

5th to pupation 14 days.
In chrysalis 21 days (♀).

5th to pupation 10 to 11 days.
In chrysalis 19 days (♂).

No. 1 was 64 days from 1st moult to imago.

No. 2 was 65 " "

No. 3 was 67 " "

No. 4 was 65 " "

Whereas the period of the larva before spoken of (1873-4) was 102 days from 1st moult to imago. The frozen larvae were healthy at all stages, and I lost none after 1st moult, except one in chrysalis.

2. CYBELE.

In Sept., '79, I obtained eggs of *Cybele*, and 7th Oct., I sent 40 larvae just hatched to Prof. Fernald, to go on ice. Others I retained, and tried in the usual way to carry them through the winter, but in Feb'y I found that these were dead. I received the lot from Orono 3rd March, '80. These were nearly 5 months in the sawdust next the ice in house, as Prof. Fernald wrote me. Two days after they reached me several were moving about, and I transferred them from the boxes to violet. The stages were :

No. 1. 2nd stage, 12 days.

3rd " 4 "

4th " 5 "

5th " 7 "

No. 2. 2nd stage, 10 days.

3rd " 6 "

4th " 7 "

5th " 4 "

5th moult to pupation 9 days.

In chrysalis 16 days.

From 1st moult to imago 62 dys.

No. 3. 2nd stage, 8 days.

3rd " 9 "

4th " 8 "

5th " 8 "

5th moult to pupation 12 "

In chrysalis 20 "

1st moult to imago 65 "

The first butterfly emerged 12th May (♂).

Here again, as in the case of *Diana*, above related, the periods were all shortened by the freezing the larvae had undergone, and the larvae were healthier at every stage. In 1874, out of 100 caterpillars of *Cybele* hatched in fall of '73, I obtained but 3 chrysalids, and from these 2 butterflies. From 1st moult to butterfly was 104 days.