

Forthcoming Events

Saturday, March 18

ROYAL ANTHROPOLOGICAL INSTITUTE, at 2.15.—(at St. John's College, Cambridge).—Dr. L. S. B. Leakey: "Discoveries of Human Remains at Kanam and Kanjera (Kenya)".

ROYAL INSTITUTION, at 3.—Developments in Cinematography: A Display of Films, (1) Instructional Films.

Monday, March 20

UNIVERSITY OF LONDON, at 4.30.—(at the Royal Veterinary College).—Sir Arnold Theiler: "The Pathology of Osteodystrophic Diseases of Domesticated Animals and their Causes" (succeeding lectures on March 21 and 23).

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—M. Jean Delacour: "Some Contrasts in the Civilizations of Indo-China".

Friday, March 24

ROYAL INSTITUTION, at 9.—Lord Ashfield: "London Passenger Transport".

Saturday, March 25

ROYAL INSTITUTION, at 3.—Developments in Cinematography: A Display of Films, (2) Colour Films.

Official Publications Received

GREAT BRITAIN AND IRELAND

Reports of the Progress of Applied Chemistry. Vol. 17, 1932. Pp. 728. (London: Society of Chemical Industry.) 12s. 6d.; to Members, 7s. 6d.

The Economic Proceedings of the Royal Dublin Society. Vol. 2, No. 29: Factors affecting the Body or Viscosity of Cream and related Matters. By J. Lyons and G. T. Pyne. Pp. 461-500 + plate 29. 2s. Vol. 2, No. 30: The Influence of Agitation of Milk before Separation on the Fat Loss in the Skim Milk. By W. Finlay and J. Lyons. Pp. 501-513. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.)

The Scientific Proceedings of the Royal Dublin Society. Vol. 20 (N.S.), No. 34: A Study of *Phoma Lingam* (Tode) Desm., and of the "Dry Rot" it Causes, particularly in Swede Turnips. By William Hughes. Pp. 495-529 + plates 46-47. 3s. 6d. Vol. 20 (N.S.), No. 35: A Classification of the Biological Elements, with a Note on the Biochemistry of Beryllium. By Dr. William Robert Fearon. Pp. 531-535. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.)

University of London: University College. Annual Report, February, 1932-February, 1933. Pp. ii+184. (London: Taylor and Francis.)

Journal of the Chemical Society. February. Pp. ii+113-216 + vii. (London: Chemical Society.)

The Proceedings of the Physical Society. Vol. 45, Part 2, No. 247, March 1. Pp. viii+135-365. (London: Physical Society.) 7s. net.

Journal of the Society of Glass Technology. Edited by Prof. W. E. S. Turner. Vol. 16, No. 64, December. Pp. xi+77-93+375-477+395-575+x+xxiv. (Sheffield: The University.) 10s. 6d.

Annual Reports on the Progress of Chemistry for 1932. Vol. 29. Pp. 344. (London: Chemical Society.)

University of Leeds. Twenty-eighth Report, 1931-32. Pp. 228. Publications and Abstracts of Theses by Members of the University during Session 1931-32. Pp. 26. (Leeds.)

Committee of the Privy Council for Medical Research. Report of the Medical Research Council for the Year 1931-1932. (Cmd. 4248.) Pp. 140. (London: H.M. Stationery Office.) 2s. net.

The Hannah Dairy Research Institute. Bulletin No. 5: The Nutritive Properties of Milk in relation to Pasteurisation; a Review of Existing Knowledge. By Dr. J. D. Stirling and Dr. J. H. Blackwood. Pp. 80. (Ayr.)

Department of Scientific and Industrial Research. Report for the Year 1931-32. (Cmd. 4254.) Pp. iv+193. (London: H.M. Stationery Office.) 3s. net.

