

under surface extending around the posterior segments. In some younger specimens these yellowish-white markings have a reddish or brownish tint.

Under surface deeper bluish-green, with a faint white bloom. Feet and prolegs partake of the general color.

June 21st.—Since the 15th most of the larvæ have moulted, resulting in some change in their appearance.

Length .55 in. Head, color and markings as before.

Body above dull white with a faint green tinge, changing in some specimens to a slight ochrey-reddish tinge, thickly covered with minute white hairs; second segment pale green. The green dorsal stripe on third, fourth, and fifth segments has acquired a deep greenish brown tint, which contrasts strongly with the general color of body; the same change is also observable on the last four segments, and here the stripe is much widened, the anterior portion of it assuming the form of a triangular patch, its base on posterior part of eleventh segment, its apex on anterior part of tenth; on the intermediate segments the dorsal stripe is obsolete. On the fifth segment a streak of dark brown crosses the end of the dark dorsal stripe extending about half way down the sides; there is also a dot of the same color on each side of this segment close to under surface. On the sides of the fourth and sixth segments are several additional brown dots, very small. The tenth and eleventh segments have an oblique brown streak on each side, with a small spot of the same color placed below it. The sides of body have five or six white oblique lines.

Under surface green, with a whitish bloom; a patch of brown on each side in continuation of spots on tenth and eleventh segments; a patch of the same also behind the last pair of prolegs.

Before entering the pupa state these larvæ assumed a delicate pink color, the dorsal stripe becoming darker, the other lines paler. Length .60 in. Head, color and markings as before. Body above dull whitish pink; second segment greenish; dorsal stripe on third, fourth and fifth segments very dark brown, widest on fifth, where there is a spot of the same color on each side of it. The lines bordering dorsal crest, oblique lines on sides, and edging of under surface, all pale pink. On the hinder segments the anterior portion of dorsal stripe is widened, assuming the form of a triangular patch as before, its color scarcely so dark as that on anterior segments.

Under surface green with a yellowish tint, feet and prolegs of the same shade.

One of these became a chrysalis on the 27th of June. Length of pupa, .40 in. Color pale brown, sprinkled with many dots of a darker shade, and thickly covered with short yellow hairs. A ventral line of dark brown