

second pair of pro-legs mere points. A looper in motion. Color of the middle of the body from joint 2 to 11 pale dull yellow, with a slight leaden hue; head, joint 1 and the anal joint slightly reddish, these parts lacking the leaden hue. All the feet pale. Hairs arising from piliferous spots gray. Head about one third broader than the body. Duration of this period 3 days.

After 1st Moulting.—Length .20 inch. The whole of the dorsum pale green with traces of lines only on the thoracic and the posterior segments. On the sides two prominent reddish brown lines separated by a narrow green one. There is a very faint reddish subdorsal line. None of the piliferous spots are prominent except the posterior pair of the dorsal on joint 4, which are slightly enlarged and black. Head pale reddish brown mottled with darker. The first and second pairs of pro-legs a little more prominent. The larvæ are very active. Duration of this period 3 days.

After 2nd Moulting.—Length .55 inch. The general color of the dorsum is pale grayish green tinged with brown at the extremities. Dorsal line composed of two greenish white lines with a narrow space of the ground color between. Subdorsal line dull white. On the sides are three stripes separated by narrow white lines. The middle stripe is blackish brown considerably tinged with green on joints 4 and 5, and containing the stigmata. The other two stripes are paler with more green. The general color of head is brown, the stripes of the body extending irregularly over it, though considerably mottled. Feet pale brown. Piliferous spots black, the posterior dorsal pair of joint 4 prominent in color, a little so in elevation. Part of hairs from piliferous spots black, part brown. Venter gray with black spots in the middle of the joints. Duration of this period 4 days.

After 3rd Moulting.—Length .75 inch. The dorsal space is in three distinct stripes, separated by two white lines. The dorsal or central stripe has an imperfect faint dorsal line, the rest of the stripe being pale mottled with brownish. The stripe between this and the subdorsal is brown mottled with greenish. The sides striped much as in the last period, the stripes separated by white lines. The upper of the three is like the dorsal stripe, pale inclining to carneous; the second or stigmatal is like the one in the dorsal space. The stripes are a little darker on the thoracic joints than elsewhere. Piliferous spots black, the posterior dorsal pair of joint 4 prominent as before. The articulations or incisures of the joints in the