

species, judging from Ratzburg's excellent figures. The larva is found to attack also various imported conifers; for this reason I supposed it might be an imported parasite. It has been noticed on the Scotch, Austrian and Russian Pine, and it will be found, I fear, a grave enemy to the cultivation of this genus of plants.

Since the insect is not noticed yet in any scientific publication, I propose to name it *Nephtopteryx (Dioryctria) Zimmermani*, after Charles D. Zimmerman, of Buffalo, who has made many excellent observations on our noxious insects, and to whom I am greatly indebted for help in getting the present facts with relation to the species. He has kindly spent much time in climbing large trees and cutting out pupæ and larvæ and rearing the perfect insect.

The larva of *abietella* is described by Ratzburg as living in the cones chiefly of various species of *Pinus*. Nevertheless, he speaks of one instance in which it is found under similar circumstances to those which are usual with *Zimmermani*, which latter I have not yet noticed attacking the fruit. The European species is said to winter in pupa state. In the vicinity of Buffalo our species seems to be single brooded. I have not yet ascertained the winter state. Ratzburg recommends cutting off infested branches, but especially on small trees. I find the larva of *Zimmermani* usually infesting the *main* stem at the insertion of the branches. From the fact that the pitch of the trees offer a protection, I do not think that any washes would reach the insect. The knife, then, seems the only remedy.

Our species has a natural enemy in a small hymenopterous parasite with which I have found certain of the chrysalids to be filled.

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## ON THE HABITS OF AMBLYCHILA CYLINDRIFORMIS.

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The great interest in which this beetle has been held by Entomologists for so long has rendered an accurate account of its habits very desirable; but for a very long period—over twenty years—it has singularly eluded more experienced observers. In the Proceedings of the