

May 23. Second stage.—Head darker, a depression on the face between the eyes. Otherwise unchanged. Length .16.

May 25. Third stage much as before. Length .21.

May 27. Fourth stage.—In this stage the black colour of the head, ventral plates, thoracic feet and antennal appendages is intensified. The substigmatal fold becomes thicker and more solid in colour. The spiracles and a series of broken yellowish lines on each segment subdorsally make a faint lateral stripe, dorsally and sublaterally translucent dull greenish. Length .33.

May 29. Fifth stage.—Much the same as before. One larva discovered moulting. The head apparently splits apart vertically at the mouth without previous visible distension. After moult the skin is partially eaten, but the head-covers remain in the web. The body of the larva retains its normal colours, but the head and ventral plates with their appendages are glassy and colourless, except the eyes, which are black, and a faint tinge of black about the mouth, and remains so for several hours after moult. Length .56.

May 31. Sixth stage.—A decided thickening of substigmatal fold, which now becomes a reddish orange. The broken markings above it and the subdorsal lines are also heavier and more solid in colour. Translucent intervals darker and presenting a slightly shagreened appearance. Instead of being rounded, the upper ventral plate now has a central triangular depression, in the bottom of which is set a short movable spine. This space is dusky yellow. The lower ventral plate has a depression on each side of a rounded longitudinal ridge, with the bottom confusedly punctured. Edge of both plates set sparsely with strong, black setae. Length .84.

June 12. Seventh stage.—Much as before. Body strongly wrinkled. Thoracic legs and antennal appendages now translucent greenish, ringed lightly with black at the joint. Length, 1.15.

June 14. Eighth stage.—Not changed, except that the thoracic legs are ringed with orange. The tubercles on the 11th segment have increased in size with later moults, but none others seem prominent. Length, 1.35.

After feeding two days without further moult, the larvæ as they mature turn a deep green, except the head and anal plates, which remain shining black, feet translucent. At this time they drop from the web and enter the ground for aestivation, there being in our section a spring and fall