

## BOOKS RECEIVED.

Memoirs of the Geological Survey, Scotland. The Geology of the Districts of Braemar, Ballater, and Glen Clova. By G. Barrow and E. H. C. Craig, with contributions by L. W. Hinxman. Pp. vi+138. (London: H.M. Stationery Office.) 2s. 6d.

Transport de Force. By C. Le Roy. Première Partie. Pp. ii+172. (Paris: A Hermann et Fils.) 6 francs.

The Elements of Qualitative Chemical Analysis. By Prof. J. Stieglitz. Vol. i., parts 1 and 2. Pp. xi+312. Vol. ii., parts 3 and 4. Pp. viii+151. (New York: The Century Co.) 1.40 dollars and 1.20 dollars.

Michael Heilprin and His Sons: a Biography. By G. Pollak. Pp. xvi+540. (New York: Dodd, Mead and Co.) 3.50 dollars net.

Telephotography. By C. F. Lan-Davis. Pp. xi+130. (London: G. Routledge and Sons, Ltd.) 2s. net.

The Sociological Value of Christianity. By Dr. G. Chatterton-Hill. Pp. xxii+285. (London: A. and C. Black.) 7s. 6d. net.

The Cotton Plant in Egypt. By W. L. Balls. Pp. xvi+202. (London: Macmillan and Co., Ltd.) 5s. net.

Studies in Light Production. By Dr. R. A. Houstoun. Pp. iv+115. (London: The Electrician Printing and Publishing Co., Ltd.) 5s. net.

Electromagnetic Theory. By O. Heaviside. Vol. iii. Pp. ix+519. (London: The Electrician Printing and Publishing Co., Ltd.) 21s. net.

Memoirs of the Geological Survey, England and Wales. The Water Supply of Surrey, from Underground Sources, with Records of Sinkings and Borings. By W. Whitaker, with contributions on the Rainfall by Dr. H. R. Mill. Pp. v+352+map. (London: H.M. Stationery Office.) 7s.

The Physics and Chemistry of Mining. By T. H. Byrom. Pp. xii+196. (London: Crosby Lockwood and Son.) 3s. 6d. net.

The Sheep and its Cousins. By R. Lydekker. Pp. xv+315. (London: G. Allen and Co., Ltd.) 10s. 6d. net.

Jahrbuch der drahtlosen Telegraphie und Telephonie. By Prof. J. Zenneck. Edited by Dr. G. Eichhorn. Band v., Heft 1-6. Pp. 650+vi. (Leipzig: J. A. Barth.)

Elementary Chemical Theory and Calculations. By Dr. J. Knox. Pp. vii+103. (London: Gurney and Jackson.) 2s. net.

Physiologische Morphologie. By Prof. S. Passarge. Pp. 205. (Hamburg: L. Friederichsen and Co.)

Perfect Health for Women and Children. By E. S. Chesser. Pp. xi+276. (London: Methuen and Co., Ltd.) 3s. 6d. net.

The Mechanistic Conception of Life. By Dr. J. Loeb. Pp. vi+232. (Chicago: The University of Chicago Press; Cambridge: The University Press.) 6s. net.

Katalog der paläarktischen Hemipteren. By B. Oshanin. Pp. xvi+187. (Berlin: R. Friedländer und Sohn.) 12 marks.

Conférences sur Quelques Thèmes Choisis de la Chimie Physique Pure et Appliquée. Faites à l'Université de Paris du 6 et 13 Mars, 1011. By S. Arrhénius. Pp. ii+113. (Paris: A. Hermann et Fils.) 3 francs.

Life: its Nature, Origin, and Maintenance. By Prof. E. A. Schäfer. Pp. 36. (London: Longmans and Co.) 1s. net.

The Growth of Groups in the Animal Kingdom. By Dr. R. E. Lloyd. Pp. vii+185. (London: Longmans and Co.) 5s. net.

The Snakes of South Africa: their Venom and the Treatment of Snake Bite. By F. W. Fitzsimons. New edition. Pp. xvi+547. (Cape Town and Pretoria: T. M. Miller; London: Longmans and Co.) 12s. 6d. net.

A Text-book of Physics. By H. E. Hurst and R. T. Lattey. 3 vols. Pp. vi+205; 177; 258. (London: Constable and Co., Ltd.) 3s. 6d. net; 3s. 6d. net; 4s. net.

## DIARY OF SOCIETIES.

THURSDAY, OCTOBER 17.

INSTITUTION OF MINING AND METALLURGY, at 8.—The Flotation Process: as applied to the Concentration of Copper Ore at the Kylee Copper Mine, New South Wales: J. W. Ashcroft.—Notes on the Collection of Precious Metals as Speiss in the Smelting of Antimonial Concentrates: G. C. McMurtry.—A System of Sand-filling used on the Rand: R. E. Sawyer.

FRIDAY, OCTOBER 25.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Characteristic Dynamical Diagrams for the Motion of a Train during the Accelerating and Retarding Periods: Prof. W. E. Dalby.  
PHYSICAL SOCIETY, at 5.

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