amidobenzene, and the sodium derivative of ethyl malonate is described.—The composition of the plant juices extracted from stems and leaves: G. André.—The chemical composition of the Koch bacillus and its binding material. Relation with resistance to acids: Jules Auclair and Louis Paris. The fatty matters were extracted by successive treatments with alcohol, ether, and chloroform, petroleum there alone being incapable of extracting the whole of these substances. These fatty matters, the protoplasm, and cellulose all give the Ehrlich reaction.—Autopsy of the African elephant "Sahib," which died at the Museum on January 29: Mme. Marie Phisalix. The death resulted from an accidental chill, leading to inflammation of the lungs, there being no sign of any chronic disease.view of the Blastodinideæ (Apodinium mycetoides): Edouard Chatton.—The chain of the Puys and the lesser Puys: Ph. Glangeaud.-Note on the Palæozoic strata of the eastern edge of the Central Plateau: Albert Michel-Lévy.

—The direction of the earlier folds in the central and eastern Pyrenees: Léon Bertrand.—The age of the Eocene deposits of the Armorican massif and of the Ronca zone: Jean Boussac.

GÖTTINGEN.

Royal Society of Sciences .- The Nachrichten (physicomathematical section), part v. for 1906, contains the following memoirs communicated to the society:

July 28.—Questions of crystal-physics, ii., the action of a magnetic field on the optical behaviour of pleochroitic crystals : W. Voigt.

October 27.—Real and apparent "transgredient stratification": A. von Koenen.—Measurements of the ionisation and radio-activity of the air over the open sea (Atlantic and Pacific): F. Linke.—Meteorological kite observations in Samoa: F. Linke.—Eulerian integrals: J. Thomas.

December 8.—The behaviour of sulphides of the heavy metals in aqueous solution: Oskar Weigel.

DIARY OF SOCIETIES.

THURSDAY, FEBRUARY 14.

THURSDAY, FEBRUARY 14.

ROYAL SOCIETY, at 4.30.—On the Purification and Testing of Selenion: R. Threlfall, F.R.S.—On the Specific Inductive Capacity of a Sample of Highly Purified Selenium: O. U. Vonwiller and W. H. Møson.—Investigation of the Law of Burning of Modified Cordite: Møjor J. H. Møssell, R.A.—The Thermomagnetic Analysis of Meteoric and Artificial Nickel-Iron Alloys: S. W. J. Smith.

ROYAL INSTITUTION, at 3.—The Minute Structures of Igneous Rocks and their Significance: Alfred Harker, F.R.S.

SOCIETY OF ARTS, at 4.30.—The Practical Side of Famine in India: Sir Frederick S. P. Lely, K.C.I. E.

LONDON INSTITUTION, at 6.—Scientific Method: Prof. H. E. Armstrong, F.R.S.

MATHEMATICAL SOCIETY, at 5.30.—Groups defined by the Order of the

MATHEMATICAL SOCIETY, at 5.30.—Groups defined by the Order of the Generators and the Order of their Commutator: Prof. G. A. Miller.—On the Reduction of the Factorisation of Binary Septans and Octans to the Solution of a Pellian: Dr. T. Stuart.—On Repeated Integrals: Dr. E. W. Hobson.—The Construction of the Line drawn through a Given Point to meet Two Given Lines: Prof. W. Burnside. FRIDAY, FEBRUARY 15.

ROYAL INSTITUTION, at 9.—Foraminifera: J. J. Lister, F.R.S.
INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Annual General Meeting. SATURDAY, FEBRUARY 16.

ROYAL INSTITUTION, at 3.—Röntgen, Kathode, and Positive Rays: Prof. J. J. Thomson, F.R.S.

MONDAY, FEBRUARY 18.

VICTORIA INSTITUTE, at 4.30.—The Spread of the European Fauna: Prof. J. Logan Lobley.

TUESDAY, FEBRUARY 19.

ROYAL INSTITUTION, at 3 .- The Visual Apparatus of Man and Animals: Prof. William Stirling.
ROYAL STATISTICAL SOCIETY, at 5.

