

## Appointments Vacant

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

TWO UNIVERSITY DEMONSTRATORS IN ENGINEERING in the University of Cambridge—Secretary of the Appointments Committee, Engineering Laboratory, Cambridge (July 17).

DEMONSTRATOR IN CHEMISTRY in King's College, London—The Secretary (July 20).

LECTURER IN PHYSICS (subsidiary mathematics) in the North Staffordshire Technical College, Stoke-on-Trent—The Clerk to the Governors, Education Offices, Town Hall, Hanley, Stoke-on-Trent (July 22).

DEMONSTRATOR IN ELECTRICAL ENGINEERING in the Military College of Science, Woolwich, S.E.18—The Commandant (July 30).

A FIELD GEOLOGIST for the Iraq Government—The Royal Iraqi Legation, 22 Queen's Gate, London, S.W.7 (July 31).

LECTURER IN HUMAN EMBRYOLOGY AND HISTOLOGY in the University of Glasgow—The Secretary (August 6).

DIETICIAN OR NUTRITIONIST for the Board of Education—The Secretary, Board of Education, Whitehall, S.W.1 (August 7).

ASSISTANT at the Royal Observatory, Greenwich—The Secretary of the Admiralty (C.E. Branch), Whitehall, London, S.W.1 (August 7).

MUSEUM ASSISTANT in the Woolwich Borough Museum—The Town Clerk, Town Hall, Woolwich, S.E.18 (August 31).

CURATOR of the University Museum of Archaeology and Ethnology in the University of Cambridge—The Registrar (October 1).

FOULERTON RESEARCH FELLOWS IN MEDICINE of the Royal Society—The Assistant Secretary, The Royal Society, Burlington House, W.1 (October 16).

ESTABLISHED CIVIL ENGINEERING ASSISTANTS and an ASSISTANT ENGINEER in the Roads Department of the Ministry of Transport—The Establishment Officer, Ministry of Transport, Metropole Buildings, Northumberland Avenue, W.C.2.

TEACHING SCHOLAR in the Department of Zoology, University of Birmingham—The Secretary.

## Official Publications Received

### Great Britain and Ireland

Department of Scientific and Industrial Research. Forest Products Research Records, No. 17 (Wood Preservation Series, No. 3): Wood Preservatives. By N. A. Richardson. Pp. iii+13. (London: H.M. Stationery Office.) 6d. net. [36]

Royal Meteorological Society. Bibliography of Meteorological Literature. Prepared by the Royal Meteorological Society with the Collaboration of the Meteorological Office. Vol. 4, No. 2 (July–December 1936). Pp. ii+55–116. (London: Royal Meteorological Society.) 2s. 6d. [36]

Peace Year Book 1937. Pp. 418. (London: National Peace Council.) 2s. [36]

The Lister Institute of Preventive Medicine. Report of the Governing Body, 1937. Pp. 28. (London: Lister Institute.) [46]

Home Office, Ministry of Health and Scottish Office. Interim Report of the Inter-Departmental Committee on the Rehabilitation of Persons injured by Accidents. Pp. 20. (London: H.M. Stationery Office.) 4d. net. [46]

British Polar Year Expedition, Fort Rae, N.W. Canada, 1932–33. (Published under the direction of the British National Committee for the Polar Year, The Royal Society, Burlington House, London.) Vol. 1: Discussion of Results; Meteorology, Terrestrial Magnetism and Aurora, Atmospheric Electricity. Pp. xv+336+5 plates. Vol. 2: Tables; Meteorology, Terrestrial Magnetism, Atmospheric Electricity. Pp. ix+228. (London: Percy Lund, Humphries and Co., Ltd.) [46]

Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read at the Annual Visitation of the Royal Observatory, 1937 June 5. Pp. 38. (Greenwich: Royal Observatory.) [76]

Transactions of the Royal Society of Edinburgh. Vol. 59, Part 1, No. 4: The Structure and Function of the Alimentary Canal of some Species of Polyplocophora (Mollusca). By Dr. Vera Fretter. Pp. 119–164. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) 5s. 9d. [76]

Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 47: Studies on the Ultimate Composition of Biological Material. Part 2: Spectrographic Analyses of Marine Invertebrates, with Special Reference to the Chemical Composition of their Environment. By D. A. Webb. Pp. 505–539. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) 3s. [76]

Board of Education: Science Museum. Report of the Advisory Council for the Year 1936. Pp. 51+6 plates. (London: H.M. Stationery Office.) 1s. 3d. net. [86]

Technical Publications of the International Tin Research and Development Council. Series A, No. 53: The Effect of Cold-Work and Annealing on the Hardness of some Tin—Antimony, Tin—Antimony—Copper, and Tin—Antimony—Silver Alloys. By R. E. Leyman. Pp. 18+2 plates. London: International Tin Research and Development Council.) Free. [96]

Royal Observatory, Edinburgh. Forty-seventh Annual Report of the Astronomer Royal for Scotland, 1936. Pp. 8. (Edinburgh and London: H.M. Stationery Office.) 2d. net. [96]

### Other Countries

Memoirs of the Peabody Museum of Natural History. Vol. 3, Part 4: The Merycoidodontidae, an Extinct Group of Ruminant Mammals. By Malcolm Rutherford Thorpe. Pp. xxi+428 (50 plates). (New Haven, Conn.: Peabody Museum of Natural History.) 7 dollars. [156]

Colony of Mauritius. R.A. Observatory Publications, No. 18: The Atmospheric Pressure at Mauritius; being a Survey and Discussion of Fifty-six Years' Observations made at the Royal Alfred Observatory. By M. Herchenroder. Pp. 21+12 tables. (Port Louis: Government Printer.) [156]

Melbourne Observatory. Hourly Values of the Magnetic Elements at Toolangi, in 1932 and 1933. Observed and reduced under the direction of Dr. J. M. Baldwin. Pp. vi+73. (Melbourne: Government Printer.) [166]

Report of the Aeronautical Research Institute, Tōkyō Imperial University. No. 149: On the Natural Vibration of Semi-Cantilever Beam with one End Fixed or Pin-jointed. By Mineo Yamamoto and Ziro Suzuki. Pp. 319–336. 30 sen. No. 150: On the Characteristics of Microphones. Part 2: The Directional Characteristic. By Kōzi Satō Heizi Kawai, Keiichi Kubo and Rinzi Tate. Pp. 337–348+4 plates. 45 sen. (Tōkyō: Kōgyō Toshō Kabushiki Kaisha.) [176]

Bulletin of the American Museum of Natural History. Vol. 73, Art. 4: Results of the Archbold Expeditions. 16: Some Marsupials of New Guinea and Celebes. By G. H. H. Tate and Richard Archbold. Pp. 331–476. Vol. 73, Art. 5: Anatomy of the Head and Pelvic Fin of the Whale Shark, Rhineodon. By Robert H. Denison. Pp. 477–515. (New York: American Museum of Natural History.) [186]

Proceedings of the United States National Museum. Vol. 84, No. 3006: Crested Millipeds of the Family Lysioptelidæ in North America, with Descriptions of New Genera and Species. By H. F. Loomis. Pp. 97–136. (Washington, D.C.: Government Printing Office.) [186]

Division of Fish and Game of California: Bureau of Commercial Fisheries. Fish Bulletin No. 49: The Commercial Fish Catch of California for the Year 1935. Pp. 170. (Terminal Island, Calif.: California State Fisheries Laboratory.) [186]

New York Zoological Society. Report of the Director of the Aquarium. Pp. 20. (New York: New York Zoological Society.) [216]

Geological Series of Field Museum of Natural History. Vol. 6, No. 17: Mounted Skeleton of Homalodotherium. By Elmer S. Riggs. Pp. 233–244. 15 cents. Vol. 7, No. 1: The Grinnell Ice-Cap. By Sharat K. Roy. Pp. 20. 25 cents. Vol. 7, No. 2: The History and Petrography of Frobisher's "Gold Ore". By Sharat K. Roy. Pp. 21–38. 20 cents. (Chicago: Field Museum of Natural History.) [216]

