

Forthcoming Events

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

Sunday, August 11

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—
Dr. J. Smart: "Insects".*

NATIONAL RADIO EXHIBITION, at Olympia, August 14-24.

Official Publications Received

Great Britain and Ireland

Forestry Commission. Fifteenth Annual Report of the Forestry Commissioners for the Year ending September 30th, 1934. Pp. 102+6 plates. (London: H.M. Stationery Office.) 2s. net.

The Academic Assistance Council. Second Annual Report, 20th July 1935. Pp. 14. (London: Academic Assistance Council.)

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1600: Combined Index to the Technical Reports of the Advisory Committee on Aeronautics 1909-10 to 1918-19. Compiled by H. J. Sayers and G. B. Wardle. Pp. 162. 8s. net. No. 1645: Report on Puss Moth Accidents. By the Accidents Investigation Subcommittee. Pp. 32+15 plates. 1s. 9d. net. (London: H.M. Stationery Office.)

The Royal Society for the Protection of Birds. Forty-fourth Annual Report (January 1st to December 31st, 1934), with Proceedings of Annual Meeting, 1935. Pp. 54. (London: Royal Society for the Protection of Birds.)

Leeds University: Department of Pathology and Bacteriology. Annual Report, by Prof. Matthew J. Stewart and Prof. J. W. McLeod; with Abstract Report on Experimental Pathology and Cancer Research, by Prof. R. D. Passey. Pp. 17. (Leeds: The University.)

London Museum Catalogues. No. 1: London and the Vikings. Pp. 55+10 plates. 1s. net. No. 3: London in Roman Times. Pp. 211+61 plates. Paper, 2s. net; cloth, 2s. 6d. net. No. 6: London and the Saxons. By B. E. M. Wheeler. Pp. 201+21 plates. 1s. 6d. net. (London: London Museum.)

Bericht über die 11. Versammlung der Internationalen Föderation Eugenischer Organisationen. Konferenzsitzungen vom 18 bis 21 Juli 1934 im Waldhaus Dolder, Zürich, Schweiz. Pp. 84. (London: International Federation of Eugenic Organisations.)

British Standards Institution. British Standard Specification for Laboratory Incubator, Water Bath and Oven Thermometers. (No. 619-1935.) Pp. 10. (London: British Standards Institution.) 2s. net.

Memoirs of the Cotton Research Station, Trinidad. Series A: Genetics. No. 9: (a) Some Interspecific Hybrids in the Genus *Gossypium*, (b) A Hybrid between *G. Davidsonii* and *G. Sturtii*. By A. Skovsted. Pp. 28. 2s. 6d. No. 10: (a) Homologous Genes for Anthocyanin Pigmentation in New and Old World Cottons, (b) A Third Series of Experiments with the Crinkled Dwarf Mutant *G. barbadense* L.—The Cross *barbadense* crinkled \times *hirsutum* crinkled, (c) The Inheritance of Brown Lint in New World Cottons. By S. C. Harland. Pp. 30. 2s. 6d. (London: Empire Cotton Growing Corporation.)

First Report of the Commissioner for the Special Areas (England and Wales). (Cmd. 4957.) Pp. viii+106. (London: H.M. Stationery Office.) 2s. net.

Economic Advisory Council. East Africa Sub-Committee of the Tsetse Fly Committee: Report. (Cmd. 4951.) Pp. 56. (London: H.M. Stationery Office.) 1s. net.

The Animal Year Book, Vol. 3. Pp. vi+182+8 plates. (London: University of London Animal Welfare Society.) 2s. 6d.

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1624 (T. 3451): Tests on Models of Armstrong Whitworth Four-engined Monoplane. By W. L. Cowley, Dr. R. Warden and G. A. McMillan. Pp. 13+4 plates. 9d. net. No. 1630 (T. 3448-3551): Abstract—An Application of Matrices to Oscillation Problems. By Dr. W. J. Duncan and A. R. Collar. Pp. 5. 4d. net. No. 1631 (S. and C. 598): Forces and Moments on a "Puss Moth" Model. By A. S. Batson. Pp. 5+16 plates. 6d. net. No. 1643 (Strut. 201): Approximate Method of Determining Aerodynamic Loading on Wings of Monoplane. By A. G. Pugsley. Pp. 8+5 plates. 6d. net. No. 1646 (S. 143, 164): Hydrodynamic Forces and Moments on a Simple Planing Surface and on a Flying Boat Hull. By W. G. A. Perring and L. Johnston. Pp. 23+21 plates. 1s. 6d. net. (London: H.M. Stationery Office.)

