

For the first few days the specimens captured will be found to be nearly all of the male sex, but after this the females begin to appear and both sexes are found together during the remainder of their short season of life which does not usually extend beyond the first week in July. Sometimes an odd specimen may be taken later than this, but it is always battered and worn, as if the protraction of its life beyond the usual time had been attended by many struggles and fightings.

On the 4th of June, 1870, we enclosed a captured female in a pill box for the purpose of obtaining eggs. The box was not examined till the 7th, when several eggs were found attached to its sides. The length of the egg was $\frac{3}{100}$ ths of an inch. It was nearly globular in shape, flattened a little at the place of attachment. Its color was pale yellowish green and it was covered with a very fine network, the spaces between the meshes being slightly depressed.

The young larva hatched on the 19th and 20th. The box was not examined on the 19th, and when looked into on the 20th, several of the young creatures were too much weakened for want of food to recover. There were two or three which promised well, but after the first few days only one survived, which has been watched over with much care and fed on grass.

Description of the larva fresh from the egg.—Length, $\frac{5\frac{1}{2}}{100}$ ths of an inch. Head very large, dark brown with a few yellowish hairs.

Body above dull whitish, with a dorsal and three lateral stripes of pale red, on each segment are a number of thick, short hairs or small spines, each arising from a minute tubercle and tipped with a small rounded knob. Under surface whitish, semi-transparent, feet and legs the same.

No description of this insect was taken between the first and second moultings, but after the second moult, July 20th, the following notes were taken :

Length .35 inch. Anterior segments nearly cylindrical, posterior onisci-form. Head medium size, larger than second segment, flat in front, with a flattened ridge above; color pale greenish, with a black dot on each side and a number of pale brown dots arranged nearly in transverse rows, and thickly covered with very short whitish hairs springing from small bulb-like tubercles; mandibles dark brown.

Body above greenish grey, thickly covered with small whitish tubercles similar to those on head, from each of which arises a single short brown or reddish brown hair; a reddish brown dorsal stripe, and a faint sub-dorsal line of the same on which is a row of dots of a similar color but of a little darker shade, most distinct on middle segments; there is also a stigmatal band of the same, edged below with yellowish green, and a second fair-