

Forthcoming Events

- FIFTH INTERNATIONAL CONGRESS FOR APPLIED MECHANICS, September 12-16, at the Massachusetts Institute of Technology, under the presidency of Prof. K. T. Compton.
- FARADAY SOCIETY. September 15-17.—General Discussion on Luminescence, in the Biochemical Laboratory, University of Oxford.

Appointments Vacant

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

A SENIOR PROFESSIONAL OFFICER (PHYSIOLOGY) and a SENIOR PROFESSIONAL OFFICER (BIOCHEMISTRY) in the Department of Agriculture and Forestry in the Union of South Africa.—The Secretary, High Commissioner for South Africa, South Africa House, Trafalgar Square, London (Application form Z.83, September 12).

KEEPER with knowledge of archaeology in the National Museum of Antiquities of Scotland.—The Secretary, Board of Trustees, Portrait Gallery Buildings, Edinburgh 2 (September 17).

LECTURER in the Department of Pharmacy and Biology at the Central Technical College, Suffolk Street, Birmingham 1.—The Principal (September 20).

PRINCIPAL of the Bengal Engineering College, Sibpur, near Calcutta.—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (September 23).

ASSISTANT III (adult male) on the staff for scientific research of the War Department.—The Superintendent, Air Defence Experimental Establishment, Biggin Hill, Kent (postcard, September 23).

AN ASSISTANT LECTURER IN BIOLOGY and a LECTURER IN PHYSICS in the University of Western Australia.—The Agent General for Western Australia, Savoy House, 115 Strand, London, W.C.2 (October 1).

A LECTURER IN PHYSICS and a PROFESSOR OF PHILOSOPHY in the University of Queensland.—The Agent-General for Queensland, London, or Universities Bureau, London, for conditions of appointment (Registrar of the University of Queensland, October 1 and 15 respectively).

THREE EUROPEAN ENGINEER SUB-LIEUTENANTS in the Royal Indian Navy.—The Secretary, Military Department, India Office, London, S.W.1 (October 15).

SENIOR RESEARCH ASSISTANT IN HIGHWAY ENGINEERING in the University of the Witwatersrand, Johannesburg.—The Secretary, High Commissioner for South Africa, South Africa House, Trafalgar Square, London, W.C.2 (October 17).

PROFESSOR OF ANATOMY in the University of Birmingham.—The Secretary (October 31).

LECTURER IN FORESTRY in the University of Aberdeen.—The Secretary (October 31).

CHEMICAL ASSISTANT in the laboratory of the Colne Valley Water Company, Aldenham Road, Watford, Herts—Chief Chemist (endorsed "Chemical Assistant").

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1799 (2913): Approximations to Functions and to the Solutions of Differential Equations. By Dr. R. A. Frazer, W. P. Jones and Sylvia W. Skan. Pp. 33. 4s. 6d. net. No. 1822 (3175): Relaxation Methods applied to a Spar of Varying Section, deflected by Transverse Loading combined with End Thrust or Tension. By R. J. Atkinson, K. N. E. Bradfield and R. V. Southwell. Pp. 33. 4s. 6d. net. No. 1826 (3283): Flight Tests on the Profile Drag of 14% and 25% Thick Wings. By J. E. Serby, M. B. Morgan and Dr. E. K. Cooper. Pp. 16+4 plates. 3s. 6d. net. (London: H. M. Stationery Office.) [198]

Department of Scientific and Industrial Research. Forest Products Research Records, No. 25: Machinery and Equipment used for Bending Wood. By W. C. Stevens. Pp. ii+13+2 plates. (London: H. M. Stationery Office.) 6d. net. [198]

North of Scotland College of Agriculture. Calendar, Session 1938-1939. Pp. viii+112. (Aberdeen: North of Scotland College of Agriculture.) [228]

Department of Scientific and Industrial Research. Report of the Forest Products Research Board; with the Report of the Director of Forest Products Research for the Year 1937. Pp. vi+87+10 plates. (London: H. M. Stationery Office.) 2s. net. [228]

Scottish Society for Research in Plant-Breeding. Report by the Director of Research to the Annual General Meeting, 21st July 1938. Pp. 32. (Edinburgh: Scottish Society for Research in Plant-Breeding.) [238]

Two Lectures on Practical Aspects of Absorption Spectrophotometry. By Dr. R. Alan Morton. Pp. 59. 2s. 6d. net. The Profession of Chemistry. By Richard B. Pilcher. Fourth edition. Pp. xii+108. 2s. 6d. net. Register of Fellows, Associates and Students, 1938. Pp. 477. 5s. net. London: Institute of Chemistry. [268]

Other Countries

Sudan Government: Agricultural Research Service. Report of the Government Chemist for the Year 1937. (Chemical Section, Publication No. 80.) Pp. 19. (Khartoum: Agricultural Research Service.) [178]

Botanical Museum Leaflets, Vol. 6, No. 6: A Remarkable Fossil Selaginella with Preserved Female Gametophytes. By William C. Darrah. Pp. 113-136. (Cambridge, Mass.: Harvard University.) [198]

