

Jan. 19. MARTIN KOFLER: Distribution of precipitations according to their diurnal periods. FRIEDRICH HERNEGGER: Sensitive methods for the detection of uranium in spring waters and deposits. For determining the traces of uranium present in radium-containing springs, the chemical method with potassium ferrocyanide and methods based on fluorescence have been investigated. JOSEF HOFFMANN: Alkali- and barium-silver chlorides. Huantajayite and similar sodium-silver chlorides artificially prepared remain unchanged in sunlight, but if the content of silver chloride is increased, the compounds become sensitive to light. The coloration of huantajayite under radium irradiation is similar to that of natural rock-salt, but the irradiated pressed mineral exhibits no colour changes. The colours of potassium-, barium-, and caesium-silver chlorides are considered. RUDOLF TOTH: Geology of the "Schneeberg" region. VIKTOR PIETSCHMANN: Three new fish species (Cyprinides) from Asia Minor. These species are: *Acanthorutilus handlirschi* nov. spec., *Varicorhinus pestai* nov. spec., and *Schizothorax prophylax* nov. spec.

Forthcoming Events

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

Monday, May 15

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Prof. Giotto Dainelli (and others): "The Geographical Work of H.R.H. the Late Duke of the Abruzzi".

Tuesday, May 16

BRITISH SCIENCE GUILD, at 4.30.—(Research and Development Lecture in the Carpenters' Hall, Throgmorton Avenue, E.C.2.)—Sir Harold Carpenter: "Metals in the Service of Human Life and Industry".

ROYAL PHOTOGRAPHIC SOCIETY.—Dr. G. M. B. Dobson: "The Significance of Ozone in the Atmosphere and its Measurement by Photographic and Photoelectric Methods".

Wednesday, May 17

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, at 3.15.—Dr. R. H. Crowley: "Child Guidance".*

ROYAL SOCIETY OF ARTS, at 4.30.—Prof. Maiuri (director of excavations at Pompeii and Herculaneum): "The Recent Excavations of Herculaneum and Pompeii".

FOLK-LORE SOCIETY, at 8.—(at University College, Gower Street, W.C.1.)—Sir Reginald F. Johnston: "Tree Worship and Holy Wells in China".

Friday, May 19

ROYAL SOCIETY OF ARTS, at 4.30.—Sir Arnold T. Wilson: "The Suez and the Panama Canals—a Comparison".

BEDSON CLUB, at 6.30.—(in the Chemistry Theatre, Armstrong College, Newcastle-upon-Tyne.)—Prof. A. Harden: "The Chemistry of Fermentation".

ROYAL INSTITUTION, at 9.—Dr. V. M. Slipper: "Planet Studies at the Lowell Observatory".

THIRD GLASS CONVENTION, May 18–20. To be held at Buxton.

Official Publications Received

GREAT BRITAIN AND IRELAND

Ancient Monuments of Great Britain. List of Monuments prepared by the Commissioners of Works (to December 31, 1932). Pp. 72. (London: H.M. Stationery Office.) 1s. 3d. net.

The Journal of the Royal Agricultural Society of England. Vol. 93. Pp. 7+388+clxx+xii+12. (London: John Murray.) 15s.

Science and the Community. By Dr. Alexander Findlay. Pp. 18. (London: Institute of Chemistry.)

Annual Report of the Council of the Yorkshire Philosophical Society for the Year 1932 presented to the Annual Meeting, February 13, 1933. Pp. 44+31. (York.)

The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 72, No. 436, April. Pp. 269–364+xvi. (London: E. and F. N. Spon, Ltd.) 10s. 6d.

The Board of Greenkeeping Research. Report for 1932. Pp. 32. The Journal of the Board of Greenkeeping Research. Vol. 3, No. 8. Pp. viii+56+xxxv+8 plates. 2s. 6d. (Bingley: St. Ives Research Station.)

Modern Technology: a Select List of Recent Books available at the Coventry Public Libraries. Pp. 16. (Coventry.)

Department of Health for Scotland. Third Report of the Scottish Advisory Committee on Rivers Pollution Prevention. Rivers Leven and Ore (Fife). Pp. 46. (Edinburgh and London: H.M. Stationery Office.) 9d. net.

Reports of the Council and Auditors of the Zoological Society of London for the Year 1932, prepared for the Annual General Meeting to be held on Friday, April 28, 1933. Pp. 99. (London.)

The Buckland Foundation (1926). The Buckland Lectures, First Series for 1929. i. Frank Buckland's Life and Work; ii. Fish Farming—Old and New; iii. The Balance of Life in the Sea. By Prof. W. Garstang. Pp. 46. (Aberdeen: The Fishing News.) 6d.

Economic Advisory Council: Committee on Locust Control. The Locust Outbreak in Africa and Western Asia, 1925–31. Survey prepared by B. P. Uvarov. Pp. 87+13 maps. (London: H.M. Stationery Office.) 5s. net.

