

*C. tanret*. Details are given of the method of extraction and of the chemical and physical properties of the quebrachite.—A. Fernbach: A new form of soluble starch. Weak solutions of starch in water, not containing more than 2 per cent. of starch, are poured into a large excess of acetone, and the precipitate extracted with pure acetone, and dried in a vacuum. The starch thus obtained is distinguished by the property of dissolving easily in cold water, and this solution yields with iodine very pure blue colorations.—J. Wolff: Some new properties of the peroxydases and their mode of working in the absence of peroxide.—Jacques Parisot and M. Vernier: Researches on the toxicity of fungi. Their hæmolytic power. It is shown that the hæmolytic power of fungi, when it exists, is very strong, both *in vitro* and *in vivo*. This property is possessed by some of the edible fungi, and it is pointed out that a very long exposure to a high temperature during cooking is required to destroy this poisonous property.—Maurice Lugeon: The tectonic of the Morcles strata and its consequences.—De Montessus de Ballore: Seismological observations made at the island of Pâques.—Henry Hubert: The aerial currents in western Africa.

#### BOOKS RECEIVED.

Einführung in die Mathematik für Biologen und Chemiker. Prof. L. Michaelis. Pp. vii+253. (Berlin: J. Springer.) 7.80 marks.

The Cambridge Manuals of Science and Literature: The Individual in the Animal Kingdom. By J. S. Huxley. Pp. xi+167. The Work of Rain and Rivers. By Prof. T. G. Bonney. Pp. viii+144. The Psychology of Insanity. By Dr. B. Hart. Pp. ix+176. House-flies and How they Spread Disease. By Dr. C. G. Hewitt. Pp. xii+122. Brewing. By A. C. Chapman. Pp. xi+130. Heredity in the Light of Recent Research. By L. Doncaster. Second edition. Pp. x+160. (Cambridge University Press.) 1s. net each.

Die Existenz der Moleküle. By Prof. T. Svedberg. Pp. viii+243+4 plates. (Leipzig: Akademische Verlagsgesellschaft m.b.H.) 12 marks.

Untersuchungen über die Bildungsverhältnisse der ozeanischen Salzablagerungen insbesondere des Stassfurter Salzlagers. By J. H. van't Hoff and others. Edited by Profs. H. Precht and E. Cohen. Pp. xx+374+8 plates. (Leipzig: Akademische Verlagsgesellschaft m.b.H.) 16 marks.

Sylviculture in the Tropics. By A. F. Broun. Pp. xviii+309. (London: Macmillan and Co., Ltd.) 8s. 6d. net.

La Cementazione dell' Acciaio. By Dr. F. Giolitti. Pp. xi+506. (Torino: Unione Tipografico-Editrice Torinese.)

Handbuch der Spectroscopie. By Prof. H. Kayser. Sechster Band. Pp. vi+1067. (Leipzig: S. Hirzel.)

Hypnotism and Disease. By Dr. H. C. Miller. Pp. 252. (London: T. Fisher Unwin.) 5s. net.

Survey of India. Professional Paper, No. 13: Investigation of the Theory of Isostasy in India. By Major H. L. Crosthwait. Pp. iii+14+map. (Dehra Dun: Trigonometrical Survey of India.)

Biomechanik und Biogenesis. By Prof. M. Benedikt. Pp. iii+88. (Jena: G. Fischer.) 2 marks.

Richtlinien des Entwicklungs- und Vererbungsproblems. By Dr. A. Greil. Zweiter Teil. Pp. iii+364. (Jena: G. Fischer.) 10 marks.

Junior Sound and Light. By Drs. R. W. Stewart and J. Satterlv. Pp. 227. (London: W. B. Clive.) 2s. 6d.

The Marine Mammals in the Anatomical Museum of the University of Edinburgh. By Sir W. Turner. Pp. xv+207. (London: Macmillan and Co., Ltd.) 6s. net.

Narrative of the Visit to India of their Majesties King George V. and Queen Mary, and of the Coronation Durbar held at Delhi, December 12, 1911. By the Hon. J. Fortescue. Pp. viii+324. (London: Macmillan and Co., Ltd.) 10s. 6d. net.

The Theory of Light. By the late Prof. T. Preston. Fourth edition. Edited by Prof. W. E. Thrift. Pp. xxiii+618. (London: Macmillan and Co., Ltd.) 15s. net.

Education and National Life. By Dr. H. Dyer. Pp. 112. (London: Blackie and Son, Ltd.) 1s. net.

Vibration and Life. By Dr. D. T. Smith. Pp. 178. (Boston: R. G. Badger.) 1.50 dollars net.

The Composition of the Atmosphere: with Special Reference to its Oxygen Content. By F. G. Benedict. Pp. iii+115. (Washington: Carnegie Institution.)

A Bicycle Ergometer with an Electric Brake. By F. G. Benedict and W. G. Cady. Pp. iii+44. (Washington: Carnegie Institution.)

The Production of Elliptic Interferences in Relation to Interferometry. By C. Barus. Part ii. Pp. vi+79-168. (Washington: Carnegie Institution.)

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