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## DIARY OF SOCIETIES.

### THURSDAY, NOVEMBER 2.

ROYAL SOCIETY, at 4.30.—Waves in an Elastic Plate: Prof. H. Lamb.—(1) Multiple Integrals; (2) The Order of Magnitude of the Coefficients of a Fourier Series: Prof. W. H. Young.—A Determination of the Heat of Vaporisation of Water at 100° C. and 1 Atmosphere Pressure in Terms of the Mean Calorie: T. C. Sutton.—The Mechanical Relations of the Energy of Magnetisation: G. H. Livers.

MATHEMATICAL SOCIETY, at 5.30.—Annual General Meeting.—Address of Retiring President: The Fourier Harmonic Analysis; its Practical Scope and its Limitations: Sir Joseph Larmor.—Multiple Integration by Parts and the Second Theorem of the Mean: Prof. W. H. Young.—Moving Axes and their Uses in the Differential Geometry of Euclidean Space: E. H. Neville.—Areas and Conformal Representation: I. Hodgkinson.

CHEMICAL SOCIETY, at 8.—Overvoltage Tables. Part IV. The Theories of Overvoltage and Passivity: E. Newbery.—Studies of the Carbonates. Part II. Hydrolysis of Sodium Carbonate and Bicarbonate, and the Ionisation Constants of Carbonic Acid: C. A. Seyler and P. V. Lloyd.—The Synthesis of Hydroxyquercetin: M. Nierenstein.—(1) The Reaction between Methyl Iodide and some Metallic Cyanides; (2) Some Reactions produced by Mercuric Iodide: E. G. J. Hartley.—The Dual Theory of Acid Catalysis. A Comparison of the Activities of Certain Strong Acids: H. M. Dawson and T. W. Crann.

EUGENICS EDUCATION SOCIETY, at 5.15.—Mental Differences in Children: C. Burt.

### FRIDAY, NOVEMBER 3.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Thomas Hawksley Lecture: The Gas Engineer of the Last Century: H. E. Jones.

### SATURDAY, NOVEMBER 4.

GEOLOGISTS' ASSOCIATION, at 3.—Followed by Annual Conversazione.

### MONDAY, NOVEMBER 6.

SOCIETY OF ENGINEERS, at 5.30.—Heating and Ventilating Private Dwelling-Houses: C. T. A. Hanssen.

ARISTOTELIAN SOCIETY, at 8.—Presidential Address: The Problem of Recognition: Dr. H. Wildon Carr.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The Great Passes of the Western and Central Alps: The President.

### TUESDAY, NOVEMBER 7.

ZOOLOGICAL SOCIETY, at 5.30.—Two New Species of Cestodes belonging respectively to the Genera *Linstowia* and *Cotugnia*: Dr. F. E. Beddard.—Notes on the Development of the Starfishes *Asterias glacialis*, *O.F.M.*, *Cribrella oculata* (Linck), Forbes, *Solaster endeca* (Retzius), Forbes, *Stichaster roseus* (O.F.M.), Sars: Dr. J. F. Gemmill.—Studies on the Anoplura and Mallophaga, being a Report upon a Collection from the Mammals and Birds in the Society's Gardens. II.: B. F. Cummings.—Notes on a Collection of Heterocera made by Mr. W. Feather in British East Africa, 1911-13: Lt.-Col. J. M. Fawcett.—The Structure and Function of the Mouth-parts of the Palaemonid Prawns: L. A. Borradaile.—Heude's Collection of Pigs, Sika, Serows, and Gorals in the Sikawei Museum, Shanghai: A. de C. Sowerby.—The Classification of the Tineinae, a Subfamily of Moths of the Family Pyralidae: Sir G. F. Hampson.

INSTITUTION OF CIVIL ENGINEERS, at 5.30.—Address by the President, Sir Maurice Fitzmaurice, and Presentation of Medals awarded by the Council.

MINERALOGICAL SOCIETY, at 5.30.—Humite: Prof. W. J. Lewis.—(1) The Combination of Twin Operations; (2) Modification of the Kohlrausch

Method of Determining Refractive Indices: Dr. J. W. Evans.—The Basalts of Hare Island, West Greenland: A. Holmes.

RÖNTGEN SOCIETY, at 8.15.—Presidential Address; Capt. C. Thurstan Holland.

### WEDNESDAY, NOVEMBER 8.

FARADAY SOCIETY, at 5.30-7 and 8.30-10.30.—General Discussion on Refractory Materials.—Introductory Address: Sir R. Hadfield.—The Texture of Refractories: Dr. J. W. Mellor.—The Application of Petrographic Methods to the Study of Refractory Materials: Prof. W. G. Fearnside.—Silica as a Refractory Material: Cosmo Jones.—The Transmission of Heat through Materials Employed in Furnace Construction: Ezer Griffiths.

GEOLOGICAL SOCIETY, at 5.30.

### THURSDAY, NOVEMBER 9.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: Methods of Raising a Low Arterial Pressure: Prof. W. M. Bayliss.—Selective Permeability; the Absorption of Phenol and other Solutions by the Seeds of *Hordeum vulgare*: A. J. Brown and F. Tinker.—The Toxic Action of Dilute Pure Sodium Chloride Solutions on the Meningococcus: C. Shearer.—The Role of the Phagocyte in Cerebro-spinal Meningitis: C. Shearer and H. W. Crowe.—Investigation dealing with the Phenomena of "Clot" Formations. IV. The Diphasic Erosive Action of Salts on the Chocolate Gel: S. B. Schryver and Mary Hewlett.—Some Photochemical Experiments with Pure Chlorophyll and their Bearing on Theories of Carbon Assimilation: Ingvar Jørgensen and F. Kidd.

OPTICAL SOCIETY, at 8.—Some Notes on Glass Grinding and Polishing: J. W. French.

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Natural Divisions of England: C. B. Fawcett.

### FRIDAY, NOVEMBER 10.

ROYAL ASTRONOMICAL SOCIETY, at 5.

MALACOLOGICAL SOCIETY, at 7.—Has *Lymnaea* an Auriculoid Ancestry? C. Hedley.—(1) *Anodonta cygnea*, L., and *A. anatina*, L.; (2) *Pseudanodonta rothomagensis*, Locard: H. H. Bloomer and H. Overton.—Sexual Characters in the Shell and Radula of *Cyclostoma elegans*: Prof. A. E. Boycott.

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