

Thursday, January 13

CHEMICAL SOCIETY (joint meeting with the SOCIETY OF CHEMICAL INDUSTRY, the ROYAL INSTITUTE OF CHEMISTRY, and the BRITISH ASSOCIATION OF CHEMISTS) (in the Muspratf Lecture Theatre, The University, Liverpool), at 4 p.m.—Prof. E. D. Hughes: "The 'Reactivity' of Organic Compounds".

INSTITUTE OF FUEL (joint meeting with the BRISTOL AND SOUTH-WEST COUNTIES SECTIONS OF THE SOCIETY OF CHEMICAL INDUSTRY, CHEMICAL SOCIETY, and the ROYAL INSTITUTE OF CHEMISTRY) (in the Chemistry Department, The University, Woodland Road, Bristol), at 5.30 p.m.—Mr. G. M. Gill and Mr. John Roberts: "Post-War Coal Processing".

IRON AND STEEL INSTITUTE (joint meeting with the EBBW VALE METALLURGICAL SOCIETY) (at the Rational Hall, Ebbw Vale), at 7 p.m.—Dr. C. H. Desch, F.R.S.: "Research in the Steel Industry".

PHARMACEUTICAL SOCIETY (at 17 Bloomsbury Square, London, W.C.1), at 7 p.m.—Presentation of the Hanbury Memorial Medal to Sir Henry Dale, F.R.S., followed by an address on "The Natural History and Chemistry of Drugs".

Friday, January 14

INSTITUTE OF FUEL (at the Chamber of Commerce, Swansea), at 4 p.m.—Mr. H. R. Horman: "The Production of Producer-Gas and Blue Water Gas".

Saturday, January 15

SHEFFIELD METALLURGICAL ASSOCIATION (at 198 West Street, Sheffield 1), at 2.30 p.m.—Annual General Meeting. Presidential Address.

APPOINTMENTS VACANT

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

SCIENCE MASTER, mainly for CHEMISTRY, up to University Scholarship standard, at the City of London School—The Town Clerk, 55-61 Moorgate, London, E.C.2. (January 12).

CHAIR OF CHEMISTRY—The Principal, University College of Wales, Aberystwyth (January 15).

REGIUS PROFESSOR OF ZOOLOGY at Glasgow University—The Private Secretary, Scottish Office, Fielden House, 10 Great College Street, London, S.W.1 (January 17).

HEAD OF THE DEPARTMENT OF ENGINEERING, Schools of Technology, Art and Commerce, Oxford—The Chief Education Officer, City Education Office, 77 George Street, Oxford (January 19).

UNIVERSITY LECTURER IN ANTHROPOLOGY—The Secretary of the Appointments Committee, Faculty of Archaeology and Anthropology, Museum of Archaeology and of Ethnology, Cambridge (April 15).

ASSISTANT LECTURER IN CHEMISTRY, PHYSICS AND BOTANY—The Principal, Swanley Horticultural College for Women, Swanley, Kent.

LECTURER IN THE ENGINEERING DEPARTMENT—The Registrar, Technical College, Cheltenham, Glos.

SCIENCE MASTER or MISTRRESS to be responsible for the teaching of CHEMISTRY to Higher School Certificate standard—The Headmaster, Wellingborough Grammar School, Wellingborough, Northants.

EXECUTIVE ENGINEERS for the Sierra Leone Government Public Works Department—The Ministry of Labour and National Service, Central (Technical and Scientific) Register, Advertising Section, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.774A).

REPORTS and other PUBLICATIONS

Great Britain and Ireland

An Open Letter to Lords, Commons and Press. By Lionel Curtis. Pp. 12. (Oxford: The Author, All Souls College.) [3011]

Abolition of Tuition Fees in Grant-Aided Secondary Schools. Pp. 16. (London: National Union of Teachers.) [3011]

British Coal Utilisation Research Association. The First Five Years: Report for the Period 1938-1942. Pp. 28. (London: British Coal Utilisation Research Association.) [3011]

Memorandum on Official Statistics. Pp. 22. (London: Royal Statistical Society.) [3011]

The Equilibrium Diagram of the System Aluminium-Zinc. By Dr. G. V. Raynor. (Annotated Equilibrium Diagram Series, No. 1.) Pp. 4. (London: Institute of Metals.) 6d. [3011]

