

Appointments Vacant

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

SENIOR LECTURER IN MECHANICAL ENGINEERING at the South-West Essex Technical College—The Clerk to the Governors, 263 High Street, Walthamstow, E.17, enclosing stamped addressed foolscap envelope (July 25).

LECTURER IN CIVIL ENGINEERING AND/OR BUILDING at the Chesterfield Technical College—The Clerk to the Governors, enclosing stamped addressed foolscap envelope (July 28).

AN ASSISTANT LECTURER IN APPLIED CHEMISTRY, with special reference to bleaching, dyeing and finishing, at University College, Nottingham—The Registrar (July 30).

INSPECTOR (male) in the Ministry of Agriculture and Fisheries for the purposes of the Diseases of Animals Acts, 1894-1935—The Secretary of the Ministry, 10 Whitehall Place, S.W.1 (August 2).

ASSISTANT LECTURER IN HORTICULTURE at the East Anglian Institute of Agriculture, Chelmsford—The Clerk of the County Council, County Hall, Chelmsford (August 3).

TWO ENGINEERING INSPECTORS in the Ministry of Health, one with experience of sewage disposal works—The Director of Establishments, Ministry of Health, Whitehall, S.W.1 (August 8).

ASSISTANT LECTURER IN METALLURGY at the University College of Swansea—The Registrar (September 10).

PROFESSOR OF INORGANIC AND PHYSICAL CHEMISTRY in the Egyptian University—The Dean, Faculty of Science, Abbassia, Cairo (September 15).

JUNIOR ASSISTANT in the Development Department British Non-Ferrous Metals Research Association—The Secretary, B.N.F.M.R.A., Regnart Buildings, Euston Street, N.W.1.

EVENING TEACHERS FOR ELECTRICAL ENGINEERING, INSTALLATION, RADIO, ACOUSTICS, LIGHT AND ELECTRICITY at the Borough Polytechnic, London, S.E.1—The Principal.

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Committee of the Privy Council for the Organisation and Development of Agricultural Research. Report of the Agricultural Research Council for the Period October 1935-September 1937. (Cmd. 5768.) Pp. vi+378. (London: H.M. Stationery Office.) 5s. 6d. net. [117]

Federal Council of Lancashire and Cheshire Teachers' Associations. Report on Entry into Employment. Pp. 12. (Manchester: Federal Council of Lancashire and Cheshire Teachers' Associations.) [117]

National Union of Teachers. Junior Technical Schools: Memoranda on Pamphlets 111 and 113 of the Board of Education. Pp. 32. (London: National Union of Teachers.) [117]

King's College, Newcastle-upon-Tyne: Standing Committee for Research. Report, Session 1936-1937. Pp. 45. (Newcastle-upon-Tyne: King's College.) [117]

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1798 (3237): Galerkin's Method in Mechanics and Differential Equations. By Prof. W. J. Duncan. Pp. 33. 4s. 6d. net. No. 1803 (3137): Visual and Photographic Methods of Studying Boundary Layer Flow. By Dr. H. C. H. Townend. Pp. 22+11 plates. 5s. 6d. net. No. 1808 (3257): The Determination of Drag by the Pitot Traverse Method. By G. I. Taylor. Pp. 10. 1s. 6d. net. No. 1814 (2827): Wind Tunnel Tests and Charts of Airscrews at Negative Thrust. By C. N. H. Lock, H. Bateman and H. L. Nixon. Pp. 20. 3s. net. No. 1818 (3105): An Approximate Method of Stressing the Struts of a Stiff-jointed Framework. By J. B. B. Owen and J. Taylor. Pp. 30. 4s. net. No. 1819 (2951): Full Scale Tests of Slotted Flaps and Ailerons on a Courier. By R. H. Francis. Pp. 20. 3s. net. No. 1821 (3163): A Review of some Full-scale Tests on Landing Flaps. By J. E. Serby. Pp. 17. 2s. 6d. net. No. 1823 (3013): Gust Loads on Tails and Wings. By D. Williams and J. Hanson. Pp. 39. 5s. 6d. net. No. 1824 (3321): Relaxation Methods applied to Grid Frameworks. By Derman Guy Christopherson. Pp. 12. 2s. net. No. 1828: Abstracts of Papers published externally. Pp. 20. 3s. net. (London: H.M. Stationery Office.) [117]

