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## NOTES ON THE LARVA AND PUPA OF SAPERDA MOESTA, LEC.

BY THE EDITOR.

On the 25th of March, 1873, I received from P. E. Bucke, Esq., P. O. Dep't, Ottawa, a bundle of twigs of the Balm of Gilead tree (*Populus balsamifera*), containing larvæ of *moesta*. These larvæ were very thickly set in the branches, in many places not more than an inch or two apart and situated chiefly at the base of the buds, where the presence of an occupant was indicated by a swelling in the branch, surmounted by a dark brown patch of partly decayed bark. The castings and debris of the food were of a light orange color, and were pushed forward, stuffing the swollen part. The whole length of the excavation made by each larva did not usually exceed an inch, and so much of this towards the front was filled with debris, that the clear space left was very little larger than its body.

The body of the larva was nearly cylindrical, tapering a little posteriorly, and about half an inch in length.

Head very small, dark reddish brown in front, with a pale streak down the centre. Color pale behind; jaws black.

Body above deep yellow, with a glossy surface, sprinkled with very minute short yellow hairs, invisible without a lens. Second segment above and below a little deeper in color, and more horny looking than the other segments; interspaces between segments strongly indented. There was a depressed dorsal line not different in color from the rest of the body, but sunken, and on each side of it the projecting rings of the body were somewhat flattened. Spiracles pale brown, rather small. Terminal segment a little more hairy than the others.