

Forthcoming Events

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

Sunday, August 4

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—
Miss M. R. J. Edwards: "Seashore Life".*

WORLD FEDERATION OF EDUCATION ASSOCIATIONS,
August 10-17. Conference to be held in Oxford.

Official Publications Received

Great Britain and Ireland

The Institution of Gas Engineers. Publication No. 105: Education Regulations, 1934 Revision: Regulations for the Education and Certification of those engaged in the Technical Work of the Gas Industry and for the Award of Certificates in Gas Works Practice, Gas Supply Practice and Gas Fitting of the City and Guilds of London Institute. Pp. 84. Publication No. 106: 72nd Annual General Meeting, London, 4th to 7th June 1935; Official Programme. Pp. 16. Publication No. 107: 72nd Annual Report and Accounts of the Council of the Institution of Gas Engineers to be presented at the 72nd Annual General Meeting to be held at the Institution of Civil Engineers, on the 4th, 5th and 6th June 1935. Pp. 40. Publication No. 108: Presidential Address (72nd Annual General Meeting) by Charles Valon Bennett. Pp. 16. Publication No. 109: National Policies governing the Testing of Gas Appliances. By Stephen Lacey and C. A. Masterman. Pp. 44. Publication No. 110: Problems and Answers in the Reconstruction of Manufacturing and Distribution Plant, Nottingham. By George Dixon. Pp. 80+3 plates. Publication No. 111: The Gas Account. By W. B. McLusky. Pp. 44. Publication No. 112: Development of Gas Sales; Policy and Performance. By Samuel B. Chandler. Pp. 48+6 plates. Publication No. 113: Waste Heat Recovery from Refort Settings. By Major W. Gregson. Pp. 40+1 plate. Publication No. 114: The Preparation, Marketing and Utilization of Coke. By W. L. Boon. Pp. 88+2 plates. (London: Institution of Gas Engineers.)

Observations of Stellar Parallax, Vol. 2. From Photographs taken and measured at the Royal Observatory, Greenwich, under the direction of Sir Frank Dyson. Pp. 158. (London: H.M. Stationery Office.) 12s. net.

Observations made at the Royal Observatory, Greenwich, in the Year 1933, in Astronomy, Magnetism and Meteorology, under the direction of Sir Frank Dyson and Dr. H. Spencer Jones. Pp. viii + A74+B4+Cx+C52+D66+E46+22+4 plates. (London: H.M. Stationery Office.) 22s. 6d. net.

The Economic Proceedings of the Royal Dublin Society. Vol. 2, No. 83: On the Biological Condition of Relaid Oysters, 1935. By Dr. J. H. Orton. Pp. 533-540. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 6d.

University of Bristol. The Annual Report of the Agricultural and Horticultural Research Station (The National Fruit and Cider Institute), Long Ashton, Bristol, 1934. Pp. 312+9 plates. (Bristol: The University.)

Apples and Pears: Varieties and Cultivation in 1934. Report of the Conference held by the Royal Horticultural Society at the Crystal Palace, Sept. 19-21, 1934. Edited by F. J. Chittenden. Pp. iv + 216+23 plates. (London: Royal Horticultural Society.) 7s. 6d.

The Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 25: Reports of the Irish Radium Committee for the Year 1934, including Reports by Oliver Chance, Dr. W. G. Harvey, Oswald J. Murphy. Pp. 231-242. 1s. Vol. 21 (N.S.), No. 26: Note on the Effect of Storage on the Colour and on the Free Fatty Acid Content of a Commercial Sample of Veterinary Cod-Liver Oil. By E. J. Sheehy. Pp. 243-245. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.)

The Hannah Dairy Research Institute. Annual Report for the Year ending 31st March 1935. Pp. 16+4 plates. (Kirkhill: Hannah Dairy Research Institute.)

The Medical Research Council: What is it and how it Works. By Norah Dacre Fox. Pp. 12. (London: London and Provincial Anti-Vivisection Society.)

