

## FORTHCOMING EVENTS

(Meetings marked with an asterisk are open to the public)

### Saturday, November 28

ROYAL PHOTOGRAPHIC SOCIETY (at 16 Princes Gate, South Kensington, London, S.W.7), at 3 p.m.—Dr. S. O. Rawling: "Sensitometry since Hurter and Driffeld" (Hurter and Driffeld Memorial Lecture).

### Monday, November 30

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. W. Allen: "Some Aspects of Insulation", 2: "Sound Insulation" (Cantor Lectures, 2).

ROYAL SOCIETY (at the Royal Institution, Albemarle Street, London, W.1), at 3 p.m.—Lectures in commemoration of the Tercentenary of the birth of Isaac Newton. Prof. E. N. da C. Andrade, F.R.S.: "Newton and the Science of his Age"; Rt. Hon. Lord Rayleigh, F.R.S.: "Newton as an Experimenter"; Sir James Jeans, O.M., F.R.S.: "Newton and the Science of To-day"

### Tuesday, December 1

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 2 p.m.—Mr. J. K. Hunter and Mr. R. W. Mountain: "Hydro-Electric Development, some Economic Aspects".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Prof. J. C. Drummond: "The History of our More Important Foods", (ii) "Meats".\*

### Wednesday, December 2

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. D. R. Bomford: "Agriculture To-day and To-morrow", 2: "Machinery in Modern Farming".

BRITISH SOCIETY FOR INTERNATIONAL BIBLIOGRAPHY (at the Science Museum, Exhibition Road, South Kensington, London, S.W.7), at 2.15 p.m.—Mr. R. Unwin and Mr. M. C. Haycroft: "Cooperation between Authors and Printers in the Preparation of Copy for Publication".

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON (JOINT MEETING WITH THE GENETICAL SOCIETY) (at 41 Queen's Gate, South Kensington, London, S.W.7), at 3 p.m.—"Methods of Study of Wild Populations" (Speakers: Dr. R. A. Fisher, F.R.S., Prof. Julian Huxley, F.R.S., Dr. C. B. Williams, Dr. George Salt, Prof. P. A. Buxton).

### Thursday, December 3

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Lieut.-Colonel K. Edgcombe: "Standardization as applied to Industrial Electrical Instruments".

### Friday, December 4

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—Prof. William G. Holford: "The Small House and the Large Town, some Town Planning Problems".

PHYSICAL SOCIETY (in the Lecture Theatre of the Science Museum, Exhibition Road, South Kensington, London, S.W.7), at 4.30 p.m.—Prof. E. N. da C. Andrade, F.R.S.: A lecture on Newton (in celebration of the Tercentenary of Newton's Birth).

### Saturday, December 5—Sunday, December 6

ASSOCIATION OF SCIENTIFIC WORKERS (with the support of the BRITISH ASSOCIATION) (at Gas Industry House, 1 Grosvenor Place, London, S.W.1)—Conference on "Scientists of the United Nations and the War Effort".\*

#### Saturday

At 2.30 p.m.—"Allied Scientists" (Chairman: Sir Richard Gregory, Bart., F.R.S.).

#### Sunday

At 11 a.m.—"Free National and Refugee Scientists" (Chairman: Prof. John Murrack).

At 2.30 p.m.—"British Scientists" (Chairman: Sir John Russell, F.R.S.).

## APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

LECTURER (MAN OR WOMAN) FOR CHEMISTRY AND PHYSICS, and a LECTURER FOR ENGINEERING SUBJECTS—The Principal, Shrewsbury Technical College, Shrewsbury.

HEADMASTER of Felsted School—The Clerk to the Governors, Mr. Norman Orfeur, Solicitor, Braintree, Essex (December 31).

DIRECTOR of the National Froebel Foundation—The Secretary, National Froebel Foundation, 2 Manchester Square, London, W.1 (February 27)

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Something to Look Forward To: a Suggestion for a New Social Contract. By Lady J. Rhys Williams. Pp. 54. (Cardiff: Western Mail and Echo, Ltd.) [1210]

Six-Figure Trigonometrical Tables and Formulæ. Pp. 55. (Dagenham: Ford Motor Co., Ltd.) 1s. 6d. [1210]

University of London: University College. Calendar, Session 1942-1943. Pp. xxv+126. (London: Taylor and Francis, Ltd.) [1310]

The Atlantic Charter and Africa from an American Standpoint: a Study by the Committee on Africa, the War, and Peace Aims. The Application of the 'Eight Points' of the Charter to the Problems of Africa, and especially those related to the Welfare of the African People living South of the Sahara, with related material on African Conditions and Needs. Pp. xi+164. (New York: The African Bureau; London: Edinburgh House Press.) 75 cents; 4s. [1310]

British Rubber Producers' Research Association. Publication No. 24: Thermodynamic Study of the Elastic Extension of Rubber. By L. R. G. Treloar. Pp. 6. Publication No. 25: The Interaction between Rubber and Liquids, 2: The Thermodynamical Basis of the Swelling and Solution of Rubber. By G. Gee. Pp. 8. Publication No. 26: (i)  $\alpha$ -Methylene Reactivity in Olefinic and Polyolefinic Systems, by E. H. Farmer; (ii) The Course and Mechanism of Autoxidation Reactions in Olefinic and Polyolefinic Substances, including Rubber, by E. H. Farmer, G. E. Bloomfield, A. Sundralingam and D. A. Sutton; (iii) Ionic and Radical Mechanisms in Olefinic Systems, with special reference to Processes of Double-Bond Displacement, Vulcanisation and Photo Gelling, by E. H. Thomas. Pp. 24. (London: British Rubber Producers' Research Association.) [1410]

