DIARY OF SOCIETIES.

- THURSDAY, MARCH II. ROVAL SOCIETY, at 4.30.—The Comparative Physiology of the Suprarenal Capsules : Swale Vincent.—The Origin and Destination of certain Afferent and Efferent Tracts in the Medulla Oblongata : Dr. J. S. Risien Russell —On the Orientation of certain Greek Temples and the Dates of their Foundation derived from Astronomical Considerations : F. C. Pen-rose, F.R.S.—Some Experiments with Cathode Rays : A. A. C. Swinton. —A Study of the Phenomena and Causation of Heat-contraction of Skeletal Muscle : Dr. T. G. Brodie and S. W. F. Richardson. RoyaL INSTITUTION, at 3.—Greek History and Extant Monuments : Prof. Percy Gardner.

- Percy Gardner. Society of ARTS, at 4.30.—Prevention of Famine in India : Sir Charles Alfred Elliott, K.C.S.I. MATHEMATICAL Society, at 8.—On a Law of Combination of Operators bearing on the Theory of Continuous Transformation Groups : J. E Campbell.—A System of Circles associated with a Triangle : Prof. Staggall Steggall.
- UNSTITUTION OF ELECTRICAL ENGINEERS, at 8.—On some Repairs to the South American Company's Cable off Cape Verde, 1893 and 1895 : H. Benest.
- CAMERA CLUB, at 8.15.—Forty Years of Mountaineering : Hon. Justice Wills.

- FRIDAV, MARCH 12. ROVAL INSTITUTION, at 9.—The Source of Light in Flames: Prof. A. Smithells.
- Buildens, Society, at 5.—A Mechanical Cause of Homogeneity of Struc-ture and Symmetry Geometrically investigated, with special application to Crystals and to Chemical Combination (illustrated by Models): William Barlow.
- to Crystals and to Chemical Combination (illustrated by Models): William Barlow. Roval ASTRONOMICAL SOCIETY, at 8.—On the Mean Motions of the Lunar Perigee and Node: Prof. E. W. Brown.—On the Theoretical Values of the Secular Accelerations in the Lunar Theory: Prof. E. W. Brown.— New Double Stars found in 1896: Royal Observatory, Cape of Good Hope.—Observations of Comets and Planets.: Royal Observatory, Edin-burgh.—Micrometrical Measures of Double Stars : W. Coleman.—The Nuclei of a Sun-spot: T. R. Mellor.—On a New Binary of Short Pericd in Dorado: T. J. J. See.—Observations taken at Vadsö during the Total Solar Eclipse, 1896, August 9, by Passengers of the ss. Neptum: com-municated by Rev. T. C. Porter.—The Orbit of & Cygni: S. W. Burn-ham.—On the curve $y = \left\{\frac{1}{x^2 + \sin^2\psi}\right\}^{\frac{1}{2}}$, and its connection with an Astronomical Problem: Mrs. W. H. Young (Miss G. Chisholm).—Dis-cordances of Index Errors of the Madras Mural Circle, 1834-42: A. M. W. Downing.—On a Photographic Transit Circle: H. H. Turner.— Further Proof of the Rotation Period of Venus: Percival Lowell.—The Spectrum of β Lyræ as observed at Stonyhurst College Observatory in 1895: Rev. W. Sidgreaves. MALACOLOGICAL SOCIETY, at 8. ANATOMICAL SOCIETY (University College), at 4. INSTITUTION OF CIVIL ENGINERKS, at 8.—The Inverness Section of the Inverness and Aviemore Railway: H. F. Brand. SATURDAY, MARCH 13. ROVAL INSTITUTION, at 3.—Electricity and Electrical Vibrations: Lord Rayleigh. ROVAL INSTITUTION, at 4.

Rayleigh. ROYAL BOTANIC SOCIETY, at 4.

- MONDAY, MARCH 15. IMPERIAL INSTITUTE, at 8.30.—Some Indian Dye-Stuffs: Prof. J. J.
- Hummel.
- Hummel. SOCIETY OF ARTS, at 4.30.—Alloys: Prof. W. Chandler Roberts-Austen, C. B., F.R.S. SANITARY INSTITUTE, at 8.—Diseases of Animals in relation to Food Supply: Dr. Alfred Hill. VICTORIA INSTITUTE, at 4.30.—Creation or Evolution: Dr. W. Kidd. *TUESDAY*, MARCH 16. ROYAL INSTITUTION, at 3.—Animal Electricity: Prof. A. D. Waller, F.R.S.

F.R.S.

