

## 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 (3287): 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 I of Original. Pp. xviii+180. Section 2: Being Chapters XX-XXIX of Part I 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 3481.) 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+80 plates. Vol. 2. Pp. 645-1514+41 plates. Vol. 3. Pp. 1515-2424+28 plates. (Lisboa: Casa Portuguesa.) [187]

### Catalogues, etc.

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

Das Werden einer grossen Encyclopædie. Teil 2: Die Wahrheit um den C.G. 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.)