University of Cambridge: Solar Physics Observatory. Report for the Year 1942 October 1 to 1943 September 30. Pp. 2. (Cambridge: Solar Physics Observatory.) [3011]

Proceedings of the Royal Society of Edinburgh. Section A (Mathematical and Physical Sciences.) Vol. 62, Part 1, No. 2: The Fundamental Concepts of Natural Philosophy. By Prof. E. A. Milne. Pp. 10-24. 1s. 3d. Vol. 62, Part 1, No. 3: On the Matrix Representation of Complex Symbols. By Dr. D. E. Rutherford. Pp. 25-27. 6d. Vol. 62, Part 1, No. 4: A Note on Karl Pearson's Selection Formulae. By D. N. Lawley. Pp. 28-30. 6d. Section B (Biology). Vol. 62, Part 1, No. 4: Meiosis in the Striped Hamster (*Cricetus griseus* Milne-Edw.) and the Problem of Heterochromatin in Mammalian Sex-Chromosomes. By Dr. G. Pontecorvo. Pp. 32-42. 1s. (Edinburgh and London: Oliver and Boyd.) [3011]

Ventilation and Heating, Lighting and Sealing. (Conditions for Industrial Health and Efficiency, Pamphlet No. 1, issued by the Industrial Health Research Board of the Medical Research Council.) Pp. 20. (London: H.M. Stationery Office.) 3d. net. [112]

Ministry of Health: Second Report of Nurses Salaries Committee. Salaries and Emoluments of Male Nurses, Public Health Nurses, District Nurses and State Registered Nurses in Nurseries. (Cmd. 6487.) Pp. 52. (London: H.M. Stationery Office.) 9d. net. [312]

City and Guilds of London Institute. Higher Technical Education

Pp. 12. (London: City and Guilds of London Institute.) [312]

Evolutionists under Fire. By Lieut.-Colonel L. M. Davies and Douglas Dewar. Pp. 20. (Edinburgh: Lieut.-Colonel L. M. Davies, 8 Garscube Terrace.) 3d. [612]

Communications of the Dublin Institute for Advanced Studies. Series A, No. 1: Quantum Electrodynamics. By Paul A. M. Dirac. Pp. 36. 2s. Series A, No. 2: The Combination of Relativity Theory and Quantum Theory. By Sir Arthur S. Eddington. Pp. 69. 3s. (Dublin: Dublin Institute for Advanced Studies.) [312]

Board of Education. Education Bill: Explanatory Memorandum by the President of the Board of Education. (Cmd. 6492.) Pp. 14. (London: H.M. Stationery Office.) 3d. net. [1712]

British Empire Cancer Campaign. Twentieth Annual Report, 1943. Edited by J. P. Lockhart-Mummery. Pp. 92. (London: British Empire Cancer Campaign.) [1712]

Training for Industrial Management. A Report of a Conference held in London, March 5th-7th, 1943. Pp. 96. (London: Institute of Industrial Administration.) 2s. 6d. [1712]

Other Countries

Bulletin of the Madras Government Museum. New Series, Natural History Section, Vol. 1, No. 2, Part 5: The Foraminifera of Krasadal Island (in the Gulf of Manaar). By Dr. C. P. Gnanamathu. Pp. 21+4 plates. (Madras: Government Press.) 1.6 rupees. [1211]

Forest Research in India and Burma, 1941-1942. Part 1: The Forest Research Institute. Pp. iv+151. (Dehra Dun: Forest Research Institute.) 1.4 rupees; 1s. 11d. [1511]

Bulletin of the Zoological Society of San Diego. No. 18: i. Tail-Length Differences in Snakes, with Notes on Sexual Dimorphism and the Coefficient of Divergence; ii. A Graphic Method of Showing Relationships. By L. M. Klauber. Pp. 76. (San Diego, Calif.: Zoological Society of San Diego.) [1811]

Smithsonian Institution. War Background Studies, No. 16: Island Peoples of the Western Pacific—Micronesia and Melanesia. By Herbert W. Krieger. (Publication 3737.) Pp. iv+104+21 plates. (Washington, D.C.: Smithsonian Institution.) [2311]

Decentralisation of University Education. By Dr. Edgar Booth. Pp. 16. (Armidale, N.S.W.: New England University College.) [2411]

