

—Botanical notes from the Technological Museum, Sydney. No. 1. by J. H. Maiden and R. T. Baker. The paper embodied a number of fresh localities for New South Wales plants, and also New South Wales localities for plants hitherto known only from Queensland, viz. *Decaspermum paniculatum*, *Psychotria nematopoda*, *Tetranthera ferruginea*, (*Litsaea hexanthus*). There are also recorded observations on *Amperea spartioides* with pedicellate female flowers, several at each node, *Hovea acutifolia*, with glabrous pods; notes on *Melodorum Leichhardtii*, *Sideroxylon myrsinoides*, *Blechnum serrulatum*, *B. cartilagineum*, *Eucalyptus saligna*, and others.—Preliminary note on a species of *Balanoglossus* from the coast of New South Wales, by J. P. Hill. *Balanoglossus*, hitherto unrecorded from Australia, has recently been met with, both at Broken Bay and at Jervis Bay, in loose sand under large stones between tide-marks. A detailed account of this interesting form, in all probability a new species, was promised.—Note on the presence of vestigial Mullerian ducts in a full-grown male lizard (*Amphibolurus muricatus*), by J. P. Hill.

DIARY OF SOCIETIES.

LONDON.

THURSDAY, NOVEMBER 30.

SANITARY INSTITUTE, at 8.—Textile Manufactures, Silk, Cotton, Woollen, and Linen Industries: Dr. J. T. Arlidge.

FRIDAY, DECEMBER 1.

GEOLOGISTS' ASSOCIATION, at 8.—Notes on a Discovery of Fossils at Little Stairs Point, Sandown Bay, Isle of Wight: Thos. Leighton.—Notes on the Sharks' Teeth from British Cretaceous Formations: A. Smith Woodward.—The Breaking-up of the Ice on the St. Mary River, Nova Scotia, and its Geological Lessons: Geoffrey F. Monckton.  
INSTITUTION OF CIVIL ENGINEERS, at 7.30.—Forms of Tensile Test-Pieces: Leonard H. Appleby.

SUNDAY, DECEMBER 3.

SUNDAY LECTURE SOCIETY, at 4.—The Body's Servants—A Talk about Cells and their Work: Dr. Andrew Wilson.

MONDAY, DECEMBER 4.

VICTORIA INSTITUTE, at 8.—Habit in Man: Dr. Schofield.  
SOCIETY OF CHEMICAL INDUSTRY, at 8.—Application of Air in Motion to Chemical Industry: H. G. Watel. (Adjourned Discussion).—Note on the Copper Mines of Singhbhoom: H. Harris.—The Product of the Action of Mercuric Chloride upon Metallic Silver: Chapman Jones.  
ARISTOTELIAN SOCIETY, at 8.—On the Import of Categorical Propositions: Miss E. E. Constance Jones.  
ROYAL INSTITUTION, at 5.—General Monthly Meeting.

TUESDAY, DECEMBER 5.

ZOOLOGICAL SOCIETY, at 8.30.—On the Geographical Distribution of Earth worms: F. E. Beddard, F.R.S.—On a Collection of Coleoptera sent by Mr. H. H. Johnston, C.B., from British Central Africa: C. J. Gahan.—On a Collection of Petrels from the Kermadec Islands: Captain F. W. Hutton, F.R.S.  
INSTITUTION OF CIVIL ENGINEERS, at 8.—Impounding-Reservoirs in India, and the Design of Masonry Dams: Mr. Clerke, Mr. Sadaseewjee, Colonel Jacob, and Prof. Kreuter. (Discussion.)

WEDNESDAY, DECEMBER 6.

GEOLOGICAL SOCIETY, at 8.—The Purbeck Beds of the Vale of Wardour: Rev. W. R. Andrews and A. J. Jukes-Browne.—On the Variety of Ammonites (*Stephanoceras*) subarmatus, Young, from the Upper Lias of Whitby: H. W. Monckton.—On a Picrite and other Associated Rocks at Barnton, Edinburgh: H. W. Monckton.  
ENTOMOLOGICAL SOCIETY, at 7.—On a Collection of Lepidoptera from Egypt: George T. Bethune-Baker.—The Rhynchophorous Coleoptera of Japan: Part III. Scolytidæ: Walter F. H. Blandford.

THURSDAY, DECEMBER 7.

ROYAL SOCIETY, at 4.30.—The Organogeny of *Asterma gibbosæ*: E. W. MacBride.—Reptiles from the Elgin Sandstone: Description of Two New Genera: E. T. Newton, F.R.S.—A Dynamical Theory of the Electric and Luminiferous Medium: J. Larmor, F.R.S.—Note on the Action of Copper Sulphate and Sulphuric Acid on Metallic Copper: Prof. Schuster, F.R.S.—On Copper Electrolysis *in vacuo*: W. Gannon.—On a Chart of the Symmetrical Curves of the Three-Bar Motion: W. Brennand.  
LINNEAN SOCIETY, at 8.—Catalogue of the Described Neuroptera Odonata (Dragonflies) of Ceylon, with Description of New Species: W. F. Kirby.—On the Cause of the Fall of the Corolla in *Verbascum*: Signor U. Martelli.  
CHEMICAL SOCIETY, at 8.—An Apparatus for the Estimation of the Gases dissolved in Water: Dr. Truman.—Metallic Oxides and the Periodic Law: R. M. Deeley.

FRIDAY, DECEMBER 8.

