

## FORTHCOMING EVENTS

[Meeting marked with an asterisk is open to the public.]

Monday, April 29

PHYSICAL SOCIETY, jointly with the CAMBRIDGE PHILOSOPHICAL SOCIETY (in the Cavendish Laboratory, Cambridge), at 3 p.m.—Discussion on "The Liquid State" (to be opened by Prof. J. E. Lennard-Jones, F.R.S.; other speakers: Prof. E. N. da C. Andrade, F.R.S., Prof. Allan Ferguson, J. Corner, Prof. J. D. Bernal, F.R.S., Prof. W. L. Bragg, F.R.S., Prof. R. H. Fowler, F.R.S., Prof. N. F. Mott, F.R.S.

Tuesday, April 30

ROYAL INSTITUTION, at 5.15 p.m.—Major-General Sir Robert McCarrison: "The Medical Aspects of the Use of Food".\*

INSTITUTE OF PHYSICS (in the Lecture Hall, Kodak, Ltd., Harrow), at 7.30 p.m.—Prof. N. F. Mott, F.R.S.: "Oxidation of Metals and the Theory of Protective Films".

Thursday, May 2

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 4 p.m.—Prof. R. J. S. McDowall: "The Circulation in Relation to Shock".

Friday, May 3

PHYSICAL SOCIETY (in the Physics Department of the Imperial College of Science), at 5.15 p.m.—Discussion on "The Teaching of the Fundamentals of Electric and Magnetic Theory" (opening paper by Dr. G. B. Brown).

ROYAL INSTITUTION, at 9 p.m.—Prof. W. L. Bragg, F.R.S.: "The Symmetry of Patterns".

## APPOINTMENTS VACANT

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

TEMPORARY ASSISTANT LECTURER IN AGRICULTURE at the Essex Institute of Agriculture, Writtle—The Clerk to the Essex County Council, County Hall, Chelmsford (April 30).

TEMPORARY FULL-TIME LECTURER IN PHYSICS—The Principal, West Ham Municipal College, Romford Road, Stratford, E.15 (May 6).

DIRECTOR OF RESEARCH to the Institution of Automobile Engineers—The Chairman, Automobile Research Committee, 12 Hobart Place, S.W.1 (May 6).

SENIOR LECTURER IN CIVIL ENGINEERING at the University of the Witwatersrand, Johannesburg—The Secretary, Office of the High Commissioner for the Union of South Africa, South Africa House, Trafalgar Square, W.C.2 (May 15).

SCIENTIFIC ASSISTANT IN THE WATER EXAMINATION DEPARTMENT—The Clerk to the Metropolitan Water Board, New River Head, 173 Rosebery Avenue, E.C.1 (quoting 'Scientific Assistant') (May 24).

TEMPORARY ASSISTANT CIVIL ENGINEER—The Borough Engineer, Town Hall, Eastbourne.

ASSISTANT ENGINEER for the Drainage and Irrigation Department, Malaya—The Crown Agents for the Colonies, 4 Millbank, S.W.1 (quoting M/9114).

ENGINEER TRANSPORT OFFICER by the Government of the Gold Coast—The Crown Agents for the Colonies, 4 Millbank, S.W.1 (quoting M/9320).

## REPORTS AND OTHER PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Air Force for the Peace Front. A Plan prepared by the Military Research Committee of the New Commonwealth Institute. (Published for the New Commonwealth.) Pp. 39. (London: The Peace Book Co.) 6d. net. [24]

Report of the Rugby School Natural History Society for the Year 1939. (Seventy-third Issue.) Pp. 67. (Rugby: George Over, Ltd.) [44]

## Other Countries

U.S. Department of the Interior: Geological Survey. Professional Paper 189-G: Foraminifera, Diatoms and Mollusks from Test Wells near Elizabeth City, North Carolina. By L. G. Henbest, K. E. Lehman and W. C. Mansfield. (Shorter Contributions to General Geology, 1937.) Pp. ii+217-228. 10 cents. Professional Paper 189-I: Fossil Plants from the Colgate Member of the Fox Hills Sandstone and adjacent Strata. By Roland W. Brown. (Shorter Contributions to General Geology, 1937.) Pp. ii+239-276+plates 47-63. 15 cents. Professional Paper 192: Areal Geology of Alaska. By Philip S. Smith. Pp. iv+100+18 plates. 1.25 dollars. (Washington, D.C.: Government Printing Office.) [293]

U.S. Department of the Interior: Geological Survey. Bulletin 906-A: Gravel and Sand Deposits of Eastern Maryland adjacent to Washington and Baltimore. By N. H. Darton. (Contributions to Economic Geology, 1938-39.) Pp. v+42+10 plates. 1.25 dollars. Bulletin 906-B: Geology and Coal Resources of the Minot Region, North Dakota. By David A. Andrews. (Contributions to Economic Geology, 1938-39.) Pp. iv+43+84+plates 11-15. 50 cents. Bulletin 909-D: Geophysical Abstracts 95, October-December 1938. Compiled by W. Ayvazoglou. Pp. ii+151-222. 15 cents. Bulletin 916-A: Transverse in Missouri. Part 1: Southeastern Missouri, 1903-37. Pp. x+124+xi-xiv. 20 cents. Bulletin 917-A: Mineral Industry of Alaska in 1938. By Philip S. Smith. (Mineral Resources of Alaska, 1938.) Pp. ii+113+1 plate. 35 cents. (Washington, D.C.: Government Printing Office.) [293]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 836-C: Artesian-Water Levels and Interference between Artesian Wells in the vicinity of Lehi, Utah. By G. H. Taylor and H. E. Thomas. (Contributions to the Hydrology of the United States, 1938.) Pp. iii+107-156+plates 12-14. 15 cents. Water-Supply Paper 836-D: Ground Water in the United States; a Summary of Ground-Water Conditions and Resources, Utilization of Water from Wells and Springs, Methods of Scientific Investigation, and Literature relating to the Subject. By Oscar Edward Meinzer. (Contributions to the Hydrology of the United States, 1938-39.) Pp. v+157-232+plate 15. 15 cents. (Washington, D.C.: Government Printing Office.) [293]

