

Blaise.—On the synthetical isoborneols, their identity with fenoilic alcohols, by MM. G. Bouchardat and J. Lafont.—On the partial decomposition of chloroform in the organism, by MM. A. Desgrez and M. Nicloux. A reply to the criticism of M. de Saint-Martin. Normal blood gives on analysis a small proportion of carbon monoxide. This amount is notably increased in the blood of animals under chloroform.—A true mucin produced by a fluorescent pathogenic bacillus, by M. Ch. Lepierre.—Action of the bacterium of sorbose upon polyhydric alcohols, by M. Gabriel Bertrand. Alcohols show very different behaviour when treated with the sorbose bacillus; some, such as glycol, xylite and dulcitol, resisting the oxidising action completely; others, glycerine, sorbite, mannite, being readily oxidised to ketones.—Influence of the medium upon variations in the Protozoa, by M. J. Kunstler.—The larva of the sponges and homologation of the leaflets, by M. Yves Delage.—On a new type of Copepod, by M. Jules Bonnier. The new type, to which the name *Pionodesmotes phormosomæ* is given, was found by the Prince of Monaco in one of the scientific voyages of the *Princess Alice*.—On a cereal of the Soudan, by M. Dybowski.—A prehistoric station at Mount Huberville, near Valognes, by M. Le Nordez.

DIARY OF SOCIETIES.

THURSDAY, MARCH 17.

ROYAL SOCIETY, at 4.30.—The Croonian Lecture will be delivered by Prof. Wilhelm Pfeffer, For. Mem. R.S. On the Nature and Significance of Functional Metabolism (Betriebs-stoffwechsels) in the Plant.

ROYAL INSTITUTION, at 3.—Magnetism and Diamagnetism: Prof. J. A. Fleming, F.R.S.

LINNEAN SOCIETY, at 8.—Natural Selection the Cause of Mimetic Resemblance and Common Warning Colours: Prof. E. B. Poulton, F.R.S.—On the Brain of the Edentata, including Chlamyphorus: Dr. Elliott Smith.—On *Linnocarpus*, a New Genus of Fossil Plants from the Tertiary Deposits of Hampshire: Clement Reid.

CHEMICAL SOCIETY, at 8.—The Reduction of Bromic Acid and the Law of Mass Action: Winifred Judson and Dr. J. Wallace Walker.—The Action of Ferric Chloride on the Ethereal Salts of Ketone Acids:—Dr. R. S. Morell and Dr. J. M. Crofts.—Note on the Volatility of Sulphur: T. C. Porter.—Action of Ammonia and Substituted Ammonias on Acetylurethane: Dr. George Young and Ernest Clark.—Cannabinol: T. B. Wood, W. T. N. Spivey, and Dr. T. H. Easterfield.—Formation of Oxytriazoles from Semicarbazides: Dr. G. Young, and B. M. Stockwell.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Sixth "James Forrest" Lecture, Geology in Relation to Engineering: Prof. W. Boyd Dawkins, F.R.S.

CAMERA CLUB, at 8.15.—Some Recent Animal Photographs: Gambier Bolton.

FRIDAY, MARCH 18.

ROYAL INSTITUTION, at 9.—The Bringing of Water to Birmingham from the Welsh Mountains: J. Mansergh.

MONDAY, MARCH 21.

SOCIETY OF ARTS, at 8.—The Thermo-Chemistry of the Bessemer Process. Prof. W. N. Hartley, F.R.S.

VICTORIA INSTITUTE.—A New Babylonian Story of the Flood: Theo. G. Pinches.

CAMERA CLUB, at 5.30.—Annual General Meeting—At 8.30.—Travels in Kashmir and Little Tibet: Dr. Arthur Neve.

TUESDAY, MARCH 22.

ROYAL INSTITUTION, at 3.—The Simplest Living Things: Prof. E. Ray Lankester, F.R.S.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Calcium Carbide and Acetylene: Henry Fowler.—Extraordinary Floods in Southern India: their Causes, and Destructive Effects on Railway Works: E. W. Stoney.

