

MM. P. Barbier and L. Bouveault.—Study in germination, by M. J. de Rey-Pailhade.—On the simultaneous determination of the mineral and organic acidity in the juice of the beetroot, by M. D. Sidersky. Advantage may be taken of the indifference of Congo-red paper to the organic acids, but a simpler method is to use a colouring matter present in the juice itself.—The origin of the three-colour theory of the optic nerve, by M. J. P. Durand. A recognition of the work of Thomas Young.—On the influence of lecithin on the growth and multiplication of organisms, by M. B. Danilewsky.—Comparative study of the buccal mass of gasteropods, by M. A. Amaudrut.—Cephalopods from the stomach of a cachalot, caught at the Azores, by M. L. Joubin.—Some effects of the synodic revolution of the moon on the distribution of atmospheric pressures in the autumn season, by M. A. Poincaré.—On a meteor observed in Algeria, December 14, 1895, 10h. 15m. p.m., by M. J. Triboulet.

DIARY OF SOCIETIES.

LONDON.

THURSDAY, JANUARY 9.

SOCIETY OF ANTIQUARIES, at 8.30.
 MATHEMATICAL SOCIETY, at 8.—On a certain Ternary Cubic: Prof. Lloyd Tanner.—Further Communication on Boltzmann's Minimum Function: S. H. Burbury, F.R.S.—Examples illustrating Lord Rayleigh's Theory of the Stability or Instability of certain Fluid Motions: A. E. H. Love, F.R.S.
 ROYAL INSTITUTION, at 3.—Sound, Hearing, and Speech: Prof. Mc Kendrick, F.R.S.

FRIDAY, JANUARY 10.

MALACOLOGICAL SOCIETY, at 8.—List of South Australian Pleurotomidae with Descriptions of New Species: G. B. Sowerby.—Descriptions of New Land Mollusca from New Zealand and Macquarie Island: Henry Suter.—The Genus *Hyalimax*, or a near Ally (*Neohyalimax*), in Brazil: Dr. H. Simroth.—On a Collection of Slugs from the Sandwich Islands: Walter B. Collinge.
 ROYAL ASTRONOMICAL SOCIETY, at 8.
 CLINICAL SOCIETY, at 8.30.

SATURDAY, JANUARY 11.

ASSOCIATION FOR THE IMPROVEMENT OF GEOMETRICAL TEACHING (University College), at 11.—At 2.—Business Meeting.—Geometrical Methods: Dr. Larmor.
 ROYAL BOTANIC SOCIETY, at 3.45.

SUNDAY, JANUARY 12.

SUNDAY LECTURE SOCIETY, at 4.—Pasteur and his Work: Prof. Percy Frankland, F.R.S.

MONDAY, JANUARY 13.

MEDICAL SOCIETY, at 8.30.

TUESDAY, JANUARY 14.

ROYAL INSTITUTION, at 3.—The External Covering of Plants and Animals: its Structure and Functions: Prof. C. Stewart.
 INSTITUTION OF CIVIL ENGINEERS, at 8.—The Sanitary Works of Buenos Ayres: Sewerage, Drainage, and Water-Supply: Hon. R. C. Parsons.
 ZOOLOGICAL SOCIETY, at 8.30.—A Preliminary Revision and Synonymic Catalogue of the Hesperidae of Africa and the adjacent Islands, with Descriptions of some apparently New Species: Rev. W. J. Holland.—On a Collection of Butterflies obtained by Mr. R. Crawshaw in Nyasaland between the Months of January and April, 1895: Dr. Arthur G. Butler.—On a Newly-discovered Modification of the Iris in the Eyes of certain of the Ungulata adapted for assisting Vision: Dr. G. Lindsay Johnson.
 ROYAL PHOTOGRAPHIC SOCIETY, at 8.—Astigmatism and a New Stigmatic Portrait Lens: H. L. Aldis.
 ROYAL ASIATIC SOCIETY, at 3.
 ROYAL MEDICAL AND CHIRURGICAL SOCIETY, at 8.30.

WEDNESDAY, JANUARY 15.

SOCIETY OF ARTS, at 8.—The Making of a Great University for London: Prof. Silvanus P. Thompson, F.R.S.
 ENTOMOLOGICAL SOCIETY, at 8.—Annual Meeting.—Election of Council and Officers.—The Speculative Method in Entomology: Prof. Meldola, F.R.S., President.
 ROYAL MICROSCOPICAL SOCIETY, at 8.—Annual Meeting.—Election of Council.—Address by the President, A. D. Michael.
 ROYAL METEOROLOGICAL SOCIETY, at 8.—Annual General Meeting.
 BRITISH ARCHÆOLOGICAL ASSOCIATION, at 8.