ROYAL ASTRONOMICAL SOCIETY, at 8.  
SANITARY INSTITUTE, at 8.—Metallic Poisons, Lead and Arsenic: Prof. T. Oliver.

SATURDAY, DECEMBER 9.

PHYSICAL SOCIETY, at 5.—A Potentiometer for Alternating Currents: J. Swinburne.—The Specific Resistance of Sea-Water: W. H. Preece, F.R.S.—The Calculation of the Coefficient of Self-Induction of a Circular Current of a Given Cross-Section and aperture; and The Magnetic Field of a Cylindrical Coil: Prof. G. M. Minchin.  
ROYAL BOTANIC SOCIETY, at 3.45.

BOOKS, PAMPHLETS, and SERIALS RECEIVED.

BOOKS.—By Moorland and Sea: F. A. Knight (E. Stock).—Laboratory Teaching: C. L. Bloxam, 6th edition (Churchill).—An Elementary Treatise on Theoretical Mechanics, Part 2—Introduction to Dynamics, Statics: A. Ziwet (Macmillan).—Micro-Organisms and Fermentation: A. Jorgenson, translated by A. K. Miller and E. A. Lennholm, new edition (Lyon).—Concrete, its Nature and Uses: J. L. Sutcliffe (Lockwood).—The Sacred City of the Ethiopians: J. T. Bent (Longmans).—University College of N. Wales, Calendar 1893-4 (Manchester, Cornish).—The Pamirs, 2 vols: Earl of Dunmore (Murray).—Against Dogma and Free Will, and for Weismannism: H. C. Hiler, 2nd edition (Williams and Norgate).—The Wilder Quarter-Century Book (Ithaca, N. Y. Comstock Publishing Company).—The Story of Our Planet: Prof. Bonney (Cassell).—The Elements of Applied Mathematics: C. M. Jessop (Bell).—A Year amongst the Persians: E. G. Browne (Black).—The Principles of Waterworks Engineering: J. H. T. Turner and A. W. Brightmore (Spon).—Science and Education: J. H. Huxley (Macmillan).—Letters of Asa Gray, 2 Vols.: edited by J. L. Gray (Macmillan).—Oxford Bible for Teachers, with Helps (two styles) (Frowde).  
PAMPHLETS.—A Check List of the Slugs: Prof. T. D. A. Cockerell (Dulau).—Temperature and Vertebrae? Dr. D. S. Jordan (Ithaca, New York).—Sulle Osservazioni Mareografiche in Italia, &c.: G. Grablovitz (Genova).  
SERIALS.—Notes from the Leyden Museum, Vol. xiv. No. 3, and Vol. xv. No. 4 (Williams and Norgate).—Sitzungsberichte und Abhandlungen der Naturwissenschaftlichen Gesellschaft Isis in Dresden, 1893, Jan. bis Juni (Williams and Norgate).—Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, Siebzehnter Band v. Heft (Williams and Norgate).—Zeitschrift der Gesellschaft für Erdkunde zu Berlin, Band xxviii. 1893, No. 3 (Berlin).—Mittheilungen von Forschungsreisenden und Gelehrten aus der Deutschen Schutzgebieten, vi. Band, 4 Heft (Berlin).—Bollettino della Societa Geografica Italiana, Serie 3, Vol. 6, Fasc. 8-9 (Roma).

CONTENTS.

	PAGE
The Mummy . . . . .	97
Eskimo Life. By J. P. . . . .	98
Our Book Shelf:—	
Easton: "La Voie Lactée dans l'Hémisphère Boréal . . . . ."	99
Johnston: "An Elementary Treatise on Analytical Geometry" . . . . .	99
Stehlin: "Zur Kenntniss der Postembryonalen Schädelmetamorphosen bei Wiederkäuern" . . . . .	99
Letters to the Editor:—	
Suggested Nomenclature of Radiant-Energy.—Prof. Simon Newcomb, F.R.S. . . . .	100
The Postal Transmission of Natural History Specimens.—Isaac J. Wistar; Edw. J. Nolan . . . . .	100
Flame.—Prof. Henry E. Armstrong, F.R.S. . . . .	100
"Geology in Nubibus."—Dr. Alfred R. Wallace, F.R.S. . . . .	101
Correlation of Magnetic and Solar Phenomena.—H. A. Lawrance . . . . .	101
New Variable Star in Andromeda.—Rev. Thomas D. Anderson . . . . .	101
Protective Habit in a Spider.—Prof. C. Lloyd Morgan . . . . .	102
The Loss of H.M.S. "Victoria." By Dr. Francis Elgar . . . . .	102
Jupiter and his Red Spot. By W. F. Denning . . . . .	104
The Preparation and Properties of Free Hydroxylamine. By A. E. Tutton . . . . .	105
Notes . . . . .	106
Our Astronomical Column:—	
Otto Struve's Double-Star Measures . . . . .	111
Method of Pivot Testing . . . . .	111
A Bright Meteor . . . . .	111
Astronomical Photography . . . . .	111
Vierteljahrsschrift der Astronomischen Gesellschaft . . . . .	111
Geographical Notes . . . . .	111
Antarctic Exploration . . . . .	112
Phenomena of the Time-Infinitesimal. (Illustrated.) . . . .	113
By Prof. E. L. Nichols. . . . .	113
University and Educational Intelligence . . . . .	117
Scientific Serials . . . . .	117
Societies and Academies . . . . .	118
Diary of Societies . . . . .	120
Books, Pamphlets, and Serials Received . . . . .	120