

BOOKS RECEIVED.

Publications of the United States Naval Observatory. Second series. Vol. viii. Pp. xxxvii+465. (Washington: Government Printing Bureau.)

Wookey Hole. Its Caves and Cave Dwellers. By H. E. Balch. Pp. xiv+268. (London: Oxford University Press.) 25s. net.

On the Effects of Volcanic Action in the Production of Epidemic Diseases in the Animal and in the Vegetable Creation, and in the Production of Hurricanes and Abnormal Atmospheric Vicissitudes. By Dr. H. J. Johnston-Lavis. Pp. xii+67. (London: John Bale, Sons, and Danielsson, Ltd.) 3s. net.

The Pupil's Class Book of Geography. The British Isles. By E. J. S. Lay. Pp. 118. (London: Macmillan and Co., Ltd.) 6d.

The Elements of Non-Euclidean Geometry. By Dr. D. M. Y. Sommerville. Pp. xvi+274. (London: G. Bell and Sons, Ltd.) 5s.

An Elementary Treatment of the Theory of Spinning Tops and Gyroscopic Motion. By H. Crabtree. Second edition. Pp. xv+193. (London: Longmans, Green and Co.) 7s. 6d. net.

Oxygen and Cancer: A Biological and Bio-chemical Study. By L. Cresswell. Pp. 43. (Bradford: Matthews and Brooke.) 1s. net.

Proceedings of the Royal Society of Edinburgh. Part ii. Vol. xxxiv. Session 1913-14. Pp. 113-208. (Edinburgh: R. Grant.) 6s. 4d.

Meteorological Office. The Seaman's Handbook of Meteorology. A Companion to the Barometer Manual for the Use of Seamen. Pp. vi+191. (London: H.M. Stationery Office; Wyman and Sons, Ltd.) 2s.

Supplement to the Indian Journal of Medical Research. Proceedings of the Third All-India Sanitary Conference held at Lucknow, January 19-27, 1914. Vol. i. Discussions and Resolutions. Pp. ix+367. (Calcutta: Thacker, Spink and Co.)

Die vorzeitlichen Säugetiere. By O. Abel. Pp. v+309. (Jena: G. Fischer.) 8.50 marks.

Philosophical Transactions of the Royal Society of London. Series B. Vol. ccv. On the Floral Mechanism of *Welwitschia mirabilis*. Hooker. By Dr. A. H. Church. Pp. 115-151. (London: Royal Society.)

Complex Ions in Aqueous Solutions. By Dr. A. Jaques. Pp. vi+151. (London: Longmans, Green and Co.) 4s. 6d. net.

Wild Life in the Woods and Streams. By C. A. Palmer. Pp. xv+206. (London: A. and C. Black.) 3s. 6d.

Institute of Metals. First Report to the Beilby Prize Committee of the Institute of Metals on the Solidification of Metals from the Liquid State. By Dr. C. H. Desch. Pp. 57-118. (London.)

Institution of Engineers and Shipbuilders in Scotland. Session 1913-1914. Some Causes of Injury to Steel after Manufacture. By Dr. C. H. Desch. Pp. 33. (Glasgow.)

Äkta Pärnan Eller Lifsgatan vid Dagsljus Löst Medelst Sanning. Pp. 100. (Goteborg.)

An Introduction to the Study of Plants. By Dr. F. E. Fritsch and Dr. E. J. Salisbury. Pp. viii+397. (London: G. Bell and Sons, Ltd.) 4s. 6d. net.

Optical Rotatory Power. Reprinted from the Transactions of the Faraday Society, Vol. x., Part i. Pp. 96. (London: Faraday Society.) 7s. 6d.

Solutions of the Exercises in Godfrey and Siddons's Shorter Geometry. By E. A. Price. Pp. viii+160. (Cambridge University Press.) 4s. 6d. net.

Linear Algebras. By Prof. L. E. Dickson. Pp. viii+72. (Cambridge University Press.) 3s. net.

Geological Literature added to the Geological

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Society's Library during the Year ended December 31, 1912. Pp. 266. (London: Geological Society.) 2s.

A Little Book on Map Projection. By Mary Adams. Pp. viii+108. (London: G. Philip and Son, Ltd.) 2s.

Liverpool Marine Biology Committee. L.M.B.C. Memoirs on Typical British Marine Plants and Animals. XXII. Echinoderm Larvæ. By H. C. Chadwick. Pp. viii+32+ix plates. (London: Williams and Norgate.) 2s. 6d.

Meteorological Office. Hourly Values from Autographic Records: Geophysical Section, 1912. Pp. 83. (Edinburgh: H.M. Stationery Office; London: Meteorological Office.) 3s.

The Practice of Navigation and Nautical Astronomy. By Lieut. H. Raper. Twentieth edition, revised and enlarged. Pp. xxv+934+41. (London: J. D. Potter.)

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