

## FORTHCOMING EVENTS

Monday, June 8

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 5 p.m.—Major Offermann: "National Parks of the Belgian Congo"

## APPOINTMENTS VACANT

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

WOMAN LECTURER IN GEOGRAPHY at the Brighton Municipal Training College—The Education Officer, 54 Old Steine, Brighton (June 10).

GRADUATE TEACHER OF MATHEMATICS AND ENGLISH in the Junior Technical School of the Castleford, Whitwood Mining and Technical College—The Director, Education Offices, Smawthorne Lane, Castleford, Yorks. (June 12).

FIRST TECHNICAL ASSISTANT (male) in the Economics Department—The Secretary, West of Scotland Agricultural College, 6 Blythswood Square, Glasgow (June 12).

LECTURER IN PHARMACEUTICAL SUBJECTS—The Principal, Leicester College of Technology and Commerce, The Newarke, Leicester (June 13).

LECTURER IN HORTICULTURE—The Registrar, The University, Leeds 2 (June 15).

HEADMASTER OF DERBY SCHOOL—The Acting Clerk to the Governors, Education Office, Becket Street, Derby (June 16).

GRADUATE TEACHER OF MATHEMATICS AND SCIENCE at the Grimsby Technical College—The Director of Education, Education Committee, Grimsby (June 17).

WORKS ENGINEER OF THE SALVAGE DEPARTMENT—The General Manager, Civic Centre, Birmingham 1 (endorsed 'Works Engineer') (June 20).

CHAIR OF NAVAL ARCHITECTURE, tenable at King's College, Newcastle-upon-Tyne—The Acting Registrar, University Office, 46 North Bailey, Durham (June 22).

PATHOLOGIST AND DIRECTOR OF THE CLINICAL RESEARCH LABORATORY—The Secretary and Treasurer, Victoria Infirmary of Glasgow, 40 St. Vincent Place, Glasgow, C.1 (June 27).

LECTURER IN CIVIL AND MECHANICAL ENGINEERING—The Secretary, Northampton Polytechnic, St. John Street, London, E.C.1 (June 30).

TWO ASSISTANT ENGINEERS with knowledge of River and Land Drainage Works—The Engineer, River Nene Catchment Board, Priestgate, Peterborough.

CIVIL ENGINEER in the service of the Government Railways, West Africa—The Secretary, Overseas Man-power Committee (Ref. 282/b), Ministry of Labour and National Service, Hanway House, Red Lion Square, London, W.C.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Tin Research Institute. Publication No. 109: Report for 1941; Summarising Recent Researches and Developments in the Uses of Tin in Industry. Pp. 12. (Greenford: Tin Research Institute.) [145]

Family Allowances. Memorandum by the Chancellor of the Exchequer. (Cmd. 6354.) Pp. 11. (London: H.M. Stationery Office.) [145]

Iron and Steel Institute. Special Report No. 28: Second Report on Refractory Materials. Being a Report by the Joint Refractories Research Committee of the Iron and Steel Industrial Research Council and the British Refractories Research Association. Pp. v+168+3 plates. (London: Iron and Steel Institute.) 16s. [155]

Hull Museum Publications. No. 192: Index to Hull Museum Publications, Nos. 145-191. Compiled by T. Sheppard. Pp. 56. No. 212: Record of Additions. Edited by Thomas Sheppard. Pp. 58. No. 213: Bronze-Age Implements (in the Mortimer Museum, Hull). By T. Sheppard. Pp. 40+13 plates. (Hull: Hull Museum.) [215]

Current Trend of Population in Great Britain. (Cmd. 6358.) Pp. 12. (London: H.M. Stationery Office.) 2d. net. [265]

Proceedings of the Royal Society of Edinburgh. Section B (Biology), Vol. 61, Part 3, No. 19: pH Phenomena in relation to Stomatal Opening, 2-5. By Prof. J. Small, Miss M. I. Clarke and Mrs. J. Crosbie-Baird. Pp. 233-266. (Edinburgh and London: Oliver and Boyd.) 2s. 9d. [295]

University of London. Report of the Acting Principal on the Work of the University during the Year 1941-1942. Pp. 8. (London: University of London.) [295]