Proceedings of the California Academy of Sciences, Fourth Series. Vol. 23, No. 8: The Fishes of the Beni-Mamoré and Paraguayan Basins, and a Discussion of the Origin of the Paraguayan Fauna. By Nathan E. Pearson. Pp. 99–114. (San Francisco: California Academy of Sciences.) [216]

Straits Settlements. Annual Report of the Director of Gardens for the Year 1936. By R. E. Holtum. Pp. 18. (Singapore: Government Printing Office.) 1 dollar; 2s. 4d. [216]

Society of Biological Chemists, India. Annual Review of Biochemical and Allied Research in India. Vol. 7, 1936. Pp. 165. (Bangalore: Society of Biological Chemists.) 2 rupees; 3s. [216]

Bernice P. Bishop Museum. Special Publication 27: Canoes of Oceania. By A. C. Haddon and James Hornell. Vol. 1: The Canoes of Polynesia, Fiji and Micronesia. By James Hornell. Pp. ix+454. (Honolulu: Bernice P. Bishop Museum.) [216]

Newfoundland: Department of Natural Resources, Division of Fishery Research. Vol. 2, No. 5: Annual Report of Fishery Research Laboratory, 1935. Pp. 95. (St. John's: Department of Natural Resources.) 75 cents. [216]

Sborník vysoké školy zemědělské v Brně. Sign. C92: Příspěvek k organogenezi střeva u prasete (Contribution à l'organogénèse de l'intestin du porc). Napsal Dr. Antonín Piša. Pp. 16. Sign. D23: Třetí příspěvek k poznání půdní zvěřeny; metamorfosa Lycoridů z půd lesních (Troisième notice à la connaissance de la faune dy sol; métamorphose de quelques Lycoridés du sol des forêts). Napsal Dr. Josef Kratochvíl. Pp. 46+3 plates. Sign. D24: Příspěvek k studiu biologické obrany proti lesním škůdum (Contribution à l'étude de la défense biologique contre les ravageurs des forêts). Napsal Dr. Jácenťkooský. Pp. 54. (Brno: A. Piša.) [226]

U.S. Department of Agriculture. Circular No. 428: Flight Speed of Birds. By May Thacher Cooke. Pp. 14. 5 cents. Circular No. 429: The Rhododendron Whitefly and its Control. By Randall Latta. Pp. 8. 5 cents. Circular No. 440: The Tomato Pinworm. By J. C. Elmore. Pp. 8. 5 cents. Miscellaneous Publication No. 259: Comparison of various Chemical Quick Tests on Different Soils. By M. S. Anderson and W. M. Noble. Pp. 24. 5 cents. Technical Bulletin No. 543: Blast-Furnace Processes for the Production of Phosphate and Potassic Fertiliser Materials. By P. H. Royster, K. G. Clark, T. P. Hignett, L. E. Bowe, H. I. Lansdon, J. C. Southard and J. W. Turrentine. Pp. 75. 10 cents. (Washington, D.C.: Government Printing Office.) [236]

### Catalogues, etc.

Annotated Catalogue of Works on Exact Science. (Sothoran's Price Current of Literature, No. 851.) Pp. 132. (London: Henry Sothoran, Ltd.)

Antostab: a New Gonadotropic Follicle-stimulating Hormone. Pp. vii+8. (Nottingham: Boots Pure Drug Co., Ltd.)

Natural History: Conchology, Entomology, Ornithology, Zoology and Sport, also Old Prints of Birds. (Catalogue No. 260.) Pp. 24. (London: Dulau and Co., Ltd.)

B.D.H. Standard Stains specially prepared for Bacteriological, Histological and Pathological Work, with some General Notes upon the use of B.D.H. Solid and Liquid Stains. Pp. 28. (London: The British Drug Houses, Ltd.)