Brief Guide to Government Publications. By F. R. Cowell. Pp. 44. (London: H.M. Stationery Office.) 3d. [127]

London Shellac Research Bureau. Technical Paper No. 13: A New Process for Hard Lac Resin. By Dr. R. Bhattacharya and Dr. B. S. Gidvani. Pp. 21. Technical Paper No. 14: Modification of Lac with Higher Fatty Acids and their Mixed Glycerol Esters, Part 2. By Dr. R. Bhattacharya and Dr. B. S. Gidvani. Pp. 17. (London: London Shellac Research Bureau.) [127]

Technical College, Bradford. Diploma and Special Day Courses, Session 1938-1939. Pp. 262+23 plates. (Bradford: Bradford Education Committee.) [127]

Ministry of Health. First Report of the Central Advisory Water Committee. Underground Water; Planning of Water Resources and Supplies. Pp. 28. (London: H.M. Stationery Office.) 6d. net. [137]

County Borough of Southport: Meteorological Department. The Fernley Observatory, Southport. Report and Results of Observations for the Year 1937. By George A. Lidster. Pp. 32. (Southport: Fernley Observatory.) [137]

British Trust for Ornithology. Fourth Report, Summer 1938. Pp. 33. (London: British Trust for Ornithology.) [147]

Transactions of the Royal Society of Edinburgh. Vol. 59, Part 2, No. 12: On Tetrastichia Bupatides; a Carboniferous Pteridosperm from East Lothian. By Dr. W. T. Gordon. Pp. 351-370+6 plates. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) 3s. 9d. [187]

Torrington Square Saved! Supplement to New Buildings for the University of London: a Symposium, 1933. By Thomas Lloyd Humberstone. Pp. 24+4 plates. (London: William Rice.) 1s. [187]

British Museum (Natural History). Economic Series. No. 12: The Cockroach: its Life-History and how to deal with it. By Frederick Laing. Third edition. Pp. ii+24. (London: British Museum (Natural History).) 6d. [187]

Ministry of Health. Costing Returns, Year ending 31st March 1937. Part 1. Pp. 25. (London: H.M. Stationery Office.) 1s. 3d. net. [187]

National Central Library. 22nd Annual Report of the Executive Committee, 1937-38. Pp. 84. (London: National Central Library.) [187]

British Non-Ferrous Metals Research Association. Miscellaneous Publication No. 333: Swedenborg's Treatise on Copper (Opera Philosophica et Mineralia, Vol. 3). Translated into English by Arthur Hodson Searle. Section 1: Being Chapters I-XIX of Part 1 of Original. Pp. xviii+180. Section 2: Being Chapters XX-XXIX of Part 1 of Original. Pp. iii+181-348. Section 3: Being Chapters L-LIII of Part 1; Part 2 (Chapters I-IV); and Part 3 (Chapters I-XII) of Original; with Index. Pp. iv+349-536. (London: British Non-Ferrous Metals Research Association.) To members, 15s.; General Public, 25s. [187]

Other Countries

University of Sydney. Publications in Geography, No. 1: The Meaning of Soil Erosion. By Macdonald Holmes. Pp. 38+1 plate. (Sydney, N.S.W.: Gordon and Gotch (Australia), Ltd.) 2s. 6d. [117]

Gokhale Institute of Politics and Economics. R. R. Kale Memorial Lecture, 1938: The Social Process (in the Light of a Century of Sociology). By Prof. G. S. Ghurye. Pp. 24. (Poona: Gokhale Institute of Politics and Economics.) 8 annas. [117]