Smithsonian Miscellaneous Collections. Vol. 91, No. 30: Reports on the Collections obtained by the First Johnson-Smithsonian Deep-Sea Expedition to the Puerto Rican Deep—A New *Cornucopina* (Bryozoa) from the West Indies. By Raymond C. Osburn. (Publication 3584.) Pp. ii+4+2 plates. Vol. 91, No. 31: Reports on the Collections obtained by the First Johnson-Smithsonian Deep-Sea Expedition to the Puerto Rican Deep—A New Genus and Species of Eel from the Puerto Rican Deep. By Earl D. Reid. (Publication 3585.) Pp. ii+6. Vol. 99, No. 3: Ritual Ablation of Front Teeth in Siberia and America. By Aleš Hrdlička. (Publication 3583.) Pp. ii+32+5 plates. (Washington, D.C.: Smithsonian Institution.) [14]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 2: Parent-Education Programs in City School Systems. (Being Chapter IX of Vol. 1 of the Biennial Survey of Education in the United States, 1934-36.) Pp. v+35. 10 cents. Bulletin, 1939, No. 7: Individual Guidance in a CCC Camp; its Effect upon Participation and Quality of Work in a Voluntary Educational Program. Pp. vii+43. 10 cents. (Washington, D.C.: Government Printing Office.) [14]

Field Museum of Natural History. Anthropological Series, Vol. 25, No. 3: Craniometry of New Guinea. By Wilfrid D. Hamby. (Publication 465.) Pp. 81-290+plates 31-74. (Chicago: Field Museum of Natural History.) 2.50 dollars. [14]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 857: Surface Water Supply of the United States, 1938. Part 7: Lower Mississippi River Basin. Pp. v+197+1 plate. 25 cents. Water-Supply Paper 860: Surface Water Supply of the United States, 1938. Part 10: The Great Basin. Pp. iv+103+1 plate. 20 cents. Water-Supply Paper 863: Surface Water Supply of the United States, 1938. Part 12: Snake River Basin. Pp. vi+238+1 plate. 30 cents. (Washington, D.C.: Government Printing Office.) [24]

Palaentologia Sinica. New Series D, No. 6 (Whole Series No. 117): Bone and Antler Industry of the Choukoutien *Sinanthropus* Site. By Prof. Henri Breuil. English translation by Miss M. E. Boyle. Pp. viii+40+26 plates. New Series D, No. 9 (Whole Series No. 120): The Upper Cave Industry of Choukoutien. By Pei Wen Chung. Pp. 41+8 plates. (Peiping: Geological Survey of China.) [34]

Connecticut Agricultural Experiment Station. Bulletin 417: Commercial Fertilizers Report for 1938. By E. M. Bailey. Pp. 56+vi. Bulletin 418: The European Red Mite and its Control. By Philip Garman and J. F. Townsend. Pp. 34. Bulletin 419: Hibernation of the Corn Ear Worm in Southern Connecticut. By G. W. Barber. Pp. 28. Bulletin 420: The Native Elm Bark Beetle *Hylurgopinus rufipes* (Eichhoff) in Connecticut. By B. J. Kaston. Pp. 40. Bulletin 421: Annual Report for the Year ending October 31, 1938. Pp. 68. Bulletin 422: Tobacco Sub-station at Windsor—Report for 1938. By P. J. Anderson, T. R. Swanback and O. E. Street. Pp. 50. Bulletin 423: The Soil Characteristics of Connecticut Land Types. By M. F. Morgan. Pp. 64+35 maps. Bulletin 424: Chemical Investigations of the Rhubarb Plant. By Hubert Bradford Vickery, George W. Pucher, Alfred J. Wakeman and Charles S. Leavenworth. Pp. 158. Bulletin 425: Commercial Feeding Stuffs—Report on Inspection, 1938. By E. M. Bailey. Pp. 100. Bulletin 426: The Forty-third Report on Food Products, and the Thirty-first Report on Drug Products, 1938. By E. M. Bailey. Pp. 56. Bulletin 427: Volume Tables, Plantation Growth White Pine, *Pinus strobus* L., in Connecticut. By Henry W. Hicock, Arnold D. Rhodes and A. Richard Olson. Pp. 14. Bulletin 428: Connecticut State Entomologist—Thirty-eighth Report, 1938. By Dr. W. E. Britton. Pp. 122. Bulletin 429: Seasonal Water and Nitrate Leachings in relation to Soil and Source of Fertilizer Nitrogen (A Second Report on Windsor Lysimeter Series 'A'). By M. F. Morgan and O. E. Street. Pp. 44. (New Haven, Conn.: Connecticut Agricultural Experiment Station.) [34]