

## Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

## Monday, February 12

- ROYAL GEOGRAPHICAL SOCIETY, at 5.—Dr. R. Greene: "The Food and Health of the Mount Everest Expedition".
- UNIVERSITY COLLEGE, LONDON, at 5.—Dr. H. R. Ing: "Chemical Structure and Pharmacological Action" (succeeding lectures on February 19, 26, March 5, 12 and 19).\*
- UNIVERSITY COLLEGE, LONDON, at 5.30.—A. M. Hocart: "The South Seas, the Organization of the People".\*
- NEWCASTLE-UPON-TYNE ASTRONOMICAL SOCIETY AND UNIVERSITY OF DURHAM PHILOSOPHICAL SOCIETY, at 7 —(at Armstrong College, Newcastle).—Abbé G. Lemaître: "Evolution in the Expanding Universe".\*
- ROYAL SOCIETY OF ARTS, at 8.—Sir Robert Davis: "Deep Diving and Under Water Rescue Work" (Thomas Gray Lectures. Succeeding lectures on February 19 and 26).

## Tuesday, February 13

- ROYAL COLLEGE OF SURGEONS, at 4.—Sir Cuthbert Wallace: "The Hunterian Oration".
- PHARMACEUTICAL SOCIETY, at 8.30—(at 17, Bloomsbury Square, London, W.C.1).—Prof. E. Mellanby: "The Influence of Some Nutritional Factors in Disease".\*

## Wednesday, February 14

- INSTITUTION OF HEATING AND VENTILATING ENGINEERS, at 2—(at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1).—Annual General Meeting.
- R. C. Ching: Presidential Address.
- Sir Leonard Hill: "Infra-Red Rays and Comfort".
- EAST LONDON COLLEGE, at 4.—Prof. F. E. Fritsch: "Certain Aspects of Algal Biology" (succeeding lectures on February 21, 28 and March 7, 14).\*

## Thursday, February 15

- ROYAL SOCIETY, at 4.30.—Dr. J. C. Stimson: "The Electrical Condition of Hot Surfaces" (5).
- Prof. G. I. Finch and B. W. Bradford: "The Electrical Condition of Hot Surfaces" (6).
- Prof. G. I. Finch and A. W. Ikin: "The Catalytic Properties and Structures of Metallic Films" (2).
- S. F. Boys: "Optical Rotatory Power. A Theoretical Calculation for a Molecule Containing only Isotropic Refractive Centres".
- CHEMICAL SOCIETY, at 8.—Discussion on "Some Aspects of the Electronic Theory of Valency", to be opened by Prof. J. E. Lennard-Jones.

## Friday, February 16

- INSTITUTION OF CHEMICAL ENGINEERS, at 11.—Annual Corporate Meeting to be held at the Hotel Victoria, Northumberland Avenue, London, W.C.2.
- At 11.45. The Right Hon. The Viscount Leverhulme: "Chemical Engineering and the Edible Fat Industry" (Presidential Address).
- At 2.15. Prof. C. H. Lander: "Modern Methods of Attacking Heat Transmission Problems".
- GEOLOGICAL SOCIETY, at 3.—Annual General Meeting. Sir Thomas Holland: Presidential Address.
- ASSOCIATION OF ECONOMIC BIOLOGISTS, at 3—(at the Imperial College of Science and Technology).—Annual General Meeting.
- Prof. W. B. Brierley: "Viewpoints in Applied Biology" (Presidential Address).
- UNIVERSITY COLLEGE, LONDON, at 5.30.—Sir Arthur Eddington: "The Constitution of the Stars" (Rickman Godlee Lecture).\*
- ROYAL INSTITUTION, at 9.—Dr. Allan Ferguson: "Surface Tension".

## Official Publications Received

## GREAT BRITAIN AND IRELAND

- Department of Scientific and Industrial Research. Report of the Reinforced Concrete Structures Committee of the Building Research Board, with Recommendations for a Code of Practice for the use of Reinforced Concrete in Buildings. Pp. iv+69. (London: H.M. Stationery Office.) 1s. 3d. net.
- Scottish National Development Council. Economic Series No. 9: Report of Committee on the Chemical Industry in Scotland. Pp. 80. (Glasgow: Scottish National Development Council.) 6d. net.
- A Report on the Museums and Art Galleries of Australia, by S. F. Markham and Prof. H. C. Richards, to the Carnegie Corporation of New York, and A Report on the Museums and Art Galleries of New Zealand, by S. F. Markham and W. R. B. Oliver, to the Carnegie Corporation of New York. Pp. v+113+13 plates. (London: Museums Association.)
- Geography Teaching in relation to World Citizenship. By the Geography Panel of the League of Nations Union Education Committee. Pp. 31. (London: League of Nations Union.) 4d.
- Department of Scientific and Industrial Research. Report for the Year 1932-33. (Cmd. 4483.) Pp. iv+189. (London: H.M. Stationery Office.) 3s. net.
- Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1521 (T. 3292): An Application of Prandtl Theory to an Airscrew. By C. N. H. Lock. Pp. v+41+11 plates. 2s. 3d. net. No. 1539 (T. 3275): Abstract—Flow Past Circular Cylinders at Low Speeds. By Dr. A. Thom. Pp. 2+2 plates. 3d. net. No. 1540 (F. M. 87): Abstract—Convection of Heat from Isolated Plates and Cylinders in an Inviscid Stream. By Dr. N. A. V. Piercy and Dr. H. F. Winny. Pp. 2. 2d. net. No. 1553 (Strut. 133a): Summary of the Present State of Knowledge regarding Sheet Metal Construction. By H. L. Cox. Pp. 20. 1s. net. (London: H.M. Stationery Office.)

