

NEW SOUTH WALES.

Linnean Society, September 25.—Mr. Henry Deane, President, in the chair.—Notes on Cicadas, by W. W. Froggatt.—Description of a tree creeper presumably new, by C. W. De Vis, *Chimacteris animosa*, n.sp. Several examples were obtained in clearings in the Mulga Scrubs, at Charleville.—On the dates of publication of the early volumes of the Society's Proceedings, by J. J. Fletcher.—The President exhibited a number of botanical specimens from the Tweed River.—Mr. Froggatt exhibited his collection of Sydney Cicadas.—Mr. Steel showed a Gecko (*Gehyra vorax*, Gir.) from the Rewa River, Fiji.—Mr. Fletcher showed some English humble bees, the defunct portion of a consignment from New Zealand, recently imported by the Department of Agriculture in the hope of the successful acclimatisation of the insects. Of the remainder, some were liberated in the Botanic Gardens, and some in the Society's arden.

BERLIN

Meteorological Society, October 15.—Prof. Hellmann, President, in the chair.—Dr. Kassner spoke on the influence of weather on the growth of sugar-beets. He had compared the beet-root crops in the provinces of Saxony and Silesia, with the temperatures, rainfall, and intensity of rain during fifteen years, for the yearly period from October 1 to September 30. The curves of temperature corresponded to those of the crops in both provinces, except in 1887. On the other hand, the curves of rainfall in Silesia showed no such correspondence, although they were in somewhat greater harmony in Saxony. The curves of intensity of rain were in somewhat closer accordance with those of the crops, than were the curves of rainfall. The speaker came to the conclusion that the relationship of weather to crops requires a much more thorough investigation than is possible with the scanty data as yet available.

DIARY OF SOCIETIES.

LONDON.

THURSDAY, NOVEMBER 21.

ROYAL SOCIETY, at 4.30.—(1) On the Gases obtained from the Mineral *Eliasite*. (2) On the New Gases obtained from Uraninite. Sixth Note. (3) On the Variable Stars of the δ Cephei Class: J. Norman Lockyer, C.B., F.R.S.—Microscopic and Systematic Study of Madreporarian Types of Corals: Miss Maria M. Ogilvie.—On the Calibration of the Capillary Electrometer: G. J. Burch.—An Experimental Investigation of the Laws of Attrition: F. T. Trouton.—Experiments on Fluid Viscosity: A. Mallock.

LINNEAN SOCIETY, at 8.—Development of a Single Seed in the Fruit of the *Coccoloba Palm* (*Cocos nucifera*): D. Morris, C.M.G.—Assimilation in Plants under Abnormal Conditions: A. J. Ewart.—On a New Species of *Pinites* from Wealden (England): A. C. Seward.

CHEMICAL SOCIETY, at 8.—The Evolution of Carbon Monoxide by Alkaline Pyrogallol Solution during Absorption of Oxygen: Prof. Clowes.—The Composition of the Limiting Explosive Mixtures of various Combustible Gases with Air: Prof. Clowes.—Barium Butyrate and the Estimation of Butyric Acid: W. H. Willcox.—And other Papers.

LONDON INSTITUTION, at 6.—Relation of Ants to Plants: Prof. F. E. Weiss.

CAMERA CLUB, at 8.15.—Mechanical Carriages: J. H. Knight.

SOCIETY OF ANTIQUARIES, at 8.30.

NUMISMATIC SOCIETY, at 7.

FRIDAY, NOVEMBER 22.

PHYSICAL SOCIETY, at 5.—An Exhibition of Photographs of Spectra: G. Johnstone Stoney.—A Direct Reading Platinum Thermometer: R. Appleyard.—Historical Note on Resistance and its Change with Temperature: R. Appleyard.

CLINICAL SOCIETY, at 8.30.

SATURDAY, NOVEMBER 23.

ROYAL BOTANIC SOCIETY, at 3.45.

MONDAY, NOVEMBER 25.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The *Faeroe Islands*: Dr. Karl Grossmann.

INSTITUTE OF ACTUARIES, at 7.—Address by the President, Mr. Alex. J. Finlaison, C.B., on the Recent International Congress of Actuaries at Brussels.

MEDICAL SOCIETY, at 8.30.

CAMERA CLUB, at 8.15.—Daylight Enlarging: F. Seyton Scott.

TUESDAY, NOVEMBER 26.

ROYAL PHOTOGRAPHIC SOCIETY, at 8.—Photo-ceramics. A Demonstration will be given by Mr. W. Ethelbert Henry.—A Method of Carbon-printing without Transfer: Valentine Blanchard.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Discussion on Subaqueous Tunnelling by Shield and Compressed Air.

ROYAL VICTORIA HALL, at 8.30.—The Land of the Midnight Sun: Prof. Clowes.

ROYAL MEDICAL AND CHIRURGICAL SOCIETY, at 8.30.

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WEDNESDAY, NOVEMBER 27.

SOCIETY OF ARTS, at 8.—Locomotive Carriages for Common Roads: H. H. Cunyngame.

BRITISH ASTRONOMICAL ASSOCIATION, at 5.

THURSDAY, NOVEMBER 28.

ROYAL SOCIETY, at 4.30 (Extra Meeting).—The following Papers will probably be read:—Mathematical Contributions to the Theory of Evolution. III. Regression, Heredity, and Panmixia: Prof. Karl Pearson.—The Expansion of Argon and of Helium as compared with that of Air and Hydrogen: J. P. Kuenen and W. W. Randall.—On the Percentage of Argon in Respired Air: A. Kellas.—Examination of Gases from certain Mineral Waters: A. Kellas and Prof. Ramsay, F.R.S.—On the Granular Leucocytes: G. L. Gulland.—On the Development of *Lichenopora verrucaria*, Fabr.: S. F. Harmer.

LONDON INSTITUTION, at 6.—A Forest Primeval: Prof. W. Boys Dawkins, F.R.S.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—The Electric Wiring Question: F. Bathurst.—Concentric Wiring: Sam Mavor.

SOCIETY OF ANTIQUARIES, at 8.30.

SATURDAY, NOVEMBER 30.

ROYAL SOCIETY, at 4.—Anniversary Meeting.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—British Birds' Nests: R. Kearton (Cassell).—Text-Book of the Embryology of Invertebrates: Drs. Korschelt and Heider, translated, Part 1 (Sonnenschein).—Royal Natural History, Vol. 4 (Warne)—A Laboratory Course in Experimental Physics: W. J. London and J. C. McLennan (Macmillan).—Outlines of Psychology: Prof. O. Külpe, translated by Prof. E. B. Titchener (Sonnenschein).—Recettes de l'Electricien: E. Hospitalier (Paris, Masson).—Evolution in Art: Prof. A. C. Haddon (Scott).

PAMPHLETS.—Manchester Museum, Owens College, Museum Handbooks: Catalogue of the Hadfield Collection of Shells from the Loyalty Islands: J. C. Melvill and R. Standen (Manchester, Cornish).—The Ethnology of Buchan (Peterhead).

SERIALS.—Strand Magazine, November (Newnes).—Records of the Australian Museum, Vol. 2, No. 6 (Sydney).—Psychological Review, November (Macmillan).—Transactions of the Rochdale Literary and Scientific Society, Vol. 4 (Kochdale).—Journal of Conchology, January, April, July, October (Dulau).—Synoptical Flora of North America, Vol. 1, Part 1, Fasc. 1: Gray, Watson, and Robinson (Wesley).—Himmel und Erde, November (Berlin).—Royal Natural History, Part 25 (Warne).

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