

underneath the bark of Hickory trees, and suspected it of making galleries under the bark. Dr. Clemens more correctly suspected that it was lichenivorous and hoped that Mr. Walsh might ascertain its larval history. Alas! the researches of both have terminated forever.

Only the male was known to Dr. Clemens, and from his description I think his specimen must have been somewhat rubbed. Male, "Head and face dark gray. Antennae dark gray, slightly spotted with white." Fore wings dark gray at the base, remainder paler, sprinkled irregularly with dark spots and scales. Ciliae grayish white. "Hind wings gray." (The quotations are from Dr. Clemens' description.) The female is apterous, with the head clothed with hoary scales and a tuft of the same at the apex; but the body is nearly naked. *Al. ex.*  $\frac{5}{8}$  inch. Kentucky. Common.

The larva feeds upon lichens and may be found in March and April, feeding up. It becomes a pupa in April and the imago emerges about a week thereafter. The larva is whitish, head black, upper surface of the two succeeding segments shining yellowish brown, anteriorly margined with white. The case is prismatic in outline, and of an almost leathery consistence, about  $\frac{1}{2}$  of an inch long, and tapering slightly towards each end; it is composed of silk, sand, particles of lichens, and excrement of the larva, and I have sometimes found small Molluscous shells adhering to it.

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## ON SOME OF OUR COMMON INSECTS.

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### IV.—THE ISABELLA TIGER MOTH.

*Pyrrharcia (Spilosoma) Isabella.*

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There are but few of our readers who are not familiar with the caterpillar of the Isabella Tiger Moth, one of our commonest "woolly bears," and found, we believe, in almost every part of Canada and the Northern United States. This larva, in common with many other members of the family (*arctiade*) to which it belongs, hibernates during the winter. It acquires nearly full growth in the autumn, and then, having selected a cosy sheltered spot under bark, log, rail, stone or board in which to hide, it