

Forthcoming Events

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

Sunday, February 3

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—“The Interrelationship of Plants and Animals” (Parts 1 and 2).*

Monday, February 4

SOCIETY OF ENGINEERS, at 6.—Inaugural meeting for 1935. Col. H. C. Hawkins: Presidential Address.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Eric Sipton: “Nanda Devi and the Ganges Watershed”.

Wednesday, February 6

ROYAL SOCIETY OF ARTS, at 8.30.—Sir Frederick Gowland Hopkins: “The Study of Human Nutrition—the Outlook Today” (Sir Henry Trueman Wood Lecture).

BRITISH SCIENCE GUILD AND ROYAL INSTITUTION, at 9—(at the Royal Institution).—Dr. C. H. Desch: “The Microscope and Metal Industries”. (Research and Development Lecture.)

Thursday, February 7

ROYAL SOCIETY, at 4.30.—Prof. E. N. da C. Andrade and P. J. Hutchings: “The Mechanical Behaviour of Single Crystals of Mercury”.

Prof. E. N. da C. Andrade and J. C. Martindale: “The Structure and Physical Properties of Thin Films of Metals on Solid Surfaces”.

Dr. M. Born: “On the Theory of Optical Activity”.

LINNEAN SOCIETY OF LONDON, at 5.—Exhibition meeting.

CHEMICAL SOCIETY, at 8.—Discussion on “Intermetallic Compounds” to be opened by Dr. C. H. Desch.

Friday, February 8

ROYAL ASTRONOMICAL SOCIETY, at 5.—Annual General Meeting. Prof. F. J. M. Stratton: Presidential Address.

ARMSTRONG COLLEGE, NEWCASTLE-UPON-TYNE (BEDSON CLUB), at 6.30.—Prof. C. R. Harington: “The Biochemistry of the Thyroid Gland” (Bedson Lecture).

ROYAL INSTITUTION, at 9.—Sir Gilbert Walker: “Clouds—Natural and Artificial”.

Saturday, February 9

SCHOOL NATURE STUDY UNION, at 3.—Annual Conference to be held at University College, Gower Street, London, W.C.1.

Prof. Winifred Cullis (President-Elect): “Biology and the Community”.

Official Publications Received

GREAT BRITAIN AND IRELAND

The University of Manchester: The Manchester Museum. Museum Publication, No. 107: Report of the Museum Committee for the Year 1933-34. Pp. 22. (Manchester.) 6d. net.

Proceedings of the Royal Irish Academy. Vol. 42, Section B, No. 6: Reports from the Limnological Laboratory, 3: The Food and Growth of Brown Trout from Lough Derg and the River Shannon. By R. Southern. Pp. 87-172+3 plates. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 3s.

Abstracts of Dissertations approved for the Ph.D., M.Sc. and M.Litt. Degrees in the University of Cambridge during the Academic Year 1933-1934. (Published by Authority.) Pp. 102. (Cambridge: Printed at the University Press.)

Ministry of Health. Report on the Work of the Central Midwives Board for the Year ended 31st March 1934. Pp. 18. (London: H.M. Stationery Office.) 3d. net.

University of Reading: Faculty of Agriculture and Horticulture. Bulletin No. 48: A Soil Survey of the Eastern Portion of the Vale of the White Horse. By Dr. F. F. Kay. Pp. 187. (Reading.)

The University of Leeds: Department of Coal Gas and Fuel Industries (with Metallurgy). Report of the Livesey Professor (John W. Cobb) for the Session 1933-34. Pp. 12. (Leeds.)

War Office. Report on the Health of the Army for the Year 1933. (Vol. 69.) Pp. iv+154. (London: H.M. Stationery Office.) 2s. 6d. net.

OTHER COUNTRIES

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 145: Contribution to a Knowledge of the White Flies (*Aleurodidae*) of Egypt, (3). By Prof. Dr. H. Priesner and Mahmoud Hosny. Pp. ii+10 plates. 5 P.T. Bulletin No. 148: The Nature of Soil Deterioration in Egypt. By David S. Gracie, Mahfouz Rizk, Ahmed Moukhtar, Abdel Hamid I. Moustafa. Pp. ix+22+8 plates. 4 P.T. (Cairo: Government Press.)

Conseil Permanent International pour l'Exploration de la Mer. Bulletin statistique des pêches maritimes des pays du Nord et de l'Ouest de l'Europe. Rédigé par D'Arcy Wentworth Thompson. Vol. 22: Pour l'année 1932. Pp. 79. (Copenhague: Andr. Fred. Høst et fils.) 3.00 kr.

The Indian Forest Records. Vol. 20, Part 12: New Ichneumonidae from India and China. By R. A. Cushman. Pp. 8. 4 annas; 5d. Vol. 20, Part 14: Interim Report on Work under Project 8 (Testing of Indian Timbers for Veneer and Plywood). By W. Nagle. Pp. iv+56+3 plates. 1 rupee; 1s. 9d. (Delhi: Manager of Publications.)

The South African Journal of Science. Vol. 31: Being the Report of the Thirty-second Annual Meeting of the South African Association for the Advancement of Science, Port Elizabeth, 1934, 2 July to 7 July. Pp. xxxvii+618. (Johannesburg.) 30s. net.

