

the polygastric muscles: J. Chaine.—The respiratory curve in the newly-born: L. Vallois and C. Fleig.—On the food value of different kinds of bread: Pierre Fauvel.

CALCUTTA.

**Asiatic Society of Bengal, May 3.**—Contributions to Oriental herpetology, iii., notes on the Oriental lizards in the Indian Museum (part ii.), Lacertidæ, Scincidæ, and Dibamidæ: Dr. N. Annandale. Three new Indian skinks are described, and four imperfectly diagnosed species re-described, while one, *Lygosoma pulchellum*, is added to the fauna of Burma. Notes on other examples of the family and of the Lacertidæ are given, based on the late Dr. J. Anderson's collection from N.W. Asia and the late Prof. J. Wood-Mason's from Sinking Island and Malaya, as well as the extensive Indian, Burmese, and Persian collections in the museum. A revised list of the species recorded from India, Burma, and Ceylon is appended, with their distribution within these limits.—Materials for a flora of the Malayan Peninsula, No. 16: Sir G. King and J. S. Gamble. The present contribution to these materials contains the account of the genus *Psychotria* required to conclude the joint account by the authors of the natural order Rubiaceæ commenced in part xiv. and continued in part xv. of this series. This account of *Psychotria* comprises descriptions of 26 completely represented and 3 imperfectly known species; of these, 11 species are new to science. In addition, this fasciculus contains accounts, for which the authors are jointly responsible, of several natural orders.

DIARY OF SOCIETIES.

THURSDAY, JUNE 1.

ROYAL INSTITUTION, at 5.—Electro-magnetic Waves: Prof. J. A. Fleming, F.R.S.

INSTITUTION OF MINING ENGINEERS (in the Rooms of the Geological Society), at 11 A.M.—The Firing of Babcock Boilers with Coke-oven Gases: T. Y. Greener.—Compound Winding-engine at Lumpsey Mine: M. R. Kirby.—Note Supplementary to a Paper on the Electric Driving of Winding-gears: F. Hird.—Electric Winding-engines at the Exhibition of the North of France, Arras, Pas-de-Calais: Ed. Lozé.—The Education of Mining Engineers in the United States: Prof. Howard Eckfeldt.—An Outline of Mining Education in New Zealand: Prof. James Park.—Coal-blasts in Mines in the Giridih Coal-field, Bengal, India: Thomas Adamson.

LINNEAN SOCIETY, at 8.

CHEMICAL SOCIETY, at 8.—(1) The Constituents of the Seeds of *Hydnocarpus Wightiana* and *Hydnocarpus Anthelmintica*. Isolation of a Homologue of Chaulmoogric Acid.—(2) The Constituents of the Seeds of *Gynocardia Odorata*: F. B. Power and M. Barrowcliff.—The Relation of Ammonium to the Alkali Metals. A Study of Ammonium Magnesium and Ammonium Zinc Sulphates and Selenates: A. E. H. Tutton.—Camphorylazoimide: M. O. Forster and H. E. Fierz.—Influence of Substitution on the Formation of Diazoamines and Aminoazo-compounds. Part III. Azo-derivatives of the Symmetrically Disubstituted Primary Metadiazines: G. T. Morgan and W. O. Wootton.—Diazo-derivatives of Mono-acylated Aromatic Para-diazines: G. T. Morgan and Miss F. M. G. Micklethwait.—The Significance of Optical Properties as Connoting Structure: Camphorquinone-hydrazone-oximes; a Contribution to the Chemistry of Nitrogen: H. E. Armstrong and W. Robertson.—Solubility as a Measure of the Change undergone by Isodynamic Hydrazones. (1) Camphorquinonephenylhydrazone. (2) Acetaldehydephenylhydrazone: W. Robertson.—The Design of Gas-regulators for Thermostats: T. M. Lowry.—The Constitution of Barbaloin. Part I.: H. A. D. Jowett and C. E. Potter.—Influence of Substitution on the Formation of Diazoamines and Aminoazo-compounds. Part IV. 5-Bromo-*as*(4)-dimethyl-2: 4-diamine-toluene: G. T. Morgan and A. Clayton.—The Action of Hypobromous Acid on Piperazine: F. D. Chattaway and W. H. Lewis.—The Action of Magnesium Methyl Iodide on Pinene Nitroschloride: W. A. Tilden and J. A. Stokes.—Racemisation Phenomena during the Hydrolysis of Optically Active Menthyl and Bromyl Esters by Alkali: A. McKenzie, and H. B. Thompson.

