

DIARY OF SOCIETIES.

THURSDAY, FEBRUARY 18.

ROYAL SOCIETY, at 4.30.—On the Iron Lines present in the Hottest Stars (Preliminary Note): J. N. Lockyer, F.R.S.—On the Significance of Bravais' Formulae for Regression, &c., in the case of Skew Variation: G. U. Yule.—Mathematical Contributions to the Theory of Evolution. On a Form of Spurious Correlation which may arise when Indices are used in the Measurement of Organs: Prof. K. Pearson, F.R.S.—Note to the Memoir of Prof. Karl Pearson, F.R.S., on Spurious Correlation: F. Galton, F.R.S.
 ROYAL INSTITUTION, at 3.—Problems of Arctic Geology: Dr. J. W. Gregory.
 SOCIETY OF ARTS, at 8.—The Mechanical Production of Cold: Prof. James A. Ewing, F.R.S.
 LINNEAN SOCIETY, at 8.—On certain Points in the Anatomy and Morphology of the Nymphaeaceae: D. T. Gwynne Vaughan.—The Adhesive Discs of *Ercilla spicata*, Uog.: T. H. Burrage.
 CHEMICAL SOCIETY, at 8.—The Oxidation of Sulphurous Acid by Potassium Permanganate: T. S. Dymond and F. Hughes.—Sodamide and some of its Substitution Derivatives; also Rubidamide: Dr. A. W. Titherley.
 CAMERA CLUB, at 8.15. Practical Use of X-Rays: Sydney Rowland.

FRIDAY, FEBRUARY 19.

ROYAL INSTITUTION, at 9.—The Approaching Return of the Great Swarm of November Meteors: Dr. G. Johnstone Stoney, F.R.S.
 GEOLOGICAL SOCIETY, at 3.—Annual Meeting.
 EPIDEMIOLOGICAL SOCIETY, at 8.

SATURDAY, FEBRUARY 20.

ROYAL INSTITUTION, at 3.—Growth of the Mediterranean Route to the East: W. F. Lord.

MONDAY, FEBRUARY 22.

SOCIETY OF ARTS, at 8.—The Industrial Uses of Cellulose: C. F. Cross.
 IMPERIAL INSTITUTE, at 8.30.—The Past, Present, and Future Sugar Supply of the British Empire: C. A. Barber.
 SANITARY INSTITUTE, at 8.—Law relating to the Supervision of Food Supply: A. Wynter Blyth.
 INSTITUTE OF ACTUARIES, at 7.—Governmental Supervision of Life Insurance in the United States of America: Sheppard Homans.
 CAMERA CLUB, at 8.15.—Spitzbergen: E. T. Garwood.

TUESDAY, FEBRUARY 23.

ROYAL INSTITUTION, at 3.—Animal Electricity: Prof. A. D. Waller, F.R.S.
 ANTHROPOLOGICAL INSTITUTE, at 8.30.
 INSTITUTION OF CIVIL ENGINEERS, at 8.—The Main Drainage of London: J. E. Worth and W. Santo Crimp.—The Purification of the Thames: W. J. Dibdin.
 ROYAL PHOTOGRAPHIC SOCIETY, at 8.—The *f/6* Stigmatic Lens and the New Astigmatic Corrector: Thomas R. Dallmeyer.—The Perfected Krömsköp: H. E. Ives.
 ROYAL VICTORIA HALL, at 8.30.—X- and other Rays of Light: Dr. J. W. Waghorn.

WEDNESDAY, FEBRUARY 24.

SOCIETY OF ARTS, at 8.—Reproduction of Colour by Photographic Methods: Sir Henry Trueman Wood.
 ZOOLOGICAL SOCIETY, at 8.30.—On the Nature and Origin of the Raunenthal Serpentine: Miss Catherine A. Raisin. (Communicated by Prof. T. G. Bonney, F.R.S.)—On Two Boulders of Granite from the Middle Chalk of Betchworth (Surrey): W. P. D. Stebbing.—Coal—A New Explanation of its Formation, or the Phenomena of a New Fossil Plant considered with reference to the Origin, Composition, and Formation of Coal Beds: W. S. Gresley.

THURSDAY, FEBRUARY 25.

