

Appointments Vacant

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

ASSISTANT LECTURER IN ZOOLOGY in the University College of North Wales, Bangor—The Registrar (August 7).

TEACHER OF ENGINEERING in the Oxford Schools of Technology, Art and Commerce—The Chief Education Officer, City Education Office, 77, George Street, Oxford (August 14).

LECTURER IN MECHANICAL ENGINEERING in the Coventry Technical College—The Director of Education, Council House, Coventry (August 23).

JUNIOR METALLURGIST for the British Non-Ferrous Metals Research Association—The Secretary, Regnart Buildings, Euston Street, N.W.1.

Official Publications Received

Great Britain and Ireland

Report on the Progress of the Discovery Committee's Investigations. Pp. 52+11 plates. (London: Colonial Office.) 3s. 6d. net. [116]

Department of Scientific and Industrial Research. Report of the Road Research Board, with the Report of the Director of Road Research, for the Year ended 31st March 1936. Pp. viii+136+9 plates. (London: H.M. Stationery Office.) 2s. 6d. net. [146]

Forestry Commission. Bulletin No. 18: Spring Frosts, with Special Reference to the Frosts of May 1935. Pp. 131+12 plates. (London: H.M. Stationery Office.) 2s. 6d. net. [146]

Carnegie United Kingdom Trust. Twenty-third Annual Report, January-December 1936, approved by the Trustees at their General Meeting held on Friday, March 5th, 1937. Pp. vi+105+18 plates. (Dunfermline: Carnegie United Kingdom Trust.) [146]

Nutrition and Health. (Gabrielle Howard Memorial Lecture.) By Sir Robert McCarrison. Pp. 26. (London and Ashford: Headley Bros.) 6 copies, 1s. [156]

University of Oxford: Committee for Advanced Studies. Abstracts of Dissertations for the Degree of Doctor of Philosophy. Vol. 9 (Dissertations accepted during 1936). Pp. v+272. (Oxford: Clarendon Press; London: Oxford University Press.) 3s. net. [156]

The Animal Year Book. Vol. 4. Edited by Dr. H. E. Bargmann. Pp. vi+174+10 plates. (London: University of London Animal Welfare Society.) 2s. 6d. [186]

Secondary School Examinations and the Curricula of Secondary Schools, with Suggestions for Reform. An Address delivered to the Higher Education Meeting at the Portsmouth Conference of the N.U.T., 1937, by Sir Philip Hartog. Pp. 34. (London: National Union of Teachers.) Free. [166]

Proceedings of the Royal Society of Edinburgh, Session 1936-1937. Vol. 57, Part 2, No. 14: The Genetical and Mechanical Properties of Sex Chromosomes. 3: Man. By Dr. P. C. Koller. Pp. 194-214+2 plates. 2s. 3d. Vol. 57, Part 3, Nos. 15, 16: Quantitative Evolution. 2: Composite Dp-ages in relation to Time; 3: Dp-ages of Gramineae. By Prof. James Small. Pp. 215-227. 1s. Vol. 57, Part 3, No. 17: Tests for Randomness in a Series of Numerical Observations. By Dr. W. O. Kermack and Lieut.-Col. A. G. McKendrick. Pp. 228-240. 1s. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) [186]

List of 16 mm. Science Films. Pp. 26. 4d. List of 16 mm. Geography Teaching and Travel Films. Pp. 33. 6d. List of 16 mm. History Films. Pp. 6. Free. Supplementary Catalogue of British Medical Films of Technical Interest to Medical Practitioners and Students, Jan. 1936-Jan. 1937. Pp. 16. 6d. (London: British Film Institute.) [17]

Technical Publications of the International Tin Research and Development Council. Series B, No. 4: The Decoration of Tinplate by Printing and Varnishing. By W. E. Hoare. Pp. 24+3 plates. (London: International Tin Research and Development Council.) Free. [27]

Rubber Growers' Association. Rubber and Agriculture Series, Bulletin No. 7: Modern Equipment for the Poultry Farm. By Alexander Hay and D. F. C. Vosper. Pp. ii+14. (London: Rubber Growers' Association.) Free. [27]

Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 48: Report of the Irish Radium Committee for the Year 1936; including Reports from St. Anne's Hospital, Dublin, and by Oliver Chance and Oswald J. Murphy. Pp. 541-555. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s. [57]

Board of Education. Educational Pamphlets, No. 109: Physical Education in Germany. Pp. 80. (London: H.M. Stationery Office.) 1s. net. [67]

The Strangeways Research Laboratory, Cambridge. Report for 1936. Pp. 24. (Cambridge: Strangeways Research Laboratory.) [67]

British Wood Preserving Association. Circular No. 1: The Preservative Treatment of Estate and Farm Timber. By R. C. B. Gardner. Second edition. Pp. 36+2 plates. (London: British Wood Preserving Association.) 6d. [87]

Royal Society for the Protection of Birds. Forty-sixth Annual Report, January 1st to December 31st, 1936; with Proceedings of Annual Meeting, 1937. Pp. 116. (London: Royal Society for the Protection of Birds.) 1s. [87]

Come to Crook. Pp. 16. (Crook: Crook Development Committee.) [87]

Other Countries

Spisy vydávané Přírodovědeckou Fakultou, Masarykovy Univerzity. Čís. 230: Cauchyův problém pro diferenciální rovnice lineární (Le problème de Cauchy pour les équations différentielles linéaires). Napsal B. Hostinský. Pp. 12. Čís. 231: Über zwei neue Phosphatvorkommen in Mähren (Nové nalezy fosforečnanů na Moravě). Von Josef Sekanina. Pp. 9. Čís. 232: Tvorba soli kyseliny 1-amino-anthrachinon-2-karbonové (Salzbildung der 1-amino-anthrachinon-2-karbonäure), napsal J. V. Dubský, M. Hrdlička a K. Štěpán; Tvorba soli kyseliny sulfonových R.SO₂H (Salzbildung der Sulfonsäuren R.SO₂H), napsal J. V. Dubský a E. Oravec. Pp. 16. Čís. 233: Contributions à la théorie polaire d'une variété cubique dans l'espace à quatre dimensions, I (Příspěvky k polární teorii kubické variety ve čtyřrozměrném prostoru, I). Par Ladislav Seifert. Pp. 15. Čís. 234: O difuzních potenciálech, 3 (On the Diffusion Potentials, 3). Napsal V. Čupr. Pp. 16. Čís. 235: Contributions à la théorie polaire d'une variété cubique dans l'espace à quatre dimensions, 2 (Příspěvky k polární teorii kubické variety ve čtyřrozměrném prostoru, 2). Par Ladislav Seifert. Pp. 9. Čís. 236: La cas discontinu des probabilités en chaîne. Par Wolfgang Doeblin. Pp. 13. Čís. 237: O difuzních potenciálech, 4 (On the Diffusion Potentials, 4). Napsal V. Čupr a K. Marek. Pp. 15. Čís. 238: Příspěvek k poznání květeny Československé, 2 (Ad floram Českoslovaciam additamentum, 2). Napsal Vlad. Krist. Pp. 17. Čís. 239: Eine neue Trissocladusart (Nový druh rodu Trissocladus Kieff). Von Jan Zavřel. Pp. 12. (Brno: A. Píša.) [226]

Ministry of Commerce and Industry, Egypt: Fisheries Research Directorate. Notes and Memoirs, No. 14: The Tow-Net Plankton of Lake Qarun, Egypt, December 1930 to December 1931. By E. S. Wimpenny and E. Titterton. Pp. ii+57. Notes and Memoirs, No. 18: The Fishery Grounds near Alexandria. 10: Amphipoda Benthonica. By A. Schellenberg. Pp. 27. Notes and Memoirs, No. 19: Les fonds de pêche près d'Alexandrie. 11: Annélides polychètes. Par Prof. Pierre Fauvel. Pp. 60+2 plates. Notes and Memoirs, No. 20: The Fishery Grounds near Alexandria. 12: Insecta, Araneida, Pseudoscorpionidea. By Adolf Steuer. Pp. 9. Notes and Memoirs, No. 22: The Fishery Grounds near Alexandria. 14: Phytoplankton from the Nile. By H. Bachmann. Pp. 2+2 plates. Notes and Memoirs, No. 27: Vitellogenèse chez *Solea vulgaris* (Quensel) et quelques espèces voisines. Par H. Faouzi. Pp. 5+12 plates. Notes and Memoirs, No. 29: A Chemical Study of the Egyptian Sardinella. 1: Variation in the Fat Content of Whole Fish, Flesh and Gonads. By Dr. M. K. El Saby. Pp. 25. (Cairo: Government Press.) [17]