Cambridge Observatory. Annual Report of the Observatory Syndicate, 1934 May 1-1935 April 30. Pp. 4. (Cambridge: Observatory.)

Medical Research Council. Fifteenth Annual Report of the Industrial Health Research Board to 30th June 1935. Pp. ii+38. (London: H.M. Stationery Office.) 9d. net.

Technical College, Bradford. Diploma and Special Day Courses, Session 1935-1936. Pp. 246+20 plates. (Bradford: Technical College.)

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1632 (T. 3564): Steady Flow in the Boundary Layer near the Surface of a Cylinder in a Stream. By L. Howarth. Pp. 56+6 plates. 2s. 6d. net. No. 1634 (F.M. 163): Flow Induced by Jet of Air. By Dr. H. C. H. Townsend. Pp. 3+3 plates. 6d. net. No. 1635 (T. 3572): Tests of Aerofoils based upon R.A.F. 34 Section. By W. L. Cowley and Dr. R. Warden. Pp. 23+11 plates. 1s. 3d. net. No. 1640 (S. and C. 624): The Aileron Power of a Monoplane. By A. G. Pugsley and Dr. H. Roxbee Cox. Pp. 15+4 plates. 1s. net. No. 1647 (E.F. 343): The Influence of Pickling on the Fatigue Strength of Duralumin. By H. Sutton and W. J. Taylor. Pp. 4. 3d. net. (London: H.M. Stationery Office.)

Other Countries

Royal Observatory, Hong Kong. Magnetic Results, 1934. Prepared under the direction of C. W. Jeffries. Pp. 49. (Hong Kong: Government Printers.) 1 dollar.

International Institute of Agriculture. The World Agricultural Situation in 1933-34. (World Agriculture: Conditions and Trends; Markets and Prices. Agricultural Policies and Conditions in the Different Countries.) Economic Commentary on the International Year-book of Agricultural Statistics for 1933-34. Pp. viii+503. (Rome: International Institute of Agriculture.) 25 liras.

Publicaciones de la Sociedad Geográfica Nacional. Serie B, No. 57: Las Temperaturas equivalentes en la Peninsula Ibérica. Por Dr. Walter Knoche. Pp. 16. (Madrid: Sociedad Geográfica Nacional.) Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 90: The Identification of the Principal Commercial Australian Timbers other than Eucalypts. By H. E. Dadswell and Audrey M. Eckerley. (Division of Forest Products: Technical Paper No. 16.) Pp. 103+27 plates. Bulletin No. 91: Further Investigations into the Transport of Bananas in Australia. By E. W. Hicks and N. E. Holmes. Pp. 35. (Melbourne: Government Printer.)

Hamburger Sternwarte in Bergedorf. Bergedorfer Spektral-Durchmusterung der 115 nördlichen Kapteynschen Eichfelder enthaltend für die Sterne bis zur 13 photographischen Grösse die Spektren nach Aufnahmen mit dem Lippert-Astrographen der Hamburger Sternwarte in Bergedorf, von A. Schwassmann; Die Grössen nach Aufnahmen des Harvard College Observatory bestimmt durch das Sterrenkundig Laboratorium Kapteyn in Groningen, von P. J. van Rhijn. Band 1: Eichfeld 1 bis 19, Deklination $+90^\circ +75^\circ +60^\circ$. Pp. E. 31+218+2 plates. (Bergedorf: Hamburger Sternwarte.)

Astronomische Abhandlungen der Hamburger Sternwarte in Bergedorf. Band 4, Nr. 3-5: Photographisch-photometrische Untersuchungen über die atmosphärische Extinktion, von Wilhelm Dieckvoss; Photographische und photovisuelle Beobachtungen von δ Cephei-Sternen, von Hans Cox; Photographische Beobachtungen von Veränderlichen auf dem Kapteyn-Eichfeld 41, von A. A. Wachmann. Pp. 53-112. (Bergedorf: Hamburger Sternwarte.)

Zoologica. Vol. 19, No. 4: The Reproductive Habits of the Common Catfish, *Ameiurus nebulosus* (Le Sueur), with a Discussion of their Significance in Ontogeny and Phylogeny. By C. M. Breder, Jr. Pp. 143-185. (New York: New York Zoological Society.)

