

## Appointments Vacant

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

**GEOLOGIST** in the Geological Survey of Great Britain—The Director, Geological Survey and Museum, Exhibition Road, South Kensington, S.W.7 (May 31).

**ASSISTANT LECTURER IN GEOGRAPHY** in the University of Manchester—The Registrar (June 5).

**SENIOR DEMONSTRATOR IN PHYSIOLOGY** in St. Bartholomew's Hospital Medical College—The Dean (June 10).

**DEMONSTRATOR IN ZOOLOGY** in Bedford College for Women, Regent's Park, N.W.1—The Secretary (June 15).

## Reports and other Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Reports of the Council and Auditors of the Zoological Society of London for the Year 1938. Pp. 80. (London: Zoological Society of London.) [174]

The Training of Teachers and Grants to Intending Teachers. Being a Report of a Committee of Investigation appointed by the Executive of the National Union of Teachers and adopted by the Executive on 3rd March 1939. Pp. xxxi+328. (London: National Union of Teachers.) [184]

Report by the Food Council to the President of the Board of Trade for the Year 1938. Pp. iv+32. (London: H.M. Stationery Office.) 6d. net. [204]

Iron and Steel Institute. Special Report No. 26: First Report on Refractory Materials. Pp. vi+478. (London: Iron and Steel Institute.) [204]

Predatory Birds of Great Britain. Prepared on behalf of the British Field Sports Society by Eric Parker; Schedules showing the Protection afforded to the Birds, County by County, prepared by Phyllis Barclay-Smith and Edward Barclay-Smith. Pp. 84. (London: British Field Sports Society.) 2s. [214]

Ancient Monuments of Great Britain. List of Monuments (to 31st December 1938), prepared by the Commissioners of Works. Pp. 110. (London: H.M. Stationery Office.) 2s. net. [214]

### Other Countries

Smithsonian Institution: Bureau of American Ethnology. Bulletin 120: Basin-Plateau Aboriginal Sociopolitical Groups. By Julian H. Steward. Pp. xii+346+3 plates. (Washington, D.C.: Government Printing Office.) 50 cents. [144]

U.S. Department of the Interior: Geological Survey. Bulletin 894: Geology of the Chitina Valley and Adjacent Area, Alaska. By Fred H. Moffit. Pp. iv+138+13 plates. 1.25 dollars. Bulletin 896: Lexicon of Geologic Names of the United States (including Alaska). Compiled by M. Grace Wilmarth. Part 1: A-L. Pp. 1244. Part 2: M-Z. Pp. ii+1245-2396. 2.50 dollars. Bulletin 897-C: Gold Placers of the Fortymile, Eagle and Circle Districts, Alaska. By J. B. Mertie, Jr. (Mineral Resources of Alaska, 1936). Pp. iv+133-261. 20 cents. Bulletin 898-B: Spirit Leveling in Missouri. Part 2: South-Central Missouri, 1896-1937. By J. G. Staack. Pp. xii+133-308. 30 cents. Bulletin 898-C: Spirit Leveling in Missouri. Part 3: East-Central Missouri, 1896-1937. By J. G. Staack. Pp. xiv+309-450. 25 cents. Bulletin 898-D: Spirit Leveling in Missouri. Part 4: Northwestern Missouri, 1896-1937. By J. G. Staack. Pp. xiv+451-580. 25 cents. Bulletin 902: The Brown Iron Ores of Eastern Texas. By Edwin B. Eckel. Pp. vi+157+20 plates. 1 dollar. Bulletin 903: The Nusagak District, Alaska. By J. B. Mertie, Jr. Pp. iv+96+12 plates. 65 cents. Bulletin 904: Geology of the Siana-Tok District, Alaska. By Fred H. Moffit. Pp. iv+54+4 plates. 35 cents. Bulletin 909-A: Geophysical Abstracts 92, January-March 1938. Compiled by W. Ayvazoglou. Pp. ii+50. 10 cents. (Washington, D.C.: Government Printing Office.) [144]