## OTHER COUNTRIES

- University of Arizona Bulletin. Vol. 4, No. 3 (Biological Science Bulletin No. 1): Arizona Cacti. By William Palmer Stockwell and Lucretia Breazeale. Pp. 116. (Tucson, Ariz.: University of Arizona.) 25 cents.
- University of California Publications in American Archaeology and Ethnology. Vol. 33, No. 4: Clan and Moiety in Native America. By Ronald L. Olson. Pp. iii+351-421. (Berkeley, Calif.: University of California Press; London: Cambridge University Press.) 80 cents.
- Reprint and Circular Series of the National Research Council. No. 105: Doctorates conferred in the Sciences by American Universities, 1932-1933. Compiled by Callie Hull and Clarence J. West. Pp. 63. 50 cents. No. 106: A History of the National Research Council, 1919-1933. Pp. 61. 50 cents. (Washington, D.C.: National Academy of Sciences.)
- Smithsonian Institution: United States National Museum. Bulletin 165: The Bryozoan Fauna of the Vincentown Limesand. By Ferdinand Canu and Ray S. Bassler. Pp. v+108+21 plates. (Washington, D.C.: Government Printing Office.) 20 cents.
- Cornell University Agricultural Experiment Station. Bulletin 561: Buying for the Household as practiced by 368 Farm Families in New York, 1928-1929. By Marion Fish. Pp. 92. Bulletin 563: A Study of the Food Habits and Health of Farm Families in Tompkins County, New York. By Nancy Booker Morey. Pp. 83. Bulletin 565: Costs and Returns in Producing Apples in the Newfane-Olcott Area, Niagara County, New York, 1926-1928. By T. E. La Mont. Pp. 87. Bulletin 568: Costs and Returns in Producing Potatoes in New York in 1929. By F. L. Underwood. Pp. 122. Bulletin 571: Studies in Plant Propagation—The Influence of Chemicals, of the Medium, and of the Position of the Basal Cut, on the Rooting of Evergreen and Deciduous Cuttings. By L. C. Chadwick. Pp. 53. Bulletin 573: Nut Growing in New York State. By L. H. MacDaniels. Pp. 24. (Ithaca, N.Y.)
- Zoologica. Vol. 9, No. 16: The Fishes of Barro Colorado, Gatun Lake, Panama. By C. M. Breder, Jr. Pp. 565-572. (New York City: New York Zoological Society.)
- U.S. Department of the Interior: Geological Survey. Water-Supply Paper 732: Surface Water Supply of the United States, 1932. Part 7: Lower Mississippi River Basin. Pp. v+132. 10 cents. Water-Supply Paper 734: Surface Water Supply of the United States, 1932. Part 9: Colorado River Basin. Pp. v+137. 10 cents. Bulletin 842: Metalliferous Deposits of the Greater Helena Mining Region, Montana. By J. T. Pardee and F. C. Schrader. Pp. xi+318+47 plates. 70 cents. Bulletin 849-F: Lode Deposits of Eureka and Vicinity, Kantishna District, Alaska. By Francis G. Wells. (Investigations in Alaska Railroad Belt, 1931.) Pp. viii+335-379+plates 29-32. 20 cents. Bulletin 849-H: The Valdez Creek Mining District, Alaska. By Clyde P. Ross. (Investigations in Alaska Railroad Belt, 1931.) Pp. viii+425-468+plates 34-35. 15 cents. Bulletin 849-I: The Moose Pass-Hope District, Kenai Peninsula, Alaska. By Ralph Luck. (Investigations in Alaska Railroad Belt, 1931.) Pp. x+469-530+plate 36. 15 cents. (Washington, D.C.: Government Printing Office.)
- Report of the Secretary of the Smithsonian Institution and Financial Report of the Executive Committee of the Board of Regents for the Year ending June 30, 1933. (Publication 3225.) Pp. viii+194. (Washington, D.C.: Government Printing Office.)
- Publications of the Dominion Observatory, Ottawa. Vol. 10: Bibliography of Seismology, No. 19: July, August, September 1933. By Ernest A. Hodgson. Pp. 321-336. (Ottawa: King's Printer.) 25 cents.

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