

Recent Advances in Economic Entomology, by C. V. Riley; 8vo., pp. 3.

A communication made to the Philosophical Society of Washington in reference to insecticides.

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This useful publication contains a report on Cranberry and Hop Insects, by John B. Smith; observations on the Rocky Mountain Locust, by Lawrence Bruner; on Insects Injurious to Cotton, Orange and Sugar Cane in Brazil, by John C. Branner; Effects of Cold upon the Scale Insects of the Orange in Florida, and extracts from correspondence containing many interesting facts relating to injurious insects.

CORRESPONDENCE.

Dear Sir: In a recent issue, among some entomological notes, Mr. J. G. Jack mentions having taken *V. antiopa* and other butterflies on choke cherry bushes that were infested with Aphides. Perhaps some observations of mine bearing on the same point might be of interest.

During Sept., 1883, I noticed that a small apple tree in our orchard that was in a circuit of about twenty sugaring trees, had become unproductive, only an occasional moth appearing, while neighboring trees would be well covered. Happening to look up into the tree one night, I discovered that it was swarming with moths, and a careful examination showed that the tree was literally covered with the apple plant-louse, *A. mali*. The moths proved to be principally *L. unipuncta* and *Arthosia bicolorago*, but there were some *Agrotis c-nigrum* and a few *Hadenas*. As I had never noticed this habit of the moths before, I kept on the watch for it afterwards, and found that the two former species could always be found where *A. mali* occurred in any numbers. During the autumn I took several species of the Noctuidæ, and at least one butterfly (*P. cardui*) on this infested tree. I have always taken *O. bicolorago* and *ferruginoides* largely on apple trees, and I now have little doubt but the plant lice are the principal attraction that draws them to these trees. I have also seen snow-ball bushes (*Virburnum opulus*) which were covered with Aphides, well patronized by the Noctuidæ, especially *Mamestra renigera*, *L. palens*, *L. commoides* and *L. unipuncta*.

E. P. VAN DUZEE, Lancaster, N. Y.