

and *Lagoa*. The two latter are curious, and show some resemblances to the following group, *Cochlidiinae*. *Carama* may be described by Curtis also. The genera *Orgyia* and *Dasychira* are shared with Europe; in the old world the representation of the *Dasychirinae* seems to be far greater than in the new.

PARTIAL PREPARATORY STAGES OF CATOCALA INNUBENS, GUEN.

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April 28, 1887, a single larva of a then unknown *Catocala* was found on a Honey Locust which proved to be this species. By its appearance it had seemingly passed the first moult. Hence the egg and first stage of the larva is lacking in this account of its life history. If my conjecture be true, my description will begin with the conventional "after the first moult." Length, .26 inch. Color pale greenish, the anterior two and posterior three joints whitish; four purplish red stripes on each side, the lower somewhat broken; head mottled, but not heavily so; piliferous spots black, with short black hairs. Shape as usual with *Catocala* larvæ. Duration of this period unknown.

After 2nd Moult.—Length, .40 inch. Color, pale dull purplish rose in nine longitudinal stripes alternating with pale greenish white lines, the rose darker on the head and joint 2, shading into the pale rose on joint 3; the dorsal stripe a narrow line on joints 2 to 4, broken between the joints and narrow on the last three joints; stripe 2 (counting the dorsal one) contains the dorsal piliferous spots; stripe 3 without any piliferous spots; stripe 4 with the lateral piliferous spots; below this a broken and irregular stripe that contains the lowest piliferous spots. These stripes are of the double line kind, each edge darker than the middle, though there is little difference in any of them except the lowest or number 5, which has more or less of the greenish white in its centre. Piliferous spots black, conspicuous, the short hairs black; head reddish purple with mottlings of broken white lines. Duration of this period four days.

After 3rd Moult.—Length, .80 inch. Color, pale green, with seven dark reddish purple stripes on each side, composed of contiguous dots; head striped with purplish black and white; the dark on joint 2 black,