THURSDAY, JANUARY 16.

ROYAL SOCIETY, at 4.30.
 LONDON INSTITUTION, at 6.—Experiments with Incandescent Lamps: Prof. Fleming, F.R.S.
 LINNEAN SOCIETY, at 8.—On the Fistulose Polymorphinæ and the Ramulinæ: Prof. T. Rupert Jones, F.R.S., and F. Chapman.
 SOCIETY OF ARTS, at 4.30.—The Shan Hills: their Peoples and Products: Colonel R. G. Woodthorpe, C.B., R.E.
 SOCIETY OF ANTIQUARIES, at 8.30.
 CHEMICAL SOCIETY, at 8.—The Acetylene Theory of the Luminosity of Hydrocarbon Flames: Prof. Vivian B. Lewes.—And other Papers.
 INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Presentation of Premiums.—Inaugural Address of the President, Dr. John Hopkinson, F.R.S.
 NUMISMATIC SOCIETY, at 7.

FRIDAY, JANUARY 17.

ROYAL INSTITUTION, at 9.—More about Argon: Lord Rayleigh.
 QUEKETT MICROSCOPICAL CLUB, at 8.
 INSTITUTION OF CIVIL ENGINEERS, at 8.—Iron Tunnels: W. O. Leitch.
 EPIDEMIOLOGICAL SOCIETY, at 8.—Experiences in Relation to Cholera in India from 1842-79: Surgeon-General C. A. Gordon, C.B.

SATURDAY, JANUARY 18.

ROYAL INSTITUTION, at 3.—To the North of Lake Rudolf and among the Gallas: Dr. A. Donaldson Smith.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—Annuaire pour l'an 1896, publié par Le Bureau des Longitudes (Paris, Gauthier-Villars).—Le Mouvement: E. J. Marey (Paris, Masson).—Principii della Teoria Matematica del Movimento dei Corpi: Prof. G. A. Maggi (Milano, Hoepli).—Elementary Treatise on Electricity and Magnetism: Profs. Foster and Atkinson (Longmans).—History of the Cholera Controversy: Sir G. Johnson (Churchill).—Quain's Elements of Anatomy, 10th edition, Vol. 3, Part 4, Splanchnology: Profs. Schäfer and Symington (Longmans).—Comité International des Poids et Mesures. Procès-Verbaux des Séances de 1894 (Paris, Gauthier-Villars).—Travaux et Mémoires de Bureau International des Poids et Mesures, tome xi. (Paris, Gauthier-Villars).—Transactions of the Royal Society of Victoria. Vol. iv. A Monograph of the Tertiary Polyzoa of Victoria: Dr. P. H. MacGillivray (Melbourne).

PAMPHLETS.—Special Map of British Guiana (Philip): Frederic Kitton (Redway).—Guide to the British Mycetozoa exhibited in the Department of Botany, British Museum (Natural History) (London).—Ninth Annual Report of the Liverpool Marine Biology Committee and their Biological Station at Port Erin: Prof. W. A. Herdman (Liverpool).

SERIALS.—National Review, January (Arnold).—Norges Geologiske Undersøgelse, Nos. 10 to 17 (Kristiania).—Bulletin of the American Mathematical Society, December (New York).—Geographical Journal, January (Williams).—Science Progress, January (Scientific Press).—Mind, January (Williams).—Zeitschrift für Wissenschaftliche Zoologie, Sechzigster Band, Drittes Heft (Williams).—Annals of Scottish Natural History, January (Edinburgh, Douglas).—Proceedings of the Aristotelian Society, Vol. 3, No. 7 (Williams).—Brain, Part 72 (Macmillan).—Journal of the Royal Agricultural Society of England, Vol. 6, Part 4 (Murray).—Minnesota Botanical Studies, Bulletin No. 9 (Minneapolis).—Scribner's Magazine, January (S. Low).—Académie des Sciences de l'Empereur François Joseph I. Bulletin International Classe des Sciences Mathématiques et Naturelles, II.—Journal of the Royal Statistical Society, December, Stanford).—Geological Magazine, January (Dulau).

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