

Appointments Vacant

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

ASSISTANT CIVIL ENGINEER ADVISER to the Director of Ordnance Factories, India—The Secretary, Military Department, India Office, London, S.W.1, marking envelope "Ordnance Department" (June 12).

ASSISTANT WORKS MANAGER at the Cordite Factory, Aruvankadu, Madras—The Secretary, Military Department, India Office, London, S.W.1, marking envelope "Ordnance Department" (June 12).

ASSISTANT LECTURER IN GEOGRAPHY in the University of Sheffield—The Registrar (June 12).

WOMAN LABORATORY ASSISTANT at the Horton Malaria Laboratory, Horton Hospital, Epsom—The Director of Establishments, Ministry of Health, Whitehall, London, S.W.1 (June 13).

DEMONSTRATOR (man or woman) IN THE DEPARTMENT OF ZOOLOGY at Bedford College for Women, London, N.W.1—The Secretary (June 15).

ASSISTANTS (III) for compilation and analysis of statistical data in the Directorate of Scientific Research, Air Ministry—The Superintendent, Bawdsey Research Station, Bawdsey Manor, Woodbridge, Suffolk, quoting Ref. C.200 (June 16).

ASSISTANT LECTURER IN ZOOLOGY at Chelsea Polytechnic, London, S.W.3—The Principal (June 16).

HEAD OF THE PHYSICS DEPARTMENT in the Swansea Municipal Technical College—Director of Education, Guildhall, Swansea (June 16).

JUNIOR LECTURER IN CIVIL ENGINEERING in Queen's University, Belfast—The Secretary (June 17).

LECTURER IN THE DEPARTMENT OF PHYSICS, University College of Wales, Aberystwyth—The Registrar (June 17).

LECTURER IN MATHEMATICS in the County Mining and Technical School, Nuneaton—The Principal (June 17).

HEAD OF THE DEPARTMENT OF ENGINEERING AND BUILDING in the County Technical College, Guildford—The Principal (June 17).

LIVESTOCK OFFICER in the Ministry of Agriculture and Fisheries—The Secretary of the Ministry, 10 Whitehall Place, London, S.W.1 (June 19).

LECTURER IN METALLURGY in the Technical College, Bradford—The Director of Education, Town Hall, Bradford (June 21).

LECTURER IN ORGANIC CHEMISTRY in University College, Bangor—The Registrar (June 24).

HEAD OF THE PHARMACY DEPARTMENT of the Central Technical College, Birmingham—The Principal (June 24).

TUTOR (Geography) and a **TUTOR (Mathematics)** in the Gordon Memorial College, Khartoum—The Controller, Sudan Government London Office, Wellington House, Buckingham Gate, London, S.W.1 marked "Tutor (Geography)" or "Tutor (Mathematics)" respectively (June 25).

TWO RESEARCH OFFICERS (Farm Management and Agricultural Costing) in the Agricultural Economics Research Institute, Oxford—The Secretary of the Committee for Rural Economy, School of Rural Economy, Parks Road, Oxford (July 1).

UNIVERSITY PROFESSOR OF METALLURGY at the Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, W.C.1 (Jan. 31, 1940).

ASSISTANT ENGINEER (M/5731) for the Malayan Public Works Service and an **ASSISTANT ENGINEER (M/5765)** for the Drainage and Irrigation Department, Malaya—Crown Agents for the Colonies, 4 Millbank, London, S.W.1.

PROFESSOR OF MINING ENGINEERING and **PROFESSOR OF ORE DRESSING** in Laval University, Quebec City, Canada—The Secretary, Faculty of Science.

