

per wire six inches in diameter, to which are attached four movable uprights of the same wire; and a piece of netting.

When set the uprights are stuck into the sand at equal distances, supporting the copper ring at about six inches from the top of the flower pot. The netting is spread over this frame and held to the flower-pot by a rubber band, making an airy cage, the top of which is flat, enabling the moths to hang from it. This cage I put on a table in a room with one window partly open.

The two moths were very quiet all the next day, 9th May, but on the 10th the male crawled about the netting, without seeming to notice the female, who was still quiet, only opening and shutting her wings now and then. I set the cage so that the female was nearest the open window but more than ten feet away from it. Soon after nine in the evening the male began to seem excited and to vibrate his wings so fast that they made a dull buzzing sound, loud enough to attract my attention at the far end of the room. I kept a light until eleven o'clock and all the time the male either kept up the buzzing vibration, or crawled over the netting near the female, opening and shutting his wings as if to display them. As soon as the light

was out I heard a great fluttering, which stopped before half-past eleven.

The next morning the moths were *in coitu* hanging from the top of the cage, and so remained until 6.30 P. M., when they separated, and for about an hour were very quiet.

I then put the female into a box covered with netting and before 10 P. M. she had laid 159 eggs.

11th	May	she	laid	80	eggs.
12th	"	"	"	40	"
13th	"	"	"	21	"
14th	"	"	"	13	"
15th	"	"	"	10	"
16th	"	"	"	6	"
17th	"	"	"	6	"
18th	"	"	"	6	"

making a total of 341 eggs.

The last eggs were pure white, without the dark spots characteristic of the others. All the eggs were laid before midnight and most of them before 10 P. M. On 19th of May the female died, the male I had let fly on the third day.

Both emitted a rank odor, not unlike that of *Ailanthus*-flowers and I could not perceive that the odor of the female was stronger or different from that of the male though I tested them in separate rooms.

INSECT LIFE. Under this title the United States Entomologist begins the publication of a periodical bulletin to be issued on an average once a month. It will contain brief notes and papers which are not adapted for the annual reports or the special bulletins of the Division. The first numero is dated

July 1888 and contains among other interesting matter a complete life-history of the Willow-shoot Saw-fly (*Phylloecus integer*). Dr. Williston describes and figures *Lestophornus iceryae* a new genus and species of *Oscinidae* parasitic on the fluted scale (*Icerya purchasi*).



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