

sting-rays of the Ganges. Two species of Trygonidæ live and breed in the River Ganges above tidal influence, namely, *Hypologhus sephen* (Forscål) and *Trygon fluviatiles* (Ham. Buch). Their Indian name is discussed, and particulars as regards their capture are given.

BOOKS RECEIVED.

Die Biologie des Donaudeltas und des Inundationsgebietes der unteren Donau. By Dr. Gr. Antipa. Pp. iv + 48. (Jena: G. Fischer.) 1.50 marks.

Handbuch der Photographie und Telautographie. By Profs. A. Korn and B. Glatzel. Pp. xvi + 488. (Leipzig: O. Nemann.) 28 marks.

Neue Grundlagen der Meteorologie. By P. Hoitsy. Pp. 107. (Budapest: Franklin-Verein.) 2 marks.

Unsere Kenntnisse von den Seriengesetzen der Linien-spektra. By Dr. B. Dunz. Pp. iii + 186. (Leipzig: S. Hirzel.) 2 marks.

Zur Phylogenie der Primulaceenblüte. By Dr. S. Thenen. Pp. iv + 131. (Jena: G. Fischer.) 8 marks.

Physiologie des Menschen. By Prof. L. Luciani. Translated by Profs. S. Baglioni and H. Winterstein. Fünfte Lieferung (Schluss) Lieferung. Pp. 641-782 + viii. (Jena: G. Fischer.) 4 marks.

Monumentales und Dekoratives Pastell. By Prof. W. Ostwald. Pp. vi + 105. (Leipzig: Akademische Verlagsgesellschaft M.B.H.) 2.40 marks.

Denkschrift über die Gründung eines Internationalen Instituts für Chemie. By Prof. W. Ostwald. Pp. 30. (Leipzig: Akademische Verlagsgesellschaft M.B.H.) 1.50 marks.

Das Pflanzenreich. Edited by Prof. A. Engler. 51. Heft: Sphagnales—Sphagnaceæ (Sphagnologia universalis). By C. Warnstorf. Pp. iv + 546. (Leipzig: W. Engelmann.) 27.50 marks.

DIARY OF SOCIETIES.

FRIDAY, JANUARY 5.

GEOLOGISTS' ASSOCIATION, at 8.—On the High Terrace Gravel and on a Palæolithic Implement Factory, Dartford Heath: R. H. Chandler and A. L. Leach.—On the London Clay and Bagshot Beds (Passage Beds), and on the Gravel of Shooter's Hill, Kent: A. L. Leach.

MONDAY, JANUARY 8.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—The Production of Formic and Acetic Acids by the Atmospheric Oxidation of Turpentine: C. T. Kingzett and R. C. Woodcock.—A Rapid Volumetric Method for the Determination of Free Sulphur: C. Davis and J. L. Foucar.—The Relative Absorption of Dyes by Sand and Natural Fibres: W. P. Dreaper and W. A. Davis.—Ingrain Dyeing—Influence of Certain Groups on the Re-solution Factor: W. P. Dreaper.

VICTORIA INSTITUTE, at 4.30.—The Greek Papyri: Prof. G. Milligan.

TUESDAY, JANUARY 9.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Reinforced Concrete Wharves and Warehouses at Lower Pootung, Shanghai: S. H. Ellis.—The Direct Experimental Determination of the Stresses in the Steel and in the Concrete of Reinforced Concrete Columns: W. C. Poppellwell.—Composite Columns of Concrete and Steel: W. H. Burr.

SOCIETY OF DYERS AND COLOURISTS, at 8.—Some Problems in Garment Dyeing: F. G. Newbury.—Aluminium in the Service of Chemical Industry: Dr. Richard Seligman.

WEDNESDAY, JANUARY 10.

GEOLOGICAL SOCIETY, at 8.—On a Late Glacial Stage in the Valley of the River Lea subsequent to the epoch of River-drift Man: S. Hazzledine Warren.

THURSDAY, JANUARY 11.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: On the Propagation of Waves through a Stratified Medium, with Special Reference to the Question of Reflection: Lord Rayleigh, O.M., F.R.S.—On the Variation of the Specific Heat of Water, with Experiments by a New Method: Prof. H. L. Callendar, F.R.S.—The Mechanism of the Semipermeable Membrane and a New Method of Determining Osmotic Pressure: Prof. F. T. Trouton, F.R.S.—Mobility of the Positive and Negative Ions in Gases at High Pressures: A. L. Kovarik.—A New Method of Determining the Radiation Constant: G. A. Shakespear.—The Mechanics of the Water Molecule: Dr. R. A. Houston.

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MATHEMATICAL SOCIETY, at 5.30.—Successions of Integrals and Fourier Series: W. H. Young.—A New Condition for the Truth of the Converse of Abel's Theorem: G. H. Hardy and J. E. Littlewood.—On Mersenne's Numbers: A. Cunningham.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Some General Principles Involved in the Electric Driving of Rolling Mills: C. A. Ablett.

FRIDAY, JANUARY 12.

ROYAL ASTRONOMICAL SOCIETY, at 5.

MALACOLOGICAL SOCIETY, at 8.—Note on the Genus *Panope* Ménard: W. H. Dall.—Nomenclature of the Veneridæ—A Reply to Dr. W. H. Dall: A. J. Jukes-Browne, F.R.S.—The Occurrence of *Helicella herpensis* in Great Britain; Notes on Some British Non-marine Mollusca: A. W. Stelfox.—Characters of Two Undescribed Land Shells from Colombia; Explanation of the Figures Occurring in Westerlund's "Sibirien's Land och Söttvatten Mollusker," 1876; On Two Pre-occupied Specific Names in Gasteropoda: G. K. Gude.

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