For the analysis of objects in relief on porcelain of a different composition, advantage is taken of the action of a layer of drying glycerine in removing the surface of porcelain or glass.—Search for fatty acids in contaminated waters, by M. H. Causse. The amounts of fatty acids present in a water are regarded by the author as measuring the contamination, and methods are given for separating and estimating the quantities of such acids present. —The resistance of the red globules of the blood determined by its electrical conductivity, by MM. Calugareanu and Victor Henri. In the determination of the resistance of the red globules of the blood, it is necessary to determine both the hæmoglobin and the salts. This determination can be made with great precision by measuring the electric conductivity of the solutions. The application of this method has shown that the red globules may lose a part of their salts without any corresponding change in their colouring-matter.—On the simultaneous production of indoxyl and urea in the organism, by M. Julius Gnezda.—On asphyxia by the gases of drains, by M. Hanriot. Accidental cases of asphyxia in drains are usually attributed in the text-books to the presence of sulphuretted hydrogen. Analyses of the air in ventilated drains showed that this gas was either absent or present in such small proportion as to have no appreciable effect. In unventilated drains the amounts were larger, 03 to 05 per cent., but still too small to exert a poisonous action. The air in the unventilated drains was irrespirable on account of the large amount of carbonic acid present and the deficiency in oxygen, and hence no disinfectant that might be proposed would meet the case. The only prac-The only practicable means of rendering the air of a drain inoffensive is energetic ventilation at the time the workmen are descending. On the germination of Onguekoa and Strombosia, by M. Edouard Heckel.—On the tectonic of the neighbourhood of Biarritz, Bidart and Villefranque, by M. Leon Bertrand.—On the existence of phenomena of overlapping in the subbetic zone, by M. René Nicklès.—A geological map of Bambouk, in the French Soudan, on the scale of 1/250,000, by M. Alex. J. Bourdariat.— On the constitution of the suboceanic soil, by M. J. Thoulet.

DIARY OF SOCIETIES.

THURSDAY, MARCH 6.

ROYAL SOCIETY, at 4.30.—On the Spark Discharge from Metallic Poles in Water: Sir Norman Lockyer, F.R.S.—Experimental Researches on Drawn Steel. Part I. The Influence of Changes of Temperature on Magnetism. Part II. Resistivity, Elasticity and Density, and the Temperature Coefficients of Resistivity and Elasticity: J. R. Ashworth.—On the Effects of Magnetisation on the Electric Conductivity of Iron and Nickel: G. Barlow.—The Differential Equations of Fresnel's Polarisation-Vector, with an Extension to the Case of Active Media: J. Walker.—On a convenient Terminology for the various Stages of the Malaria Parasite: Prof. E. Ray Lankester, F.R.S.

LINNEAN SOCIETY, at 8.—On some New Species of Lepadidæ in the British Museum (Nat. Hist.): Prof. A. Gruvel.—On the Morphology of the Brain in the Mammalia, with Special Reference to the Lemurs, Recent and Extinct: Dr. G. Elliot Smith.

RÖNTGEN SOCIETY, at 8.30.—Localisation; with Demonstration of a Simple Direct Reading Apparatus: Dr. Barry Blacker.

CHEMICAL SOCIETY, at 8.—The Slow Oxidation of Methane at Low Temperatures: W. A. Bone and R. V. Wheeler.—Isomeric Additive Compounds of Dibenzyl Ketone and Deoxybenzoin with Benzal-4-toluidine, m.Nitrobenzolylcamphor: M. O. Forster and F. M. G. Micklethwait.—Picrimidothiocarbonic Esters: J. C. Crocker.

FRIDAY, MARCH 7.

ROYAL INSTITUTION, at 9.—Radio-active Bodies: Prof. H. Becquerel. Geologists' Association, at 8.—The Zones of the White Chalk of the English Coast. III. Devonshire: Dr. A. W. Rowe.

