

passed the second moult 23rd April, the third 4th May, and pupated 22nd May. I succeeded in getting but the one larva to pupation, and having accidentally injured the surface of the pupa, I put it in alcohol. The next year, M. Chrétien sent more eggs in same way. They hatched, and the larvæ went at once into lethargy, as before. They came back from New York, 6th April, 1888. I recorded that one was about to pass its first moult on 20th April, that two were at same time about to pass second, and two had already passed second on 5th June; that the appearance and attitudes of these larvæ are very much like noctuid larvæ. They are obese, sluggish, and spend most of the time lying on their backs or sides on the surface of the sod, the head and next segments bent in; or else they lie in a complete ring, the tail and head meeting. If resting on a stem of grass, the body is supported by the pro-legs only, the anterior segments arched, the feet not touching the stem. Now and then I found one feeding, but they did this mostly at night. On 13th June, one larva was evidently near pupation, by the pale hue of the skin and the disappearance of the lines. I record that it lies on its side and back between two stems, wedged in, its feet in the air. Next day it had got away from the stems and was lying on its back, much doubled up (Fig. 2). The following day it had pupated just where I had last seen it, unattached by the tail.

By 17th, I noticed that a second larva had fixed itself as I had recently seen one of *Erebria Epipsodea* do when about to pupate. It was nearly an inch clear of and above the sod, had drawn a few leaves of grass together by a few threads and rested among them upright, holding to the edge of a leaf by the prolegs, the dorsum much bent and turned to the left. An hour later the larva had loosed its hold and slid down, and was sticking upright in the sod, but had reversed its position, the dorsum now facing to the right. There it pupated, upright.

On 18th, another larva was lying on its back, like the first one mentioned. I had had a long search for it, and feared it had escaped, but by clipping the grass stem by stem, it was found low down in the sod, and there it pupated, 20th. The fourth also pupated, but among the roots, and was found only by pulling the sod in pieces. The fifth pupated in the night of 4th and 5th July. It had fallen off the bag which covered the plant, and was lying motionless on the earth. I laid it on its side among the leaves, and there it pupated, spinning no thread. From these pupæ I got five butterflies, the first one on 28th June, the last in middle of July.