

larvæ, particularly the weird caterpillars of some of the Megalopygid moths; and hosts of other observations of interest to students in all branches of entomology.

Much is also told of the birds, reptiles, mammals and other animals observed, while the descriptive notes on the plants, illustrated by numerous photographs, will not only be of interest to botanists, but will be of much value in giving to the general reader a mental picture of the types of vegetation, characteristic of tropical America.

Among the most interesting chapters is the one describing the ascent of the volcano Irazu, which gives a detailed account of the volcano itself with its various craters and many notes on the plants and animals observed there; and the final chapter, dealing with the destruction of Cartago by earthquakes in the spring of 1910, just at the close of the authors' year in Costa Rica. Cartago was chosen as their headquarters, from which excursions to various parts of the country were made, the materials collected being always brought here and kept in a room in the hotel, which served as a laboratory. One of the early chapters (chap. 4) is devoted to a description of the town and its life, as it existed before the earthquake, while the last chapter, "Carthago deleta est," gives a vivid and detailed picture of this terrible event, in which the entire town was wrecked and nearly 300 people were killed, the authors themselves suffering a very narrow escape. Fortunately, although the living larvæ, which represented the rearings of many months, were nearly all killed, the preserved specimens, notes, journals and photographs were uninjured.

The book is remarkable for the extreme care and accuracy which characterize both matter and typography. The authors have not been content merely to state their own experiences, but have acquainted themselves with a large body of literature treating of the various subjects upon which they have written. One of the most useful features of the book is the copious bibliography contained in Appendices III and IV, the former giving a list of "papers based in whole or in part on the collections made by the authors in Costa Rica," the latter "a list of selected literature relating chiefly to the Natural History of Costa Rica, exclusive of that cited in Appendix III."

Mailed July 2nd, 1917.