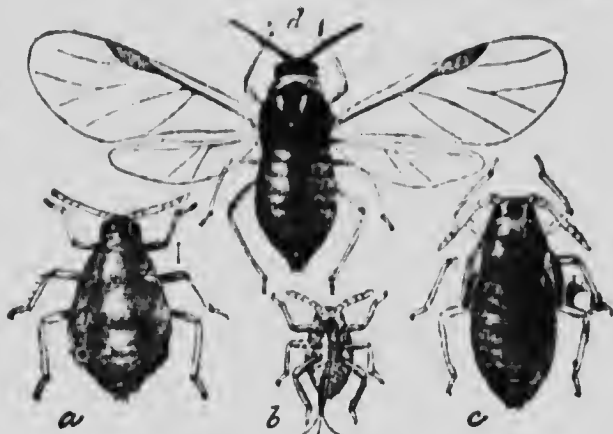


injury by attacking the tender parts of growing plants. They undergo a rather remarkable development and affect the plant injuriously by sucking up the juices. The winged forms which appear from time to time, allow for the distribution of the insect from place to place. They secrete a peculiar, sweet, sticky fluid called honey dew, which is attractive to ants. They may be controlled by the application of adhesive sprays such as kerosene emulsion or Nicotine Sulphate, which is



Plant Lice

There are a great many types of Plant Lice. They are usually about the size of small pin heads.

Commercially known as "Black Leaf 40."

Currant Worm.

The Currant Worm or Currant Saw Fly (*Nematus Ventricosus*) is particularly injurious to the garden red currant by feeding on the leaves and completely defoliating the plant. The greenish larvae, which hatch from the eggs laid on the under surface of the leaves, are very active feeders and soon strip off all the leaves if unmolested. When fully developed they pupate and later emerge as an active four winged fly. They may be controlled by the use of white hellebore in the proportion of two ounces to one gallon of water, or mixed with equal parts of flour and dusted on the leaves of the plant.

INSECTS AFFECTING SHADE AND FOREST TREES.

There are numerous insects affecting the trees around our homes in our windbreaks or in our forests. Forest insect frequently appear in large numbers and do serious injury to forest trees, particularly those forms which feed on the leaves. In deciduous and coniferous trees have their insect parasites. A deal of injury is also done to forest trees by boring insects, early to coniferous trees whose woods are affected by the various boring beetles.

Canker Worm.

Among those insects affecting the leaves of deciduous trees are the Canker Worms, Fall Canker Worm (*Aisophila pametaria*) and Spring Canker Worm (*Paleacrita vernata*). The larvae of these insects, which have a peculiar looping motion, feed on the leaves of