

BOOK NOTICES.

Contributions to the Descriptive and Systematic Coleopterology of North America, Part II., by Thos. L. Casey, U. S. A.; 1ge. 8vo., pp. 137.

Contains very full and careful descriptions of ninety-three new species of Coleoptera, and many new genera; also systematic revisions of several genera as represented in the United States. A very useful and valuable contribution to this department of Entomology.

On the North American Asilidæ, Parts I. and II., by S. W. Williston, M. D.; 1ge. 8vo., pp. 58. From the transactions of the Amer. Ent. Soc., xi., December, 1883, and xii., Jan., 1885.

These excellent papers contain descriptions of forty-three new species, together with fresh descriptions of many of the older forms. Part I. contains a very complete table of genera, with two plates illustrating the parts of the insects used in classification. Part II. contains convenient tables of the species belonging to the following genera: *Laphria*, *Mallophora*, *Promachus*, *Erax* and *Proctacanthus*, in which the chief distinguishing features of the species are briefly given.

Notes on the Systematic Position of Some North American Lepidoptera, by John B. Smith; 8vo., pp. 8, with one plate containing twenty-three figures, illustrating the structure of *Zygaena*, *Eudryas*, *Alypia*, *Stiria*, *Pyromorpha*, *Conosoma* and *Ctenucha*.

The Standard Natural History—Article, Heterocera, by C. H. Fernald.

We are indebted to the author for a copy of this interesting popular article on Moths, covering 45 pages small quarto, illustrated with 34 figures and one plate of silk worm moths.

Elephant Pipes in the Museum of the Academy of Natural Sciences, Davenport, Iowa, by Charles E. Putnam; 8vo., pp. 40, with one figure.

General Truths in Applied Entomology, by C. V. Riley; 8vo., pp. 7. An essay read before the Georgia State Agricultural Society, relating chiefly to insecticides and the best methods of applying them.