

water should hold in solution. One immersion destroyed the fungus, a second application caused the Fruit to crack as Plums usually do after a drenching rain, and discolouring the pulp where exposed. With an atomizer or spray producer of sufficient power to bedue the trees with the liquid, and applied early in the season when half grown, it would no doubt act as a curative. Experiments are wanting to prove the efficacy of this solution or some other disinfectant. Some persons have suggested the Curculio as the chief agent in causing this disease, but in this case the weight of evidence is in his favour. The Curculio has been hacking at the Plums and other Fruit for years, but this disease is of recent date.

One of the greatest difficulties to contend against in Fruit growing is the ravages committed upon Fruit and Fruit trees by tribes of noxious insects. To deal with them in a summary manner and to successfully check their onward progress of destruction, requires a knowledge of their habits and economy, which Fruit Growers should endeavor to come at by using their eyes, and observe for themselves the different changes from the lava to the perfect state. The Curculio known as the "Notorious Plum Weevil" is very destructive to Fruit, Plums especially, causing them to drop off in large quantities, frequently denuding a tree of its Fruit. This insect belongs to the beetle tribe, and is less than a quarter of an inch long—colour when full grown greyish brown. The young ones in the fall vary in size and are of a black lustre. Of all the insects that prey upon Fruit this is the most persistent, constantly on the increase, always prepared as soon as the Fruit is set, following the Plum into all the remote districts, and puzzling the settler to find out what is to pay with the Plums. The loss occasioned by this cunning bag cannot be estimated. Fruit Growers and consumers are both sufferers. If it were not for its depredations Fruit would be more abundant, and consequently cheaper. To find a remedy to ward off its attacks ingenuity has been taxed to the utmost, as yet nothing effectual has been discovered, and Fruit Growers have given up in despair. Plums planted in enclosures by themselves, adjoining a hog pen, receive a certain amount of protection if the hogs are allowed access to the fallen fruit.

The whereabouts of the Curculio in the Winter is a question, as yet, not satisfactorily disposed off. The question of its Winter condition is of some importance, as it may lead to a method of trapping the insect. From some observations respecting their habits, it appears