OTHER COUNTRIES

Cornell University: Agricultural Experiment Station. Bulletin 544: Co-operative Purchasing and Marketing Organisations in New York State. By F. A. Harper. Pp. 117. Bulletin 546: The Marketing of Milk thru Ice Cream. By M. C. Bond. Pp. 88. Bulletin 550: Soils in relation to Fruit Growing in New York. Part 2: Size, Production and Rooting Habit of Apple Trees on Different Soil Types in the Hilton and Morton Areas, Monroe County. By Joseph Oskamp and L. P. Batjer. Pp. 45. (Ithaca, N.Y.)

Sièxième Congrès International du Froid, Buenos Aires, Août-Septembre 1932. Première Commission Internationale (Commission Kamerlingh Onnes) de l'Institut International du Froid. Rapports

et communications issus du Laboratoire Kamerlingh Onnes présentés par le Président de la Première Commission, W. H. Keelson. Pp. x+460. (Leiden: Eduard Ijdo.)

Government of India: Meteorological Department. Magnetic, Meteorological and Seismographic Observations made at the Government Observatories, Bombay and Alibag, in the Year 1930, under the direction of Dr. S. K. Banerji. Pp. iv+149+5 plates. (Calcutta: Government of India Central Publication Branch.) 12.6 rupees; 20s.

Department of Marine, Canada. Monthly Record of Meteorological Observations in the Dominion of Canada, and in Bermuda and Newfoundland, September 1930. Pp. 53. (Ottawa: F. A. Acland.) 1 dollar per annum.

Commonwealth of Australia: Council for Scientific and Industrial Research. Pamphlet No. 36: Fibre Boards, their Uses and the Possibilities of their Manufacture in Australia. By R. F. Turnbull. (Division of Forest Products, Technical Paper No. 6.) Pp. 51. (Melbourne: H. J. Green.)

Journal of Science of the Hiroshima University. Series B, Div. 1 (Zoology), Vol. 2, Articles 1-3, December. Pp. 47+8 plates. (Tokyo: Maruzen Co., Ltd.) 95 sen.

Pamiętnik obchodu Pięćdziesięciolecia Kasy im. Mianowskiego, 1881-1931. Pp. ii+88+4 plates. (Warszawa: Kasa imienia Mianowskiego.)

Proceedings of the American Academy of Arts and Sciences. Vol. 67, No. 11: The Eclipsing Binaries RW Arae and SW Ophiuchi. By Martha B. Shapley. Pp. 537-550. 40 cents. Vol. 67, No. 12: The Purification and Physical Properties of Organic Compounds. I: The Interpretation of Time-Temperature Curves in Freezing Point Determinations and as a Criterion of Purity. By Evald L. Skau. Pp. 551-576. 60 cents. (Boston, Mass.)

Publications of the Observatory of the University of Michigan. Vol. 5, No. 3: A Spectrographic Study of RT Aurigae. By R. M. Petrie. Pp. 9-37. (Ann Arbor, Mich.)

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 710: Surface Water Supply of Hawaii, July 1, 1929, to June 30, 1930. Pp. v+101. 10 cents. Water-Supply Paper 714: Surface Water Supply of the United States, 1931. Part 4: St. Lawrence River Basin. Pp. v+160. 15 cents. Water-Supply Paper 719: Surface Water Supply of the United States, 1931. Part 9: Colorado River Basin. Pp. v+121. 10 cents. Water-Supply Paper 721: Surface Water Supply of the United States, 1931. Part 11: Pacific Slope Basins in California. Pp. xi+497. 50 cents. (Washington, D.C.: Government Printing Office.)

Education, India. Education in India in 1930-31. Pp. iv+81. (Calcutta: Government of India Central Publication Branch.) 1.8 rupees; 2s. 6d.

Canada: Department of Mines: Mines Branch. Investigations in Ore Dressing and Metallurgy (Testing and Research Laboratories) 1931. (No. 728.) Pp. iv+183+2 plates. (Ottawa: F. A. Acland.)

Journal of the Indian Institute of Science, Vol. 15A, Part 8: Organic Manure from Sewage, Town Refuse and Waste Vegetation. By J. Jagannatha Rao and V. Subrahmanyam. Pp. 89-106. (Bangalore.)

