

Australia and Europe.—Prof. J. T. Wilson was elected President for the current year.

Monthly Meeting.—Prof. Wilson, President, in the chair.—Descriptions of new Australian Lepidoptera, with notes on synonymy, by Oswald B. Lower. Twenty-six species referable to the sections Bombycina, Geometrina, Noctuina, Pyralidina and Tineina, were described as new.—Studies in Australian entomology, No. 8. Descriptions of two new Tiger-beetles, by T. G. Sloane. A new species of *Megacephala* from West Australia and of *Tetracha* from Barrow Creek, Northern Territory of South Australia, were described.—Notes on Australian fungi, by D. McAlpine. Ten species were added to the cryptogamic flora of New South Wales, of which six were described as new, and four were recorded for the first time, one of them in association with a new host.

DIARY OF SOCIETIES.

THURSDAY, JUNE 10.

MATHEMATICAL SOCIETY, at 8.—Models of the Regular Convex and Star Solids: W. W. Taylor.—The Calculus of Equivalent Statements (Sixth Paper): H. MacColl.—On the Primitive Substitution Groups of Degree Fifteen: Dr. G. A. Miller.—A Generalised Form of the Binomial Theorem: Rev. F. H. Jackson.

FRIDAY, JUNE 11.

ROYAL INSTITUTION, at 9.—Diamonds: W. Crookes, F.R.S.
ROYAL ASTRONOMICAL SOCIETY, at 8.—Theory of the Motion of the Moon: Note on the Mean Motions of the Lunar Perigee and Node: Prof. E. W. Brown.—Elements of Comet Perine (*f*) 1896 November 2: C. J. Merfield.—Nebula H I. 43 Virginis: Prof. K. D. Naegamala.—The Shower of Leonids in 1897: W. F. Denning.—Results of Double Star Measures with the 8-inch Equatorial at Windsor, New South Wales, in 1896: John Tebbutt.—*Probable Papers*: Notes on the Reduction of Stellar Photographs: A. A. Rambaut.—Photographic Observation of Comet *b*, 1896: A. A. Rambaut.

PHYSICAL SOCIETY, at 5.—The Effect of Sea-water on Induction Telegraphy: C. S. Whitehead.—A New Definition of Focal Length, and an Instrument for its Determination: Thomas H. Blakesley.—On the Decomposition of Silver Salts under Pressure: Dr. J. E. Myers and Dr. F. Braun.—On a New Way of determining Hysteresis in Straight Strips: Dr. Fleming, F.R.S.

MALACOLOGICAL SOCIETY, at 8.

SATURDAY, JUNE 12.

ROYAL BOTANIC SOCIETY, at 4.
LONDON GEOLOGICAL FIELD CLASS.—Excursion—Coulston to Mersham. Lower Chalk. Leave Cannon Street, 2.17; arrive Coulston, 2.50.

MONDAY, JUNE 14.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—Note on a Possible Danger from Fire involved in the Transport of Barium Peroxide in Wooden Barrels: Dr. A. Dupré, F.R.S.—The Valuation of Commercial Nitrate of Soda: Dr. Pauli.—Recent Improvements in Smokeless Compounds and in Processes of Manufacture: Hudson Maxim.—Comparative Experiments on the Estimation of Phosphoric Acid: Alexander Cameron.—The Strength of Commercial Formaldehyde Solutions: W. A. Davis.

TUESDAY, JUNE 15.

ZOOLOGICAL SOCIETY, at 8.30.—On the Mammals obtained by Mr. John Whitehead during his Recent Expedition to the Philippines. With Field-Notes by the Collector: Oldfield Thomas.—On the Presence of Ribs in *Polyodon (Spatularia) folium*: Prof. T. W. Bridge.—On the Spiders of the Family *Theraphosidae (Mygalidae)* from the Ethiopian Region, contained in the Collection of the British Museum: R. I. Pocock.

ROYAL PHOTOGRAPHIC SOCIETY, at 8.

WEDNESDAY, JUNE 16.