## Other Countries

U.S. Department of the Interior: Geological Survey. Bulletin 889-C: Spirit Leveling in Texas, Part 3: West-Central Texas, 1896-1938. Pp. ii+151-239+1 plate. 15 cents. Bulletin 906-F: Phosphate Investigation in Florida, 1934 and 1935. By P. V. Roundy. (Contributions to Economic Geology, 1938-39.) Pp. iv+267-345+plates 55-63. 30 cents. Bulletin 915-D: Geophysical Abstracts 99, October-December 1939. Compiled by W. Ayvazoglou. Pp. ii+133-195. 10 cents. Bulletin 916-H: Transit Traverse in Missouri, Part 8: West-Central Missouri, 1906-37. Pp. xiii+1025-1156+1 plate. 20 cents. Bulletin 917-B: Geology of the Upper Telling River District, Alaska. By Fred H. Moffit. (Mineral Resources of Alaska, 1938.) Pp. iv+115-

157+plates 2-7. 50 cents. Bulletin 918: The Goodnews Platinum Deposits, Alaska. By J. B. Mertie, Jr. Pp. iv+97+9 plates. 50 cents. Bulletin 919: Spirit Leveling in Michigan, 1896-1938. Pp. iii+523+3 plates. 65 cents. Bulletin 920: Pre-Cambrian Geology and Mineral Resources of the Delaware Water Gap and Easton Quadrangles, New Jersey and Pennsylvania. By W. S. Bayley. Pp. v+98+5 plates. 40 cents. Bulletin 921-A: Manganese Carbonate in the Batesville District, Arkansas. By Hugh D. Miser; with a Chapter on Minerals of the Ores, by D. F. Hewett and H. D. Miser. (Contributions to Economic Geology, 1940.) Pp. v+97+10 plates. 60 cents. Bulletin 922-B: Quicksilver Deposits in San Luis Obispo County and Southwestern Monterey County, California. By E. B. Eckel, R. G. Yates and A. E. Granger. (Strategic Minerals Investigations, 1940.) Pp. v+515-580+plates 78-87. 75 cents. Bulletin 923: Geology and Mineral Resources of the Randolph Quadrangle, Utah-Wyoming. By G. B. Richardson. Pp. v+54+8 plates. 55 cents. Bulletin 925-B: Geophysical Abstracts 101, April-June 1940. Compiled by W. Ayvazoglou. Pp. ii+51-92. 10 cents. Bulletin 925-C: Geophysical Abstracts 102, July-September 1940. Compiled by W. Ayvazoglou. Pp. ii+93-126. 10 cents. Bulletin 926-A: Mineral Industry of Alaska in 1939. By Philip S. Smith. (Mineral Resources of Alaska, 1939.) Pp. iii+106+1 plate. 20 cents. Bulletin 931-A: Tungsten Resources of the Blue Wing District, Lemhi County, Idaho. By Eugene Callaghan and Dwight M. Lemmon. (Strategic Minerals Investigations, 1941.) Pp. iii+21+5 plates. 30 cents. Bulletin 931-B: Some Quicksilver Prospects in Adjacent Parts of Nevada, California and Oregon. By Clyde P. Ross. (Strategic Minerals Investigations, 1941.) Pp. iii+23-37+plates 6-8. 25 cents. (Washington, D.C.: Government Printing Office.) [155]

