

noctua onusta Grt. very abundant, doing considerable damage to iris in many parts of the state. *Zeuzera pyrina* Linn. noted in lilacs, shade trees, pear and apple stock in northern New Jersey nurseries. *Hyphantria cunea* Dru. fairly common on all kinds of trees and shrubs. *Certomia catalpa* Bois. on catalpa. *Vanessa antiopa* L. on Lombardy poplars and elms. *Thyridopteryx ephemeraformis* Steph. on spruce, arbor vitæ, lilac, maple and deciduous cypress. *Pteronus ribesi* Scop. on currants and gooseberries. *Vespa crabro* L. and allied species stripping bark from various plants, especially lilacs. *Leptobyrsa explanata* Heid. on rhododendrons. *Trioza tripunctata* Fitch. on blackberries in southern New Jersey nurseries. *Eriophyes pyri* Pgst. on pear. *Eriophyes quadripedes* Shimer. common on silver maple. *Aphis forbesi* Weed on strawberry roots in southern New Jersey nurseries, scarce. *Chermes abietis* Linn. scarce, on spruce in northern New Jersey. *Aphis mali* Fabr. very abundant the past season; did considerable injury to apple stock. *Schizoneura lanigera* Hausm. on apple.

Tetranychus bimaculatus Harv. on evergreens, shade trees.

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BOOK REVIEWS.

MEDICAL ENTOMOLOGY.

"Handbook of Medical Entomology." By W. A. Riley, Ph.D., and O. A. Johannsen, Ph.D., IX, 348 pp., 172 figs. Comstock Publishing Co., Ithaca, N. Y. Price, \$2.00.

This volume is the outgrowth, we are told, "of a course of lectures along the lines of insect transmission and dissemination of diseases of man given by the senior author in the Department of Entomology of Cornell University during the past six years." It is intended "to afford a general survey of the field and primarily to put the student of medicine and entomology in touch with the discoveries and theories which underlie some of the most important work in preventive medicine. At the same time the older phases of the subject—the consideration of poisonous and parasitic forms—have not been ignored."

The authors do not expect that the book will meet the needs of the specialist, that is not its purpose, which is to serve as a book of reference to physicians, sanitarians, working entomologists and