ROYAL METEOROLOGICAL SOCIETY (Burlington House), at 4.30.—The Non-Instrumental Meteorology of London, 1713–1896: R. C. Mossman.—Hailstorm in the South-West of London, April 27, 1897: Charles Harding.

ROYAL MICROSCOPICAL SOCIETY, at 7.30.—Exhibition of Palates of Molluscs from a Collection recently presented by Mr. C. Rousselet.

THURSDAY, JUNE 17.

ROYAL SOCIETY, at 4.30.
LINNEAN SOCIETY, at 8.—On the Distribution of *Primula elatior*, Jacq.: Miller Christy.—On the Acari collected by Mr. H. Fisher, Naturalist of the Jackson-Harmsworth Polar Expedition, at Cape Flora, Northbrook Island, Franz-Josef Archipelago, in 1896: A. D. Michael.—Further Observations on Stipules: Sir John Lubbock, Bart., F.R.S.—On Minor Tension Lines between Plant Formations: Prof. Conway Macmillan.

CHEMICAL SOCIETY, at 8.—Ballot for the Election of Fellows.—The Reduction of Perthiocyanoic Acid: F. D. Chattaway and H. P. Stevens.—Molecular Refraction of Dissolved Salts and Acids, Part II.: Dr. J. H. Gladstone, F.R.S., and W. Hibbert.—On a Space Formula for Benzene: Prof. J. Norman Collie, F.R.S.—On the Production of some Nitro- and Amido-oxypicolines: Dr. A. Lapworth and Prof. J. Norman Collie, F.R.S.—The so-called Hydrates of Iso-propyl Alcohol: Dr. T. E. Thorpe, F.R.S.—The Carbohydrates of the Cereal Straws: C. F. Cross, E. J. Bevan, and C. Smith.—Further Experiments on the Absorption of Moisture by Deliquescent Substances: H. Wilson Hake.

MINERALOGICAL SOCIETY, at 8.—On Blödite from the Punjab: F. R. Mallet.—On Monazite and Xenotime in European Rocks: Orville A. Derby.—On the Identity of Sundtite and Webnerite: G. T. Prior and L. J. Spencer.

FRIDAY, JUNE 18.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Sub-Oceanic Changes: Prof. John Milne, F.R.S.

SATURDAY, JUNE 19.

GEOLOGISTS' ASSOCIATION—Excursion to Leighton Buzzard. Director: A. C. G. Cameron. Leave Euston, 9.10 a.m.; arrive Leighton, 10.47 a.m.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—The Naturalist in Australia: W. Saville-Kent (Chapman).—Scientific Romances: C. H. Hinton, second series (Sonnenschein).—Waste and Repair in Modern Life: Dr. Robson Roose (Murray).—W. and A. K. Johnston's Geological Map of the British Isles, revised edition (Johnston).—Mineralogical Geology. A Synopsis for the use of Students, to accompany ditto: A. Johnstone (Johnston).—Smithsonian Institution. Annual Report to July 1895 (Washington).—U.S. Department of Agriculture. Weather Bureau. Report of the Chief of the Weather Bureau, 1895–96 (Washington).

PAMPHLETS.—Adriades: P. Pasinii (Venitius, Visentini).—The Monetary Situation in 1897: G. M. Boissevain (Macmillan).

SERIALS.—Strand Magazine, June (Newnes).—Middlesex Hospital Journal, No. 3 (London).—Journal of the Anthropological Institute, May (K. Paul).—Catalogus Mammalium, nova editio, Fasc. 2 (Berolini, Friedländer).—Bulletin de l'Académie Royale des Sciences, &c., de Belgique, 1897, No. 4 (Bruxelles).—Memoirs and Proceedings of the Manchester Literary and Philosophical Society, Vol. 41, Part 3 (Manchester).—Observatory, June (Taylor).—Himmel und Erde, May (Berlin, Paetel).—Atlantic Monthly, June (Gay).—Annals of the Astronomical Observatory of Harvard College, Vol. xxviii, Part 1 (Cambridge, Mass., Wilson).—Ditto, Vol. xxxvi. (Waterville, Me.).—Fortnightly Review, June (Chapman).

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