

on 23rd, two on 24th, and these were all I saw up to the last date, although I carefully watched for them. Shortly after, both sexes became common. On the 26th I took 7 ♀, and tied them up in separate bags, on branches of Aster. The next day 6 of the 7 had laid eggs, the clusters varying from about 50 to 225 eggs each. They were always laid on the leaves, and usually on the under side of them, in rows nearly or quite straight, and touching each other. In the larger clusters the layers were three deep. These gave me hundreds of caterpillars, and each brood was kept separate. The butterflies began to emerge 29th June, the several stages being thus : egg 6 days, larva 22, chrysalis 5. There were four moults and no more, but much irregularity in every larval stage, so that some of the butterflies did not emerge till 15th July. Just after these larvæ hatched I went to the Catskills, taking one brood with me, and they reached chrysalis there, and in that stage were mailed back to Coalburgh. I returned by the time the butterflies from these chrysalids were emerging. There was no perceptible difference in the length of the several periods of this brood and the others which had been left at home, and none of either lot became lethargic. In my absence the larvæ had been cared for by a member of my family, charged to note carefully all changes. The butterflies from these eggs of May, with a single exception, were *tharos*, and this one was *marcia* ♀, var. C. This was the second generation of the season, counting the one which proceeded from the hibernating larvæ as the first.

On 16th of July, at Coalburgh, I again obtained eggs from several females, this time all *tharos*, as no other form was flying. The eggs hatched in 4 days, the larval stage was 22, and chrysalis 7 ; but as before, many larvæ lingered. The first butterfly emerged on 18th Aug. All were *tharos*, and none of the larvæ had been lethargic. This was the third generation in succession, and from the second laying of eggs.

On 15th Aug., at Coalburgh, I again obtained eggs from a single *tharos* ♀, and took them directly to the Catskills, and they hatched just as I arrived there, 20th. This was the fourth generation of the season from the third laying of eggs. The weather in Virginia had been excessively hot, and so I found it on the journey, but on reaching the mountains it was cool, and the nights decidedly cold. Two days after my arrival the mercury stood at sunrise at 40°. September was a wet and cold month, and I protected these larvæ in a warm room at night, and much of the time by day, for they will not feed when the temperature is less than