

—The dinosaurs of Belgium, by M. Louis **Dollo**.—A biological study of parasitism; *Ustilago Maydis*, by M. Julien **Ray**.—On the geology of the Montagne des Français (Madagascar), by M. Paul **Lemoine**.—On subterranean waters and the disappearance of springs, by M. E. A. **Martel**.—On geographical explorations carried out in the Tchad region, by M. **Destenave**.

DIARY OF SOCIETIES.

THURSDAY, MARCH 12.

ROYAL SOCIETY, at 4.30.—On the Histology of *Uredo dispersa*, Erikks., and the "Mycoplasma" Hypothesis: Prof. Marshall Ward, F.R.S.—The Statolith Theory of Geotropism: F. Darwin, F.R.S.—A Study of a Unicellular Green Alga, occurring in Polluted Water, with Especial Reference to its Nitrogenous Metabolism: Miss H. Chick.—A Comparative Study of the Grey and White Matter of the Motor Cell Groups and of the Spinal Accessory Nerve in the Spinal Cord of the Porpoise (*Phocaena communis*): Dr. D. Hepburn and Dr. D. Waterston.—The Oestrous Cycle and the Formation of the Corpus Luteum in the Sheep: F. H. A. Marshall.—On the Culture of the Nitroso-bacterium: H. S. Fremlin.—Upon the Immunising Effects of the Intracellular Contents of the Typhoid Bacillus as Obtained by the Disintegration of the Organism at the Temperature of Liquid Air: Dr. A. Macfadyen.

ROYAL INSTITUTION, at 5.—Insect Contrivances: Prof. L. C. Miall, F.R.S.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Distribution Losses in Electric Supply Systems: A. D. Constable and E. Fawssett.—A Study of the Phenomenon of Resonance in Electric Circuits by the Aid of Oscillograms (abstract): M. B. Field.

SOCIETY OF ARTS, at 4.30.—The Currency Policy of India: J. Barr Robertson.

MATHEMATICAL SOCIETY, at 5.30.—On the Convergence of Certain Multiple Series: G. H. Hardy.—On the Representation of a Group of Finite Order as an Irreducible Group of Linear Substitutions and the Direct Establishment of the Relations between the Group-Characteristics: Prof. W. Burnside.—Approximate Calculation of the Periods of Vibration of a Circular Plate: Prof. H. Lamb.—Mathematical Notes: Dr. H. F. Baker.—Note on a Point in Hilbert's Grundlagen der Geometrie: F. T. Dixon.—On Surfaces which have Assigned Families of Curves as their Lines of Curvature: Prof. A. R. Forsyth.—Extension of Two Theorems on Covariants: J. H. Grace.—On Certain Sequences for Determining the n th Root of a Rational Number: S. M. Jacob.

FRIDAY, MARCH 13.

ROYAL INSTITUTION, at 9.—Character Reading from External Signs: Prof. Karl Pearson, F.R.S.

PHYSICAL SOCIETY, at 5.—On the Interpretation of Milne Seismograms: Dr. Farr.—A Potentiometer for Thermocouple Measurements: Dr. R. A. Lehfeldt.—A Direct-Reading Potentiometer for Thermoelectric Work: Dr. J. A. Harker.—The Measurement of Small Resistances: A. Campbell.—A Resistance Comparator: Dr. R. A. Lehfeldt.

MALACOLOGICAL SOCIETY, at 8.—Further Description of the Animal of *Damayantia carinata*, Collinge: Lieut.-Col. H. H. Godwin-Austen, F.R.S.—Note on the Generic Name *Buliminus*: B. B. Woodward.—Notes on Pleistocene Non-marine Mollusca from Portland Bill; and on Holocene Non-marine Mollusca from Wilts, Dorset, Cambridgeshire and Folkestone: R. Ashington Bullen.—On the Occurrence of *Neritina Grateloupiana*, Fér., in the Pleistocene at Swanscomb: A. S. Kennard and B. B. Woodward.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Reconstruction of Midland Railway Bridge No. 27, over the River Trent: A. R. Langton.

ROYAL ASTRONOMICAL SOCIETY, at 5.—On the Desirability of a Re-investigation of Problems growing out of the Mean Motion of the Moon: Prof. S. Newcomb.—A Proposed Southern Belt of Latitude Stations: Prof. S. C. Chandler.—On three of Sir W. Herschel's Observed Nebulous Regions in Orion: Prof. Max Wolf.—On the Period and Light Curve of 7514 *UV* Cygni: A. Stanley Williams.—On the Nebula λ 2302 Cassiopeæ: the Region surrounding H II, 457 Bridani and H III, 558 Aquarii: Dr. Isaac Roberts.—A Series of Photographs of Nebulae, &c., taken by Mr. Ritchey at the Yerkes Observatory will be exhibited.