ROYAL SOCIETY, at 4.30.—The following Papers will probably be read:—Note on the Dielectric Constant of Ice and Alcohol at very Low Temperatures: Prof. Dewar, F.R.S., and Prof. Fleming, F.R.S.—On the Relation between Magnetic Stress and Magnetic Deformation in Nickel: Dr. E. T. Jones.—On the Relations between the Cerebellar and other Centres (namely, Cerebral and Spinal), with especial reference to the Action of Antagonistic Muscles (Preliminary Account): Dr. Max Löwenthal and Prof. Horsley, F.R.S.—On the Action of Light on Diastase, and its Biological Significance: Prof J. R. Green, F.R.S.—Fragmentation in *Linus gesserevnsis*: A. Brown.
 ROYAL INSTITUTION, at 3.—The Problems of Arctic Geology: Dr. J. W. Gregory.
 SOCIETY OF ARTS, at 8.—The Mechanical Production of Cold: Prof. James A. Ewing, F.R.S.
 INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Electric Interlocking the Block and Mechanical Signals on Railways: Reply of F. T. Hollins to the Discussion.—Relative Size, Weight, and Price of Dynamo-electric Machines: E. Wilson.
 SANITARY INSTITUTE, at 8.—Sanitary Laws and Regulations governing the Metropolis: A. Wynter Blyth.
 CAMERA CLUB, at 8.15.—Silchester, the Result of Recent Explorations: H. Jones.

FRIDAY, FEBRUARY 26.

ROYAL INSTITUTION, at 9.—Palestine Exploration: Lieut.-Colonel C. R. Conder.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Rockers and Expansion-Bearings as applied to Girders of Short Span: A. F. Baynham and F. B. H. Dobree.

SATURDAY, FEBRUARY 27.

ROYAL INSTITUTION, at 3.—The Growth of the Mediterranean Route to the East: W. Frewen Lord.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—On Human Nature: A. Schopenhauer, selected and translated by T. B. Saunders (Sonnenschein).—Elements of Theoretical Physics: Dr. C. Christiansen, translated by Prof. W. F. Magie (Macmillan).—Zeit- und Streitfragen der Biologie: Dr. O. Hertwig, Heft 2 (Jena, Fischer).—Beiträge zur Kenntnis der Septalnectarien: J. Schniewind-Thies (Jena, Fischer). Beiträge zur Lehre von der Fortpflanzung der Gewächse: Dr. M. Möbius (Jena, Fischer).—Kainogenesis als Ausdruck differenter Phylogenetischer Energien: Dr. E. Mehnert (Jena, Fischer).—Das Botanische Practicum: Dr. E. Strasburger, Dritte Umgearbeitete Auflage (Jena, Fischer).—Wasted Records of Disease: C. E. Paget (Arnold).—Farthest North: Dr. F. Nansen, 2 Vols. (Constable).—Physics, an Elementary Text-Book for University Classes: Dr. C. G. Knott (Chambers).—Handbook for Mechanical Engineers: Prof. H. Adams, 4th edition (Spon).—Recueil de Procédés de Dosage: Prof. G. Arth (Paris, Carré).—Massachusetts Institute of Technology, Boston, Annual Catalogue, 1896-97 (Cambridge, Mass.).—Report of the Commissioner of Education for the Year 1894-5, 2 Vols. (Washington).

PAMPHLETS.—Photography as a Hobby: M. Surface (Lund).—Geological Literature added to the Geological Society's Library during the Year ended December 31, 1896 (Geological Society).—Tabellen für Gasanalysen, &c.: Prof. G. Lunge (Braunschweig, Vieweg).

SERIALS.—Engineering Magazine, February (Tucker).—Quarterly Journal of the Geological Society, Vol. liii. Part 1, No. 209 (Longmans).—General Index to the First Fifty Volumes of the Quarterly Journal of the Geological Society, Part 1 (Longmans).—Bulletin de l'Académie Royale des Sciences, &c., de Belgique, 1896, No. 12 (Bruxelles).—Minnesota Botanical Studies, Bulletin No. 9 (Minneapolis).—Journal of the Franklin Institute, February (Philadelphia).—American Naturalist, February (Philadelphia).

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