ROYAL HORTICULTURAL SOCIETY.—Horticultural Soils.
ROYAL PHOTOGRAPHIC SOCIETY, at 8.—The Gum Bichromate Process: Robert Demachy.

WEDNESDAY, MARCH 23.

SOCIETY OF ARTS, at 8.—The Preparation of Meat Extracts: C. R. Valentine.

GEOLOGICAL SOCIETY, at 8.—The Eocene Deposits of Devon: Clement Reid.—On an Outlier of Cenomanian and Turonian near Honiton, with a Note on *Holaster altus*, Ag.: A. J. Jukes-Browne.—Cone-in-Cone: Additional Facts from various Countries: W. S. Gresley.

THURSDAY, MARCH 24.

ROYAL SOCIETY, at 4.30.—The Bakerian Lecture will be delivered by Dr. W. J. Russell, F.R.S. Subject: Further Experiments on the Action exerted by certain Metals and other Bodies on a Photographic Plate.

ROYAL INSTITUTION, at 3.—Recent Researches in Electricity and Magnetism: Prof. J. A. Fleming, F.R.S.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Cost of Generation and Distribution of Electrical Energy: R. Hammond.

CAMERA CLUB, at 8.15.—Photographic Engraving in Intaglio: Colonel Waterhouse.

FRIDAY, MARCH 25.

PHYSICAL SOCIETY, at 5.—On the Circulation of the Residual Gaseous Matter in a Crookes' Tube: A. A. Campbell Swinton.—On some Improvements in the Roberts-Austen Recording Pyrometer, and Notes on Thermo-electric Pyrometers: A. Stansfield.
INSTITUTION OF CIVIL ENGINEERS, at 8.—Internal Governor Friction: H. O. Eurich.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—Évolution Individuelle et Hérédité: F. Le Dantec (Paris, Alcan).—Ethnological Studies among the North-West Central Queensland Aborigines: W. E. Roth (Brisbane, Gregory).—Exploration of the Air by means of Kites (Cambridge, Mass., Wilson).—Queen's College, Galway, Calendar for 1897-98 (Dublin, Ponsobny).—Prospecting for Minerals: S. H. Cox (Griffin).—Lehrbuch der Algebra: Prof. H. Weber, Zweite Auflage, Erster Band (Braunschweig, Vieweg).—The Collected Mathematical Papers of Arthur Cayley. Supplementary Volume containing Titles of Papers and Index (Cambridge University Press).—Araneae Hungariae: C. Chyzer and L. Kulczynski, Tome 1 and 2 (2 parts) (Budapestini).—Audubon and his Journals: M. R. Audubon, 2 Vols. (Nimmo).—The Smithsonian Institution, 1846-1896. The History of its First Half-Century: edited by G. Browne Goode (Washington).—Smithsonian Institution. Revision of the Orthopteran Group Melanopli (Acridiidae): S. H. Scudder (Washington).

PAMPHLETS.—Field Columbian Museum. Annual Report of the Director to the Board of Trustees for the Year 1896-97 (Chicago).—Ditto. List of Fishes and Reptiles obtained by Field Columbian Museum East African Expedition to Somali-Land in 1896: S. E. Meek and D. G. Elliot (Chicago).

SERIALS.—Knowledge, March (Holtborn).—Botanische Jahrbücher, Fünfundzwanzigster Band, 1 and 2 Heft (Leipzig).—Strand Magazine, March (Newnes).—Engineering Magazine, March (222 Strand).—Rendiconto delle Sessioni della R. Accademia delle Scienze dell' Istituto di Bologna, 1895-96: Ditto, Nuova Serie, Vol. 1, Fasc. 1 to 4 (Bologna).—Katalog der Bibliothek der K. Leopoldinische-Carolinischen Deutschen Akademie der Naturforscher, Achte Liefg., Band ii 5 (Halle).—Journal of the Institution of Electrical Engineers, March (Spon).—Science Abstracts, January (Taylor).—Bulletin of the Liverpool Museums, February (Liverpool).

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