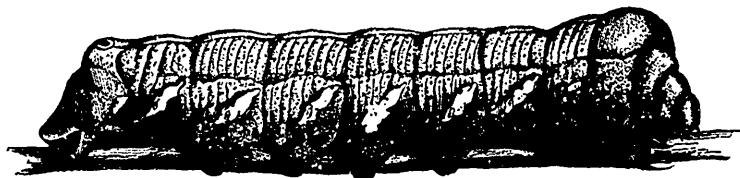


shown in the figure of a deep brown. The hind wings are pink with a dark shade across the middle, a few still darker spots below, and with the hind margin widely bordered with gray.

The caterpillar (fig. 5) is a formidable looking creature, measuring when full grown, if at rest, about three inches, but when in motion three



a.

Fig. 5.

and a half inches. They feed singly, and hence, when young, do not attract much notice, but as they mature they consume enormous quantities of food, so that a single specimen will in a short time render long branches of the vine entirely leafless. This larva varies much in color; when young it is usually green, with a long, slender, reddish horn rising from the last segment but one, and curving backward, but after each moult this horn gradually lessens in size until, as it approaches maturity, it disappears entirely, its place being occupied by a polished tubercle. When full grown the general color is sometimes green, but more frequently a pale straw or reddish-brown, deepening in color at the sides, and finally merging into a rich brown; there is also a broken line of brown along the back, and another unbroken, with its upper edge fading gradually along each side. It has six scalloped, cream-colored spots on each side, and the body is covered more or less with minute spots, which are dark on the back, but light and annulated at the sides. There are also from six to eight transverse wrinkles on all but the thoracic and caudal segments. The head, anterior segments and spiracles incline to flesh color, the prolegs and caudal plate deep brown. The largest segment in the body of the larva is the third behind the head, and into this, when at rest, is usually withdrawn the head and two anterior segments as shown in the figure.

When full grown and about to transform to a chrysalis, the color of the caterpillar often changes to that of a beautiful pink or crimson. It then descends to the ground and burrows underneath, and there undergoes its transformation to the pupa state within a smooth cavity.