The Annual Report of the Oundle School Natural History Society. Pp. 38. (Oundle: Oundle School.) [195]

Department of Scientific and Industrial Research. The Investigation of Atmospheric Pollution. Report on Observations in the Year ended 31st March 1938: Twenty-fourth Report. Pp. v+117. 2s. net. General Deposit Tables for the Year ended 31st March 1938; Supplementary to the Twenty-fourth Report. Pp. ii+124. 4s. 6d. net. (London: H.M. Stationery Office.) [205]

Proceedings of the Royal Irish Academy. Vol. 45, Section B, No. 5: Reports from the Linnological Laboratory, 4: The Phytoplankton of the River Shannon and Lough Derg. By R. Southern and A. C. Gardiner. Pp. 89-124+plates 17-21. 3s. Vol. 45, Section B, No. 7: River Liffey Survey, 2: The Food consumed by the Brown Trout (*Salmo trutta* Linn.) in Acid and Alkaline Waters. By Winifred E. Frost. Pp. 139-206+plate 24. 3s. Vol. 45, Section B, No. 13: Larval Stages of the Euphausiid *Thysanopoda acutifrons* (Holt and Tattersall) taken off the South-west Coast of Ireland. By Winifred E. Frost. Pp. 301-319. 1s. 6d. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [225]

Other Countries

U.S. Department of the Interior: Office of Education. Vocational Division Bulletin No. 199 (Trade and Vocational Series No. 57): Vocational Training for Firemen. By Frank Cushman. Pp. v+36. (Washington, D.C.: Government Printing Office.) 10 cents. [165]

Journées Internationales de Chronométrie et de Métrologie, Paris, Juillet 1937. Procès-verbaux et mémoires recueillis par René Baillaud et Pierre Nicolau. Pp. 740. (Paris: Editions de la Revue d'Optique théorique et instrumentale.) [185]

Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series B, No. 26: A Dial Reading Apparatus for the Determination of Fibre Strength. By S. S. Sukthanker, Dr. N. Ahmad and H. Navkal. Pp. 16. 1 rupee. Technological Bulletin, Series B, No. 27: The Determination of the Swollen Diameter of Cotton Fibres—Effect of Size of Sample on the Significance and Reliability of the Results. By R. S. Koshal and Dr. N. Ahmad. Pp. 12. 8 annas. (Bombay: Indian Central Cotton Committee.) [185]

Proceedings of the U.S. National Museum. Vol. 86, No. 3054: Two New Ophiurans from the Smithsonian-Hartford Expedition, 1937. By Hubert Lyman Clark. Pp. 415-418+1 plate. Vol. 86, No. 3055: New Species of Flatworms from North, Central and South America. By Libbie H. Hyman. Pp. 419-440. Vol. 86, No. 3056: Echinoderms of the Smithsonian-Hartford Expedition, 1937, with other West Indian Records. By Austin H. Clark. Pp. 441-456. (Washington, D.C.: Government Printing Office.) [195]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 13: Economic Status of Rural Teachers. By Walter H. Gaumnitz. (Project of Research in Universities.) Pp. viii+56. (Washington, D.C.: Government Printing Office.) 10 cents. [195]

Memoirs of the Geological Survey of India. Palaeontology India, New Series, Vol. 27, Memoir No. 1: The Mesozoic Brachiopoda of the Banmu District. By Dr. M. R. Sahni. Pp. iv+26+2 plates. (Calcutta: Geological Survey of India.) 1.6 rupees; 2s. [225]

Publications of the Dominion Observatory, Ottawa. Vol. 12: Bibliography of Seismology. No. 20: Items 4139-4259, October, November, December 1938. By Ernest A. Hodgson. Pp. 405-426. (Ottawa: King's Printer.) 25 cents. [225]

Mitteilungen der Naturforschenden Gesellschaft Bern aus dem Jahre 1938. Pp. lix+178. (Bern: Paul Haupt.) [225]

Nigeria. Annual Report on the Forest Administration of Nigeria for the Year 1937. Pp. 46. (Lagos: Government Printer; London: Crown Agents for the Colonies.) 4s. [225]

