

by the roots in early Spring and cut up into stove-wood. I had a large orchard of old apple trees which I had dug up for twelve and a half cents each, and produced nearly an average of a cord of wood to a tree. The wood was worth enough, and more-than enough, to pay for my new orchard of young trees, and when grown they will be far better than I could possibly have made the old trees by grafting them over.

### ONE OF OUR COMMON INSECTS.

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*(Continued from page 11, No. 1.)*

When the little caterpillar of the Cecropia Moth has eaten its way out of the egg, and makes its first meal on the empty egg-shell, it presents itself to us as a little, slim, black creature, with shining black knobs on its body, from which arise hairs of the same color. Being blessed with an excellent appetite, its growth is very rapid, and soon its skin becomes uncomfortably tight, when it is ruptured, and after much labor the little thing wriggles itself out of it; which process is repeated several times before the caterpillar attains its full growth. After each of these changes, or moultings, as they are called, the larvæ appears in an altered as well as an enlarged garment, and finally, when full grown, it attains the size and assumes the appearance presented in

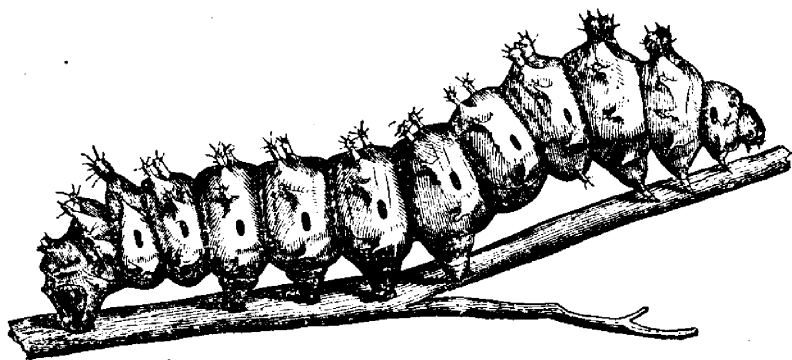


FIG. 3.