

M. **Dinescu**.—The hypotensive and myotic action of normal human urine: J. E. **Abelous** and E. **Bardier**.—The metamorphosis of the muscular system in flies: Charles **Perez**.—*Lathraea clandestina*, a parasite of the vine in Loire-Inférieure: M. **Col**.—The strata of the eastern Alps and their roots: Emile **Haug**.—The existence of a conglomerate and an Eocene discordance in Greece: Ph. **Négris**.—New observations on the strata of eastern Corsica: E. **Maury**.

DIARY OF SOCIETIES.

THURSDAY, JUNE 10.

ROYAL SOCIETY, at 4.30.—Croonian Lecture: The Functions of the Pituitary Body: Prof. E. A. Schäfer, F.R.S.—(1) A Wave-length Comparator for Standards of Length; (2) The Use of Wave-length Rulings as defining Lines on Standards of Length: Dr. A. E. H. Tutton, F.R.S.
ROYAL INSTITUTION, at 3.—A Modern Railway Problem—Steam v. Electricity: Prof. W. E. Dalby.
MATHEMATICAL SOCIETY, at 5.30.—On the Behaviour at the Poles of a Series of Legendre's Functions representing a Function with Infinite Discontinuities: F. J. W. Whipple.—An Analogue of Pascal's Theorem in Three Dimensions: W. H. Salmon.—Some Symbolical Expressions for the Eliminant of Two Binary Quantics: A. L. Dixon.

FRIDAY, JUNE 11.

ROYAL INSTITUTION, at 9.—Problems of Helium and Radium: Sir James Dewar, F.R.S.
PHYSICAL SOCIETY, at 8.—The Arthur Wright Electrical Device for evaluating Formulæ and solving Equations: Dr. A. Russell and Arthur Wright.—The Echelon Spectroscope, its Secondary Action and the Structure of the Green Hg line: H. Stansfield.—The Proposed International Unit of Candle Power: C. C. Paterson.—Inductance and Resistance in Telephone and other Circuits: Dr. J. W. Nicholson.—Note on Terrestrial Magnetism: G. W. Walker.—On the Form of the Pulses constituting White Light: A. Eagle.
ROYAL ASTRONOMICAL SOCIETY, at 5.—Observations of Helium D₃ Absorption in the Neighbourhood of Sun-spots in 1908: Capt. R. A. C. Daunt.—The Constants of the Moon's Physical Libration: F. J. M. Stratton.—On certain Coefficients in the Algebraical Development of the Perturbative Function: R. T. A. Innes.—Magnitude of η Argus, 1909: R. T. A. Innes.—Recent Observations of the Rings of Saturn, and their Bearing on some of the Phenomena of the Disappearance of the Rings in 1907: E. E. Barnard.—Ephemeris of Flora near the Time of Opposition in 1909: A. M. W. Downing.—Report on the Measurement of an Arc of Meridian in Uganda: Col. C. F. Close.—On the Erroneous Results of Stereoscopic Observations of a Comet: E. E. Barnard.—A Method of Double Star Measurement: J. B. Dale.—Note on an Electric Heater for use in a Plate Holder on Damp Nights: Astronomer Royal.—*Probable Paper*: Numerical Example of Mr. Innes's Method for the Development of the Perturbative Function: F. Robbins.
MALACOLOGICAL SOCIETY, at 8.—Diagnoses of new Trochoid Shells from North Queensland: H. B. Preston.—Notes on some of the Ampullariidæ in the Paris and Geneva Museums: G. B. Sowerby.—On the Radulæ of British Helicidæ: Rev. E. W. W. Bowell.

SATURDAY, JUNE 12.

ROYAL INSTITUTION, at 3.—The Vitality of Seeds and Plants: (2) The Life and Death of Seeds: Dr. F. F. Blackman, F.R.S.

MONDAY, JUNE 14.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Survey and Exploration in the Ruwenzori and Lake Region, Central Africa: Major R. G. T. Bright, C.M.G.

TUESDAY, JUNE 15.