Punjab Irrigation Research Institute. Research Publication, Vol. 4, No. 10: Dispersion and Stability of Soil Colloids in Water, Part 1: Auto-Disintegration. By Dr. Amar Nath Puri and Manohar Lal. Pp. 8+7 plates. 7 annas; 8d. Research Publication, Vol. 4, No. 11: Dispersion and Stability of Soil Colloids in Water, Part 2: Ultra-Clay and the Efficiency of Dispersion Methods. By Dr. Amar Nath Puri, B. R. Puri and Manohar Lal. Pp. 9. 4 annas; 5d. Research Publication, Vol. 4, No. 12: The Sodium Carbonate Method of Lining Canals and Water-Courses for preventing Seepage Losses. By Dr. Amar Nath Puri. Pp. 11+4 plates. 4 annas; 5d. Research Publication, Vol. 5, No. 8: The Development of the Electrical Analogy to Problems of Flow of Water in Sub-Soil, with Special Reference to the Design of Weirs and similar Structures. By Gurdas Ram and Dr. V. I. Vaidianathan. Pp. 44+88 plates. 1.10 rupees; 2s. 6d. Research Publication, Vol. 5, No. 9: On the Transmission Constant of Water in Subsoil Sands. By Chanan Singh, Hans Raj Luthra and Dr. V. I. Vaidianathan. Pp. 7+9 plates. 7 annas; 8d. (Lahore: Punjab Irrigation Research Institute.) [225]

Catalogues, etc.

Die Askania-Warte. Jahrgang 4, Nr. 17, Mai-Juni 1939. Pp. 49-72. (Berlin-Friedenau: Askania-Werke A.G.)

Solar Telescope at Oxford University Observatory. (Reprinted from *Engineering*, March 10 and 24, 1939.) (Publication No. 13.) Pp. 16+1 plate. (Newcastle-upon-Tyne: Sir Howard Grubb, Parsons and Co.)

Catalogue of Books on the Subjects of Geology, Palaeontology, Conchology, Entomology, Ornithology, etc. (No. 279.) Pp. 16. (London: Dulau and Co., Ltd.)

Botanik: Zeitschriften, Bücher, Monographien. (Antiquariats-Katalog Nr. 56.) Pp. 232. (Leipzig: Karl Max Poppe.)

Mobile Pumping Units for Vacuum or Pressure. (Mob. 1.) Pp. 4. (London: W. Edwards and Co.)

Deutsche Landes- und Ortsgeschichte; Genealogie und Heraldik. (Antiquariatskatalog Nr. 732.) Pp. 322. (Leipzig: Buchhandlung Gustav Fock, G.m.b.H.)

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Patents, Designs and Trade Marks. Fifty-sixth Report of the Comptroller-General of Patents, Designs and Trade Marks, with Appendices, for the Year 1938. Pp. 26. (London: H.M. Stationery Office.) 6d. net. [175]

South Pacific Ocean Currents. Published by authority of the Meteorological Committee and prepared in the Marine Division of the Meteorological Office under the supervision of Capt. L. A. Brooke Smith. (M.O. 435.) Pp. 10. 35 in. x 24 in. (London: H.M. Stationery Office.) 7s. 6d. net. [175]

How to Banish Hay Fever. By William Gilbert Orr. Pp. 32. (London: Orzone (London), Ltd.) 1s. [185]

Scottish Education Department. Report on the Royal Scottish Museum, Edinburgh, for the Year 1938. Pp. 22. (Edinburgh and London: H.M. Stationery Office.) 4d. net. [185]

British Trust for Ornithology. Fifth Report, Spring 1939. Pp. 36. (London: British Trust for Ornithology, c/o Zoological Society of London.) [185]

King's College: Dove Marine Laboratory. Report for the Year ending July 31, 1938. (Third Series, No. 6.) Pp. 45. (Cullercoats: Dove Marine Laboratory.) 5s. [185]

The Scientific Journal of the Royal College of Science. Vol. 9: containing Papers read during the Session 1938-1939 before the Imperial College Chemical Society, the Royal College of Science Natural History Society, the Royal College of Science Mathematical and Physical Society. Pp. 137. (London: Edward Arnold and Co.) 7s. 6d. [195]