University of Pennsylvania. The Electrical Conductivity of Lead Chromate: a Dissertation in Physics presented to the Faculty of the Graduate School in partial fulfillment of the requirements for the Degree of Doctor of Philosophy. By Theodore William Lashoff. Pp. 10. (Philadelphia: University of Pennsylvania.) [2610]

Bernice P. Bishop Museum. Special Publication 36: South Sea Lore. By Kenneth P. Emory. Pp. 75. (Honolulu: Bernice P. Bishop Museum.) [2611]

Dominion Observatory. Report for the Year ended 31st December 1942. (Dominion Observatory Bulletin No. R.28.) Pp. 2. (Wellington: Government Printer.) [3011]

Classified List of Smithsonian Publications available for Distribution, October 1, 1943. Compiled by Helen Munroe. (Publication 3736.) Pp. iv+48. (Washington, D.C.: Smithsonian Institution.) [3011]

Annals of the New York Academy of Sciences. Vol. 44, Art. 3: Parasitic Diseases and American Participation in the War. By Horace W. Stunkard, Lowell T. Coggleshall, Thomas T. Mackie, Robert Matheson and Norman R. Stoll. Pp. 189-262. (New York: New York Academy of Sciences.) [312]

Department of Public Instruction, Technical Education Branch, New South Wales. Technological Museum: Curator's Annual Report for the Year ended 31st December 1942. Pp. 6. (Sydney: Technological Museum.) [312]

Nyasaland Protectorate. Annual Report of the Forestry Department for the Year ended 31st December 1942. Pp. 16. (Zomba: Government Printer.) 1s. [712]

The Mosquito. (Educational Wallsheet No. 2.) 22½ in. x 17½ in. (Cape Town: The African Bookman.) [712]

Stanford University Publications: University Series. Biological Sciences, Vol. 9, No. 1: Biology, Ecology and Morphogenesis of a Pelagic Foraminifer. By Earl H. Myers. Pp. 30+4 plates. 4s. 6d. net. Geological Series, Vol. 3, No. 3: Eocene Foraminifera from the Type Lodo Formation, Fresno County, California. By Lois T. Martin. Pp. 91-126+plates 5-9. 4s. 6d. net. (Stanford University, Calif.: Stanford University Press; London: Oxford University Press.) [912]

Bulletin of the National Research Council. No. 107: Data on Chemicals for Ceramic Use; Formulas, Molecular Weights, Colors, Crystal Forms, Densities, Refractive Indices, Melting Points, Boiling Points, Transition Points, Decomposition Temperatures. Pp. 94. (Washington, D.C.: National Research Council.) 2.50 dollars. [1012]

Newfoundland: Department of Natural Resources. Game Laws. Pp. 66. (St. John's: Department of Natural Resources.) [1012]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 162: The Soil and Land-Use Survey of the Wakool Irrigation District, New South Wales. By R. Smith, R. I. Herriot and E. J. Johnston. Pp. 60. (Melbourne: Government Printer.) [1712]

The Commonwealth Fund. Publications, 1943. Pp. 32. (New York: The Commonwealth Fund.) [1712]

Bulletin of the American Museum of Natural History. Vol. 81, Art. 5: Bees of the Genus *Colletes* chiefly from Colorado. By P. H. Timberlake. Pp. 385-410. (New York: American Museum of Natural History.) [1712]

Science and the War. A Symposium presented at the seventy-fifth Anniversary Meeting of the Kansas Academy of Science, Lawrence, Kansas, April 10, 1943. Pp. 48. (Lawrence, Kansas: Kansas Academy of Science.) [1712]

U.S. Department of Agriculture. Farmers' Bulletin No. 1928: Mormon Crickets and their Control. By F. T. Cowan, H. J. Shipman and Claude Wakeland. Pp. ii+18. 10 cents. Technical Bulletin No. 853: Studies of Methyl Bromide in Greenhouse and Vault Fumigation. By Henry H. Richardson, A. C. Johnson, J. W. Bulger, A. H. Casanges and G. V. Johnson. Pp. 20. 5 cents. Technical Bulletin No. 855: The Beet Leafhopper and its Control on Beets Grown for Seed in Arizona and New Mexico. By Van E. Romney. Pp. 24. (Washington, D.C.: Government Printing Office.) [1712]