U.S. Department of the Interior: Geological Survey. Professional Paper 187: Geology of the Marathon Region, Texas. By Philip B. King. Pp. ix+148+24 plates. 2.50 dollars. Professional Paper 188: The San Juan Country, a Geographic and Geologic Reconnaissance of Southeastern Utah. By Herbert E. Gregory, with Contributions by Malcolm R. Thorpe. Pp. vi+123+26 plates. 60 cents. Professional Paper 189-D: Oligocene Foraminifera from the Choctaw Bluff, Alabama. By Joseph A. Cushman and Winnie McGlamery. (Shorter Contributions to General Geology, 1937.) Pp. ii+103-120+plates 24-28. 10 cents. Professional Paper 189-E: The Force Required to Move Particles on a Stream Bed. By William W. Rubey. (Shorter Contributions to General Geology, 1937.) Pp. ii+121-142. 10 cents. Professional Paper 190: Lower Pliocene Mollusks and Echinoids from the Los Angeles Basin, California, and their Inferred Environment. By W. P. Woodring. Pp. ii+68+9 plates. 30 cents. Professional Paper 193-A: A New Upper Cretaceous Rudistid from the Kemp Clay of Texas. By Lloyd William Stephenson. (Shorter Contributions to General Geology, 1938.) Pp. ii+16+5 plates. 25 cents. (Washington, D.C.: Government Printing Office.) [144]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 801: Surface Water Supply of the United States, 1936. Part 1: North Atlantic Slope Basins. Pp. viii+402. 50 cents. Water-Supply Paper 802: Surface Water Supply of the United States, 1936. Part 2: South Atlantic Slope and Eastern Gulf of Mexico Basins. Pp. vi+228. 30 cents. Water-Supply Paper 803: Surface Water Supply of the United States, 1936. Part 3: Ohio River Basin. Pp. vii+453. 50 cents. Water-Supply Paper 805: Surface Water

Supply of the United States, 1936. Part 5: Hudson Bay and Upper Mississippi River Basins. Pp. vi+288. 45 cents. Water-Supply Paper 815: Surface Water Supply of Hawaii, July 1, 1935, to June 30, 1936. Pp. iv+108. 25 cents. Water-Supply Paper 824: Surface Water Supply of the United States, 1937. Part 4: St. Lawrence River Basin. Pp. iv+150. 25 cents. Water-Supply Paper 830: Surface Water Supply of the United States, 1937. Part 10: The Great Basin. Pp. iv+97. 20 cents. Water-Supply Paper 832: Surface Water Supply of the United States, 1937. Part 12: Pacific Slope Basins in Washington and Upper Columbia River Basin. Pp. v+173. 30 cents. Water-Supply Paper 833: Surface Water Supply of the United States, 1937. Part 13: Snake River Basin. Pp. iv+221. 30 cents. Water-Supply Paper 834: Surface Water Supply of the United States, 1937. Part 14: Pacific Slope Basins in Oregon and Lower Columbia River Basin. Pp. v+188. 30 cents. Water-Supply Paper 837: Inventory of Unpublished Hydrologic Data. By William T. Holland and Clarence S. Jarvis. Pp. 78. 15 cents. Water-Supply Paper 839: Quality of Water of the Rio Grande Basin above Fort Quitman, Texas. Analytical Data by Carl S. Scofield. Pp. ii+294. 30 cents. Water-Supply Paper 840: Water Levels and Artesian Pressure in Observation Wells in the United States in 1937. Prepared under the direction of O. E. Meinzer and L. K. Wenzel. Pp. iv+657. 1 dollar. (Washington, D.C.: Government Printing Office.) [144]

Carnegie Institution of Washington: Department of Terrestrial Magnetism. List of Publications for the Year 1938. Pp. 12. (Washington, D.C.: Carnegie Institution.) [144]

Advisory Committee on Education. Staff Study No. 8: Vocational Education. By John Dale Russell and associates. Pp. x+324. (Washington, D.C.: Government Printing Office.) 40 cents. [144]

Proceedings of the U.S. National Museum. Vol. 85, No. 3040: On some Species of Chinese Earthworms, with Special Reference to Specimens collected in Szechwan by Dr. D. C. Graham. By G. E. Gates. Pp. 405-508. Vol. 86, No. 3050: Notes on the Birds of Tennessee. By Alexander Wetmore. Pp. 175-244. (Washington, D.C.: Government Printing Office.) [144]

