

Appointments Vacant

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

DEMONSTRATOR IN BACTERIOLOGY at King's College, Newcastle-upon-Tyne (University of Durham)—The Registrar (October 1).

POULTRY PATHOLOGIST in the Agricultural Advisory Centre, University of Bristol—The Registrar (October 6).

CHEMIST-IN-CHARGE and **CHEMISTS** at the Royal Ordnance Factory, Irvine, Ayrshire—The Under-Secretary of State (C.S.), The War Office, London, S.W.1 (October 7).

DIRECTOR of the Imperial Veterinary Research Institute, at Muktesar, United Provinces, India—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (October 7).

LECTURER IN PHYSIOLOGY AND HYGIENE in the University of Leeds—The Registrar (October 8).

ASSISTANT LECTURER IN PHYSICS in the University of Sheffield—The Registrar (October 10).

DIRECTOR OF DAIRY RESEARCH in India—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (October 10).

Two appointments in the **MECHANICAL ENGINEERING AND TRANSPORTATION (POWER) DEPARTMENT** of the Indian State Railways—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (October 14).

A PROFESSOR OF MALARIOLOGY AND RURAL HYGIENE and **A PROFESSOR OF VITAL STATISTICS AND EPIDEMIOLOGY** in the All-India Institute of Hygiene and Public Health, Calcutta—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (October 21).

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Department of Scientific and Industrial Research. Report of the Food Investigation Board for the Year 1937. Pp. v+266. (London: H.M. Stationery Office.) 4s. net. [29]

Mines Department. Sixteenth Annual Report of the Safety in Mines Research Board, including a Report of Matters dealt with by the Health Advisory Committee, 1937. Pp. 136+15 plates. (London: H.M. Stationery Office.) 2s. net. [59]

Milk and Nutrition: New Experiments reported to the Milk Nutrition Committee. Part 3: The Effect of Commercial Pasteurisation on the Nutritive Value of Milk as determined by Experiments on Calves. Pp. 27. (Reading: National Institute for Research in Dairying.) 2s. [79]

Ministry of Health. Memorandum on Smallpox. (Memo. 215 Med.) Pp. 8. (London: H.M. Stationery Office.) 2d. net. [89]

Proceedings of the Royal Society of Edinburgh, Session 1937-1938. Vol. 58, Part 2, No. 12: Green's Function for an Ellipse, and its Application to the Motion of a Point Vortex. By Dr. D. Mekryn. Pp. 176-180. 6d. Vol. 58, Part 2, No. 13: The Brackish-water Lochs of Orkney. By Dr. Edith A. T. Nicol. Pp. 181-191. 1s. Transactions of the Royal Society of Edinburgh. Vol. 59, Part 2, No. 13: Differential Fertility in Scotland, 1911-1931. Part 1. By Dr. Enid Charles. Pp. 371-383. 1s. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) [99]

Ministry of Agriculture and Fisheries. Agricultural Statistics, 1937. Vol. 72, Part 1: Acreage and Production of Crops, Number of Live Stock and of Agricultural Workers, and Output and Prices of Agricultural Produce in England and Wales. Pp. 109. (London: H.M. Stationery Office.) 1s. 6d. net. [129]

Department of Scientific and Industrial Research. Deterioration of Structures in Sea-Water. Seventeenth (Interim) Report of the Committee of the Institution of Civil Engineers. Pp. iv+33. (London: H.M. Stationery Office.) 9d. net. [129]

