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DIARY OF SOCIETIES.

THURSDAY, MARCH 6.

ROYAL SOCIETY, at 4.30.—An Automatic Method for the Investigation of the Velocity of Transmission of Excitation in Mimosa: Prof. J. C. Bose.—The Evolution of the Cretaceous Asteroida: W. K. Spencer.—A Preliminary Note on the Fossil Plants of the Mount Potts Beds, New Zealand, collected by Mr. D. G. Lillie, Biologist to Capt. Scott's Antarctic Expedition in the *Terra Nova* in 1911: Dr. E. A. Newell Arber.—(1) Trypanosomes found in the Blood of Wild Animals Living in the Sleeping Sickness Area, Nyasaland; (2) Trypanosome Diseases of Domestic Animals in Nyasaland—II. *Trypanosoma caprae* (Kleiner); (3) Morphology of Various Strains of the Trypanosome causing Disease in Man in Nyasaland. I. The Human Strain: Surg.-Gen. Sir D. Bruce, F.R.S., Majors D. Harvey and A. E. Hamerton, and Lady Bruce. ROYAL INSTITUTION, at 3.—Surface Energy: W. B. Hardy. INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Recent Developments in the Street Lighting of Manchester: S. L. Pearce and H. A. Ratcliff. ROYAL SOCIETY OF ARTS, at 4.30.—Indian Section—The City of Karachi: J. F. Brindley. LINNEAN SOCIETY, at 8.—Discussion: The Development and Inheritance of Sexual Characters—Opener: G. Smith.

FRIDAY, MARCH 7.

ROYAL INSTITUTION, at 9.—Photography of the Paths of Particles Ejected from Atoms: C. T. R. Wilson.

SATURDAY, MARCH 8.

ROYAL INSTITUTION, at 3.—The Properties and Constitution of the Atom: Sir J. J. Thomson, O.M.

MONDAY, MARCH 10.

ROYAL SOCIETY OF ARTS, at 8.—Coal Gas as a Fuel for Domestic Purposes: F. W. Goodenough.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.

TUESDAY, MARCH 11.

ROYAL INSTITUTION, at 3.—The Movements of the Stars: Our Greater System: Prof. H. H. Turner.

MINERALOGICAL SOCIETY, at 5.30.—The Mineral Collection of Thomas Pennant (1726-1798): W. Campbell Smith.—The Minerals and Mineral Localities of Montgomeryshire: Arthur Russell.—A New Stereographic Projector: Dr. G. F. Herbert Smith.—A (sixth) List of New Mineral Names: L. J. Spencer.

ILLUMINATING ENGINEERING SOCIETY, at 8.—The History of Gas-lighting in this Country: W. J. Liberty.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Notes on City Passenger-Transportation in the United States: G. D. Snyder.

WEDNESDAY, MARCH 12.

ROYAL SOCIETY OF ARTS, at 8.—The Use of White Lead in Painting: Noel Heaton.

INSTITUTE OF CHEMISTRY, at 8.—The Function and Scope of "The Chemist" in a Pharmaceutical Works: C. A. Hill.

AERONAUTICAL SOCIETY, at 8.30.—Some Research: A. P. Thurston.

ROYAL METEOROLOGICAL SOCIETY, at 7.30.—British Weather Forecasts: Past and Present: R. G. K. Lempfert.

THURSDAY, MARCH 13.

ROYAL SOCIETY, at 4.30.—Probable Papers: A Simple Method of Finding the Approximate Period of Stable Systems: A. Mallock.—The Motion of

Electrons in Gases: Prof. J. S. Townsend and H. T. Tizard.—The Self Inductance of Circular Coils of Rectangular Section: Prof. T. R. Lyle.—Ammonium Ferrous Sulphate and its Alkali-Metal Isomorphs: Dr. A. E. H. Tutton.—The Recombination of the Ions produced by Röntgen Rays in Gases and Vapours: H. Thirkill.—Optical Investigation of Solidified Gases. III. The Crystal-properties of Chlorine and Bromide: Dr. W. Wahl.

ROYAL INSTITUTION, at 3.—Surface Energy: W. B. Hardy.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Power Supply on the Rand: A. E. Hadley.

CONCRETE INSTITUTE, at 7.30.—Discussion of Reports of the Reinforced Concrete Practice Standing Committee on: (1) Cracks in Concrete; (2) Surface Treatment of Concrete.

INSTITUTION OF MINING AND METALLURGY, at 8.—Annual General Meeting.

MATHEMATICAL SOCIETY, at 8.—Some Cases of Tidal Motion of Rotating Sheets of Water: J. Proudman.—Indeterminate Equations of the Third and Fourth Degree: L. J. Mordell.

SOCIETY OF DYERS AND COLOURISTS, at 8.—Stripping Agents for Garment Dyers: F. G. Newbury.—A Few Notes on Fur Dyeing: M. C. Lamb.

FRIDAY, MARCH 14.

ROYAL INSTITUTION, at 9.—Great Advance in Crystallography: Dr. A. E. H. Tutton.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.

PHYSICAL SOCIETY (University College, Gower Street), at 5.—Demonstration of Spark Photographs: W. B. Haines.—(1) Some Oscillograms of Condenser Discharges and a Simple Theory of Coupled Circuits; (2) Exhibition of Braun Kathode-Ray Tubes and an Electrostatic Machine for Working them, used as a High-frequency Oscillograph: Prof. J. A. Fleming.—The Stretching and Breaking of Sodium and Potassium: B. B. Baker.—The Latent Heat of Evaporation of Aqueous Salt Solutions: R. G. Lunnon.—Some Flame Spectra: Dr. E. N. da C. Andrade.

ROYAL ASTRONOMICAL SOCIETY, at 5.

SATURDAY, MARCH 15.

ROYAL INSTITUTION, at 3.—The Properties and Constitution of the Atom: Sir J. J. Thomson, O.M.

CONTENTS.

PAGE

Scientific Worthies. XL.—Sir J. J. Thomson, O.M., F.R.S. (<i>With Portrait.</i>) By Prof. Augusto Righi	1
An English Text-book of Protozoology	5
Chemistry and its Applications. By W. A. T.	6
Practical Mathematics	7
Our Bookshelf	8
Letters to the Editor:—	
The Spectra of Neon, Hydrogen, and Helium.—Prof. A. Fowler, F.R.S.	9
The Influence of Icebergs on the Temperature of the Sea.—Dr. John Aitken, F.R.S.	10
Systems of Lines obtained by Reflection of X-Rays.—Dr. E. Hupka; W. Steinhaus	10
Four-horned Sheep in Scotland.—Dr. James Ritchie	10
The Tribes of Northern and Central Kordofan. (<i>Illustrated.</i>)	11
A Memorial to Sir Joseph Hooker	12
Sir William Henry White, K.C.B., F.R.S.	12
Prof. Adam Sedgwick, F.R.S.	14
Notes	15
Our Astronomical Column:—	
Discovery of a Comet 1912d	19
An Interesting Occultation	19
Publications of the Vienna Observatory	20
Astronomical Year-Books	20
The Eugenics Education Conference. By E. H. J. S.	20
Napier Tercentenary Celebration	20
The Method of "Shock-Excitation" in Wireless Telegraphy	21
A Superannuation Scheme for English University Teachers	21
University and Educational Intelligence	22
Societies and Academies	23
Books Received	25
Diary of Societies	26

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