

MICRO-LEPIDOPTERA.

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LITHOCOLLETIS.

Sub-div. b, with an apical streak instead of spot.

* With a basal streak.

† With dorsal and costal streaks.

11.—*L. cratigella* Clem., loc. cit.

ALL of my specimens have a very pronounced though rather short white dorso-basal streak, which is sometimes continuous with a longitudinal median white streak upon the thorax, and in all of them the median basal streak is continuous with a white line across the anterior margin of the thorax, which is extended backwards over the tegulae. The dorso-basal streak and the markings of the thorax and tegulae are not mentioned by Dr. Clemens. But these thoracic markings are very variable in a great many species. In some specimens of some species no trace of them is visible; in others they are very faint; and in others they are pronounced and distinct.

The larva mines the leaves of the Apple, Wild Cherry (*Prunus serotina*), Haw (*Crataegus*) and Sweet-scented Crab (*Pyrus coronaria*), on the under side. It is of the first group, and the mine is tentiform. Dr. Clemens records of it, that it quits one mine to form another—in which it is singular.

There is considerable variation in the shades of coloring, some species being much more golden than others, and the same specimen varies in this respect with the light. AL. ex. $\frac{1}{16}$ to $\frac{1}{8}$ inch.

Common in Kentucky, and probably wherever in America its food plants are found.

Sub-div. c. No apical spot. Apex dusted.

* No basal streak.

† No fascia, but with dorsal and costal streaks.

12.—*L. nonfasciella* N. sp.

Face and palpi white, tuft white, mixed with pale golden; antennae white, each joint tipped with fuscous above; thorax and anterior wings