SATURDAY, MARCH 8.

ROYAL INSTITUTION, at 3.—Some Electrical Developments: Lord Rayleigh, F.R.S.

ROYAL INSTITUTION, at 3.—Some Electrical Developments: Lord Rayleigh, F.R.S.

ESSEX FIELD CLUB (at Essex Museum of Natural History, Stratford), at 6.30.—The Spiders of Epping Forest: Frank P. Smith.—Eolithic Implements from the Plateau Grave around Walderslade: J. P. Johnson.

MONDAY, MARCH 10.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—Birmingham Sewage and its Treatment: F. R. O'Shaughnessy.—Remarks on the Technical Examination of Glue: E. G. Clayton.

ROYAL GEOGRAPHICAL SQUETY, at 8.30.—The Geographical Conditions determining History and Religion in Asia Minor: Prof. W. M. Ramsay.

SOCIETY OF ARTS, at 8.—Photography applied to Illustration and Printing: J. D. Geddes.

ROYAL INSTITUTION, at 3.—Recent Researches on Protective Resemblance, Warning Colours and Mimicry in Insects: Prof. E. B. Poulton, F.R.S.

F.R.S.
INSTITUTION OF CIVIL ENGINEERS, at 8.—Paper to be further discussed;
—Electrical Traction on Railways; W. M. Mordey and B. M. Jenkin.
AERONAUTICAL SOCIETY (Society of Arts), at 8.—The Development of Aérial Navigation in Germany; Major W. L. Moëdebeck.—Balloon Photography; Miss Gertrude Bacon.—The Barton Airship; Dr. F. A. Barton.

ANTHROPOLICICAL INSTITUTE, at 8.30.—A Collection of Andamanese Objects, presented to the Museum, Royal Gardens, Kew, by P. Vaux, Esq.: Exhibited by Sir William Thiselton-Dyer, K.C.M.G., F.R.S.—The Nicobar Islanders: Extracts from Diaries kept in Car Nicobar by V. Solomons, Esq., 1895-1900: Communicated by Col. R. C. Temple, C. I.F.

WEDNESDAY, MARCH 12.
SOCIETY OF ARTS, at 8.—The Utility of Alkaline Phosphatic Manures:
J. Hughes.

GEOLOGICAL SOCIETY, at 8.—The Crystalline Limestones of Ceylon:
A. K. Coomára-Swámy.—Researches among some of the Proterozoic
Gasteropoda which have been referred to Murchisonia and Pleurotomaria,
with Descriptions of New Species: Miss Jane Donald.

with Descriptions of New Species: Miss Jane Donald.

THURSDAY, MARCH 13.

ROVAL SOCIETY, at 4.30.—Croonian Lecture on the Physico-Chemical Properties of Hæmoglobin, its Compounds and Derivatives: Prof. A. Gamgee, F.R.S.

Institution of Electrical Engineers, at 8.—Adjourned discussion on the following papers:—Electric Shock and Legislation thereon: Major-General C. E. Webber, C.B., R.E.—Electric Shocks: F. B. Aspinall.—Electric Shocks at 500 volts: A. P. Trotter.

MATHEMATICAL SOCIETY, at 5.30.—The Theory of Cauchy's Principal values (III.): Mr. G. H. Hardy.—The Solutions of a System of Linear Congruences: Rev. J. Cullen.

SOCIETY OF ARTS (Indian Section), at 4.30.—The Indian Famine of 1899, and the Measures taken to meet It: T. W. Holderness.

FRIDAY, MARCH 14.

ROVAL INSTITUTION, at 9.—Magnetism in Transitu: Prof. S. P. Thompson, F.R.S.

Thompson, F.R.S.
ROYAL ASTRONOMICAL SOCIETY, at 8.
MALACOLOGICAL SOCIETY, at 8.
MALACOLOGICAL SOCIETY, at 8.—The Use of Long Steel Wires in Surveying: H. J. Deane.

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