

of the double-bond. R. MANZONI-ANSIDEI: Raman spectrum of dimethylfurazan and of dimethyl-oxdiazole. G. B. BONINO, R. MANZONI-ANSIDEI and D. DINELLI: Raman spectrum of some substituted pyrrole aldehydes. These all have an intense, diffuse line at 1,620–1,650 cm^{-1} due to the strongly perturbed C=O group, and a line at 1,560–1,570 cm^{-1} , which is probably due to a double bond. A. MANGINI: Condensation products of oximes with aromatic diazo compounds. A. ORRÛ: Behaviour of the electrical conductivity of hen's egg yolk at increasing and decreasing temperatures. There is no hysteresis phenomenon in the case of egg yolk. D. DINELLI: Colouring substances in the shell of cassowary eggs. M. FIORE: Presence of *Wielandiella angustifolia*, Nath., in Veronese Lias (Roverè di Velo). F. RODOLICO: Chemical composition of the eruptive rock of Cupaello (Rieti).

Forthcoming Events

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

Monday, May 18

VICTORIA INSTITUTE, at 5.—Sir Ambrose Fleming, F.R.S.: "Some Philosophical Conceptions of Modern Physical Science and their Relation to Religious Thought". (Presidential Address.)

UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL, at 5.30.—Dr. H. M. Traquiar: "Perimetry" (succeeding lecture on May 19).*

KING'S COLLEGE, LONDON, at 5.30.—Dr. Max Born: "Solved and Unsolved Problems of Mathematical Physics" (succeeding lectures on May 19 and 20).*

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Dr. N. A. Mackintosh: "The Third Commission of R.R.S. *Discovery II*".

Tuesday, May 19

ROYAL SOCIETY OF ARTS, at 4.30.—Prof. J. W. Munro: "Insect Damage to Empire Products".

INSTITUTE OF PATHOLOGY AND RESEARCH, ST. MARY'S HOSPITAL, LONDON, at 5.—Prof. J. L. Witts: "The Paroxysmal Hæmoglobinurias".

UNIVERSITY COLLEGE, LONDON, at 5.30.—Prof. Ernst Cassirer: "Leibniz and Newton: a Comparative Study of the Method of Science and Metaphysics" (succeeding lecture on May 21).*

Wednesday, May 20

CONWAY HALL, RED LION SQUARE, W.C.1, at 7.—Prof. Lancelot Hogben: "The Retreat from Reason" (Conway Memorial Lecture).*

Thursday, May 21

UNIVERSITY COLLEGE, LONDON, at 5.30.—Dr. Alfred Adler: "Some Recent Developments in Individual Psychology".*

ROYAL AERONAUTICAL SOCIETY.—(at the Science Museum, South Kensington, S.W.7).—D. R. Pye: "Slippery Surfaces" (Wilbur Wright Memorial Lecture).

Friday, May 22

ASSOCIATION OF SCIENTIFIC WORKERS, at 8.—(at University College, London, W.C.1).—Public meeting on "Utilisation of Science".*

ROYAL INSTITUTION, at 9.—Prof. E. N. da C. Andrade, F.R.S.: "Whirlpools and Vortices".

Official Publications Received

Great Britain and Ireland

Reports of the Council and Auditors of the Zoological Society of London, for the Year 1935, prepared for the Annual General Meeting to be held on Wednesday, April 29th, 1936. Pp. 119. (London: Zoological Society of London.) [154]

University College, Southampton. Avon Biological Research: Annual Report, 1934–35. Pp. 126+3 plates. (Southampton: University College.) 2s. 6d. [154]

University Grants Committee. Report for the Period 1929–30 to 1934–35, including Returns from Universities and University Colleges in receipt of Treasury Grant for Academic Year 1934–35. Pp. 84. (London: H.M. Stationery Office.) 4s. net. [164]

Sixth Report on the Heterogeneity of Steel Ingots: Discussion, Correspondence and Committee's Reply. Reported by a Joint Committee of the Iron and Steel Institute and the British Iron and Steel Federation to the Iron and Steel Industrial Research Council. (Special Report No. 9A: Supplement to Special Report No. 9.) Pp. ii+70. (London: Iron and Steel Institute.) [164]

Waste-Heat Boilers in Open-Hearth Practice: Discussion, Correspondence and Committee's Reply. Second Report of the Open-Hearth Committee, being a Committee of the Iron and Steel Industrial Research Council. (Special Report No. 10A: Supplement to Special Report No. 10.) Pp. ii+63. (London: Iron and Steel Institute.) [174]

Ministry of Health. International Agreement Brussels, 1924: Venereal Diseases. Centres in the Ports at Home and Abroad where Seamen can obtain Treatment. (List 7a, revised.) Pp. 25. (London: H.M. Stationery Office.) 6d. net. [174]

