

In the course of two days and nights sixteen larvæ had thus set themselves free. As each left the egg I took it up with a moistened camel's-hair pencil, and placed it on a tuft of timothy (*Phleum pratense*, L.) that I had rooted in a small bottle of mud, and soon I had the satisfaction of seeing the young stock begin to feed.

The fifth day seemed to be a critical period for the larvæ, and I lost several. Why this was I cannot tell. I could detect no signs of a moult. Becoming alarmed, I divided my brood, placing half out of doors on an isolated patch of grass, which I protected with a wire dish-cover. This provision proved a failure, for a small ground-beetle found its way to the larvæ, and devoured them. I adopted every precaution I could think of to save the six specimens I had left. I was careful to have healthy growing plants of grass always ready for them. I covered them with a glass shade to protect them from sudden changes of temperature. Whenever a mild rain fell I let them have for a few moments the benefit of the shower, and I kept them where they would have plenty of light without being exposed to the extreme heat of the sun. These precautions were crowned with success. I brought several of the larvæ to their full growth, and eventually I had the satisfaction of seeing the perfect insect burst from its chrysalis. The following is a detailed account of the insect in its different stages:—

*Newly-laid Egg*.—Nearly one-twentieth of an inch in diameter at the base. The shape of a gumdrop—flat at the bottom and rounded above. Snow-white, and in some lights irrorated with red, blue, and green.

*Egg in the Spring*.—Somewhat shrunken—one twenty-fourth of an inch in diameter. Dull white. Surface rough, and slightly indented. Hatched April 20th.

NOTE.—*P. Manitoba* spends eight months, or two-thirds of its existence, in the egg.

*Newly-hatched Larva*.—Length, one-tenth of an inch. Head large, round, jet-black, shining, has an indented line down the middle, and a few whitish bristles scattered over the face. Plate or collar on the second segment glossy black. First pair of legs black. Colour of body, that of yellow wax, marked at wide intervals with round brownish spots. The second and third pairs of true legs and the pro-legs, the same colour as the body. The creature spun a slight web for a rest, something