The Post-War Home: a Series of Lectures on its Interior and Equipment. (Published for the Royal Society of Arts.) Pp. 120. (London: The Studio, Ltd.) 2s. 6d. net. [2010]

British Electrical and Allied Industries Research Association. Technical Report, Reference W/T: Simplified Electrically Heated Hotbeds. By C. A. Cameron Brown and E. W. Golding. Pp. 24. (London: British Electrical and Allied Industries Research Association.) 1s. net. [2010]

Ministry of Agriculture and Fisheries. Growmore Bulletin No. 7: Fruit from the Garden. By J. M. S. Potter. Pp. 13. (London: H.M. Stationery Office.) 3d. net. [2110]

Geological Survey of Great Britain: Scotland. Wartime Pamphlet No. 27: The Oil-Shales of the Lothians—Structure. Area 2: Pumphreston. By Dr. J. G. C. Anderson. Pp. 20. (London: Geological Survey and Museum.) 1s. [2110]

### Other Countries

Bulletin of the American Museum of Natural History. Vol. 80, Art. 2: On the Structure of *Mesoplodon densirostris*, a Rare Beaked Whale. By Henry C. Raven. Pp. 23-50. (New York: American Museum of Natural History.) [2010]

University of Cape Town. Communications from the School of African Studies, New Series No. 1: The Bored Stones of Southern Africa, Part 1: Bantu Specimens. By A. J. H. Goodwin. Pp. iv+22. (Cape Town: University of Cape Town.) 2s. [2010]

Nyasaland Protectorate. Annual Report of the Forestry Department for the Year ended 31st December 1941. Pp. 16. (Zomba: Government Printer.) 1s. [2010]

Department of Public Instruction, Technical Education Branch: New South Wales. Technological Museum: Curator's Annual Report for Year ended 31st December 1941. Pp. 2. (Sydney: Government Printer.) [2010]

Towards a New World-Order, an Indian View. An Address delivered to the Joint Easter Session of Science Associations in Bangalore, April 4, 1942. By D. V. Gundappa. Pp. 32. (Bangalore: Karnataka Publishing House.) [2210]

Annual Report for the Year 1941 of the South African Institute for Medical Research, Johannesburg. Pp. 56. (Johannesburg: South African Institute for Medical Research.) [2210]

Records of the Geological Survey of India. Vol. 75, Professional Paper No. 16: Bauxite and Aluminous Laterite Occurrences in Jashpur State, Eastern States Agency. By A. K. Dey. Pp. ii+16. (Calcutta: Geological Survey of India.) 4 annas; 5d. [2210]

Indian Forest Records (New Series). Utilisation, Vol. 2, No. 7: Note on Indian Timbers for Aircraft and Gliders. By V. D. Limaye. Pp. v+168-177. 4 annas; 5d. Silviculture, Vol. 5, No. 1: The Problem of the Pure Teak Plantation. (A revision of Bulletin No. 78 of 1932.) By M. V. Laurie and A. L. Griffith. Pp. ii+121+8 plates. 3.10 rupees; 5s. 9d. (Delhi: Manager of Publications.) [2210]

Indian Forest Bulletin (Botany, New Series), No. 109: Hints for Botanical Collectors. By M. B. Raizada. Pp. iii+9. (Delhi: Manager of Publications.) 2 annas; 3d. [2210]

Survey of India. General Report, 1941, from 1st October 1940 to 30th September 1941. Pp. vi+41. (Calcutta: Survey of India.) 1.8 rupees; 2s. 6d. [2210]

Harvard Meteorological Studies. No. 5: Eclipse Meteorology, with Special Reference to the Total Solar Eclipse of August 31, 1932. By Charles F. Brooks, Sterling P. Fergusson, Herbert H. Kimball, Bernhard Haurwitz, Eleanor Stabler Brooks, Jerome Namias, Charles H. Pierce, Harry Wexler, Edward M. Brooks. Pp. 109. 1.25 dollars. No. 6: Heat Transfer by Infrared Radiation in the Atmosphere. By Walter M. Elsasser; with a copy of the Atmospheric Radiation Chart, second edition. Pp. 107. 1.25 dollars. (Milton, Mass.: Blue Hill Meteorological Observatory.) [2610]

Kungl. Svenska Vetenskapsakademins Handlingar. Serien 3, Band 19, No. 3: Det Stora Nordskiöldska Järnblocket från Ovikå. Mikrostruktur och Bildningsätt. Av H. Löfquist och C. Benedicks. Pp. 96+2 plates. Serien 3, Band 19, No. 4: Communities of Marine Algae in Subantarctic and Antarctic Waters. By O. Skottsberg. Pp. 92+3 plates. Serien 3, Band 19, No. 5: Die Bothriolepis-Arten der Cellulose-Mergel Lettlands. Von Walter Gross. Pp. 80+29 plates. Serien 3, Band 19, No. 6: A Spectrophotometric Investigation on Stars in Bright and Dark Regions in Cepheus. By Gunnar Verneberg. Pp. 140. Serien 3, Band 19, No. 7: Die Hydracarienfauna Südbraziliens und Paraguays, Teil 1. Von O. Lundblad. Pp. 184+5 plates. Serien 3, Band 19, No. 8: Bau und Entwicklung der Gnetum-Gametophyten. Von Folke Lagerlund. Pp. 55. Serien 3, Band 20, No. 1: General Morphology of the Lateral Sensory Line System of the Head in Fish. By Nils Holmgren. Pp. 46. Serien 3, Band 20, No. 2: Die Hydroacarienfauna Südbraziliens und Paraguays, Teil 2. Von O. Lundblad. Pp. 176+7 plates. (Stockholm: Almqvist and Wiksells Boktryckeri A. B.) [2710]