India: Meteorological Department. Scientific Notes, Vol. 5, No. 58: On Forecasting Weather over Northeast Baluchistan during the Monsoon Months, July and August. By A. K. Roy and R. C. Bhat-tacharya. Pp. 125-131. (Delhi: Manager of Publications.) 4 annas; 5d.

U.S. Department of the Interior: Geological Survey. Professional Paper 185-D: A Flora of Pottsville Age from the Mosquito Range, Colorado. By Charles B. Read. (Shorter Contributions to General Geology, 1934-35.) Pp. ii+79-96+plates 16-18. (Washington, D.C.: Government Printing Office.) 10 cents.

U.S. Department of Agriculture. Circular No. 319: Fertilizer Studies with Sugar Beets in the Arkansas Valley Area, Colo., 1921-28. By L. A. Hurst and A. W. Skuderna. Pp. 20. (Washington, D.C.: Government Printing Office.) 5 cents.

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 86. Castilleja in Alaska and Northwestern Canada. By Francis W. Pennell. Pp. 517-540. (Philadelphia.)

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions, Vol. 92: Salmon in the Baltic Precincts. By Gunnar Alm. Pp. 63. (Copenhague: Andr. Fred. Høst et fils.) 3.00 kr.

Society of Biological Chemists. Industrial Possibilities of some Research Work done in India. By Dr. Gilbert J. Fowler. Pp. ii+42. (Bangalore: Indian Institute of Science.) 1 rupee.

Observatoire de Paris: Section d'Astrophysique, à Meudon. Cartes synoptiques de la chromosphère solaire et catalogue des filaments de la couche supérieure. Par L. D'Azambuja. (Vol. 1, Fasc. 1, Année 1931.) Pp. 40. Cartes synoptiques de la chromosphère solaire et catalogue des filaments de la couche supérieure. Par L. D'Azambuja. (Vol. 1, Fasc. 2, Année 1932.) Pp. 32. (Meudon.)

Verhandlungen der Schweizerischen Naturforschenden Gesellschaft. 115 Jahresversammlung vom 6 bis 9 September 1934 in Zürich. Pp. 550-69. (Aarau: H.R. Sauerländer et Cie.)

Dominion of Canada. Seventeenth Annual Report of the National Research Council, containing the Report of the President and Financial Statement 1933-1934. Pp. 149. (Ottawa.)

University of Toronto Studies. Geological Series, No. 36: Contributions to Canadian Mineralogy, 1934, from the Department of Mineralogy and Petrography, University of Toronto. Pp. 56+6 plates. (Toronto: University of Toronto Press.) 50 cents.

Brooklyn Botanic Garden Record. Vol. 24, No. 1: Delectus Seminum, Brooklyn 1934. Pp. 10. (Brooklyn, N.Y.: Brooklyn Institute of Arts and Sciences.)

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 84: The Basal (Standard) Metabolism of the Australian Merino Sheep, II. By A. W. Peirce. Pp. 22. Bulletin No. 85: Studies on the Phosphorus Requirements of Sheep, II: The Effect of Supplying Phosphatic Supplements to Growing Lambs depastured on Phosphorus-Deficient Country. 1: The Effects of allowing Growing Merino Sheep Free Access to Phosphatic Licks while depastured on a Phosphorus-Deficient Area at “Dismal Swamp”, South Australia, by H. R. Marston; 2: Field Management of the Experiment, by E. W. Lines; 3: A Soil Survey of the Area under the Control of the Division of Animal Nutrition at “Dismal Swamp” by T. J. Marshall and J. S. Hosking. Pp. 22. Pamphlet No. 50: The Design of Overhead Irrigation Systems. By E. S. West and A. Howard. Pp. 39+6 plates. (Melbourne: Government Printer.)

Proceedings of the American Academy of Arts and Sciences. Vol. 69, No. 9: A Study of the Ant Genera *Novomessor* and *Veromessor*. By William Morton Wheeler and William Steel Creighton. Pp. 341-387+2 plates. 90 cents. Vol. 69, No. 10: Contribution from the Research Laboratory of Physical Chemistry, Massachusetts Institute of Technology, No. 333: The Apparatus and Method used for the Measurement of the Compressibility of Several Gases in the Range 0° to 325° C. By James A. Beattie. Pp. 389-405. 45 cents. (Boston, Mass.)

Western Australia. Annual Progress Report of the Geological Survey for the Year 1933. Pp. 16. (Perth: Government Printer.)

CATALOGUES

Sciences occultes. (Catalogue No. 2.) Pp. 44. (Paris: Émile Offenbacher.)

Dawson's Periodica. (Catalogue N.S. No. 15.) Pp. 28. (Catalogue N.S. No. 16.) Pp. 20. (London: Wm. Dawson and Sons, Ltd.)

Catalogue of Books and Journals bearing on Medicine and Surgery and the Allied Subjects. (No. 447.) Pp. 34. (Cambridge: W. Heffer and Sons, Ltd.)

Chloramine Antiseptics—Boots. Pp. 16. (Nottingham: Boots Pure Drug Co., Ltd.)

Books and Periodicals on Natural History. (New Series, No. 38.) Pp. 48. (London: Wheldon and Wesley, Ltd.)