

THE LUNA MOTH--*Actias luna* Linn.

BY THE EDITOR.

In No. 8, Vol. 7 of our journal, there is an interesting article on this beautiful insect by Mr. R. V. Rogers, of Kingston, Ontario. When that appeared we were unable to supply an illustration of the moth, but lately we have succeeded in obtaining a very beautiful one drawn and engraved expressly for our pages.

This moth (Fig 1) measures when its wings are spread from $4\frac{3}{4}$ to $5\frac{1}{2}$ inches. The wings are of a delicate green color, thickly covered with pale hairs as they approach the body. There is a purplish brown stripe along the front margin of the fore wings, which stretches also across the thorax, while a small branch of the same is extended to the eye spot near the middle of the wing. The eye spots are transparent in the middle and margined with rings of white, yellow, blue and black. The hinder edges of the wings are bordered with purplish brown.

The head is white, while the beautifully pectinated antennæ are of a brownish tinge. The thorax and abdomen are whitish or greenish white, thickly clothed with a woolly down, the former crossed by the purplish brown stripe already mentioned. The legs are purplish brown.

This lovely creature is not at all common in the neighborhood of London; indeed it can scarcely be called common anywhere in Ontario, although it is very widely and generally distributed. Seldom a season passes without some being captured in our midst, and occasionally we have had them fly in at the windows at night, attracted apparently by the light.

The larva, which is of a bluish green color, feeds on Hickory, Walnut, Butternut, and sometimes on Beech and Oak, and closely resembles that of *polyphemus*, from which it may be distinguished by its having a pale yellow lateral stripe, bands of the same between the segments, and a brown V-shaped mark on the terminal segment.

For fuller details we refer our readers to Mr. Rogers' excellent paper.