

Long-chain compounds appear to show a two-dimensional isomorphism, which is independent of the active terminal groups and persists when CH_3 groups are replaced at long intervals by CO or by O. G. B. BONINO and R. MANZONI-ANSIDEI: Raman spectrum of some derivatives of pyrrole. All the alkyl-substituted pyrroles investigated give the two 'pyrrole ring' lines at $1,460\text{--}1,520\text{ cm.}^{-1}$ and $1,370\text{--}1,390\text{ cm.}^{-1}$. G. GOIDANICH: Observations on a rare disease of clover in Italy: anthracnose of *Kabatiella caulivora* (Kirchn.), Karak. M. MITOLO: Presence and distribution of reducing substances in brain tissue. Values are given of the reducing power of different parts of the brain tissue of toads, rats, pigeons, rabbits, cats, sheep, horses and oxen.

Forthcoming Events

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

Monday, May 4

VICTORIA INSTITUTE, at 4.30.—Dr. H. C. Morton: "The Supposed Evolutionary Origin of the Soul".

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, at 5.30.—Prof. G. T. Morgan, F.R.S.: Hofmann Memorial Lecture.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Baroness Ravensdale: "Persia in 1935".

Tuesday, May 5

INSTITUTE OF PATHOLOGY AND RESEARCH, ST. MARY'S HOSPITAL, LONDON, at 5.—Dr. F. L. Pyman, F.R.S.: "Recent Researches in Chemotherapy".

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, at 5.30.—Prof. A. Butenandt: "Biochemistry of the Sterol Group" (succeeding lectures on May 7 and 8).*

INSTITUTION OF CIVIL ENGINEERS, at 6.—E. F. Relf: "Modern Developments in the Design of Aeroplanes" (James Forrest Lecture).

Wednesday, May 6

ROYAL SOCIETY OF ARTS, at 8.—G. Mackenzie Junner: "The Oil Engine and its Influence on Road, Rail and Air Transport".

INSTITUTE OF METALS, at 8.—(at the Institution of Mechanical Engineers, Storey's Gate, S.W.1).—C. C. Paterson: "The Escape of Electricity from Metals: its Practical Consequences" (Annual May Lecture).

Thursday, May 7

BEDFORD COLLEGE FOR WOMEN, at 5.15.—Sir Edward Poulton, F.R.S.: "Ants".*

ROYAL VETERINARY COLLEGE, at 5.30.—Prof. Henry Dryerre and Dr. J. Russell Greig: "Mineral Deficiency Diseases of Farm Animals" (succeeding lecture on May 8).*

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—Annual General Meeting.

Dr. E. Mallet: "Television—An Outline" (Faraday Lecture).

Friday, May 8

BEDSON CLUB (ARMSTRONG COLLEGE, NEWCASTLE UPON TYNE), at 6.30.—Dr. C. H. Desch, F.R.S.: "The Chemical Properties of Metals" (Bedson Lecture).

ROYAL INSTITUTION, at 9.—Sir William Bragg, Pres. R.S.: "The Electric Properties of Crystals (II)".

IRON AND STEEL INSTITUTE, May 7–8.—Annual Meeting to be held at the Institution of Civil Engineers, Great George Street, London, S.W.1.

Official Publications Received

Great Britain and Ireland

County Borough of Southport: Meteorological Department: The Fernley Observatory, Southport. Report and Results of Observations for the Year 1934, with an Appendix. By Joseph Baxendell. Pp. 32. (Southport: Fernley Observatory.) [303]

The Nutritive Value of Milk. Memorandum by the Advisory Committee on Nutrition, issued by the Ministry of Health and the Department of Health for Scotland. Pp. 12. (London: H.M. Stationery Office.) 3d. net. [303]

Ministry of Health. Costing Returns, Year ending 31st March 1935. Pp. 24. (London: H.M. Stationery Office.) 1s. net. [303]

Rothamsted Conferences. 21: The Use of Electricity in Agriculture: being a Report of a Conference held at Rothamsted on January 29th, 1936, under the Chairmanship of Sir Bernard E. Greenwell. Contributions by Sir E. J. Russell, M. M. Harvey, B. A. Keen and G. H. Cashen, F. E. Rowland, C. A. Cameron Brown, and others. Pp. 77. (Harpenden: Rothamsted Experimental Station.) 2s. [14]

Report of the Marlborough College Natural History Society for the Year ending Christmas, 1935. (No. 84.) Pp. 94+8 plates. (Marlborough: Marlborough College.) 5s.; to Members, 3s. [14]

Development Commission. Twenty-fifth Report of the Development Commissioners, being for the Year ended 31st March 1935. Pp. 141. (London: H.M. Stationery Office.) 2s. 6d. net. [14]

Interim Report of the Departmental Committee on the Ordnance Survey. Pp. 16. (London: H.M. Stationery Office.) 3d. net. [24]

