

concludes with an amazing bibliography which fills thirty-six pages and includes 542 titles. This by itself would show the industry and thoroughness of the author and the pains he has taken to render his monograph as perfect and complete as possible. Besides the four and twenty carefully-drawn wood-cuts already referred to, the work is illustrated with eight splendid coloured lithographic plates, on five of which are depicted about 130 figures of the perfect moths, and on the remaining three, specimens of the destructive work of the larvæ in the trunks, limbs and roots of trees and other plants. We heartily congratulate the author on the successful completion of this grand work, and hope that he may be able from time to time to present to the scientific world similar volumes dealing with other groups and families of moths, many of which sorely need the careful revision of a competent monographer. C. J. S. B.

THE INSECT BOOK: A popular account of the Bees, Wasps, Ants, Grasshoppers, Flies and other North American Insects, exclusive of the Butterflies, Moths and Beetles, with full life-histories, tables and bibliographies.—By Leland O. Howard, Ph. D. New York: Doubleday, Page & Co., 34 Union Square. One Vol., small 4to., pp. xxvii. + 429. (Price, \$3 net.)

Only last month we noticed Dr. Howard's book on Mosquitoes, and now we have before us a larger and more important work by the same author. It forms one of the series of "Nature Study" books, and is consequently uniform in size and style with Dr. Holland's "The Butterfly Book." The author describes in the title the scope and intention of the work. He does not profess to cover the whole insect world, as Dr. Holland is preparing to deal with the Moths as he has already done with the Butterflies, and Dr. Howard looks to someone else to undertake a popular work on the extensive order of Beetles.

As stated at the outset, the book is meant to be "popular," and therefore does not attempt the impossible task of describing all the insects belonging to the various orders treated of; at the same time, it does give full and interesting accounts of a very large number of species, and relates in an easy and agreeable manner all that the ordinary enquirer will wish to know. Any observant person who picks up an insect that he has not seen before, and wonders what it is and how it lives, will find an answer to his questions here. In most cases he will find an accurate picture of the specimen he is examining, and with very little trouble he will learn all he