ROYAL STATISTICAL SOCIETY, at 5.
ZOCLOGICAL SOCIETY, at 8.30.
FARADAY SOCIETY, at 8.—The Present Position and Future Prospects of the Electrolytic Alkali and Bleach Industry: J. B. C. Kershaw.
INSTITUTION OF CIVIL ENGINEERS, at 8.—(Continued discussion) Modern Motor-vehicles: Col. R. E. B. Crompton, C.B.

WEDNESDAY, FEBRUARY 20.

WEDNESDAY, REBRUARY 20.

SOCIETY OF ARTS, at 8.—Cold Storage and Food Supply: Hal Williams.

ROYAL MICROSCOPICAL SOCIETY, at 8.—An Early Criticism of the Abbe
Theory: J. W. Gordon.—Some Tardigrada of the Sikkim Himalaya: James Murray.—On Some Rhizopods from the Sikkim Himalaya: Dr. Eugène Penard.—Exhibition: Slides of Marine Zoological Objects lent
by Mr. Flatters.

ROYAL METROROLOGICAL SOCIETY, at 7.30.—Report on the Phenological
Observations for 1906: E. Mawley.—The Metric System in Meteorology:

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THURSDAY, FEBRUARY 21.

ROVAL SOCIETY, at 4.30.—Probable Papers: The Estimation of Chlorof. rm in the Blood of Anæsthetised Animals: G. A. Buckmaster and J. A. Gardner.—On Electrical Seed-Testing: Prof. T. Johnson.—On Longitudinal Symmetry in Phanerogamia: Prof. Percy Groom.—And other

tudinal Symmetry in Phanerogamia: Prof. Percy Groom.—And other Papers.

ROYAL INSTITUTION, at 3.—The Minute Structure of Igneous Rocks and their Significance: Alfred Harker, F. R.S.

CHEMICAL SOCIETY, at 8.30.—The Constitution of Oxyazo-compounds: W. B. Tuck.—The Influence of Solvents on the Rotation of Optically Active Compounds, Part ix., A New General Method for Studying Intramolecular Change: T. S. Patterson and A. McMillan.—The Reduction Products of ortho- and para-Dimethoxybenzoin: J. C. Irvine and A. M. Moodie.—Replacement of Hadogens by Hydroxyl, i., The Hydrolytic Decomposition of Hydrogrin and Sodium Moncolloroacetates by Water and by Alkali, and the Influence of Neutral Salts on the Reaction Velocities: G. Senter.—The Reaction of Ammonium Salts with the Constituents of the Soil: A. D. Hall and C. T. Gimingham.

LINNEAN SOCIETY, at 8.—The Percy Sladen Trust Expedition to the Indian Occan, Introduction, Part i., Ceylon to Mauritius: J. Stanley Garciner.—Land Nemerteans, with a Note on the Distribution of the Group: R. C. Punnett.—Land Crustaceans: L. A. Borradaile—Hymenoptera: P. Cameron.—Dragon Flies: F. F. Laidlaw.—Fourmis des Seychelles, Admirantes, Farquhar et Chagos: Prof. A. Forel.—Pycnogonioæ: G. H. Carpenter.

INSTITUTION OF ELECTRICAL ENGINEERS. at 8.—Lecture on "Modern Theory of Conduction of Electricity in Metals": Prof. J. J. Thomson, F. R.S.

FRIDAY, February 22.

FRIDAY, FEBRUARY 22.

ROYAL INSTITUTION, at 9 .- Flame in Gas and Petrol Motors: Dugald

PHYSICAL SOCIETY, at 5.—Transformer Indicator Diagrams : Prcf. Lyle. —Ionisation of Gases by a Particles of Radium: Prof. Bragg.—A Micromanometer: B. Roberts.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Impurities in Boiler Feedwater; their Nature, Effect and Elimination: F. E. Walker.

SATURDAY, FEBRUARY 23.

ROYAL INSTITUTION, at 3.—Röntgen, Kathode, and Positive Rays: Prof. J. J. Thomson, F.R.S.

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