

habits are similar to those of the latter. It sometimes occurs about London in such numbers as to strip the trees of their leaves, and the moths are taken in the squares of that city, sometimes twenty or thirty on one tree.

The Champ de Mars, Montreal, is a favorite breeding place of *ursaria*. The Lombardy Poplars growing in this locality are infested with them year after year. In some seasons the trees are partially defoliated by the larvæ, and during the last week of April and the first of May the moths are to be found in great numbers. This year they were a little later than usual. On the 5th May I first observed them, many having just emerged from the pupa, and resting on the tree trunks with unexpanded wings. On the 6th I brought home two females, and placed them in boxes to obtain the eggs. Two days afterwards each had laid about two hundred eggs of a bright green color, globular, and without markings under a low microscopic power. They were .04 in diameter, and laid (in each case) principally in the narrow opening between the lid and side of the box. The female has an ovipositor which can be extended at least a quarter inch, for the purpose, perhaps, of laying her eggs in the interstices of the bark, as they are deposited some time before the leaves expand. About the nineteenth day the eggs changed color, and became steel blue. On the 29th May they began to hatch out, just as the poplars were expanding their leaves. The larvae were very active, and from the first had the peculiar geometric habit of resting now and then with the body extended full length in the air, supported only by the claspers. I turned them out on a young plum tree, and they soon began to feed freely, and grew rapidly. Strange to say, they quickly diminished in numbers, and but few reached maturity.

New-born larva.—.12 inch long, black, head large, with a few whitish hairs; front edge of first segment bordered with white, second and third with white spiracles; next five segments have two white spots on back, one on each side around spiracles, with another white spot below. Legs black; body beneath black.

Mature larva.—2 to 2.50 inches long, general color drab or dingy purple; head of a lighter shade, and spotted with black. First segment bordered in front with a yellow line, indented behind; fourth to eighth inclusive, each with six very small yellow tubercles, two on back, one behind and one below each spiracle. Body striped from head to tail with twelve reddish lines, each bordered on both sides by an irregular