Publications of the South African Institute for Medical Research. No. 37: The Epidemiology of Pneumonia on the Witwatersrand Goldfields and the Prevention of Pneumonia and other Allied Acute Respiratory Diseases in Native Labourers in South Africa by means of Vaccine. By Sir Spencer Lister and David Ordman. With the following relative papers:—1. Prophylactic Inoculation against Pneumonia and other Acute Respiratory Diseases with Vaccine on the Randfontein Estates Mine, by P. A. Peall; 2. Pneumonia in the Native Mine Labourers of the Northern Rhodesia Copperfields with an Account of an Experiment in Pneumonia Prophylaxis by means of a Vaccine on the Roan Antelope Mine, by D. Ordman. Pp. 124. (Johannesburg: South African Institute for Medical Research.)

Statens Meteorologisk-Hydrografiska Anstalt. Årsbok, 14, 1932. vii. Meteorologiska lakttagelser i Riksgrensen, Long. 18° 8'-2 E. Gr., Lat. 68° 25'-7. Höjd över havet 508 m. Pp. ii+48. 4.00 kr. Årsbok, 16, 1934. ii. Nederbörden i Sverige. Pp. ii+55. 2.50 kr. (Stockholm: Statens Meteorologisk-Hydrografiska Anstalt.)

Report of the Aeronautical Research Institute, Tôkyô Imperial University. No. 121: Two Notes on the Boundary Influence of Wind Tunnels of Circular Cross Section. By Jirô Tani and Masuo Taima. Pp. 47-73. (Tôkyô: Kôgyô Tôsho Kabushiki Kaisha.) 35 sen.

Bericht über das Geobotanischen Forschungsinstitut Rübel in Zürich für das Jahr 1934. Von E. Rübel. Pp. 99. (Zürich: Geobotanische Forschungsinstitut Rübel.)

Mémoires du Musée Royal d'Histoire Naturelle de Belgique. No. 69: L'Acrolithe du Hainaut: étude spectrographique. Par Prof. R. Breckpot et M. Lecompte. Pp. 31+2 plates. (Bruxelles: Musée Royal d'Histoire Naturelle.)

Journal of the Indian Institute of Science. Vol. 18A, Part 5: The Fixed Oil from the Seeds of *Amoora rokituta* (W. and A.). By P. Ramaswami Ayyar and V. A. Patwardhan. Pp. 19-24. 10 annas. Vol. 18A, Part 6: Determination of Nitrogen in Soils. Part 5: Estimation of Total Nitrogen to include Nitrates. By A. Sreenivasan. Pp. 25-38. 1.2 rupees. Vol. 18A, Part 7: Studies in the Proteins of Indian Foodstuffs. Part 6: The Globulins of the Cowpea (*Vigna catjang* Walp.). By Miss K. Bhagvai. Pp. 39-47. 14 annas. Vol. 18A, Part 8: Preservation of Wood. Part 1: Treatment with Creosote-Water Emulsion. By C. Varadhan and Keshaviah Aswath Narain Rao. Pp. 49-59. 1 rupee. Vol. 18A, Part 9: Biochemistry of the Spike-Disease of *Vinca rosea* Linn. By A. V. Varadaraja Iyengar. Pp. 61-67. 10 annas. Vol. 18A, Part 10: Studies in Tantalum and Niobium. Part 1: Analysis of Mixtures of Pentoxides of Niobium and Tantalum. By K. R. Krishnaswami and D. Suryanarayana Murthi. Pp. 69-73. 8 annas. (Bangalore: Indian Institute of Science.)

Tanganyika Territory: Geological Survey Department. Bulletin No. 8: The Eastern Lupa Goldfield. By Dr. E. O. Teale, assisted by N. W. Eades; with Petrological Notes by F. Oates. Pp. 61. (Dar es Salaam: Government Printer.) 5s.

Kaiser-Wilhelm Gesellschaft zur Förderung der Wissenschaften. Pp. 36. (Berlin: Kaiser-Wilhelm Gesellschaft zur Förderung der Wissenschaften.)

Annual Report of the All-India Institute of Hygiene and Public Health, Calcutta, 1934. Pp. 52+2 plates. (Calcutta: Government of India Press.)

Carnegie Institution of Washington. Annual Report of the Director of the Department of Terrestrial Magnetism. Pp. 56. (Washington, D.C.: Carnegie Institution.)

Catalogues

Modern Books in All Classes of Literature offered at Greatly Reduced Prices. (No. 475.) Pp. 24. (Cambridge: Bowes and Bowes.) The Story of Sillimanite Laboratory Ware. Pp. 32. (London: W. Edwards and Co.)