Other Countries

Beiträge zur Mineralogie von Japan. Begründet von T. Wada. Neue Folge, 1. Herausgegeben von T. Ito. Pp. vii+ xviii+259. (Tokyo: Imperial University.) [204]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 94: Fertility in Sheep; Artificial Production of Seminal Ejaculation and the Characters of the Spermatozoa contained Therein. By Dr. R. M. C. Gunn. Pp. 116. Bulletin No. 95 (Radio Research Board Report No. 9): 1. A Study of the Magneto-Ionic Theory of Wave Propagation by means of Conformal Representation, b. Dr. V. A. Bailey; 2. Dispersion and Absorption Curves for Radio Wave Propagation in the Ionosphere according to the Magneto-Ionic Theory, by Dr. D. F. Martyn; 3. A Temperature Compensated Dynatron Oscillator of High Frequency Stability, by J. H. Piddington; 4. The Amplification of Programme Transients in Radio Receivers, by Dr. Geoffrey Bulder; 5. A Multi-Range, Push-Pull, Thermionic Voltmeter, by Dr. Geoffrey Bulder; 6. The Graphical Solution of Simple Parallel-Tuned Circuits, by Dr. Geoffrey Bulder; 7. An Electrical Harmonic Analyser of the Fundamental Suppression Type, by J. H. Piddington. Pp. 71. Pamphlet No. 61: A Discussion of Special Tests on the Compressive Strength of Green Karri (*Eucalyptus diversicolor*). By Ian Langlands. (Division of Forest Products, Technical Paper No. 19.) Pp. 31. (Melbourne: Government Printer.) [204]

Zoologica. Vol. 21, Part 1, Nos. 1 and 2: The Reproductive Habits of the North American Sunfishes (Family Centrarchidae), by C. M. Breder, Jr.; Polychaetous Annelids from the Vicinity of Nonsuch Island, Bermuda, by A. L. Treadwell. Pp. 68+10 plates. (New York: New York Zoological Society.) [204]

The Imperial College of Tropical Agriculture. The Principal's Report for the Year 1934–35 and the Accounts for the Year ended August 31, 1935. Pp. 34. (Trinidad and London: Imperial College of Tropical Agriculture.) [234]

Field Museum of Natural History. Report Series, Vol. 10, No. 3: Annual Report of the Director to the Board of Trustees for the Year 1935. (Publication 354.) Pp. 281+416+plates 25–36. (Chicago: Field Museum of Natural History.) 1 dollar. [244]

University of Nebraska: Conservation Department of the Conservation and Survey Division. Bulletin 12: Relative Efficiency of Roots and Tops of Plants in protecting the Soil from Erosion. By Joseph Kramer and Prof. J. E. Weaver. (Contribution from the Department of Botany, No. 99.) Pp. 94. (Lincoln, Nebr.: University of Nebraska.) [244]

Mémoires du Musée Royal d'Histoire Naturelle de Belgique. No. 68: A Monograph of the Belgian Cretaceous Echinoids. By Jerome S. Smiser. Pp. 98+9 plates. No. 71: Die Plistozänen Baeren Belgiens. Teil 2: Die Baeren vom "Trou du Sureau" (Montaigle). Von Prof. Dr. Kurt Ehrenberg. Pp. 97+6 plates. No. 73: La faune et l'âge des quartzophyllades siegiens de Longlier. Par Eug. Maillieux. Pp. 141+3 plates. Deuxième Série, Fasc. 1: Étude systématique du genre Lepocinclis Perty. Par Dr. W. Conrad. Pp. 85. Deuxième Série, Fasc. 2: Hydriques calypoblastiques des Indes occidentales. Par Dr. Eugène Leloup. Pp. 73. (Bruxelles: Musée Royal d'Histoire Naturelle de Belgique.) [244]

American Philosophical Society. Library: Annual Report for 1935. Pp. 18. (Philadelphia: American Philosophical Society.) [274]

Rensselaer Polytechnic Institute Bulletin. Engineering and Science Series, No. 52: The Dielectric Constant of Mineral Powders. By Joseph L. Rosenholtz and Dudley T. Smith. Pp. 11. (Troy, N.Y.: Rensselaer Polytechnic Institute.) [274]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 96: Observations on *Myszomatosis Canaliculi* (Sanarelli) made with a view to the use of the Virus in the Control of Rabbit Plagues. By Sir Charles J. Martin. Pp. 28. (Melbourne: Government Printer.) [274]

Sixteenth Annual Report of the Research Council of Alberta, 1935. (Report No. 33.) Pp. 44+5 plates. (Edmonton, Alta.: Research Council of Alberta.) 35 cents. [274]

Report of the Aeronautical Research Institute, Tōkyō Imperial University. No. 137: Boundary Interference of Partially Closed Wind Tunnels. By Kazuo Kondo. Pp. 162–190. (Tōkyō: Kōgyō Toshō Kabushiki Kaisha.) 30 sen. [284]