Fumifugium: or the Inconvenience of the Aer and Smoake of London Dissipated. By John Evelyn. First published in 1661 and reprinted with an Introduction by Rose Macaulay. Pp. 42. (Manchester: National Smoke Abatement Society.) 6d. net.

Science Library. Bibliographical Series, No. 82: Plastics. Pp. 104. (London: Science Museum.) 5s.

OTHER COUNTRIES

Reale Accademia d'Italia. Fondazione Alessandro Volta. Viaggi di Studio et Esplorazioni, 1: Viaggi di Studio ed Esplorazioni. Pp. 78. (Roma: Reale Accademia d'Italia.) 8 lire.

Publications of the Dominion Observatory, Ottawa. Vol. 10: Bibliography of Seismology. No. 16: October, November, December, 1932. By Ernest A. Hodgson. Pp. 265–286. (Ottawa: F. A. Acland.) 25 cents.

Transactions of the San Diego Society of Natural History. Vol. 7, No. 19: A Pleistocene Record of the Flammulated Screech Owl. By Love Miller. Pp. 209–210. Vol. 7, No. 20: Granitic Domes of the Mohave Desert, California. By William Morris Davis. Pp. 211–258+plates 12–15. Vol. 7, No. 21: Notes on the Foraminifera of the Type merged at Seven Mile Beach, San Mateo County, California. By Roscoe E. and Katherine C. Stewart. Pp. 259–272+plates 16–17. Vol. 7, No. 22: A New Species of Echinoid from Ramaulipas, Mexico, by Merle C. Israelsky; and A New Gryphoid Oyster from the Eocene of California, by Leo George Hertlein. Pp. 273–282+plate 18. Vol. 7, No. 23: A Northern Race of *Melozona rubricatum* (Cabanis). By A. J. van Rossem. Pp. 283–284. (San Diego, Calif.)

Iowa Geological Survey. Vol. 35: Annual Report, 1929; with accompanying Papers. Pp. 548. (Des Moines, Iowa.)

Cornell University: Agricultural Experiment Station. Memoir 142: Wholesale Prices for 213 Years, 1720 to 1932. Part 1: Wholesale Prices in the United States for 135 Years, 1797 to 1932, by G. E. Warren and F. A. Pearson; Part 2: Wholesale Prices at New York City, 1720 to 1800, by Herman M. Stoker. Pp. 222. (Ithaca, N.Y.)

Proceedings of the United States National Museum. Vol. 82, Art. 7: A Fossil Rhinoceros (*Diceratherium armatum* Marsh) from Gallatin County, Montana. (No. 2948.) Pp. 4+3 plates. (Washington, D.C.: Government Printing Office.)

Journal of the Faculty of Agriculture, Hokkaido Imperial University, Sapporo, Japan. Vol. 29, Part 5: The Phytogeography of the Middle Kuriles. By Misao Tatewaki. Pp. 191–363+7 plates. (Tokyo: Maruzen Co., Ltd.)

Brooklyn Botanic Garden Record. Vol. 22, No. 2: Twenty-second Annual Report of the Brooklyn Botanic Garden, 1932. Pp. 165. (Brooklyn, N.Y.)

Smithsonian Miscellaneous Collections. Vol. 89, No. 5: Forecasts of Solar Variation. By C. G. Abbot. (Roebling Fund.) (Publication 3214.) Pp. 5. (Washington, D.C.: Smithsonian Institution.)

Report of the Aeronautical Research Institute, Tōkyō Imperial University, No. 94: On the Moment of the Force acting on a Flat Plate placed in a Stream between two Parallel Walls. By Susumu Tomotika. Pp. 357–393. 40 sen. No. 95: A Speedometer which Indicates True Air-speeds. By Tatudirō Sasaki and Tokurō Yoshida. Pp. 395–415. 30 sen. (Tōkyō: Kōsei-kai Publishing House.)

Geological Survey Department, Tanganyika Territory. Short Paper No. 11: The Eastern Extension of the Lupa Goldfield (Ipogolo, Sengambi, Shoga). By Dr. D. R. Grantham. Pp. ii+9. (Dar es Salaam: Government Printer.) 1s.

Zoologica: Scientific Contributions of the New York Zoological Society. Vol. 12, No. 9: New Species of Fish from the West Indies. By William Beebe and Gloria Hollister. Pp. 83–88. (New York City.)

Smithsonian Institution: Frer Gallery of Art. Oriental Studies No. 1: The Story of Kālaka: Texts, History, Legends and Miniature Paintings of the Svetāmbara Jain Hagiographical Work. By Prof. W. Norman Brown. (Publication 3137.) Pp. viii+149+15 plates. (Washington, D.C.: Smithsonian Institution.)