Transactions of the Mining and Geological Institute of India. Vol. 27, Part 3, December. Pp. 155-260+5 plates. (Calcutta.) 4 rupees.

Science Reports of the Tokyo Bunrika Daigaku. Section B, No. 11: A Short Note on the Chromosomes of Crickets. By Hikokuro Honda and Shigemori Iriki. Pp. 133-135. (Tokyo: Maruzen Co., Ltd.) 10 sen.

Memoirs of the Faculty of Science and Agriculture, Taihoku Imperial University. Vol. 5, No. 4: The Activation of Air by the Electrodeless Ring Discharge, by B. Arakatsu and K. Kimura; The Electrodeless Ring Discharge through Potassium Vapour, by B. Arakatsu and Y. Uemura. Pp. 143-161+4 plates. Vol. 5, No. 5: On the Anomalous Absorption of γ -Rays. By B. Arakatsu. Pp. 163-168. (Tokyo: Maruzen Co., Ltd.)

The Indian Forest Records. Vol. 17, Part 5: The Importance of the Origin of Seed used in Forestry. By H. G. Champion. Pp. vii+76+12 plates. 2.12 rupees; 5s. Vol. 17, Part 6: New Cerambycidae from India (Coleoptera). By W. S. Fisher. Pp. ii+8. 2 annas; 3d. Vol. 17, Part 4: The Sutejil Deodar, its Ecology and Timber Production. By Dr. R. MacLagan Gorrie. Pp. iv+140+6 plates. 3.2 rupees; 5s. 6d. (Calcutta: Government of India Central Publication Branch.)

Union of South Africa: Department of Agriculture. Eighteenth Report of the Director of Veterinary Services and Animal Industry, Onderstepoort, Pretoria, August, 1932. Part 1. Pp. vii+523. Part 2. Pp. 625-1094. (Pretoria: Government Printer.) 10s.

Scientific Papers of the Institute of Physical and Chemical Research. No. 403: Moving Striation and Anode Spots in Neon Tubes. By Toshio Takamine, Taro Suga and Asao Yanagihara. Pp. 63-69. 15 sen. Nos. 404-408: Stereochemistry of Aliphatic Ketoxime, by Shu Furukawa; Studies on the Flavour of "Kasutvishochu", by Kenjiro Shoji; Über die Polymerisierung der Methyl-ester höherer ungesättigter Fettsäuren, 11: Über die Struktur des Dimers von Methyl-ester der Lindsäure, by Kiichiro Kino; On the Phosphorescence in Human Tissues, Part 1: The Proof of the Phosphorescence in Normal Tissues and its Measurement, by Shirobee Hoshijima; On the Motion of a Peculiar Type of Body falling through Air—Camellia Flower, by Torahiko Terada and Tsvokuro Utigasaki. Pp. 71-127+ plates 7-10. 60 sen. (Tokyo: Iwanami Shoten.)

Canada, 1933: the Official Handbook of Present Conditions and Recent Progress. Pp. 192. (Ottawa: Dominion Bureau of Statistics; London: High Commissioner for Canada.) 25 cents.

U.S. Department of the Interior: National Park Service. Plants of Rocky Mountain National Park. By Ruth E. Ashton. Pp. iv+157. (Washington, D.C.: Government Printing Office.) 25 cents.

Astronomische Abhandlungen der Hamburger Sternwarte in Bergedorf. Band 4, Nr. 2: Untersuchungen über die veränderlichen Sterne im Kugelsternhaufen Messier 53. By Erwin Gotte. Pp. 37-51+2 plates. (Bergedorf.)

Smithsonian Miscellaneous Collections. Vol. 89, No. 3: The Kämpfometer, a New Instrument of Extreme Sensitiveness for Measuring Radiation. By C. G. Abbot. (Publication 3211.) Pp. 5. (Washington, D.C.: Smithsonian Institution.)