The Economic Proceedings of the Royal Dublin Society. Vol. 8, No. 1: Factors influencing the Loss of Butterfat in Churning. By J. Lyons and M. O'Shea. Pp. 18. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s. [24]

Other Countries

Veröffentlichungen des Geophysikalischen Instituts der Universität Leipzig. Zweite Serie: Spezialarbeiten aus dem Geophysikalischen Institut und Observatorium. Band 7, Heft 1: Die Singularität im Druckverlauf Ende November, ihr innerer Aufbau und ihr Einfluss auf den Temperaturverlauf Europas im Dezember (Weihnachtstauwetter). Von Fritz Engelmann. Pp. 52+16 maps+3 plates. Band 7, Heft 2: Horizontale und vertikale Staubverteilung in einer Grossstadt. Von Alfred Löbner. Pp. 53+100+9 plates. Band 7, Heft 3: Zur Theorie der Luftspiegelungen insbesondere des elliptischen Falles. Von Wolf-Egbert Schiele. Pp. 101+188. (Leipzig: Geophysikalischen Institut.) [14]

U.S. Department of Agriculture. Circular No. 381: Rodents and Moles as pests in Bulb Plantings. By Theo. H. Scheffer and F. E. Garlough. Pp. 16. 5 cents. Technical Bulletin No. 504: *Orius insidiosus* (Say), an Important Natural Enemy of the Corn Ear Worm. By G. W. Barber. Pp. 24. 5 cents. (Washington, D.C.: Government Printing Office.) [14]

Smithsonian Miscellaneous Collections. Vol. 95, No. 2: Lethal Effect of Short Wave Lengths of the Ultraviolet on the Alga *Chlorella vulgaris*. By Florence E. Meier. (Publication 3380.) Pp. 19+2 plates. Vol. 95, No. 3: Liquid-Propellant Rocket Development. By Robert H. Goddard. (Publication 3381.) Pp. 10+11 plates. (Washington, D.C.: Smithsonian Institution.) [14]

Koninklijk Nederlandsch Meteorologisch Instituut. No. 115: Oceanographische en meteorologische Waarnemingen in de Chinese Zeeën en in het Westelijk Deel van den Noord Stillen Oceaan. 1: Maandkaarten voor Januari-Juni (1910-1930). Pp. 48. ('s-Gravenhage: Rijksuitgeverij.) 7.50 fl. [14]

League of Nations. Bulletin of Information on the Work of International Organisations. Compiled by the Section of International Bureaux. (No. 2, Vol. 7.) Pp. 93-206. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) [34]

Obras completas y Correspondencia científica de Florentino Ameghino. Vol. 19: Obras póstumas y truncas. Edición Oficial ordenada por el Gobierno de la Provincia de Buenos Aires. Dirigida por Alfredo J. Torcelli. Pp. 1042. (La Plata.) [64]

Osiris. Vol. 2, Part 2: Speech Consciousness among Egyptians and Babylonians. By Henry Frederick Lutz. Pp. 27. (Bruges: Saint Catherine Press, Ltd.) [64]

The Parliament of the Commonwealth of Australia. Ninth Annual Report of the Council for Scientific and Industrial Research for the Year ended 30th June 1935. Pp. 108. (Canberra: Government Printer.) 4s. 8d. [64]

Studja nad Bocianem Białym w Polsce (Studies on the Stork (*Ciconia ciconia* L.) in Poland.) 2: Bocian na Polskim Śląsku (The Stork in Polish Silesia). By Kazimierz Wodzicki. Pp. 20. 3: Bocian w Województwie Lwowskim (The Stork in the Voivodship of Lwów). By Kazimierz Wodzicki. Pp. 44. (Kraków: Państwowej Rady Ochrony Przyrody.) [74]

Państwowe Muzeum Archeologiczne. Wiadomości Archeologiczne, Odbitka z tomu 13: Studja nad Prehistorycznymi Psami Polski (Studen über vorgeschichtliche Hunde Polens). By Kazimierz Wodzicki. Pp. 74+7 plates. (Warszawa: Państwowe Muzeum Archeologiczne.) [74]

Catalogues

Hortvet Cryoscope. (Circular No. 277B.) Pp. 2. Chemical Products. (Pamphlet No. 287.) Pp. 4. Useful Laboratory Requisites. (Circular No. 304.) Pp. 2. Humidity Controlled Cabinet. (Circular No. 305.) Pp. 2. (London: A. Gallenkamp and Co., Ltd.)

Books on Botany, Gardens and Gardening, Forestry and Agriculture, with a section of Herbars. (Catalogue No. 599.) Pp. 34. (London: Francis Edwards, Ltd.)

Chemie, Physik. 14 Verzeichnis antiquarischer Bücher und Zeitschriften nebst Novitätenliste. Pp. 32. (Berlin: Verlag Chemie, G.m.b.H.)