U.S. Department of the Interior: Geological Survey. Professional Paper 193-E: Additions to the Wilcox Flora from Kentucky and Texas. By Edward W. Berry. (Shorter Contributions to General Geology, 1938-40.) Pp. ii+83-99. 15 cents. Professional Paper 195: Geology of the Kettleman Hills Oil Field, California: Stratigraphy, Palaeontology and Structure. By W. P. Woodring, Ralph Stewart and R. W. Richards. Pp. v+170+57 plates. 1.50 dollars. (Washington, D.C.: Government Printing Office.) [155]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 849-A: Geology and Ground-Water Resources of the Lufkin Area, Texas. By W. N. White, A. N. Sayre and J. F. Heuser. (Contributions to the Hydrology of the United States, 1940.) Pp. iv+58+2 plates. 30 cents. Water-Supply Paper 849-B: Effect upon Ground-Water Levels of Proposed Surface-Water Storage in Flathead Lake, Montana. By R. C. Cady. (Contributions to the Hydrology of the United States, 1940.) Pp. iii+59-81+plates 3-10. 35 cents. Water-Supply Paper 851: Surface Water Supply of the United States, 1938, Part 1: North Atlantic Slope Basins. Pp. iv+496+1 plate. 60 cents. Water-Supply Paper 879: Surface Water Supply of the United States, 1939, Part 9: Colorado River Basin. Pp. vii+309+1 plate. 35 cents. Water-Supply Paper 882: Surface Water Supply of the United States, 1939, Part 12: Pacific Slope Basins in Washington and Upper Columbia River Basin. Pp. vii+246+1 plate. 30 cents. Water-Supply Paper 883: Surface Water Supply of the United States, 1939, Part 13: Snake River Basin. Pp. viii+315+1 plate. 30 cents. (Washington, D.C.: Government Printing Office.) [155]

Smithsonian Miscellaneous Collections. Vol. 101, No. 11: Amphipod Crustaceans collected on the Presidential Cruise of 1938. By Clarence R. Shoemaker. (Publication 3677.) Pp. ii+52. (Washington, D.C.: Smithsonian Institution.) [195]

Proceedings of the United States National Museum. Vol. 92, No. 3135: Some Cestodes from Florida Sharks. By Asa C. Chandler. Pp. 25-31. (Washington, D.C.: Government Printing Office.) [195]

Forest Research in India and Burma, 1940-41. Part 1: The Forest Research Institute. Pp. iii+161. (Delhi: Manager of Publications.) 1.12 rupees; 2s. 6d. [265]

Annual Report of the Imperial Council of Agricultural Research, 1940-41. Pp. iv+190+10 plates. (Delhi: Manager of Publications.) 2.12 rupees; 4s. 6d. [265]

Indian Forest Records (New Series). Utilisation, Vol. 2, No. 5: Experiment on the Air Seasoning of *Pinus tomifolia* (Chr) Sleepers in the East Almorah Division, U.P. By M. A. Rehman. Pp. vi+109-150+4 plates. (Delhi: Manager of Publications.) 1.2 rupees; 1s. 9d. [265]

Bureau of Education, India. Appendices to Education in India in 1937-38. Pp. iii+48. (Delhi: Manager of Publications.) 14 annas; 1s. 3d. [265]

Imperial Council of Agricultural Research. Proceedings of the Fourth Meeting of the Animal Husbandry Wing of the Board of Agriculture and Animal Husbandry in India, held at Izatnagar (Bareilly) from the 18th to 20th November 1940; with Appendices. Pp. 250. (Delhi: Manager of Publications.) 5.10 rupees; 8s. 9d. [265]

University of Pennsylvania. Theoretical Magnetic Susceptibilities of Metallic Lithium and Sodium. A Dissertation in Physics presented to the Faculty of the Graduate School in partial fulfillment of the requirements for the Degree of Doctor of Philosophy. By John Bard Sampson. Pp. 8. (Philadelphia: University of Pennsylvania.) [265]

University of Pennsylvania. The Electrical Conductivity of Titanium Dioxide. By Marshall Delph Earle. A Dissertation in Physics presented to the Faculty of the Graduate School in partial fulfillment of the requirements for the Degree of Doctor of Philosophy. Pp. 10. (Philadelphia: University of Pennsylvania.) [265]

University of Pennsylvania. The Theory of Gaseous Isotope Separation in a Force Field with Application to the Ultracentrifuge. By George Harold Wilson. A Dissertation in Physics presented to the Faculty of the Graduate School in partial fulfillment of the requirements for the Degree of Doctor of Philosophy. Pp. 26. (Philadelphia: University of Pennsylvania.) [265]

State of California Department of Natural Resources: Division of Fish and Game, Bureau of Marine Fisheries. Fish Bulletin No. 58: The Commercial Fish Catch of California for the Year 1940. By the Staff of the Bureau of Marine Fisheries. Pp. 47. (Terminal Island, Calif.: California State Fisheries Laboratory.) [265]