

master mind guiding and developing the scheme for horticultural training, till the inception of the school is an established fact. During the few years Mr. Bigelow has sat as President, the Association has increased from less than one hundred to more than five hundred members, and the honored institution has assumed a vigor and energy that bids fair for increased usefulness, and it is the expressed hope of many members that the subject of this sketch may long fill the Presidential chair.

### THE APPLE LEAF BUCCULATRIX.

At the meeting of the Brant Horticultural Society at Paris, a fruit farmer, Mr. John McRuer, of Ayr, showed some twigs from his apple trees covered with small, elongated chrysalids. The larva, he said, was so numerous in his orchard, that it did very much damage. On forwarding some samples to Prof. Jas. Fletcher, he replies as follows:

"The apple twigs enclosed in your letter, which had been handed

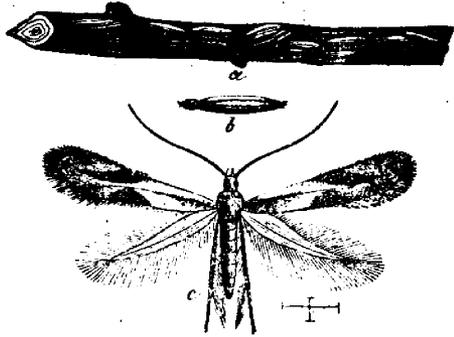


FIG. 425.

to you at the meeting of the Brant Fruit Growers' Association in Paris, are infested with the apple leaf Bucculatrix, *Bucculatrix pomifoliella*. The white objects on the twigs are the cocoons of the second brood. The perfect form of this insect is a beautiful little moth, which is figured on page 119 of Saunders' "Insects Injurious to Fruits," where the cocoons are also shown upon a twig. The moth appears in May, and the small caterpillars are occasionally so numerous as to cause considerable injury. There are two broods in the year. Probably the most practical remedy for this insect is spraying the trees, after the flowers have fallen in spring, with one pound of Paris green, one pound of freshly slaked lime and 200 gallons of water."

### A Big Apple Story.

SIR,—I believe you have asked the question, What is the largest crop of apples you know to have been taken from a single tree? and having knowledge of what I think an extraordinary crop, I have for some time intended writing you regarding it. Mr. Summerfield Douglas, who is now manager of the Kay Electric Works in Hamilton, but who, ten or twelve years ago when this occurred, was living on the Douglas homestead, Burlington Plains, lot 3, con. 1, E. Flamboro', will tell you that at that time he had a tree of Maiden Blush which yielded thirty barrels. Although a twenty-six foot ladder was used in picking, a portion of the crop had to be left on the tree as it was quite out of reach. There were twenty-two barrels of first-class apples and six barrels of seconds, which, together with the cider apples and those remaining on the tree, would make up the quantity named. The net proceeds from this crop was between fifty and sixty dollars.

GEORGE E. FISHER, *Freeman, Ont.*