ZOOLOGICAL SOCIETY, at 8.30.—On some Points in the Structure of the Lesser Anteatr (*Tamandua tetradactyla*), with a Note on the Cerebral Arteries of Myrmecophaga: F. E. Beddard, F.R.S.—On Decapod Crustacea from Christmas Island, collected by Dr. C. W. Andrews, F.R.S.: Dr. W. T. Calman.—Notes on a Young Specimen of the Walrus lately living in the Society's Gardens: Dr. P. Chalmers Mitchell, F.R.S.—Notes on the Viscera of a Walrus (*Trichechus rosmarus*): R. H. Burne.

ROYAL STATISTICAL SOCIETY, at 5.—Annual General Meeting.
FARADAY SOCIETY, at 8.—The National and International Conservation of Water for Power: E. R. Taylor.—The Formation of Silicon Sulphide in the Desulphurisation of Iron: W. Fielding.—A Contribution to the Study of Electric Furnaces as applied to the Manufacture of Iron and Steel: C. A. Keller.—Automatically Circulating Furnaces of the Gin Type for the Electrical Production of Steel: G. Gin.

MINERALOGICAL SOCIETY, at 8.—On Carnotite and an Associated Mineral Complex from South Australia: T. Crook and G. S. Blake.—On the Species Pilolite, and the Analysis of a Specimen from China: G. S. Whitby.—On Phenacite from Brazil: Dr. G. F. Herbert Smith.—The Composition and Structure of a Meteoric Stone from the Dokáchi Shower (1903): H. E. Clarke and Prof. H. L. Bowman.

WEDNESDAY, JUNE 16.

GEOLOGICAL SOCIETY, at 8.—The Carboniferous Limestone of County Clare: J. A. Douglas.—The Howgill Fells and their Topography: Dr. J. E. Marr, F.R.S., and G. W. Fearnside.—The Mandible of *Sthenurus occidentalis*, sp.n.: L. Glauert.—(1) On some Reptilian Remains from the Trias of Lissiemouth; (2) On some Reptilian Tracks from the Trias of Runcorn; (3) The Anatomy of *Lepidophlois laricinus*, Sternb: D. M. S. Watson.

ROYAL METEOROLOGICAL SOCIETY, at 4.30.—The Interdiurnal Variability of Temperature in Antarctic and Sub-Antarctic Regions: R. C. Mossman.—Testing of Registering Balloon Apparatus at Low Tempera-

tures: Dr. W. Schmidt and E. Gold.—A Plea for the Use of Freely-exposed Thermometers in Addition to Sheltered Ones: L. C. W. Bonacina.

ROYAL MICROSCOPICAL SOCIETY, at 8.

THURSDAY, JUNE 17.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: On the Origin of Certain Lines in the Spectrum of ϵ Orionis (Alnitam): Sir Norman Lockyer, K.C.B., F.R.S., F. E. Baxandall, and C. P. Butler.—On Electrostatic Induction through Solid Insulators: Prof. H. A. Wilson, F.R.S.—The Effect of Pressure on the Band Spectra of the Fluorides of the Metals of the Alkaline Earths: R. Rossi.—The Ionisation produced by an α Particle. Part I.: Dr. H. Geiger.—On the Diffuse Reflection of the α Particle: Dr. H. Geiger and E. Marsden.—The Decay of Surface Waves produced by a Superposed Layer of Viscous Fluid: W. J. Harrison.—The Passage of Electricity through Gaseous Mixtures: E. M. Wellisch.—A Study of the Use of Photographic Plates for the Recording of Position: C. E. K. Mees.—The Coefficients of Capacity and the Mutual Attractions or Repulsions of Two Electrified Spherical Conductors when close together: Dr. Alexander Russell.
LINNEAN SOCIETY, at 8.—On the Growth of a Species of *Battarea*: J. G. A. Tepper.—The Deposits in the Indian Ocean: Sir John Murray, K.C.B., F.R.S.—The *Sealaræ* *Pseudea*, *Stenoptea*, and *Reptantia*: L. A. Borradaile.—The *Sealaræ* *Polychæta*. Part II.: F. A. Potts.—The *Sealaræ* *Lepidoptera*: T. Bainbridge Fletcher.—New Species of Malaysian and Philippine Ferns: Dr. H. Christ.—The African Species of *Triumfetta*, Linn: T. A. Sprague and J. Hutchinson.—The Acaulescent Species of *Malvastrum*: A. Gray and A. W. Hill.

FRIDAY, JUNE 18.

ROYAL INSTITUTION, at 9.—A Recent Visit to the Panama Canal: A. H. Savage Landor.

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