

is a yellow row, and a yellow and wavy one runs along the ridge, at base ; these two side bands unite at 4 or 3 and go to head as one broad band.

Six days after 4th moult the larva reached maturity, and two days later suspended.

MATURE LARVA.—Length 1.2 ♂, 1.4 ♀; greatest breadth .18 ♂, .2 ♀; body sub-cylindrical, obese, in some cases almost same thickness from 2 to 8, then tapering rapidly to end, in others the middle segment is thickest and the taper is regular either way, 2 being of equal diameter with 12; the dorsum well rounded, the sides much less convex, rather flattened, and sloping to a broad base ; the last segment ending in a forked tail ; banded with tubercles as immediately after the moult, but these have constantly diminished in size as the larva progressed, and in no place are so distinct, and many have disappeared altogether ; general color either bright yellow or ochre yellow, a little whitened along the edges of dorsal area ; the medio-dorsal stripe is very narrow and either black or deep blue, but greenish on two or three anterior segments ; the two side stripes are dull or sordid green, as is also the under side ; feet and legs same ; head .06 inch broad, .07 high, sub-quadrate, the sides rounded, the front moderately rounded, the top depressed at a slight angle ; on each vertex a short, stout stag-horn process, with two equal prongs at top, one in front at base, another near the base on the front inner side, making four prongs which are of same shape, tapering to a blunt rounded top, and these and the entire front and sides of the process are black ; the back is green, and upon it and at the sides below are four green similar prongs ; along the back of head, at top and down the sides are several greenish-white slender spurs, the upper ones long, those on sides diminishing in length as they descend, and bent down ; on the front four small knobs, two below horns towards the suture, two at side ; the back of head green, the rest greenish-white and black, and thickly covered with a fine yellow down ; the processes and spurs much covered with quite long white hairs ; the entire surface of head shallowly pitted ; in nearly all cases the pattern of face is as in the preceding stages, the top being black, and projecting over front and sides black sub-triangular or long patches ; and also a black triangle resting on the black patch which covers the mandibles ; the white area being restricted to four vertical stripes, two of them incurved on middle front, making the letter H, the uprights reaching from vertices to ends of mandibles, a narrow space between the two front triangles making a cross