U.S. Department of the Interior: Geological Survey. Bulletin 874-C: Geology and Fuel Resources of the Southern Part of the Oklahoma Coal Field. Part 3: The Quinton-Scipio District; Pittsburg, Haskell and Latimer Counties. By C. H. Dane, H. E. Rothrock and James Steele Williams. Pp. v+151-253+plates 12-26. 65 cents. Bulletin 886-D: Preliminary Report on the Alunite Deposits of the Marysvale Region, Utah. By Eugene Callaghan. (Contributions to Economic Geology, 1937.) Pp. iv+91-134+plate 13. 15 cents. Bulletin 888: Spirit Leveling in Vermont, 1896-1935. By J. G. Staack. Pp. ii+155+1 plate. 20 cents. Bulletin 895-C: Geophysical Abstracts 90, July-September 1937. Compiled by W. A. Yvazoglon. Pp. ii+93-136. 10 cents. Bulletin 899-A: Geologic Structure and Occurrence of Gas in Part of Southwestern New York. Part 1: Structure and Gas Possibilities of the Oriskany Sandstone in Steuben, Yates and parts of the Adjacent Counties. By W. H. Bradley and J. F. Pepper. Pp. iv+68+4 plates. 35 cents. Water-Supply Paper 796-F: Geology and Ground-Water Resources of the Valley of Gila River and San Simon Creek, Graham County, Arizona. By Maxwell M. Knechtel; with a Section on The Chemical Character of the Ground Water, by E. W. Lohr. (Contributions to the Hydrology of the United States, 1937.) Pp. iv+181-222+plates 45-53. 35 cents. (Washington, D.C.: Government Printing Office.) [198]

Survey of India. Geodetic Report, 1937. Pp. x+89+23 plates. (Dehra Dun: Survey of India.) 3 rupees; 5s. 3d. [228]

Royal Observatory, Hong Kong. Meteorological Results, 1937. Prepared under the direction of C. W. Jeffries. Pp. iv+148+36+8+8 plates. (Hong Kong: Government Printers.) 3 dollars. [228]

Annual Report of the Director of the Royal Observatory for the Year 1937. Pp. 8. (Hong Kong: Government Printers.) [228]

Department of Agriculture: Straits Settlements and Federated Malay States. Economic Series, No. 9: Malayan Agricultural Statistics, 1937. By D. H. Grist. Pp. xi+89+2 plates. (Kuala Lumpur: Department of Agriculture.) 1 dollar. [228]

Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. Vol. 41, Fasc. 4: Études sur la partie occidentale du Lac de Genève. 3: Constitution physique et chimique des sédiments du Lac de Genève. Par E. Joukowsky et J.-Ph. Buffe. Pp. 415-466+plates 14-20. (Genève: Georg et Cie.) 7 francs. [228]

Queen Victoria Memorial Library, Salisbury. Occasional Paper No. 1: A Rock Shelter on Nyazongo Mountain, Penhalonga District, Southern Rhodesia. By C. Martin. Technical Reports by Rev. Father P. Stapleton and L. H. Wells. Pp. 18. (Salisbury, S. Rhodesia: Queen Victoria Memorial Library.) 5s. [228]

Southern Rhodesia. Report of the Trustees and Director of the National Museum of Southern Rhodesia, for the Year ended 31st December 1936. Pp. 8+3 plates. Report of the Trustees and Director of the National Museum of Southern Rhodesia, Bulawayo, for the Year ended 31st December 1937. Pp. 10. (Salisbury: Government Stationery Office.) [228]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 35: The School Building Situation and Needs. By Alice Barrows. Pp. vi+62. 10 cents. Bulletin, 1938, No. 1: Educational Directory, 1938. Pp. iii+48+28+82+70. n.p. (Washington, D.C.: Government Printing Office.) [238]

Report and Accounts of the National Botanic Gardens of South Africa, Kirstenbosch, Newlands, Cape (and the Karoo Garden, Whitehill, near Matjiesfontein), for the Year ending 31st December 1937. Pp. 25. (Kirstenbosch: National Botanic Gardens of South Africa.) [268]

Societas Scientiarum Fennica. Commentationes Physico-Mathematicae, X, 4: Über die Ionisierungsspannungen der Elemente in verschiedenen Ionisierungszuständen. Von Eugenie Lisitzin. Pp. 121. (Helsingfors: Akademische Buchhandlung.) [268]

Parliament of the Commonwealth of Australia. Report by H. E. Wimperis on the Inauguration of Aeronautical Research in Australia, dated 21st December 1937. Pp. 17. (Canberra: Government Printer.) 1s. [298]

Department of Science and Agriculture, Jamaica. Bulletin No. 11: A Study of the Yields of Sugar Cane in Jamaica, 1935-1936. Report by H. H. Croucher. Pp. 39. Bulletin No. 13: Report on an Agricultural Survey in the Cayman Islands. By W. H. Edwards. Pp. 41+6 plates. Bulletin No. 14: Proceedings of the Summer Course of Lectures and Demonstrations, 1937. Pp. iii+83. Bulletin No. 15: Cercospora Leaf Spot of Bananas. By F. S. Ward. Pp. 7+6 plates. (Jamaica: Government Printing Office.) [298]

Bulletins of Indian Industrial Research. No. 12: The Manufacture of Soap in India. By A. K. Menon. Pp. ix+63+5 plates. (Delhi: Manager of Publications.) 1 rupee; 1s. 6d. [298]

Catalogues, etc.

Dunns Seed Wheats, 1938. Pp. 32. (Salisbury: Dunns Farm Seeds, Ltd.)

A Catalogue of Scientific Works, including books in Natural History, Zoology, Geology, Ornithology, Agriculture, Botany and Gardening, also Books and Periodicals on Mathematics and Physics from the Library of the late Dr. J. R. Airey. (No. 489.) Pp. 40. (Cambridge: Bowes and Bowes.)

Heparin B.D.H. Pp. 9. (London: The British Drug Houses, Ltd.)

Optical Utilities. Pp. 16. (London: W. Watson and Sons, Ltd.)