Stanford University Publications, University Series. Biological Sciences, Vol. 6, No. 4: The Effect of Different Percentages of Protein in the Diet of Six Generations of Rats. By James Rollin Slonaker. Pp. 68. (Stanford University, Calif.: Stanford University Press; London: Oxford University Press.) 1 dollar. [144]

Survey of India. Professional Paper No. 28: The Readjustment of the Indian Triangulation. By Major G. Bomford. Pp. viii+109+13 plates. (Dehra Dun: Survey of India.) 4.8 rupees; 7s. 6d. [174]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 26: The Progress of Agricultural Science in India during the past Twenty-five Years. By Dr. W. Burns. Pp. ii+49. (Delhi: Manager of Publications.) 1.8 rupees; 2s. 3d. [174]

Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series A, No. 47: The Effect of Employing Different Speeds in the Draw-Frame on the Quality of Yarn. By V. V. Gupte and Dr. Nazir Ahmad. Pp. ii+18. (Bombay: Indian Central Cotton Committee.) 8 annas. [174]

Memoirs of the Faculty of Science and Agriculture, Taihoku Imperial University. Vol. 21, No. 7 (Mathematics, No. 35): Beiträge zur Geometrie der Kreise und Kugeln, 27. Von S'izi Matamura. Pp. 177-252. (Taihoku: Taihoku Imperial University.) [174]

University of Toronto Studies. Applied Mathematics Series, No. 3: An Outline of the Theory of the Allowed Cone of Cosmic Radiation. By M. S. Vallarta. Pp. 56. (Toronto: University of Toronto Press; London: Oxford University Press.) 7s. net. [174]

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 202: A Comparative Test of the Field of F<sub>1</sub> Hybrids between Inbred Lines of Maize. By Dr. James Philip. Pp. 6+2 plates. Mills. 15. Bulletin No. 218: Cotton-Breeding Technique as evolved at Giza. By C. H. Brown. Pp. 13+2 plates. P.T. 3. (Cairo: Ministry of Finance.) [194]

League of Nations Health Organisation: Technical Commission on Nutrition. Guiding Principles for Studies on the Nutrition of Populations. By Prof. Dr. E. J. Bigwood. (Official No.: C.H. 1401.) Pp. 281. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 6s. [204]

U.S. Department of the Interior: Office of Education. Leaflet No. 29: Textbook Expenditures in Large City School Systems, 1932, 1934 and 1936. By Lester B. Herlihy. Pp. 8. 5 cents. Vocational Division, Leaflet No. 3: Teaching the Control of Loose Smuts of Wheat and Barley in Vocational Agriculture Classes. Revised edition. Pp. iv+11. 5 cents. (Washington, D.C.: Government Printing Office.) [214]

U.S. Department of Agriculture. Circular No. 506: Control of the Corn Earworm on Fordhook Lima Beans in Eastern Virginia. By Loyd W. Brannon. Pp. 15. (Washington, D.C.: Government Printing Office.) 5 cents. [214]

Advisory Committee on Education. Staff Study No. 17: Education of Children on Federal Reservations. By Lloyd E. Blanch and William L. Iverson. Pp. xiii+145. (Washington, D.C.: Government Printing Office.) 25 cents. [214]

Cornell University: Agricultural Experiment Station. Bulletin 706: Soils in relation to Fruit Growing in New York. Part 13: Seasonal Fluctuations of Soil Moisture in some Important New York Orchard Soil Types. By Damon Boynton and E. F. Savage. Pp. 36. Bulletin 707: An Economic Study of Land Utilization in Wyoming County, New York. By H. R. Kling. Pp. 56. Bulletin 708: Seedstock and Bulb Development in the Onion (*Allium cepa* L.). By H. C. Thompson and Ora Smith. Pp. 21. Memoir 215: Growth and Development of the Potato as influenced especially by Soil Reaction. By Ora Smith. Pp. 46. Memoir 216: Biochemistry and Biophysics of the Developing Hen's Egg. 3: Influence of Temperature. By Alexis L. Romanoff, Laura L. Smith and Royal A. Sullivan. Pp. 42. Memoir 217: Studies of the Factor in Cod-Liver Oil concerned in the Production of Muscle Dystrophy in certain Herbivora. By George Davis, L. A. Maynard and C. M. McCay. Pp. 28. (Ithaca, N.Y.: Cornell University.) [214]