

seemed to be uninviting, and when all around were seared, and browned, and withered trees of this variety wherever found were covered with a foliage rendered doubtly attractive and beautiful by the waste and dismal appearance of those about them. The following notes were taken at the time in reference to the relative damage inflicted on the different varieties of pear trees in those portions of the orchards most injured. *Beurre Giffard* most of the trees slightly, a few badly damaged. *Ananas d'Ete*, but slightly injured. *Beurre d'Amanlis*, same as *Beurre Giffard*. *Beurre Goubault*, entirely stripped. *Brandywine*, some stripped, others but little affected in the same row. *Doyenne d'Ete*, badly injured. *Bartlett* suffered very much, nearly all the trees being stripped. *Edmunds* injured badly, but not so much as *Bartlett*. *Souvenir de Congress*, nearly stripped. *Kirtland*, *Dwarfs*, not much affected. *Standards*, badly injured. *Leech's Kingessing*, scarcely touched. *Osbands Summer*, badly damaged, not a leaf left on many of the trees. *Rostiezer*, some very badly injured, others not so much. *Dearborns Seedling*, nearly stripped. *Tyson*, badly affected. *Ott's Seedling*, not much injured. *Marechale de la Cour*, nearly free. *Beurre de Montgeron*, *Frederica Bremer*, *Abbott* and *Fleur de Niede*, scarcely touched. *Beurre Diel*, some few trees very much injured, others not so badly. *Gansel's Bergamot*, stripped. *Buffum* and *Beurre Superfin*, scarcely injured. *Sheldon*, injured, but not badly. *Beurre de Waterloo*, scarcely touched. *Beurre Amande*, singularly free. *Beurre St. Nicholas*, *Oswego Beurre* and *Golden Beurre*, not much injured. *Beurre de Paimpool*, nearly stripped. It was intended to go over all the other varieties in a similar manner, but opportunity did not offer. In the course of another fortnight new leaves began to push out vigorously on the defoliated trees and within a month or six weeks all was green again.

In the meantime these mischief makers were preparing for a second descent, and we in turn were preparing to receive them; on the 29th of July, when going through the orchards in the afternoon, the new brood of flies were found in the greatest abundance, resting on the young leaves, or on those portions of green which still remained on the leaves partially eaten by the last brood, they were congregated, however, more especially on those trees where green leaves were most abundant. On disturbing them they would fall to the ground with the antennæ bent under their bodies, and the head bent forward. On half a dozen trees we caught about 60 specimens, and might have taken hundreds, they were so thickly spread that in many instances there were two and three on a single leaf. By the last week in August, the second brood of slugs were hatched; some very tiny creatures, others by this time half grown. Now, those trees which had previously escaped were all more or less covered, and would no doubt soon have been stripped, had not some measures been at once taken to destroy them. A raised platform was rigged up in a one horse cart in which was placed a barrel of water in which a pound of powdered hellebore had been mixed, and from the elevated stand this mixture was showered lightly on the trees from the rose of a watering pot. It was astonishing how quickly the trees were cleaned scarcely one could be found on a tree the morning after the application had been made, and ten pounds of hellebore with five or six days work of man and horse served to go over the whole ground, the work being completed in much less time than we had supposed it could.