

Fuego. ALEXANDER ROLLETT and RUDOLF PETER : β -Amyrin from Manila elemi resin (6) : Resins and resin substances (9). ROBERT MÜLLER, H. KUMPF-MÜLLER, E. PINTER and B. v. SEEBACH : Electrochemistry of non-aqueous solutions (9) : Measurement of the E.M.F. of Ag-AgNO₃ concentration cells in nine organic solvents and comparison with the values calculated from conductivity measurements. ELFRIEDE ALMOSLECHNER : Yeast-growth substances in *Boletus edulis* and in urine. RUDOLF SIEBER : Palæobiological investigations on the fauna of the Röteland-Riff mass in the northern Osterhorn group.

Oct. 26. GUSTAV ORTNER and GEORG STETTER : Use of pure nitrogen for ionisation chambers. The use of nitrogen offers advantages over that of hydrogen or of the rare gases. GEORG KOLLER and KARL PÖPL : Capruric acid. The compound C₂₀H₁₈O₆ obtained by the alcoholysis of capruric acid is found to be identical with cetruric acid. KASIMIR GRAFF : Colorimetric review of the stars up to magnitude 5 between the north pole and 40° south declination. ANTON E. MAYER : Construction of the seven neighbour-regions (*Nachbargebiete*) on the torus. OTHENIO ABEL : Further contributions to the explanation of the creep-traces in the Greifenstein sandstone of the Wienerwald.

Forthcoming Events

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

Monday, January 8

BRITISH MUSEUM (NATURAL HISTORY), at 11.30.—Capt. Guy Dollman : "African Antelopes".*

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—J. T. Sander-son : "An Expedition in British Cameroons".

Tuesday, January 9

PHARMACEUTICAL SOCIETY, at 8.30.—(at 17, Bloomsbury Square, London, W.C.1). Prof. I. M. Heilbron : "Isoprene as a Fundamental Unit in the Synthesis of Plant Products".*

Thursday, January 11

UNIVERSITY COLLEGE, LONDON, at 5.30.—Prof. C. H. Best : "The Role of the Liver in the Metabolism of Carbohydrates and Fat" (succeeding lectures on January 15 and 18).*

Official Publications Received

GREAT BRITAIN AND IRELAND

Proceedings of the Royal Irish Academy. Vol. 41, Section B, No. 16 : The Geology of North-Eastern Tyrone and the adjacent Portions of County Londonderry. By J. J. Hartley. Pp. 217-285 + plates 13-18. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 3s. 6d.

Royal Society of Arts. Report on the Competition of Industrial Designs. Pp. 40. (London: Royal Society of Arts.)

Proceedings of the Royal Society of Edinburgh, Session 1933-1934. Vol. 54, Part 1, Nos. 1, 2 : i. On Fitting Polynomials to Weighted Data by Least Squares; ii. On Fitting Polynomials to Data with Weighted and Correlated Errors. By Dr. A. C. Aitken. Pp. 16. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 1s. 6d.

Economic Advisory Council: Committee on Locust Control. The Locust Outbreak in Africa and Western Asia in 1932. Survey prepared by B. P. Uvarov. Pp. 74 + 11 maps. (London: H.M. Stationery Office.) 3s. net.

Transactions of the Royal Society of Edinburgh. Vol. 57, Part 3, No. 31 : Studies on the Reproductive System in the Guinea-Pig; Post-Partum Repair of the Uterus, and the Associated Appearances in the Ovaries. By Thomas Nicol. Pp. 765-775 + 2 plates. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 2s. 3d.

University of Bristol. Annual Report of Council to Court, 1932-33. Pp. 47. (Bristol.)

OTHER COUNTRIES

Bernice P. Bishop Museum: Occasional Papers. Vol. 10, No. 2 : The Lizards of the Marquesas Islands. By Karl P. Schmidt and Walter L. Necker. (Pacific Entomological Survey; Publication 5.) Pp. 11. Vol. 10, No. 3 : Cypraea from Hawaii. By F. A. Schilder. Pp. 22. Vol. 10, No. 4 : Lysimachia, Labordia, Scaevola and Pluchea; Hawaiian Plant Studies, 1. By Harold St. John. Pp. 10. Vol. 10, No. 5 : Cryptochirus of the Central Pacific. By Charles Howard Edmondson. Pp. 23. Vol. 10, No. 6 : New Species of Amastridae. By C. Montagu Cooke, Jr. Pp. 27 + 2 plates. Vol. 10, No. 7 : Some Allis of the Migratory Period. By Bruce Cartwright. Pp. 11. Vol. 10, No. 8 : Notes on Pteralyxia. By Edward L. Caum. Pp. 24. Vol. 10, No. 9 : The Exotic Birds of Hawaii. By Edward L. Caum. Pp. 55. (Honolulu.)

Obras Completas y Correspondencia Científica de Florentino Ameghino. Vol. 10 : Mamíferos Fósiles de Patagonia y otras Cuestiones. Dirigida por Alfredo J. Torcelli. Pp. 870. (La Plata.)

