ON THE EARLY STAGES OF HYPENA SCABRA, FABR.

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EGG.—Globular, slightly flattened above, more decidedly so below; lower half smooth; upper half deeply grooved, the interspaces rounded and marked with fine transverse impressed lines; whitish, the upper half sometimes dotted with dark brown; transverse diameter nearly ½ mm. [The top of this egg closely resembles that of the unarmed Rustic (*Agrotis saucia*) figured in Riley's 8th Report, page 37, fig. 24.]

LARVA.—First Stage : Body green; a dark colored dorsal line, edged each side with a whitish line; a white subdorsal and stigmatal line; piliferous spots green, each bearing a short black hair; venter green; head polished green; body provided with only 14 legs.   When jarred from their perch the larvæ hang suspended by a silken thread.   I observed only two moults in these larvæ, and the color and markings after each moult are the same as in the first stage.   Length at maturity about one inch.

CHRYSALIS.—Of the usual form, dark brown; length about 14 mm.

On the 15th of May, 1880, I enclosed a moth of this species in one of my breeding cages in which some red clover was growing; the next day it deposited about 50 eggs, placing them singly on the under side of the leaves, and rarely upon the stems of the clover, sometimes consigning several eggs to the same leaf.   They hatched out on the 23rd of the same month, and all of the larvæ reached maturity at about the same time, and then crept beneath dead leaves, etc., and spun their cocoons.   The first moth issued June 28, and the last one July 2.

On the 6th of July of the same year I obtained another laying of eggs, and the larvæ from these, like those from the first laying, all reached maturity at about the same time.

A larva which I found July 11, 1879, spun its cocoon August 22nd, but died before producing the imago; another spun its cocoon September 6th, disclosing the imago Sept. 18th.   On the 30th of October, 1880, I