

joint; those on joint 2 all prominent and pointing forward; the dorsals on joints 3 and 4 a little less prominent, those on 5 to 11 small, those on 12 and 13 about the same as those on 3 and 4; lateral tubercles just above the legs, large, long and pointing outward and downward giving the body a flattened appearance; hairs on the dorsum not very long, the clusters moderate as to number, the anterior and lateral full and long; all grey. Head black. Duration of this period seven days.

After 3rd moult.—Length .50 inch. Marked as before but the body more a series of alternate lines, and the pale lines more a clear yellow the black lines where wide are mottled with yellow; a whitish patch on the posterior part of the dorsum of joint 4 and the anterior part of 5, and the same on joints 8 and 9, the latter more almond-shaped than the first; tubercles, larger; head and venter lead-black. Duration of this period thirteen days.

After 4th moult.—Length .85 inch. General appearance as before, the yellow mottlings in the black more prominent and the light lines less conspicuous; the lateral hairs white, the tufts full and the hairs long; the dorsal tufts short and spreading; the tubercles lead-black. Duration, of this period fourteen days.

After 5th moult.—Length 1.40 inches. The general colour grey, composed of a great number of fine alternate longitudinal light and dark grey lines, giving a paler shade than during the preceding period; a deep black transverse stripe back of joint 4, shaded each side with dark grey, the black not always showing on account of being more or less covered by the inter-segmental folds; the dorsal tubercles on joint 4 large, buff, studded with short black spines; all the other dorsal tubercles small and hairy, with only about six short black spines to each; the lateral tubercles large, extending outward, from the upper part of the outer end of the tubercles about twelve black bristles or hairs as long as the body is wide; below these are finer white hairs many of which are longer than the black ones; mingled with these white hairs are about a dozen that are tipped with triangular fan-shaped tips resembling somewhat the tips on the tail feathers of the peacock; under parts orange with a round black patch on each joint.

Mature Larva.—Length 2.25 inches. The markings and characters are as at the beginning of this period. Duration of this period from twenty-four to fifty-six days.