Other Countries

Cornell University: Agricultural Experiment Station. Bulletin 686: An Economic Study of the Costs of Selling and Delivering Milk in the New York Market. By Charles Blanford. Pp. 60. Bulletin 687: Study of Artificial Incubation of Game Birds. 3: Effect of Air Movement on the Incubation of Pheasant and Quail Eggs; 4: Interrelation of Temperature, Humidity and Air Movement in the Incubation of Pheasant and Quail Eggs. By Alexis L. Romanoff. Pp. 30. Bulletin 688: Effect of Changes in Milk and Feed Prices and in other Factors upon Milk Production in New York. By Merton S. Parsons. Pp. 68. Bulletin 689: An Economic Study of Land Utilization in Clinton County, New York. By O. H. White. Pp. 52. Bulletin 691: Experiments in the Fattening of Lambs. By John P. Willman and F. B. Morrison. Pp. 28. Bulletin 693: Agricultural Production in New York, 1866 to 1937. By T. E. La Mont. Pp. 34. Bulletin 694: Early-cut, Nitrogen-fertilized Timothy Hay as compared with Alfalfa Hay for Feeding Dairy Cows. By G. W. Salisbury and F. B. Morrison. Pp. 30. Bulletin 695: The Membership of Farmers in New York Organizations. By W. A. Anderson. Pp. 28. (Ithaca, N.Y.: Cornell University.) [19]

New Zealand: State Forest Service. Annual Report of the Director of Forestry for the Year ended 31st March 1938. Pp. 28. Bulletin No. 9: A Synopsis of Forest Fungi of Significance in New Zealand. By T. T. C. Birch. Pp. 17. (Wellington: Government Printer.) [29]

Canada: Department of Mines and Resources: Mines and Geology Branch, Bureau of Mines. Comparative Pulverized Fuel Boiler Tests on British Columbia and Alberta Coals and on Ontario Lignite. By C. E. Baltzer and E. S. Malloch. (No. 790.) Pp. ii+54. (Ottawa: King's Printer.) 25 cents. [29]

Mémoires du Musée Royal d'Histoire Naturelle de Belgique. No. 82: Hydrobiologie piscicole du Bassin Moyen de la Lesse (Ardennes Belges). Par Marcel Huet. Pp. 128+4 plates. No. 83: Le Couvénien de l'Ardenne et ses faunes. Par Eug. Maillieux. Pp. 58+2 plates. No. 84: La faune des Couches de passage du Dinantien au Namurien dans le synclinorium de Dinant. Par Prof. F. Demanet. Pp. 201+14 plates. Deuxième Série, Fasc. 13: The Atlantic and Gulf Coast Tertiary Pectinidae of the United States. Section 3: Systematic Descriptions. By Dr. H. I. Tucker-Rowland. Pp. 76+6 plates. Hors Série: Résultats scientifiques du Voyage aux Indes orientales Néerlandaises de LL. AA. RR. le Prince et la Princesse Léopold de Belgique. Publiés par V. Van Straelen. Vol. 2, Fasc. 19: Prosobranchia et Opisthobranchia. Par W. Adam et E. Leloup. Pp. 209+8 plates. Vol. 3, Fasc. 18: Astéries et Ophiures. Par H. Engel. Pp. 31+4 plates. (Bruxelles: Musée Royal d'Histoire Naturelle.) [59]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 19: A Preliminary Annotated List of Fruit Pests of the North-West Frontier Province. By Dr. Hem Singh Pruthi and H. N. Batra. Pp. 18. 1 rupee; 1s. 9d. Miscellaneous Publication No. 20: Report on an Enquiry into the Cultivation of Cloves in India. By A. K. Yegna Narayan Aiyer. Pp. ix+75+3 plates. 2.4 rupees; 3s. 9d. (Delhi: Manager of Publications.) [59]

Government of India Industrial Research Bureau. Report for the Year 1937-38. Pp. iv+38+3 plates. (Delhi: Manager of Publications.) [59]

Department of Agriculture of South Australia. Bulletin No. 333: Vegetation Types associated with Plague "Grasshoppers" in South Australia. By H. G. Andrewartha, Dr. J. Davidson and D. C. Swan. Pp. 47. (Adelaide: Government Printer.) [59]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 118: A Soil Survey of the Horticultural Soils in the Murrumbidgee Irrigation Areas, New South Wales. By J. K. Taylor and P. D. Hooper. Pp. 108. (Melbourne: Government Printer.) [59]

