

## Forthcoming Events

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

Monday, October 19

UNIVERSITY OF LEEDS, at 5.30.—Prof. N. V. Sidgwick, F.R.S.: "Resonance in Organic Chemistry".\*

Tuesday, October 20

EUGENICS SOCIETY (at the Linnean Society), at 5.15.—Eliot Slater: "The Inheritance of Mental Disorder".\*

Thursday, October 22

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—H. T. Young: Presidential Address.

Friday, October 23

INSTITUTION OF MECHANICAL ENGINEERS, at 7.—Sir Nigel Gresley: Presidential Address.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS, at 6.—Annual General Meeting. Prof. C. J. Hawkes: Presidential Address.

## Official Publications Received

### Great Britain and Ireland

- Proceedings of the Royal Society of Edinburgh, Session 1935-1936. Vol. 56, Part 2, No. 12: The Brackish-water Lochs of North Uist. By Dr. Edith A. T. Nicol. Pp. 169-195. 2s. 3d. Vol. 56, Part 2, No. 13: Cytological Studies on the Reproductive Organs—Chromosome Behaviour in the Male Grey Squirrel (*Sciurus carolinensis leucotus*). By Dr. P. C. Koller. Pp. 196-209. 1s. 3d. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) 189
- Imperial College of Science and Technology: Department of Aeronautics. Pamphlet, Session 1936-37. Pp. 6. (London: Imperial College of Science and Technology.) 219
- The Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 39: A Contribution to Knowledge of the Irish Fungi. By Dr. P. O'Connor. Pp. 381-417. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) 3s. 219
- The Iron and Steel Institute. (Special Report No. 15): Second Report of the Steel Castings Research Committee; being a Report by a Joint Committee of the Iron and Steel Institute and the British Iron and Steel Federation to the Iron and Steel Industrial Research Council. Pp. vii+117+38 plates. (London: Iron and Steel Institute.) 219
- Department of Scientific and Industrial Research. Report of the Food Investigation Board for the Year 1935. Pp. x+232. (London: H.M. Stationery Office.) 3s. 6d. net. 229
- Forestry Commission. Utilization Series, No. 3: Report on the Demand for Timber in Wood-Turning in Great Britain. Pp. v+53+4 plates. (London: H.M. Stationery Office.) 1s. 3d. net. 229
- Imperial Agricultural Bureaux. Seventh Annual Report of the Executive Council, 1935-1936. Pp. 102. (London: H.M. Stationery Office.) 5s. net. 239

### Other Countries

- Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions. Vol. 101: Report of the Proceedings of the Special Scientific Meetings held in May 1936 at Copenhagen. Ière partie: What Physiological Problems are of Interest to the Marine Biologist in his Studies of the Most Important Species of Fish? Pp. 14. 1.00 kr. 2ème partie: The Measurement of Submarine Light and its relationship to Biological Phenomena. Pp. 64. 3.00 kr. 3ème partie: Comparative Studies of the Fluctuations in the Stocks of Fish in the Seas of North and West Europe. Pp. 90. 4.00 kr. (Copenhagen: Andr. Fred. Høst et fils.) 189
- Tanganyika Territory: Department of Agriculture. Annual Report, 1935. Pp. 148. (*Dar es Salaam: Government Printer.*) 4s. 219
- Report of the Aeronautical Research Institute, Tôkyô Imperial University. No. 141: On the Relation between the Performance and the Loudness of Sound of an Airscrew. By Juichi Obata, Sandi Kawada, Yabei Yosida and Umeziro Yosida. Pp. 341-366. (Tôkyô: Kogyo Tosho Kabushiki Kaisha.) 35 sen. 219
- Society of Biological Chemists, India. Biochemical and Allied Research in India in 1935. Pp. 130. (Bangalore: Indian Institute of Science.) 2 rupees; 3s. 219
- Royal Agricultural Society. Summarised translation of Bulletin No. 19: The Importance of Phosphoric Acid Supply for Egyptian Crops as illustrated by the Results of the Bahim Permanent Experiments and Others. By Ahmed Mahmoud. Pp. 86. Bulletin No. 23: The Influence of Size and Weight of Seed upon the course of Subsequent Growth and upon Yield of Wheat. By Dr. M. A. Fikry. Pp. 54+27 plates. (Cairo: Royal Agricultural Society.) 219
- Memoirs of the Geological Survey of India. Paleontologia Indica, New Series, Vol. 22, Memoir No. 2: Fossil Mollusca from Southern Persia (Iran) and Bahrein Island. By L. R. Cox. Pp. v+69+8 plates. (Calcutta: Geological Survey of India.) 5.8 rupees; 9s. 219