Technical College Buildings: their Planning and Equipment. A Report by a Joint Committee of the Association of Technical Institutions and the Association of Principals of Technical Institutions with Representatives of the Royal Institute of British Architects and the Institute of Builders and a Member of the Staff of the Board of Education. Pp. xii+144+20 plates. (London: Association of Technical Institutions and the Association of Principals of Technical Institutions.) 3s.

Other Countries

Pasteur Institute of India, Kasauli. The thirty-third Annual Report of the Director of the Institute for the Year 1933, Part 2. Pp. 44. (Kasauli: Pasteur Institute of India.)

Ministério da Educacao e Saude Publica. Anuário, publicado pelo Observatório Nacional do Rio de Janeiro para o Ano de 1935. (Ano 51.) Pp. xiii+460. (Rio de Janeiro: Observatório Nacional.)

Mintério da Educacao e Saude Publica: Observatório Nacional do Rio de Janeiro. Taboas das Marés para o Ano de 1935 nos Portos do Rio de Janeiro, Belém, S. Luiz, Amarracao, Camocim, Fortaleza, Natal, Cabedello, Tambahú, Recife, Aracajú, Bahia, Ilhéos, Victoria, Santos, Paranaguá e Itajahy. Pp. 209. (Rio de Janeiro: Observatório Nacional.)

General Catalogue of Stellar Parallaxes. Compiled at Yale University Observatory by Frank Schlesinger with the collaboration of Louise F. Jenkins. Second edition, containing all Determinations available in January 1935. Pp. x+196. (New Haven, Conn.: Yale University.)

Tenth and Eleventh Reports of the Committee on Contact Catalysis, Division of Chemistry and Chemical Technology. By Guy B. Taylor and Robert E. Burk. (Contribution No. 124 from Experimental Station, E. I. du Pont de Nemours and Co.) Pp. 181. (Washington, D.C.: National Research Council.)

U.S. Department of the Interior: Geological Survey. Bulletin 856: Geology of Big Horn County and the Crow Indian Reservation, Montana; with Special Reference to the Water, Coal, Oil and Gas Resources. By W. T. Thom, Jr., G. M. Hall, C. H. Wegemann and G. F. Moulton. Pp. vii+200+15 plates. 60 cents. Water-Supply Paper 744: Surface Water Supply of the United States, 1933. Part 4: St. Lawrence River Basin. Pp. v+159. 15 cents. Water-Supply Paper 747: Surface Water Supply of the United States, 1933. Part 7: Lower Mississippi River Basin. Pp. v+121. 10 cents. Water-Supply Paper 749: Surface Water Supply of the United States, 1933. Part 9: Colorado River Basin. Pp. v+119. 10 cents. Water-Supply Paper 751: Surface Water Supply of the United States, 1933. Part 11: Pacific Slope Basins in California. Pp. xi+376. 30 cents. Water-Supply Paper 753: Surface Water Supply of the United States, 1933. Part 12: North Pacific Slope Basins. B: Snake River Basin. Pp. vii+197. 15 cents. (Washington, D.C.: Government Printing Office.)

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 87. Zoological Results of the Third De Schauensee Siamese Expedition. Part 6: Fishes obtained in 1934. By Henry W. Fowler. Pp. 89-163. (Philadelphia: Academy of Natural Sciences.)

Western Australia: Geological Survey. Bulletin No. 95: The Physiography (Geomorphology) of Western Australia. By J. T. Jutson. Second edition, revised. Pp. xvi+366. (Perth: Government Printer.)

Report of the First Scientific Expedition to Manchoukou under the Leadership of Shigeyasu Tokunaga, June-October 1933. Section 5, Division 1, Part 12. Articles 66, 67: Insects of Jehol (VIII), Order Hymenoptera (II). By Keizō Yasumatsu. Pp. 27+47+11 plates. Section 5, Division 2, Part 3: Birds of Jehol. By Prince N. Taka-Tsukasa, Marquis M. Hachisuka, Dr. N. Kuroda, Marquis Y. Yamashina and S. Uchida. Pp. 91+23 plates. (Tokyo: Waseda University.)

