

stripes of pale green, rather indistinct. Second segment greenish-white with a row of six black dots or minute tubercles, but slightly raised on its anterior edge. *Third segment with two black horns nearly one-tenth of an inch long*, one on each side of the dorsal line and spreading outwards, and forward below these on each side are two small black tubercles. Each segment behind this to eleventh inclusive has a transverse row of six of these black points or tubercles, those close to under surface being largest, those above much smaller, the upper ones scarcely visible without a magnifying glass. On twelfth and thirteenth segments these tubercles are a little more prominent and about equal sized throughout, numbering six on twelfth and three on thirteenth segments. Anal lid pale green, with its outer edge fringed with eight small black tubercles, so small as to be scarcely visible. On sides of twelfth segment, close to under surface, and extending slightly into the segments on each side, is a pale reddish-orange patch or short stripe nearly the color of head.

Under surface glossy green, with a faint whitish line down the middle and many small blackish dots or tubercles, some of which are arranged in a longitudinal row outside feet and prolegs. Feet dark-brown, nearly black, shining; prolegs pale green.

On the 28th of August these larvæ were about full grown.

Length  $1\frac{3}{4}$  inches. Head as before. Horns on third segment fully one-tenth of an inch long. Upper tubercles on middle and hinder segments quite distinct. Reddish patch on sides of posterior segments larger, extending over 11th, 12th and part of 13th segments, but less bright in color than head.

Under surface deeper green, feet pale reddish, prolegs pale green dotted with black.

These entered the ground shortly after and changed to chrysalides, producing the imago early the following summer.

## INSECTS OF THE NORTHERN PARTS OF BRITISH AMERICA.

COMPILED BY THE EDITOR.

*From Kirby's Fauna Boreali-Americana: Insecta.*

### I—COLEOPTERA.

For ten years we have been trying, and trying in vain, both in England and America, to obtain a copy of Kirby's descriptions of the insects of the Northern parts of British America, contained in the fourth volume of Richardson's *Fauna Boreali-Americana*, published at Norwich in 1837. Many of our friends have been making similar attempts, and always with the like ill-success. We have had, however, occasional access to a copy in the library of the University of Toronto, which, with the exception of