

BOOK NOTICES.

United States Geological Survey of the Territories, Vol. x. Monograph of the Geometrid Moths, by A. S. Packard.

Through the kind recommendation of Dr. Packard, we have been favored with a copy of the above work from the "Department of the Interior," at Washington. It is a quarto volume of over 600 pages, with 13 beautiful plates, 6 of which are devoted to delineations of the wing structure of the different families, 1 to the various forms of thorax, &c., and 6 to representations of the insects in their larval and perfect forms. Some idea of the work on these beautiful plates may be formed when it is stated that these latter six plates contain figures of 377 species of Geometrid Moths, besides 66 figures of the larvæ and chrysalids.

The plates illustrating the venation and external anatomy have been drawn by Mr. S. E. Cassino and Dr. Packard—the moths by Mr. L. Trouvelot, of Cambridge, Mass. They are all well executed, but Mr. Trouvelot's work is especially worthy of praise. The many and minute points of difference between the various species are faithfully given, so that the student, with the help of the excellent written descriptions in the text by Dr. Packard, will have little difficulty in determining the species in his possession.

This work is a most valuable contribution to our Entomological literature, bringing together all that is known up to the present time in relation to the Geometrids inhabiting this country north of the southern boundary of the United States, including British America, Arctic America and Greenland. It will give a great stimulus to the further study of this most interesting family of moths. The careful work of years of patient labor and research is evident throughout its pages, and we sincerely hope that its talented author may be spared many years to continue the work thus so well and thoroughly begun. This volume is beautifully got up—the paper and typography excellent, reflecting great credit on the department from whence it is issued, and on the United States government for their enlightened and liberal policy in thus placing in the hands of the scientific student, as well as that of the general public, the material accumulated by the untiring industry of the busy workers of the past, and diffusing a knowledge throughout the country in reference to these matters which could not otherwise have been accessible.

We tender our cordial thanks to Dr. Packard for his kind remembrance of us.