

Body, above, reddish brown, with many longitudinal lines and stripes of a somewhat darker shade. A double, whitish dorsal line, with a stripe on each side of the darker shade of brown; another stripe of the same hue close to stigmata, and between these are faint longitudinal lines. Spaces between segments from fifth to eighth, nearly black above; this, however, is only seen when the body is coiled up, which the larva readily does when disturbed.

Under surface slightly darker than upper, with many longitudinal lines of a still deeper shade, and a central stripe of blackish green from 6th to 9th segments; feet and prolegs greenish, semi-transparent, with faint lines, and dots of a darker shade.

This larva has only three pairs of prolegs, and in its movements resembles the true Geometer's. Early the following spring the chrysalides produced the imago.

During the summer of 1866, late in July or early in August, a female specimen of that very rare moth, *Arctia parthenos*, was captured by Mr. B. Billings, of Ottawa. While confined in a box it deposited a number of eggs, which, a few days afterwards, produced the young larva. These fed readily on lettuce and other herbaceous plants, so that they were reared without difficulty until they were about half or two-thirds grown. The season was now advanced, and they refused to eat any more. At this period of their growth it appears they hibernate for the winter, hiding in crevices, and under loose pieces of bark on trees, &c., and finish their growth the following spring. For want of circumstances favorable to their preservation many of them shrivelled up and died. Several specimens were sent to me to see if I could winter them, and from one of these the following description was taken:—

Length, 1.25 in., cylindrical. Head medium sized, bilobed, black and shining, with a few brownish hairs. Body, above, black, with transverse rows of shining tubercles, rather large, and of a dull, brownish-white color, excepting a few on anterior segments, which are black. From each tubercle arises a tuft of brown hair. The hairs on anterior segments and around the base of body are rather short, the others long, silky, of a slightly paler shade of brown, and extending backwards, overhanging the segments behind them. Stigmata elongated, and of a yellowish orange color.

Under surface black, with a slight brownish tinge; 5th, 6th, 11th and 12th segments, with a transverse row of black tubercles in continuation of those above, each emitting several short, dark brown hairs. Feet black, banded with whitish brown; prolegs black without, tipped with greenish brown.

I was unfortunate with my specimens; Mr. Billings was equally so. Mine were buried in a box, under the ground, thinking this would preserve them in a uniform state of moisture. When taken up in the spring two of them