

The Laws of Algebra. By A. G. Cracknell. Pp. vi+68. (London: University Tutorial Press, Ltd.) 1s.

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Proceedings of the London Mathematical Society. Second series. Vol. xiii. Pp. liii+500. (London: F. Hodgson.) 25s.

Mutual Aid: a Factor of Evolution. By P. Kropotkin. Popular edition. Pp. x+240. (London: W. Heinemann.) 1s. net.

Annuaire pour l'an 1915. Publié par le Bureau des Longitudes. (Paris: Gauthier-Villars et Cie.)

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The Home of the Blizzard: being the Story of the Australasian Antarctic Expedition, 1911-14. By Sir D. Mawson. Vol. i. Pp. xxx+349. Vol. ii. Pp. xiii+338. (London: W. Heinemann.) Two vols., 36s. net.

Wild Life Conservation in Theory and Practice. By Dr. W. T. Hornaday. With a chapter on Private Game Preserves, by F. C. Walcott. Pp. vi+240. (New Haven, Conn.: Yale University Press; Oxford University Press.) 6s. 6d. net.

DIARY OF SOCIETIES.

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ROYAL INSTITUTION, at 3.—Modern Theories and Methods in Medicine: H. G. Plimmer.

ROYAL SOCIETY OF ARTS, at 4.30.—Nepal: H. J. Elwes.

LINNEAN SOCIETY, at 5.—Report on the Fishes Collected by Mr. Cyril Crossland in the Sudan: Miss Ruth C. Bamber.—Narrative of his Recent Visit to the Houtman Abrolhos Archipelago, West Australia: Prof. W. J. Dakin.

INSTITUTION OF MINING AND METALLURGY, at 8.—Inflammable Natural Gas as an Economic Mineral: J. A. Leo Henderson and W. H. Henderson.—Investigations in Ore Milling to ascertain the Heat Developed in Crushing: J. Cook.

FRIDAY, JANUARY 22.

ROYAL INSTITUTION, at 9.—Problems of Hydrogen and the Rare Gases: Sir J. Dewar.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Standardisation of Pipe Flanges and Flanged Fittings: J. Dewrance.

PHYSICAL SOCIETY, at 5.—Practical Harmonic Analysis: Dr. A. Russell.—Measuring the Focal Length of a Photographic Lens: T. Smith.

SATURDAY, JANUARY 23.

ROYAL INSTITUTION, at 3.—Aerial Navigation—Scientific Principles: Dr. R. T. Glazebrook.

MONDAY, JANUARY 25.

ROYAL SOCIETY OF ARTS, at 8.—Oils, their Production and Manufacture: Dr. F. Mollwo Perkin.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The Historical and Physical Geography of the Theatres of War: Dr. Vaughan Cornish.

INSTITUTE OF ACTUARIES, at 5.—The Analysis of Life Office Expenses: C. H. Malby.

TUESDAY, JANUARY 26.

ROYAL INSTITUTION, at 3.—Muscle in the Service of Nerve: Prof. C. S. Sherrington.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.30.—President's Address: The Slave and Allied Racial Elements in the Peoples of Western Europe: Dr. A. Keith.

ROYAL SOCIETY OF ARTS, at 4.30.—The Economic Development of British East Africa and Uganda: Major F. H. M. Leggett.

WIRELESS SOCIETY, at 8.—Presidential Address: Some Electrical Phenomena: A. A. Campbell Swinton.

MINERALOGICAL SOCIETY, at 5.30.—Note on the Colour of some Alluvial Diamonds and Pyrrhotite: F. P. Mennell.—(1) Crystals of Calomel from

Spain: (2) General Formula for the Birefringence of a Crystalplate in terms of the Angles which its normal makes with the Optical Principal Axes: (3) A Numerical Relation of the Sum of the Symmetry-axes situated in the Symmetry-planes of a Polyhedron: Prof. G. Cesàro.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Discussion: The Lateral Pressure and Resistance of Clay, and the Supporting Power of Clay Foundations: A. L. Bell.—Paper: Engineering Operations for the Prevention of Malaria: F. D. Evans.

WEDNESDAY, JANUARY 27.

ROYAL SOCIETY OF ARTS, at 8.—Portrait Painting: the Technique of the Great Masters: Hon. John Collier.

THURSDAY, JANUARY 28.

ROYAL SOCIETY, at 4.30.—Probable Papers: The Influence of Salt-concentration on Hemolysis: W. W. C. Topley.—The Life-cycle of Cladocera, with Remarks on the Physiology of Growth and Reproduction in Crustacea: G. Smith.—Investigations on Protozoa in relation to the Factor limiting Bacterial Activity in Soil: T. Goody.—On the Mesodermic Origin and the Fate of the so-called Mesocotyledon in Petromyzon: S. Hatta.—The Influence of Direction of Homodromous and Heterodromous Electric Currents on Transmission of Excitation in Plant and Animal: Prof. J. C. Bose.

ROYAL INSTITUTION, at 3.—Modern Theories and Methods in Medicine—Immunity: H. G. Plimmer.

INSTITUTION OF ELECTRICAL ENGINEERS at 8.—The Sixth Kelvin Lecture. Lord Kelvin's Work on Gyrostatics: Prof. A. Gray.

FRIDAY, JANUARY 29.

ROYAL INSTITUTION, at 9.—Gaseous Explosions: Dr. Dugald Clerk.

SATURDAY, JANUARY 30.

ROYAL INSTITUTION, at 3.—Aerial Navigation—Scientific Principles: Dr. R. T. Glazebrook.

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