

The larva from the beginning is very quiet in its habits, never leaving a stem of the food plant so long as a leaf remains. In eating it always hangs from the mid-rib of the leaf below (or, when small, from one of the minor ribs), and eats usually from the extreme end, finishing a section across the leaf as it goes. It generally eats midrib and petiole down to the woody stem. It is easily reared and will endure almost any hardship. Like others of our Sphingidæ, it is but partially double-brooded on Long Island.

NOTES ON THE EARLY STAGES OF SOME MOTHS.

BY L. W. GOODELL, AMHERST, MASS.

Euloncha oblongata Grote.

Larva, one specimen—Body black; a broad coral-red band on the back of each ring and a row of bright yellow blotches on the sides. The black ground color is variegated with white on the sides. On each ring are ten small warts, each of which bears about eight short, stiff, spreading brown spines, which sting severely when touched. Head roundish, coral-red, with two brown spots on the crown. Length when full grown, 1.4 inches. Feed on the smooth alder (*Alnus serrulata*). Changed to a pupa within a tough cocoon attached firmly to a twig. Imago June 6.

I am indebted to Prof. A. R. Grote for the identification of this species, and to Dr. A. S. Packard, jr., for the following Geometrids:

Eumacaria brunnearia Pack.

Larva, eight specimens—Body smooth, stout and uniform; black with a large, indistinct, grayish blotch on each side of the five middle segments. Head black, as wide as the body, not bifid. Length when full grown, 0.6 to 0.7 of an inch. Feeds on the apple tree. Pupated Aug. 30th to Sept. 15th.

Pupa—Length 0.33 to 0.42 inch; dark brown; subterranean. Imago early in June.