Cornell University: Agricultural Experiment Station. Bulletin 619: Classification and Agricultural Value of New York Soils. By Frank B. Howe. Pp. 83. Bulletin 620: Marketing and Distribution of certain Perishable Farm Products in the Lower Hudson Valley. By W. C. Hopper and C. W. Pierce. Pp. 37. Bulletin 621: Effects of Modifications of the Potato-Spray Program. By E. O. Mader and F. M. Blodgett. Pp. 34. Bulletin 629: The Alfalfa Snout Beetle, *Brachyrhinus linguistica* L. By Charles E. Palm. Pp. 47. Memoir 170: Ecological Problems of the Humus Layer in the Forest. By L. G. Romell. Pp. 28. Memoir 171: A Study of Selected Factors in Family Life as described in Autobiographies. By Mildred B. Thurrow. Pp. 52. Memoir 172: Ionic Exchange of Peat Soils. By E. D. Wilson and E. V. Staker. Pp. 13. Memoir 174: Certain Rarer Elements in Soils and Fertilizers, and their Role in Plant Growth. By K. S. Young. Pp. 70. (Ithaca, N.Y.: Cornell University.)

U.S. Department of Agriculture. Circular No. 351: Notes on the Habits of certain Coprophagous Beetles and Methods of Rearing Them. By Arthur W. Lindquist. Pp. 10. 5 cents. Technical Bulletin No. 467: The Crested Myna, or Chinese Starling, in the Pacific Northwest. By Theo. H. Scheffer and Clarence Cottam. Pp. 10. 5 cents. (Washington, D.C.: Government Printing Office.)

Annual Report of the Board of Regents of the Smithsonian Institution: showing the Operations, Expenditures and Condition of the Institution for the Year ending June 30, 1933. (Publication 3260.) Pp. xiv+476+56 plates. (Washington, D.C.: Government Printing Office.) 70 cents.

The Indian Forest Records. Vol. 20, Part 15: Illustrations of Indian Forest Plants. Part 3: *Dipterocarpus macrocarpus* Vesque, by R. N. Parker; *Anisoptera oblonga* Dyer, *Scapula glabra* Parker, *Hopea wightiana* Wall., and *Hopea glabra* Wight and Arn., by C. E. Parkinson. Pp. 18+plates 11-15. (Delhi: Manager of Publications.) 14 annas; 1s. 6d.

Canada: Department of Mines: Mines Branch. The Canadian Mineral Industry in 1934. (No. 760.) Pp. ii+119. (Ottawa: King's Printer.)

Annual Report of the Royal Alfred Observatory for the Year 1934. Pp. 8. (Mauritius: Royal Observatory.)

Danish Eel Investigations during 25 Years (1905-1930). By Johs. Schmidt. Pp. 16. (København: Carlsberg Foundation.)

Government of Northern Rhodesia. A Report on a Faunal Survey of Northern Rhodesia, with Especial Reference to Game, Elephant Control and National Parks. Pp. xii+500+xxxii+11 maps. (Livingstone: Government Printer; London: Crown Agents for the Colonies.) 7s. 6d. net.

Union of South Africa: Department of Mines: Geological Survey. Geological Map of the Klerksdorp-Ventersdorp Area. By Dr. Louis T. Nel. Surveyed in 1931-1934. 2 sheets, each 45 in. x 29½ in. (Pretoria: Government Printer.)

Federated Malay States. Report on Forest Administration for the Year 1934. Pp. 81+4 plates. (Kuala Lumpur: Government Printer.)

Catalogues

Ergometrine B.D.H.: the Quickly-acting Water-soluble Alkaloid of Ergot. Pp. 6. (London: The British Drug Houses, Ltd.)

Time Base Apparatus for Synchronous Electric Time Deflection for use with Cathode Ray Oscillographs. Pp. 8. Hochvakuum-Elektronenstrahlröhren mit elektronenoptischer Strahlkonzentration. Pp. 12. Manfred von Ardenne's Cathode Ray Oscillograph for Measuring Purposes. Pp. 8. All-Mains Apparatus for Manfred von Ardenne's Cathode Ray Oscillograph. Cathode Ray Tube for Television. Pp. 6. (London: W. Edwards and Co.)

Zeiss Nachrichten. Heft 8, Januar 1935. Pp. 40. (Jena and London: Carl Zeiss.)