Crohamburst Observatory. Eighth Observatory Paper: The Climate of Australia during the Hypothetical Jovian Sunspot Period 1901-1913, together with the Monthly and Annual Rainfall Observations at Selected Stations during that Period, and some Comments on the Evidences of Cyclical Reproduction of the Weather and the Immediate and other Effects of Sunspot Changes. Pp. 94. Report of the Crohamburst Observatory for the Year ending 30th June 1938. Pp. 5. (Crohamburst, Qd.: Crohamburst Observatory.) [59]

Smithsonian Miscellaneous Collections. Vol. 97, No. 6: Evolution of the Annelida, Onychophora and Arthropoda. By R. E. Snodgrass. (Publication 3483.) Pp. 159. (Washington, D.C.: Smithsonian Institution.) [69]

Det Kgl. Danske Videnskabernes Selskab. The Eyak Indians of the Copper River Delta, Alaska. By Kaj Birket-Smith and Frederica de Laguna. Pp. 592+18 plates. (København: Levin and Munksgaard.) [79]

Geological Survey of British Guiana. Bulletin No. 7: Report on a Geological Reconnaissance Survey of part of the North-West District. By S. Bracewell. With an Appendix containing a Report on the Geology of the Aruka District, by W. T. Lord. Pp. iv+37. 24 cents. Report No. 9: Report of an Area between Quartzstone Head, Aremu Mine and the Purumi River near Peters Mine. By D. W. Bishop. Pp. ii+20. 12 cents. (Georgetown: Geological Survey.) [79]

League of Nations: Economic Committee. Preliminary Investigation into Measures of a National or International Character for Raising the Standard of Living. Memorandum by N. F. Hall. (Official No.: A. 18. 1938. II.B.) Pp. 91. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 2s. [79]

Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. 90. The Phloxes of Oregon. By Edgar T. Wherry. Pp. 133-140. (Philadelphia: Academy of Natural Sciences.) [99]

Royal Observatory, Hong Kong. Magnetic Results, 1937. Prepared under the direction of C. W. Jeffries. Pp. 51+2 plates. (Hong Kong: Royal Observatory.) 1 dollar. [129]

League of Nations: International Committee on Intellectual Co-operation. Report by Prof. G. de Reynold on the Work of the Twentieth Plenary Session of the Committee. (Official No.: C.253. M.150.1938.XII.) Pp. 53. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 2s. [129]

League of Nations: Advisory Committee on Traffic in Opium and other Dangerous Drugs. Report to the Council on the Work of the Twenty-third Session, held at Geneva from June 7th to 24th, 1938. (Official No.: C.237.M.136.1938.XI.) Pp. 41. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 1s. 6d. [129]

Summary Proceedings of the Thirty-sixth Meeting of the Indian Central Cotton Committee, Bombay, held on the 25th and 26th January 1938. Pp. 99. (Bombay: Indian Central Cotton Committee.) 1 rupee. [129]

Ceylon. Part 4: Education, Science and Art (G.). Administration Report of the Acting Marine Biologist for the Year 1937. By P. E. P. Deraniyagala. Pp. G.16. (Colombo: Government Record Office.) 20 cents. [129]

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions. Vol. 108, Part 1: Contributions to Special Scientific Meetings, 1938. Pp. xv+114. 5.00 kr. Vol. 108, Part 2: Light Measurements. Pp. 21. 1.00 kr. Vol. 108, Part 3: Salmon Migrations. Pp. 35. 1.50 kr. (Copenhagen: Andr. Fred. Høst et fils.) [129]

Lucknow University Studies. No. 2: Recent Advances in Indian Palaeobotany. By Prof. B. Sahnii. Pp. viii+102. (Lucknow: Lucknow University.) [129]