.A. and Canada on Plumbing.** By F. L. Barrow. Pp. iv+24. (London: H.M. Stationery Office, 1948.) 6d. net. [188]

**Imperial Agricultural Bureaux. Joint Publication No. 12: Phenothiazine in Veterinary Medicine; a Review of the Literature of 1942-46, by J. Tweedale Edwards; Bibliography of Phenothiazine as an Anthelmintic, 1942-46, by the Imperial Bureau of Agricultural Parasitology.** Pp. 36. (Weybridge: Imperial Bureau of Animal Health; St. Albans: Imperial Bureau of Agricultural Parasitology, 1947.) 4s. [198]

**Economic Thought and Industrial Policy: an Inaugural Lecture delivered at University College, London, on March 4th, 1948.** By Prof. G. C. Allen. Pp. ii+18. (London: H. K. Lewis and Co., Ltd., 1948.) 2s. 6d. net. [198]

## Other Countries

**Bernice P. Bishop Museum. Bulletin 193: Specialized Studies in Polynesian Anthropology.** By Katharine Luomala, Felix M. Keesing, Marie Keesing, Ernest Beaglehole and E. G. Burrows. Pp. iv+88. **Bulletin 194: Report of the Director for 1947.** By Peter H. Buck (Te Rangī Hiroa). Pp. 40. (Honolulu: Bernice P. Bishop Museum, 1947-1948.) [38]

**Western Australia Geological Survey. Bulletin No. 101: The Mining Groups of the Yilgarn Goldfield north of the Great Eastern Railway.** By R. S. Matheson; with Three Appendices by Dr. K. R. Miles. Pp. 242+ix. (Perth: Government Printer, 1947.) [48]

**Smithsonian Institution: Bureau of American Ethnology. Bulletin 143: Handbook of South American Indians.** Edited by Julian H. Steward. Vol. 4: The Circum-Caribbean Tribes. Pp. xx+609+98 plates. (Washington, D.C.: Government Printing Office, 1948.) [98]

**Smithsonian Institution: United States National Museum. Bulletin 195: Life Histories of North American Nuthatches, Wrens, Thrashers and their Allies; Order Passeriformes.** By Arthur Cleveland Bent. Pp. xi+475+90 plates. (Washington, D.C.: Government Printing Office, 1948.) 1.75 dollars. [98]

**Conseil International des Unions scientifiques. Sixième rapport de la Commission pour l'étude des Relations entre les phénomènes solaires et terrestres.** Pp. 215. (Orléans: Imprimerie Nouvelle, 1948.) [98]

**Smithsonian Institution: Institute of Social Anthropology. Publication No. 8: Sierra Popoloca Speech.** By Mary L. Foster and George M. Foster. Pp. iii+45. (Washington, D.C.: Government Printing Office, 1948.) 40 cents. [98]

**Twenty-eighth Annual Report of the Research Council of Alberta, 1947. (Report No. 51.)** Pp. 28. (Edmonton: King's Printer, 1948.) [118]

**South African Institute for Medical Research. Annual Report for the Year 1947.** Pp. 67. (Johannesburg: South African Institute for Medical Research, 1948.) [118]

**Chicago Natural History Museum. Report of the Director to the Board of Trustees for the Year 1947.** Pp. 144. (Chicago: Chicago Natural History Museum, 1948.) 1 dollar. [128]

**Illinois Natural History Survey. Bulletin, Vol. 24, Article 2: The Leafhoppers, or Cicadellidae, of Illinois (Eurymlinae-Blattellinae).** By D. M. DeLong. Pp. 91-376. (Urbana: Illinois Natural History Survey, 1948.) [168]

**Handbook of Scientific and Technical Societies and Institutions of the United States and Canada.** (Bulletin of the National Research Council, No. 115.) Fifth edition. Pp. 371. (Washington, D.C.: National Academy of Sciences, 1948.) 5 dollars. [178]

**Smithsonian Miscellaneous Collections. Vol. 108: Compendio y descripción de las Indias occidentales. Por Antonio Vazquez de Espinosa. Transcrito del manuscrito original por Charles Upson Clark.** (Publication 3898.) Pp. xii+301. (Washington, D.C.: Smithsonian Institution, 1948.) [198]

## Catalogues

**Maps and Atlases of the British Isles from the 16th to 19th Century.** (Catalogue No. 692.) Pp. 78. (London: Francis Edwards, Ltd., 1948.)

**The Tilgate Story.** Pp. 20. (London: F. W. Berk and Co., Ltd., 1948.)