

For the series here described, the American Museum and Mr. Jesup, the Maecenas of American ethnology, deserve hearty praise. It is now in order for others of our great museums to wake up and let us hear from them.

O. T. MASON.

BOOKS RECEIVED.

Geometrical Optics. R. A. HERMAN. Cambridge University Press. New York, The Macmillan Co. Pp. x + 344. \$3.

Photographic Optics. OTTO LUMMER. Translated and augmented by SYLVANUS P. THOMPSON. London and New York, The Macmillan Co. 1900. Pp. xi + 135. \$1.90.

The Elements of Hydrostatics. S. L. LONEY. Cambridge University Press. New York, The Macmillan Co. 1900. Pp. x + 248 + xii. \$1.00.

Botany. L. H. BAILEY. New York and London, The Macmillan Co. 1900. Pp. xiv + 355. \$1.10.

A Text-book of Important Minerals and Rocks. S. E. TILLMAN. New York, John Wiley & Sons; London, Chapman & Hall (Ltd). 1900. Pp. 186. \$2.00.

SCIENTIFIC JOURNALS AND ARTICLES.

THE *Bulletin of the American Geographical Society* for October 31, 1900, contains an excellent picture of the late president of the Society, the Hon. Charles P. Daly, which forms the frontispiece of this number. Judge Daly was the honored president of this, the oldest Geographical Society in America, and the portrait painted by Harper Pennington forms a fitting memorial of the thirty-five years of active service to the Society. The number contains a larger series than usual of what might be called new articles. First among these is an article upon the 'Ethnology of Madagascar,' by the Hon. W. H. Hunt, of Tamatave, dealing largely with the tribal names and the early immigrations, showing that there must have been a series of migrations from an Asiatic source. The second section of the paper discusses the early maps of the island, and then takes up the geography and cartography of Madagascar as developed between 1897 and 1899. This new work is due largely to the initiative of General Gallieni. This is followed by an article descriptive of the 'Heaths and Hollows of Holland,' by Dr. W. E. Griffiths, a

bright and entertaining tale of this 'water-logged' country and its people. 'Korea's Geographical Significance' is discussed by H. B. Hulbert, of Seoul, in a scholarly paper showing the relations brought about by this stepping stone from Asia to Japan, giving the results produced as a link between two widely separated branches of the Turanian stock; and then again when serving as a barrier between active Japan and ambitious Russia. Mr. Henry Gannett, of Washington, gives a careful *résumé* of the recent census of Porto Rico. This new addition to our domain has a population of 963,243, thus showing a very dense population of its 3,600 square miles. An outline sketch of the geography of British Honduras is given by Hon. W. L. Avery, of Belize. This is followed by an account of a trip through the silk and tea districts of Kiangnan and Chepiang, by E. S. Fischer. The portion of the *Bulletin* devoted to notes in this number is particularly full, and covers the departments of physiography, map notices, climatology, geographical education and the general geographical record. Cosmos Mindeleff gives a full account of the use and manufacture of geographical relief maps, and M. Henri Froideveaux gives a sketch of geography at the Paris Exposition. At the end of the number there is a picture of the new home of the Society, Manhattan Square on 81st street, giving a view of the front of the building and plans of the grounds and library floors. The enterprise of the Council in constructing this building as a repository for its fine library and a commodious place for the intercourse of the Fellows of the Society, is deserving of the highest praise.

The Plant World for October opens with 'Notes for the Beginner in the Study of Mosses,' by F. H. Knowlton, the first of a series on the lower plants. A. S. Hitchcock describes 'Collecting Sets of Plants for Exchange'; E. J. Hill has 'An Observation on the Water-Shield (*Brasenia peltata*), dealing with the dissemination of its seed'; Charles Newton Gould describes the 'Radiate Structure of the Wild Gourd' (*Curcubita fetidissima*), and Joseph Crawford has some 'Notes on Ophioglossum.' In the supplement devoted to 'The Families of Flowering Plants,' Charles Louis Pollard deals