

A Mountain Rain-Forest: a Contribution to the Physiological Plant Geography of Jamaica. Pp. 110. (Washington: Carnegie Institution.)

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South-Eastern Agricultural College, Wye. Third Report on the Cost of Food in the Production of Milk, in the Counties of Kent and Surrey. By C. H. Garrard. Pp. 82. (Wye: South-Eastern Agricultural College.)

Proceedings of the Cambridge Philosophical Society. Vol. xviii. Part 1. (Cambridge University Press.)

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Pumping by Compressed Air. By E. M. Ivens. Pp. vi+244. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 12s. 6d. net.

Foundations. By Prof. M. A. Howe. Pp. vii+110. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 5s. 6d. net.

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Department of the Interior. U.S. Geological Survey. Water Supply Paper, 327, 345 E, 345 F. Bulletin 548, 550, 574, 579, 581 B. (Washington: Government Printing Office.)

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Smithsonian Miscellaneous Collections. Vol. Ixii. No. 3. Hodgkins Fund: Report on European Aeronautical Laboratories. By Dr. A. F. Zahm. (Washington: Smithsonian Institution.)

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Leland Stanford Junior University Publications. The Birds of the Latin Poets. By Prof. E. W. Martin. Pp. 260. Acceleration of Development in Fossil Cephalopoda. By Prof. J. P. Smith. Pp. 30+xv plates. A Morphological Study of Some Members of the Genus *Pallavicinia*. By Prof. D. H. Campbell and F. Williams. Pp. 44. (California: Stanford University.)

## DIARY OF SOCIETIES.

### THURSDAY, NOVEMBER 5.

ROYAL SOCIETY, at 4.30.—Acquired Radio-Activity: Sir William Crookes. Luminous Vapours Distilled from the Arc, with Applications to the Study of Spectrum Series and their Origin. II.: Hon. R. J. Strutt.—The Production of Neon and Helium by the Electrical Discharge: Prof. J. N. Collie, H. S. Patterson, and I. Masson.—The Flow of Viscous Fluids through Smooth Circular Pipes: Prof. C. H. Lees.—Quantitative Measurements of the Absorption of Light. I.: The Molecular Extinctions of the Saturated Aliphatic Ketones: F. O. Rice.—The Ignition of Gases by Condenser Discharge Sparks: Prof. W. M. Thornton.—The Spark Spectrum of Nickel under Moderate Pressures: E. G. Bilham.

CHILD STUDY SOCIETY, at 7.30.—Classification of the Deaf Child for Educational Purposes: P. M. Yearsley.

### MONDAY, NOVEMBER 9.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The Geography of the War: Hilaire Belloc.

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### TUESDAY, NOVEMBER 10.

ZOOLOGICAL SOCIETY, at 5.30.—Exhibition of Photographs Illustrating the Life-history of the Gannet: L. Balfour.—Lantern Exhibition showing the Differences between the Pine and Beech Martens: R. I. Pocock.—Contributions to the Anatomy and Systematic Arrangement of the Cestoidea. XV.: A New Genus and Species of the Family Acoelidae: Dr. F. E. Beddard.—Report on the Spiders Collected by the British Ornithologists' Union Expedition and the Wollaston Expedition to Dutch New Guinea: H. R. Hogg.

MINERALOGICAL SOCIETY, at 5.30.—Albite; Its Crystal Elements, etc.: Prof. W. J. Lewis.—The Determination of the Maximum Extinction, etc., of Monoclinic Pyroxenes in Thin Sections: H. Collingridge.—Note on Calcite from the Chalk at Corfe Castle, Dorset: Prof. H. L. Bowman.—Barkevite from Lugar, Ayrshire; and Litharge from Persia: A. Scott.—Meteorite Irons of Uwet and Angela; the Identity of Angela with La Primitiva: Dr. G. T. Prior.

### THURSDAY, NOVEMBER 12.

ROYAL SOCIETY, at 4.30.—Probable Papers: Analyses of Agricultural Yield. I.: Spacing Experiments with Egyptian Cotton: W. L. Balls and F. S. Holton.—The Fixation of Arsenic by the Brain after Intravenous Injections of Salvarsan: J. McIntosh and P. Fildes.—The Production of Anthocyanins and Anthocyanidins. II.: A. E. Everest.—Living Observations on the Life-Cycle of a New *Flagellate-Helminth*: *Faecalicia*, together with Remarks on the Question of Syngamy in the Trypanosomes: H. M. Woodcock and G. Lapege.—The Antagonistic Action of Carbon Dioxide and Adrenalin on the Heart: S. W. Patterson.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Cables: C. J. Beaver. MATHEMATICAL SOCIETY, at 5.30.—Annual General Meeting. Presidential Address: Mathematical Research; Prof. Love.

### FRIDAY, NOVEMBER 13.

ALCHEMICAL SOCIETY, at 8.15.—The Movement of Alchemical Research in France: Actual Traces of Transmutation: W. de Kerlor. ROYAL ASTRONOMICAL SOCIETY, at 5.

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