Memoirs of the Geological Survey of India. Vol. 55, Part 2 : The Geology of the part of the Attock District West of Longitude 72°45' E. By Dr. G. de P. Cotter. Pp. viii + 63-161 + xvi + plates 11-19. 5.4 rupees : 8s. 6d. Vol. 64, Part 1 : Barytes in the Ceded Districts of the Madras Presidency, with Notes on its Occurrence in other Parts of India. By A. L. Coulson. Pp. viii + 142 + xii + 5 plates. 3.14 rupees; 6s. 6d. (Calcutta: Central Book Depot; Delhi: Manager of Publications.)

Whangpoo Conservancy Board. General Series, Report No. 10 : The Hydrography of the Whangpoo. Fourth edition. Pp. v + 80. (Shanghai.) 3 dollars.

Journal of the Faculty of Science, Imperial University of Tokyo. Section 1 : Mathematics, Astronomy, Physics, Chemistry. Vol. 2, Part 9 : Sur la théorie du corps de classes dans les corps finis et les corps locaux. Par Claude Chevalley. Pp. 365-476. 1.40 yen. Section 3 : Botany. Vol. 4, Part 2 : Systematic and Anatomical Studies on some Japanese Plants. 2 (Juncaceae). By Yosiusuke Satake. Pp. 131-223 + 4 plates. 1.80 yen. (Tokyo: Maruzen Co., Ltd.)

The British South Africa Co. Publication No. 2 : Mazoe Citrus Experimental Station Report for Period ending 31 December 1932. Pp. xx + 192. (Mazoe: Citrus Experimental Station; London: British South Africa Co.)

The Bashford Dean Memorial Volume. Archaic Fishes. Edited by Eugene Willis Gudger. Article 5 : The Natural History of the Frilled Shark *Chlamydoselachus anguineus*. By Eugene W. Gudger and Prof. Bertram G. Smith. Pp. 243-319 + 5 plates. (New York City: American Museum of Natural History.)

Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Verhandeligen No. 24 : Regenval in Nederlandsch-Indie (Rainfall in the Netherlands Indies). Door (by) Prof. Dr. J. Boerema. Deel (Vol.) 4 : Kaarten van den gemiddelden jaarlijkschen en maandelijkschen regenval op Celebes (Maps of the Mean Annual and Monthly Rainfall in Celebes). 13 maps. (Batavia.)

Ministry of Finance, Egypt: Coastguards and Fisheries Service: Fisheries Research Directorate. Notes and Memoirs, No. 1 : Mmoire sur l'organisation des recherches de pêcheries. Par Dr. Hussein Faouzi. Pp. iii + 16. Notes and Memoirs, No. 3 : An Examination of Plankton Hauls made in the Suez Canal during the year 1928. By Dr. R. Macdonald. Pp. 11 + 1 plate. Notes and Memoirs, No. 4 : Report on Fish Eggs and Larvae taken during 1931. By Dr. R. H. Whitehouse. Pp. 22. Notes and Memoirs, No. 5 : The Pharynx and Intestinal Tract of the Egyptian Mullet—*Mugil cephalus* and *Mugil capito*. Part 1 : On the Food of Mullet from Egyptian Waters. By F. M. Ghazzawi. Pp. ii + 18. Rapport sur les pêcheries d'Egypte en 1931. Par Dr. Hussein Faouzi. Pp. vii + 119. (Cairo: Government Press.)

Japanese Journal of Astronomy and Geophysics. Transactions and Abstracts, Vol. 11, No. 1. Pp. ii + 66 + 20. (Tokyo: National Research Council of Japan.)

Proceedings of the Imperial Academy. Vol. 9, No. 8, October. Pp. xxi-xxiii + 347-460. (Tokyo.)

Conseil Permanent International pour l'Exploration de la Mer. Bulletin statistique des pêches maritimes des pays du nord et de l'ouest de l'Europe. Rédigé par D'Arcy Wentworth Thompson. Vol. 21 : Pour l'année 1931. Pp. 79. (Copenhagen: Andr. Fred. Hest et fils.) 3.00 kr.

The Imperial Council of Agricultural Research. Scientific Monograph No. 7 : Influence of Manures on the Wilt Disease of *Cajanus indicus* Spreng, and the Isolation of Types resistant to the Disease. By Dr. W. McRae and Dr. F. J. F. Shaw. Pp. iii + 63 + 16 plates. (Delhi: Manager of Publications.) 2.4 rupees; 4s. 3d.

New Zealand: State Forest Service. Annual Report of the Director of Forestry for the Year ended 31st March 1933. Pp. 15. (Wellington: Government Printer.)

U.S. Department of Agriculture. Technical Bulletin No. 366 : Further Investigations of the Parasites of *Popillia japonica* in the Far East. By C. P. Clausen, H. A. Jaynes and T. R. Gardner. Pp. 59. (Washington, D.C.: Government Printing Office.) 5 cents.

CATALOGUES, ETC.

Calendar for 1934. (Newcastle-on-Tyne: C. A. Parsons and Co., Ltd.) Glycine B.D.H. (Aminoacetic Acid). Pp. 4. (London: The British Drug Houses, Ltd.)

A Catalogue of Everything X-Ray. Pp. 68. (London: Cuthbert Andrews.)

Calendar for 1934. (London: British Museum (Natural History).)

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