- F.R.S.
 SOCIETY OF ARTS, at 8.—The Progress of the British Colonies of Australasia during the Sixty Years of her Majesty's Reign: James Bonwick.
 ZOOLOGICAL SOCIETY, at 8.30.—On the Malagasy Rodent-genus Bracky-uromys and its Affinities: Dr. C. I. Forsyth Major.—On a Collection of Mammals from North and North-west Australia (received February to): Dr. R. Collett, F.M.Z.S.—Vertebrate Palzontology in South America : Notes of a Recent Tour: A Smith Woodward.—On the Distribution of Marine Mammals : P. L. Sclater, F.R.S.
 INSTITUTION OF CIVIL ENGINEERS, at 8.—Discussion upon "The Main Drainage of London" and "The Purification of the Thames" to be con-tinued and concluded. —Also Paper to be read with a view to Dis-cussion: The Mond Gas-Producer Plant and its Application : H. A. Humphrey.

- Humphrey. ROVAL STATISTICAL SOCIETY, at 5.30. ROVAL VICTORIA HALL, at 8.30.—The Valley of Kashmir: Walter R. Lawrence.

WEDNESDAY, MARCH 17.

- WEDNESDAY, MARCH 17.
 ROYAL METEOROLOGICAL-SOCIETY, at 7.30.—Meteorological Observations in 1837 and 1897 : G. J. Symons, F.R.S.
 SOCIETY or ARTS, at 8.
 ROYAL MICROSCOPICAL SOCIETY, at 8.
 ENTOMOLOGICAL SOCIETY, at 8.
 ROYAL SOCIETY, at 4.30.—Probable Papers: On the Conditions which render Absolute the Readings of the Mercurial Thermometer : S. A. Sworn.—Experiments on the Flame Spectrum of Carbon Monoxide : Prof. Hartley, F.R.S.
 ROYAL INSTITUTION, at 3.—Greek History and Extant Monuments : Prof. Percy Gardner.
 LINNEAN SOCIETY, at 8.—Further Observations on Stipules: Right Hon. Sir John Lubbo-k, Bart, M.P., F.R.S.—On the Origin of Transfusion-tissue in the Leaves of Gymnospermous Plants : W. C. Worsdell.
 CHEMICAL SOCIETY, at 8.—Further Observations on Aldoximes and Revealed Scott.—On a New Series of Miacosulphates of the Vitriol Group : Dr. Alexander Scott.—The Action of Alkylhaloids on Aldoximes and Ketoximes : Wyndham R. Dunstan, F.R.S., and Ernest Goulding.
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INSTITUTION OF CIVIL ENGINEERS. at 8.—The Fifth "James Forrest" Lecture—Bacteriology & Dr. G. Sims Woodhead SANITARY INSTITUTE, at 8.—Infectious Diseases and Methods of Disinfec-tion : Dr. H. R. Kenwood. CAMERA CLUB, at 8.15.—Geographical Pictures : Dr. H. R. Mill.

BOOKS, PAMPHLETS, and SERIALS RECEIVED. BOOKS.—The Larvæ of the British Butterflies and Moths: W. Buckler, edited by G. T. Porritt, Vol. vii. (Ray Society).—A Contribution to the History of the Respiration of Man: Dr. W. Marcet (Churchill).—Further Contributions to the Geology of the Sierra Nevada : H. W. Turner (Wash-ington).—Vita Medica : Chaoters of Medical Life and Work: Sir B. W. Richardson (Longmans).—Experimental Morphology : Dr. C. B. Daven-port, Part 1 (Macmillan).—A Recalculation of the Atomic Weights : F. W. Clarke, new edition (Washington).—Appearance and Reality : Dr. F. H. Bradley, 2nd Edition (Sonnenschein).—L'Éclairage a l'Acétylène : G. Pelissier (Paris, Carré).—La Plague Photographique : R. Colson (Paris, Carré).—Seventeenth Report of the U.S. Geological Survey, Part 3, 2 Vols. (Washington).—Chapters on the Aims and Practice of Teaching : edited by Prof. F. Spencer (Cambridge University Press). PAMPHLETS.—Moods, their Mental and Physical Character : F. Phillips (Churchill).—Insects affecting Domestic Animals : Prof. H. Osborn (Wash-ington).—Zir Zoogeographie der Landbewohnenden Wirbellosen : Dr. O. Stoll (Berlin, Friedländer).—Grasses and Forage Plants of the Dakotas : T. A. Williams (Washington).—Yirginia Cartography : P. L. Phillips (Wash-ington).—Atmospheric Actinometry and the Actinic Constitution of the Atmosphere : Prof. E. Duclaux (Washington). SERIALS.—Humanitarian, March (Hutchinson).—National Review, March (Arnold).—Fortnightly Review, March (Chapman).—Journal of the Chemical Society, Jenuary (Gurney).—Bulletin of the New York Mathe-matical Society, February (New York, Macmillan).—Das Tierreich, r Liefg.: Aves (Berlin, Friedländer).—Geographical Journal, March (Stanford).— Atlantic Monthly, March (Gay).—American Journal of Science, March New Haven). BOOKS, PAMPHLETS, and SERIALS RECEIVED.

New Haven).

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