SATURDAY, MARCH 14.

ROYAL INSTITUTION, at 3.—Light: Its Origin and Nature: Lord Rayleigh.

MONDAY, MARCH 16.

SOCIETY OF ARTS, at 8.—Hertzian Wave Telegraphy in Theory and Practice: Prof. J. A. Fleming, F.R.S.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—The Standardisation of Analytical Methods: H. Droop Richmond.—The Standardisation of Commercial Methods of Analysis, especially those applied to Brewing Materials: Arthur R. Ling.

TUESDAY, MARCH 17.

ROYAL INSTITUTION, at 5.—Great Problems in Astronomy: Sir Robert Ball.

ZOOLOGICAL SOCIETY, at 8.30.—Observations and Experiments on Japanese Long-Tailed Fowls: J. T. Cunningham.—On some Nudibranchs from East Africa and Zanzibar. No. II: Sir Charles Eliot, K.C.M.G.—Contributions to the Osteology of Birds. Part VI. *Cuculiformes*: W. P. Pyecraft.

SOCIETY OF ARTS, at 4.30.—Artistic Fans: Miss Hannah Falcke.

ROYAL STATISTICAL SOCIETY, at 5.—Statistics of Italy: Bolton King.

INSTITUTION OF CIVIL ENGINEERS, at 8.—*Papers to be further discussed*:—Recent Irrigation in the Punjab: S. Preston.—The Irrigation Weir across the Bhadar River, Kathiawar: J. J. B. Benson.—*Paper to be read, time permitting*:—The Protection Works of the Kaiser-i-Hind Bridge over the River Sutlej, near Ferozepur: Amyas Morse.

WEDNESDAY, MARCH 18.

ROYAL MICROSCOPICAL SOCIETY, at 8.—The Helmholtz Theory of the Microscope: J. W. Gordon.

SOCIETY OF ARTS, at 8.—New Aspects of Life Assurance: William Schooling.

CHEMICAL SOCIETY, at 5.30.—(1) Essential Oil of Hops: (2) On a Compound of Dextrose with Hydroxide of Aluminium: A. C. Chapman.—Action of Phosphorus Haloids on Dihydroresorcinols. Part II. Dihydroresorcin: A. W. Crossley, and P. Haas.—On the Constitution of Cotarnine: J. J. Dobbie, A. Lauder, and C. K. Tinkler.—Decomposition of Mercurous Nitrite by Heat: P. C. Ray and J. N. Seh.

ENTOMOLOGICAL SOCIETY, at 8.—An Entomological Excursion to Bejar, Central Spain: G. C. Champion.—On Lepidoptera from the White Nile collected by Mr. W. L. S. Loat, with further Notes on Seasonal Dimorphism in Butterflies: Dr. Frederick A. Dixey.—*Hymenoptera aculeata* collected by the Rev. A. E. Eaton, in Madeira and Tenerife, in the Spring of 1902: E. Saunders, F.R.S.

ROYAL METEOROLOGICAL SOCIETY, at 7.30.—The Passage of Sound through the Atmosphere: C. V. Boys, F.R.S.

THURSDAY, MARCH 19.

ROYAL SOCIETY, at 4.30.—*Probable Papers*:—On the Formation of Barrier Reefs and of the Different Types of Atolls: Prof. A. Agassiz, For. Mem. R.S.—On Central American Earthquakes, particularly the Earthquake of 1838: Admiral Sir John Dalrymple Hay, Bart, F.R.S.—On the Electrons of Radium: Sir William Crookes, F.R.S.

LINNEAN SOCIETY, at 8.—On *Poa laxa* and *Poa stricta*, of our British Floras: G. Claridge Druce.—The Botany of the Ceylon Patanas. Part II. Anatomy of the Leaves: John Parkin and H. H. W. Pearson.

FRIDAY, MARCH 20.

ROYAL INSTITUTION, at 9.—The Paths of Volition: Prof. E. A. Schäfer, F.R.S.

EPIDEMIOLOGICAL SOCIETY, at 8.30.—The Prevention of Diphtheria Outbreaks in Hospitals for Children: Dr. Louis Parkes.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—A Premium System applied to Engineering Workshops: James Rowan.

SATURDAY, MARCH 21.

ROYAL INSTITUTION, at 3.—Light: Its Origin and Nature: Lord Rayleigh.

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