

stippling, but variegated with conspicuous, slightly elevated, polished spots, eight on each thoracic, and ten on each abdominal joint. The anal segment and the one immediately preceding it lighter in color than the others, and somewhat translucent. Head horizontal, broad and thick, of a highly polished black color, the triangular face outlined by a fine line of brown. Basal joint of antennæ transparent, 2nd joint tipped with black, terminal joint entirely black. Maxillæ similar. Thoracic legs unusually long, black, except at the joints, where they are translucent cinereous. Venter and prolegs—the latter only moderately developed—of a translucent smoky brown, the anal pair variegated with irregular patches of opaque dark brown.

This larva was placed in a large jar partially filled with earth, and from time to time the clover sod was renewed; but I saw nothing more of it until about the 1st of May, when, thinking it to be dead, I was proceeding to sift the earth in the jar. My attention was soon attracted by a long string of webby matter in the soil, which I at first supposed was some sort of fungus growth, although remarkably tough and strong for anything of that kind. As I was pulling it to pieces, a shining black head was suddenly protruded from one end, and I at once recognized the missing larva. The webby substance proved to be a silken gallery, white and smooth inside, which constituted the concealed retreat of this interesting little creature. The gallery has an open entrance at the surface of the ground, from which its inmate emerges at night to feed. A little pressure from below forced the larva from its hiding place, and I was enabled to observe that it had increased in size, the length being about one inch with a diameter of 0.15 inch. at the 1st joint; the color was also a shade lighter than when my description was taken; otherwise it was unchanged.

June 16th I carefully unearthed the gallery a second time, and found it to be nearly six inches in length, descending by irregular windings to the bottom of the jar, two and one-half inches. About mid-way reposed the insect in the pupa state. The chrysalis is slender, elongate, the abdominal segments sharply edged, but not serrated, and of a mahogany brown color. The palpal sheaths are conspicuous, extending down on the ventral side as far as those of the antennæ. June 29th the moth issued, and I was delighted that it proved to be the species of *Anaphora* whose larval habits I had long desired to ascertain.