RÖNTGEN SOCIETY, at 8.15.—The Röntgen Congress in Berlin: Dr. W. Deane Butcher.

FRIDAY, JUNE 2.

INSTITUTION OF MINING ENGINEERS (in the Rooms of the Geological Society), at 10.30 A.M.—The Conveyor-system for filling at the Coal-face, as practised in Great Britain and America: W. C. Blackett and R. G. Ware.—Underground Fires at the Greta Colliery, New South Wales: J. Jeffries.—The Geology of Chunies Poort, Transvaal: A. R. Sawyer.—Underground Horses at an Indian Colliery: T. Adamson.—Description of the Eimbeck Duplex Base-line Bar: W. Eimbeck.

GEOLOGISTS' ASSOCIATION, at 8.—Note on a Piece of Mosasaurian Jaw obtained by G. E. Dibley from the Chalk of Cuxton, Kent: Dr. A. Smith Woodward.—The Chalk Area of North-east Surrey: G. W. Young.

SATURDAY, JUNE 3.

ROYAL INSTITUTION, at 3.—Exploration in the Philippines: A. H. Savage Landor.

MONDAY, JUNE 5.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Exploring Journeys in Asia Minor: Colonel P. H. H. Massy.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—The Manufacture and Use of Art Papers: R. W. Sindall.—The Influence of Gelatine Sizing on the Strength of Paper: C. Beadle and H. P. Stevens.

INSTITUTE OF ACTUARIES, at 5.—Annual General Meeting.

TUESDAY, JUNE 6.

ZOOLOGICAL SOCIETY, at 8.30.—Notes on the Natural History of Western Uganda: Colonel C. Delmé-Radcliffe.—Descriptions of New Species of *Cedionychis* and Allied Genera: M. Jacoby.—On the Intestinal Tract of Mammals: Dr. P. C. Mitchell.

WEDNESDAY, JUNE 7.

ENTOMOLOGICAL SOCIETY, at 8.—New African *Lasiocampidæ*: Prof. C. Aurivillius.—*Rhynchota* collected by Dr. A. H. Willey at Birara and Lifu: G. W. Kirkaldy, with an introduction by Dr. David Sharp.

GEOLOGICAL SOCIETY, at 8.—The Microscopic Structure of Minerals forming Serpentine, and their Relation to its History: Prof. T. G. Bonney and Miss C. A. Raisin.—The Tarus of the Canton Ticino: Prof. E. J. Garwood.

VICTORIA INSTITUTE, at 4.—Annual Meeting. The Earl of Halsbury will take the chair.

SOCIETY OF PUBLIC ANALYSTS, at 8.—The Separation of Strychnine and Brucine: D. L. Howard.—Ammonium Oxalate, its Formula and Stability: P. V. Dupré.—(1) Notes on some Abnormal Milks from Cleveland and South-east Durham; (2) A Simple and Convenient Camera for Photomicrographic Work: A. C. Wilson.—The Composition and Analysis of Milk: H. D. Richmond.

THURSDAY, JUNE 8.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: (1) On the Thermoelectric Junction as a Means of Determining the Lowest Temperatures; (2) Studies with the Liquid Hydrogen and Air Calorimeters: Sir James Dewar, F.R.S.—Colours in Metal Glasses, and in Metallic Films and Metallic Solutions: J. C. M. Garnett.—Correction to Dr. H. A. Wilson's Memoir "On the Electric Effect of Rotating a Dielectric in a Magnetic Field": S. J. Barnett.—On the Application of Statistical Mechanics to the General Dynamics of Matter and Ether. The General Method of Statistical Mechanics: J. H. Jeans.—On the Magnetic Qualities of some Alloys not containing Iron: Prof. J. A. Fleming, F.R.S., and R. A. Hadfield.—On the Phosphorescent Spectrum of *Sδ* and Europium: Sir William Crookes, F.R.S.—On the Perturbations of the Biellid Meteors: Dr. A. M. W. Downing, F.R.S.—The Pharmacology of Imdaconitine and Bikhacointine: Prof. J. T. Cash, F.R.S., and Prof. W. R. Dunstan, F.R.S.—And other papers.

ROYAL INSTITUTION, at 5.—Electromagnetic Waves: Prof. J. A. Fleming, F.R.S.

MATHEMATICAL SOCIETY, at 5.30.—On a Class of Many-valued Functions Defined by a Definite Integral: G. H. Hardy.

FRIDAY, JUNE 9.

ROYAL INSTITUTION, at 9.—Submarine Navigation: Sir William White, K.C.B., F.R.S.

ROYAL ASTRONOMICAL SOCIETY, at 5.

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