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ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The Geography of Japan and its Economic Development: Miss E. C. Semple.

ARISTOTELIAN SOCIETY, at 8.—The Notion of Cause: Hon. Bertrand Russell.

SOCIETY OF ENGINEERS, at 7.30.—The Generation and Electrical Transmission of Power for Marine Transportation: W. P. Durrnall.

### TUESDAY, NOVEMBER 5.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Inaugural Address by the President (Mr. R. Elliott-Cooper) and Presentation of Medals awarded by the Council.

### WEDNESDAY, NOVEMBER 6.

SOCIETY OF PUBLIC ANALYSTS, at 8.—The Detection and Estimation of Arachis Oil: N. Evers.—The Examination of Chinese and Japanese

Wood Oil: A. Chaston Chapman.—The Estimation of Manganese by the Bisulphate Method: H. F. V. Little.

GEOLOGICAL SOCIETY, at 8.—A Contribution to our Knowledge of Wealden Floras, with special reference to a Collection of Plants from Sussex: Prof. A. C. Seward.—Notes on the Discovery of Fossiliferous Old Red Sandstone Rocks in a Boring at Suthall, near Ealing: E. Proctor. With an Appendix on the Upper Devonian Fish-Remains: Dr. A. Smith Woodward.

ENTOMOLOGICAL SOCIETY, at 8.

### THURSDAY, NOVEMBER 7.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: Radiation and Absorption of Light in Gaseous Media, with Applications to the Intensity of Sky Radiation: L. V. King.—A Standard Measuring Machine: Dr. P. E. Shaw.—A Spectro-photometric Comparison of the Emissivity of Solid and Liquid Gold at High Temperatures with that of a Full Radiator: E. M. Stubbs and Dr. E. B. R. Prideaux.—Optical Properties of Substances at the Critical Point: C. Smith.—Absorption of Helium and other Gases under the Electric Discharge: Hon. R. J. Strutt.—(1) The Discharge between Concentric Cylinders in Gases at Low Pressures; (2) The Influence of the Nature of the Cathode on the Length of the Crookes Dark Space: F. W. Aston.—The Determination of the Absolute Unit of Resistance by Alternating Current Methods: A. Campbell.—Some Unclassified Mechanical Properties of Solids and Liquids: A. Mallock.—Trichromatic Theory of Colour Vision. The Measurement of Fatigue of the Retina: Sir W. de W. Abney, K.C.B.

### FRIDAY, NOVEMBER 8.

PHYSICAL SOCIETY, at 8.—On a Method of Measuring the Thomson Effect: H. R. Nettleton.—An Improved Joule Radiometer and its Applications: F. W. Jordan.—Note on the Attainment of a Steady State when Heat Diffuses along a Moving Cylinder: Miss A. Somers.—The Thermomagnetic Study of Steel: S. W. J. Smith.

ROYAL ASTRONOMICAL SOCIETY, at 5.

MALACOLOGICAL SOCIETY, at 8.—Tivella and Grateloupia: A. J. Jukes-Browne.—Some Remarkable Shell Monstrosities: G. C. Robson.—New Mollusca from the Marine Tertiary Deposits of the North Pacific Coast of America: Ralph Arnold and Harold Hannibal.—Descriptions of new species of Limicolaria and Krapfella from East Central Africa: H. B. Preston.

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