

disperse, each seeking a location for itself. They moult five times, devouring their cast off spinous skins. After being in the larval state about eight weeks, they arrive at maturity, and are then about two inches and a half long.

Their food plants are numerous. They have been found on Black Locust, Indian Corn, Willows, Sassafras, Wild Cherry, Elm, Hop-vine, Balsam, Balm of Gilead, Dogwood, Choke Cherry, Currant, Cotton and Clover. I, myself, this year found it on the English Filbert, and raised it to maturity on that plant. I have, however, more commonly found it on the Choke Cherry. The larva, when full grown, crawls to the ground, where, amid the loose leaves and rubbish, it forms a rough covering, within which it makes a slight cocoon of tough, gummy, brown silk. In this retreat a change is soon effected to the pupal or chrysalis state, and having remained therein during the winter and spring months, the moth emerges in the perfect winged state about June. The moths are especially remarkable for the difference between the sexes, both in size and colour.

The male, fig. 29, which is much the smallest, is of a deep Indian or maize yellow ; on the fore wings are two oblique, wavy lines, near the hind

Fig. 29.



margin, and a zigzag line near the base. There is also a large, dark, reddish, central reniform spot or blotch. The hind wings are broadly shaded with purple, next to the body ; on the hinder margin is a purplish curved band, and within this again is a smaller one of a dark

purple or violet colour. In the centre of this last band and the middle of the wing is a large, round, blue spot, with a whitish centre and a broad border almost black ; the under side of the wings is of the same deep yellow ; the fore wings showing the same dark ocellated spot, as on the other side, and having the inner margin broadly shaded with purple. The hinder wings are more uniform in color, with a transverse purple line and a very small, distinct white spot representing the centre of the large spot on the upper side.

The body is also deep yellow.