Field Museum of Natural History. Botany Leaflet 18: Common Mushrooms. By Leon L. Pray. Pp. 68. (Chicago: Field Museum of Natural History.) 50 cents. 219

Ostris. Vol. 2, Part 6: La première phase de l'évolution de la théorie des quanta. Par L. Rosenfeld. Pp. 149-196. Vol. 2, Part 7: Scope and Development of Indian Astronomy. By Sukumar Banjan Das. Pp. 197-219. Vol. 2, Part 8: An Alchemical Manuscript by Arnaldas de Bruxella. By W. J. Wilson. Pp. 220-405. Vol. 2, Part 9: The Unity and Diversity of the Mediterranean World. By Dr. George Sartou. Pp. 406-463. (Bruges: The Saint Catherine Press, Ltd.) 219

Det Norske Videnskaps-Akademi i Oslo. Astrophysica Norvegica. Vol. 2, No. 2: Schwingungen und Wellenbewegungen in einer Atmosphäre mit nach oben abnehmender Temperatur. Von H. Solberg. Pp. 123-172. Vol. 2, No. 3: On the Theory of Rotating Stars, I. By S. Rosseland. Pp. 173-191. (Oslo: Jacob Dybwad.) 219

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 756: Surface Water Supply of the United States, 1934. Part 1: North Atlantic Slope Basins. Pp. x+383. 45 cents. Water-Supply Paper 757: Surface Water Supply of the United States, 1934. Part 2: South Atlantic Slope and Eastern Gulf of Mexico Basins. Pp. vii+216. 25 cents. Water-Supply Paper 758: Surface Water Supply of the United States, 1934. Part 3: Ohio River Basin. Pp. x+387. 50 cents. Water-Supply Paper 767: Surface Water Supply of the United States, 1934. Part 12: North Pacific Slope Basins. A. Pacific Slope Basins in Washington and Upper Columbia River Basins. Pp. vi+172. 20 cents. (Washington, D.C.: Government Printing Office.) 219

U.S. Department of the Interior: Geological Survey. Bulletin 847-D: Phosphate Rock near Maxville, Phillipsburg and Avon, Montana. By J. T. Pardee. (Contributions to Economic Geology, 1934-36.) Pp. ii+175-188+plates 28-34. 20 cents. Bulletin 853: The Book Cliffs Coal Field in Emery and Grand Counties, Utah. By D. Jerome Fisher. Pp. iv+104+15 plates. 75 cents. Bulletin 863: Geology of the Salt Valley Anticline and Adjacent Areas, Grand County, Utah. By C. H. Dane. Pp. v+184+21 plates. 1 dollar. Bulletin 867: Geology of the Coastal Plain of South Carolina. By C. Wythe Cooke. Pp. v+196+18 plates. 60 cents. (Washington, D.C.: Government Printing Office.) 219

Report and Balance Sheet of the National Botanic Gardens of South Africa, Kirstenbosch, Newlands, Cape (and the Karoo Garden, Whitehill, near Matjiesfontein) for the Year ending 31st December 1935. Pp. 32. (Kirstenbosch: National Botanic Gardens.) 229

Union of South Africa: Department of Mines. Geological Series, Bulletin No. 7: Some Magnetometric and Gravimetric Surveys in the Transvaal. By O. Weiss, D. J. Simpson and G. L. Paver. Pp. 27+9 plates. (Pretoria: Government Printer.) 2s. 229

