

and that he had also made the same observation several years in succession; though he had never actually seen them feeding on the Aphids, they were always found among them." At a subsequent meeting, Feb. 11, 1886, "Mr. Howard read a note from Prof. Riley in relation to the food habits of *F. Tarquinius*, in which it was stated that he had had for some time in his notes the records of observations by Mr. Pergande, who had found the larvæ actually feeding on the following species of Aphididae: *Pemphigus Fraxinifolii*, *Schizoneura tessellata*, and *Pemphigus imbricator*. The last named species is the one referred to by Messrs. Johnson and Luggler, at the last meeting." Ent. Amer., vol. 2.

Prof. Riley gave an abstract of the accounts by different authors of *Tarquinius*, in "Science," Vol. 7, No. 169, April 30, 1886, and of what was known as to its food, and stated four reasons why it was "more than probable" that different species of plant-lice "are the normal food of this larva." The essential reasons are the first and fourth. That attempts to feed the larvae on leaves had proved futile. That both Mr. Luggler and Mr. Johnson had found the larvae, but never dissociated from the plant-lice. But, concludes this paper, "neither of these observers were able to get positive proof of the fact." That is, I suppose, "proof of the fact" that aphides were the sole food, because all the gentlemen named had seen the larvae eating aphides.

That is all, so far as I know, which has been published on this matter to the present date. I am pleased to be able to say now that the full history of *Tarquinius* from egg to chrysalis has been followed out the past season, by Miss Emily L. Morton, of New Windsor, Orange Co., New York, well known as an enthusiastic lepidopterist. It has cost much patient labor, the observations having to be made mostly at a distance from home, in difficult ground, and running through several weeks. But the object has been attained, and I think little can remain to be discovered about the habits of *Tarquinius*.

Miss Morton kindly wrote me her notes from day to day, and sent eggs and larvae repeatedly, as well as supplies of aphides. Also sent the same to Mrs. Peart, at Philadelphia, so that drawings could be made at every stage. I propose to publish these drawings soon in But. N. A., Vol. 3.

Miss Morton wrote 11th Aug., 1886: "I saw a *Tarquinius* laying an egg on the twig enclosed (alder). She flew about and finally settled on the branch, depositing the egg right in the middle of the aphides. From