U.S. Department of the Interior: Geological Survey. Bulletin 897-A: Mineral Industry of Alaska in 1936. By Philip S. Smith. Pp. ii+108+1 map. 30 cents. Bulletin 897-B: The Valdez Creek Mining District, Alaska, in 1936. By Ralph Tuck. Pp. 109-131. 5 cents. Water-Supply Paper 799: The Floods of March 1936. Part 2: Hudson River to Susquehanna River Region. Pp. x+380+12 plates. 50 cents. Water-Supply Paper 800: The Floods of March 1936. Part 3: Potomac, James and Upper Ohio Rivers. With a Section on the Weather associated with the Floods of March 1936, by Stephen Lichtblau. Pp. ix+351+16 plates. 45 cents. Water-Supply Paper 806: Surface Water Supply of the United States, 1936. Part 6: Missouri River Basin. Pp. 370+1 plate. 50 cents. Water-Supply Paper 836-A: Stages and Flood Discharges of the Connecticut River at Hartford, Connecticut. By H. B. Kinnison, L. F. Conover and B. L. Bigwood. Pp. 18+1 plate. 10 cents. (Washington, D.C.: Government Printing Office.) [117]

Proceedings of the U.S. National Museum. Vol. 85, No. 3032: Descriptions of New Fishes obtained by the United States Bureau of Fisheries Steamer *Albatross*, chiefly in Philippine Seas and Adjacent Waters. By Henry W. Fowler. Pp. 31-135. Vol. 85, No. 3036: Revision of the Nearctic Leafhoppers of the Tribe *Erhomenellini* (Homoptera: Cicadellidae). By P. W. Oman. Pp. 163-180+2 plates. (Washington, D.C.: Government Printing Office.) [117]

Smithsonian Miscellaneous Collections. Vol. 91: Reports on the Collections obtained by the First Johnson-Smithsonian Deep-Sea Expedition to the Puerto Rican Deep. No. 29: A New Genus of Starfishes from Puerto Rico. By Austin H. Clark. (Publication 3451.) Pp. ii+7+1 plate. (Washington, D.C.: Smithsonian Institution.) [117]

U.S. Department of the Interior. Hawaii National Park, Hawaii. Pp. ii+34. (Washington, D.C.: Government Printing Office.) [117]

Publications of the Observatory of the University of Michigan. Vol. 7, No. 3: Effect of Projection Factor on Time-Distance Plots of Motions in Loops of Class 3 Prominences. By Harold E. Sawyer and John Brodie. Pp. 79-92+2 plates. (Pontiac, Mich.: Observatory of the University of Michigan.) [117]

University of California Publications in Zoology. Vol. 42, No. 4: Geographical Variation in Wood Rats of the Species *Neotoma fuscipes*. By Emmet T. Hooper. Pp. ii+213-246. (Berkeley, Cal.: University of California Press.) 35 cents. [127]

University of Washington. Publications in Anthropology. Vol. 7, No. 2: Lower Chinook Ethnographic Notes. By Verne F. Ray. Pp. ii+29-165. (Seattle: University of Washington.) 1.35 dollars. [127]

U.S. Department of Agriculture: Bureau of Biological Survey. North American Fauna No. 56: Revision of the North American Ground Squirrels, with a Classification of the North American Sciuridae. By Arthur H. Howell. Pp. 256+32 plates. (Washington, D.C.: Government Printing Office.) 40 cents. [127]

12e Congrès international de Zoologie tenu à Lisbonne du 15 au 21 Septembre 1935. Comptes Rendus. Vol. 1. Pp. xix+228+644+30 plates. Vol. 2. Pp. 645-1514+41 plates. Vol. 3. Pp. 1515-2424+28 plates. (Lisboa: Casa Portuguesa.) [137]

Catalogues, etc.

Stokes High Vacuum Pumps. (Catalog No. 38-P.) Pp. 28. (London: W. Edwards and Co.)

Das Werden einer grossen Encyclopedie. Teil 2: Die Wahrheit um den C.S. Von Dr. Wilhelm Junk. Pp. 23-72. ('s-Gravenhage: Dr. W. Junk.)

"Prontosil": a Survey of the New Chemotherapy. Pp. 71. (London: Bayer Products, Ltd.)

Colour Plate Books: a Catalogue of Books illustrated with Coloured Aquatints and Lithographs, Hand-Coloured Copper Plates, Books of Views, Costumes, etc. (Catalogue No. 629.) Pp. 36. (London: Francis Edwards, Ltd.)