Last stage.—Perfectly smooth, pale honey-yellow, almost whitish. The larvæ enter the earth on acquiring this stage without feeding.

Monostegia quercus-albæ, Norton.

My specimens vary in having one or no middle cells on hind wings. The latter is, in fact, the more common, and the specimens appear to be *Caliroa obsoleta* of Norton. The larvæ, as described by me (CAN. ENT., XXVI., 43), differed from Norton's description in having the head black. I have, however, obtained larvæ like those of true *q.-albæ*, and the fly is before me. It was submitted to Mr. MacGillivray, who pronounced it to be *M. q.-coccineæ*, but I can scarcely agree with him, as the wings are hyaline.

Monostegia quercus-coccineæ, Dyar.

Recent specimens vary in having one or two middle cells on the hind wings. Those with two middle cells seem to fit the description of *Eriocampa fasciata*, Nort., and I may be in error in having described the species as new, provided the larval characters prove illusory.

Eriocampa cerasi, Peck.

My specimens vary in having two or one middle cells on hind wings. One specimen has the lower cell present on one side, the upper present on the other with a portion of the cross-vein of the lower.

Larva common on *Cratægus sp.* and on *Amelanchier canadensis* at Woods' Holl, Mass., in July; imago in August. The larva has been often described. It has a final stage (sixth), in which the head does not grow and the larva does not eat, as in the four preceding species. Widths of head: (1) 0.25 mm. (?) [not measured], (2) 0.35 mm., (3), 0.55 mm., (4) 0.8 mm., (5) 1.1 mm., and (6) 1.1 mm.

The following synopsis will separate the larvæ of this group as far as they are known to me :—

Larva not shining, greenish (Rosa).....*Monostegia rosæ.*
Larva shining, slimy.
Larva large, blackish (Pyrus, etc.).....*Eriocampa cerasi.*
Larva smaller, whitish.
Sides of thorax orange tinted (Quercus coccinea).
Head black.....*Eriocampa fasciata.*
Head pale.....*Monostegia q.-coccineæ.*
Sides of thorax concolorous, whitish (Quercus alba).
Head black*.....*Caliroa obsoleta.*
Head pale†.....*Monostegia q.-albæ.*

* *M. q.-albæ*, CAN. ENT., XXVI., 43.

† *M. q.-albæ* of Norton. Fly determined by MacGillivray differently, but I cannot corroborate him.