Royal Agricultural Society, Egypt. Bulletin No. 26 of Technical Section and No. 4 of Royal Agricultural Society, Imperial Chemical Industries, Ltd., and I. G. Farbenindustrie Aktiengesellschaft Joint Agricultural Research Scheme: Experiments in Egypt on the Interaction of Factors in Crop Growth. 4: Nitrogenous and Phosphate Manuring of Cotton and their relation to Variety and Spacing. By Frank Crowther, Adolf Tomforde and Ahmed Mahmoud. Pp. 46. (Cairo: Royal Agricultural Society.) 219

R. Osservatorio Astrofisico di Catania. Annuario 1935. Pp. 60+10 plates. (Catania: R. Osservatorio Astrofisico.) 229

University of Illinois: Engineering Experiment Station. Bulletin No. 283: A Study of the Reactions of various Inorganic and Organic Salts in Preventing Scale in Steam Boilers. By Prof. Frederick G. Straub. Pp. 118. 1 dollar. Bulletin No. 284: Oxidation and Loss of Weight of Clay Bodies during Firing. By William R. Morgan. Pp. 42. 50 cents. Bulletin No. 285: Possible Recovery of Coal from Waste at Illinois Mines. By Prof. Cloyd M. Smith and Prof. David R. Mitchell. Pp. 44. 50 cents. Bulletin No. 286: Analysis of Flow in Networks of Conduits or Conductors. By Prof. Hardy Cross. Pp. 32. 35 cents. Circular No. 26: Papers presented at the First Annual Conference on Air Conditioning, held at the University of Illinois, May 4 and 5, 1936. Pp. 154. 50 cents. Reprint No. 6: Electro-Organic Chemical Preparations. By Sherlock Swann, Jr. Pp. 385-440. 35 cents. Reprint No. 7: Papers presented at the Second Annual Short Course in Coal Utilization, held at the University of Illinois, June 11, 12 and 13, 1936. Pp. 163. 1 dollar. Reprint No. 8: Second Progress Report of the Joint Investigation of Fissures in Railroad Rails. By Herbert F. Moore. Pp. 15. 15 cents. (Urbana, Ill.: University of Illinois.) 259

Journal of the Federated Malay States Museums. Vol. 8: An Expedition to Korinchi Peak, Sumatra (1914). Part 1. Edited by H. M. Pendlebury. Pp. 31+15 plates. (Kuala Lumpur: Selangor Museum.) 289

Forestry Pamphlet No. 4: Notes on the More Important Timber Trees of Trinidad and Tobago. Pp. 17+25 plates. (Trinidad: Government Printing Office.) 12 cents. 289

International Institute of Agriculture. Bibliography of Tropical Agriculture, 1935. Pp. vii+256. (Rome: International Institute of Agriculture.) 10 lire. 289

Government of India: Department of Industries and Labour. Irrigation in India: Review for 1934-35. Pp. 47. (Delhi: Manager of Publications.) 1.8 rupees; 2s. 6d. 309

### Catalogues

Science in the XIXth Century: The Beginnings of Modern Physics; Electricity, Telephone, Telegraph, Wireless; Chemical Systems and Spectrum Analysis; Development of Transport and Industry, Photography; Evolution; Advance in Medicine. (List No. 22.) Pp. 40. (London: E. P. Goldschmidt and Co., Ltd.) 289

Dunns Seed Wheats. Pp. 24. (Salisbury: Dunns Farm Seeds, Ltd.) Petrological Microscopes. (Section 'C'.) Pp. 20. (London: James Swift and Son, Ltd.) 289

Priced Catalogue of B.D.H. Laboratory Chemicals. Pp. 200. The 'Carbosorb' Brand of Soda Lime and Soda Asbestos. Pp. 4. (London: The British Drug Houses, Ltd.) 289

Dulan's Catalogue of Botanical Books. (No. 249.) Pp. 40. (London: Dulau and Co., Ltd.) 289