University of Colorado Studies. Vol. 24, Nos. 3 and 4: The Colorado Labor Market and its relation to Unemployment Compensation. By Edward Robert Livernash. Pp. iii+127-194. (Boulder, Colo.: University of Colorado.) 2 dollars. [27]

The Sixty-fifth Annual Report of the Board of Directors of the Zoological Society of Philadelphia. Pp. 72. (Philadelphia: Zoological Society of Philadelphia.) [27]

Department of Commerce and Industries: Fisheries and Marine Biological Survey Division. Investigational Report No. 7: Black Bass in the Cape Province. Second Report on the Progress of American Large-mouth Black Bass (*Micropterus salmoides*, Lacépède). By A. Cecil Harrison. Pp. 119+3 plates. 2s. 6d. Investigational Report No. 8: Savings-Trawl Investigations in South African Waters during 1935. By J. M. Marchand and W. Taylor. Pp. 31+10 plates. 1s. (Pretoria: Government Printer.) [27]

U.S. Department of Agriculture. Circular No. 422: Biology of the Tobacco Moth and its Control in Closed Storage. By W. D. Reed and E. M. Livingstone. Pp. 39. (Washington, D.C.: Government Printing Office.) 10 cents. [27]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 4: Conservation in the Education Program. By William H. Bristow and Katherine M. Cook. Pp. v+78. 10 cents. Pamphlet No. 74: Crucial Issues in Education. By J. W. Studebaker. Pp. iii+19. 5 cents. (Washington, D.C.: Government Printing Office.) [27]

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions. Vol. 102: Scientific Report of the Baltic Transition Area Committees; Foreign Guests in the Baltic and Transition Areas. Compiled by K. Andersson and H. Blegvad. Pp. iv+118. 6.00 kr. Vol. 103: Critical Review of the Methods used for determining the Nutrient Salts and related Constituents in Salt Water. By H. Wattenberg. Pp. 33. 2.00 kr. Vol. 104: Rapport Atlantique 1934-1936. Publié avec l'aide de Dr. Ed. Le Danois et Rafaël De Buen. Pp. 37. 2.00 kr. (Copenhague: Andr. Fred Høst et fils.) [27]

Bulletin of the Madras Government Museum. New Series, Natural History Section, Vol. 1, No. 2, Part 3: Scyphomedusae of Krusadai Island. By M. G. K. Menon. Pp. 10+1 plate. 8 annas. New Series, Natural History Section, Vol. 3, No. 5: Decapod Larvae from the Madras Plankton. By M. Krishna Menon. Pp. 56+9 plates. 1.14 rupees. (Madras: Government Press.) [27]

Ingeniørvideenskabelige Skrifter. Nr. A44: The Metallurgy and Technology of Gold and Platinum among the Pre-Columbian Indians. By Paul Bergsøe. English translation by F. C. Reynolds. Pp. 45+4 plates. (København: G. E. C. Gad.) 2.00 kr. [27]

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 1936. Pp. 28. (Kirstenbosch: National Botanic Gardens of South Africa.) [57]

Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series A, No. 37: Further Tests on Indian Cottons with Different Systems of High Draft Spinning. By R. P. Richardson and Dr. Nazir Ahmad. Pp. ii+23. (Bombay: Indian Central Cotton Committee.) 1 rupee. [57]

Geological Survey of British Guiana. Bulletin No. 5: Preliminary Report on Quartzstone-Waiama Area; Cuyuni River. By D. W. Bishop. Pp. ii+14. (Georgetown: Government Printers.) 24 cents. [57]