

This is so with *Disippus*. The ends of the leaves have been eaten away and only the sides need shaping. But if the residue is insufficient, or for any reason does not answer the purpose, the caterpillar moves to another leaf and begins cutting.

ON A NEW PSOCUS.

BY WM. H. ASHMEAD, JACKSONVILLE, FLORIDA.

In my investigations of the insects of the Orange tree, I have discovered another curious insect on some branches infested with Scale Insects, and given me by Major A. J. Russell. I at first took them to be Aphides, but on closer examination they proved to belong to *Psocus*.

The eggs are laid in oval masses under and frequently on upper part of leaf, and are protected by a closely woven web, through which are sprinkled sooty particles. The young, when first hatched, are very active, white, Aphis-like looking creatures, from a dozen to twenty clustered together, in all stages of development, beneath the web. On disturbing they disperse from under it with surprising rapidity. They probably prey upon the young Scale Insects and the decaying matter caused by them. As I can find no description or mention of them, I submit the following :

Psocus citricola, n. sp.

Elongate, pale yellowish ; head large, as wide as long, outer edge from eye to eye forming a perfect half circle ; eyes are large and very prominent ; maxillary palpi four jointed, the basal joint little longer than either of the others, but narrower ; the others about even in length but gradually increasing in thickness, the last being the thickest ; antennæ three-jointed, first two short, same size, as wide as long ; the last joint is long and filiform, reaching nearly to the end of abdomen, and covered with long fine hair ; thorax narrower than head, slightly longer than wide, rounded at edges, with a transverse suture dividing it into two parts (immature specimen) ; abdomen longer than head and thorax together, eight segments, the largest being nearly twice as wide as thorax ; legs six, rather long, tarsi two-jointed, ending in two minute claws. The abdomen and

legs have small short hairs springing out all over them. Wings hyaline, with costal, subcostal, median and submedian veins; in fore wings the subcostal runs parallel with costal until before reaching apex it bends downwards and then curves upwards, ending at termination of costal vein, forming a cell which is opaque; it also sends a veinlet from before middle that descends and curves around upwards until near the third of the wing, when it divides, the lower ending in outer edge; the other runs to below apex, near the edge, where it divides into two short veinlets, terminating at outer edge; median vein curves slightly downwards until near the middle of wing; it then divides into two, the lower descending till near apex of inner edge, when it suddenly curves upwards, terminating at outer edge, the cell thus formed being opaque; the other veinlet ascends, crossing the branch of the subcostal till just before reaching the apex it breaks into two veinlets, forming a small triangular cell at apex. Hind wings contain one costal, three subcostal, two submedian, and one internal cell. Length of matured specimens from .10 to .12 of an inch.

MONTREAL BRANCH OF THE ENTOMOLOGICAL SOCIETY OF ONTARIO.

The sixth annual general meeting of the Montreal Branch of the Entomological Society of Ontario was held at the residence of G. J. Bowles, Esq., on Tuesday, the 3rd June, 1879, at 8 o'clock p. m.

Mr. Bowles read a paper entitled "Some of the insects that frequent the orchard and garden—under what circumstances they increase unduly, what insects to spare, what to kill, and how to kill them, with other useful information," by the Rev. F. W. Fyles, corresponding member of the Nat. Hist. Soc.

The annual report of the Secretary-Treasurer was then read and adopted. This report showed that after meeting the current expenses of the year, there still remained a very fair balance on hand.

The proceedings were closed by the election of the following officers for the ensuing year:—President, G. J. Bowles; Vice-President, H. H.