

GEOMETRID NOTES—TWO NEW HYDRIOMENAS.

BY L. W. SWETT, BOSTON, MASS.

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Hydriomena transfigurata, nov. sp.

Palpi moderate; expanse of wings 29–30 mm.

Colour of fore wings greenish gray, in faded specimens yellow or reddish mixed in with the green. Possibly there are red and yellow varieties in series. The fore wings are quite pointed, much more so than in *H. autumnalis*, and the hind wings are quite dark. Basal band in fore wing black, running diagonally from costa to inner margin, with a slight projection at R. The basal band is more regular than in *autumnalis*, and the space between is greenish gray, where in *autumnalis* it is clear gray. The mesial band of *transfigurata* is broader than in most species of *Hydriomena*, and the usually characteristic watery, irregular central band is almost lacking or can be just faintly discerned. The general colour of the entire mesial band is green, with scarcely any central band, or, if present, represented by a round spot or series of spots. Outer or intradiscal band quite regular, running diagonally, almost directly from costa to inner margin, which it strikes farther out than in *autumnalis*. There is also a tendency in almost every specimen for the intradiscal line to unite with the extradiscal at C₁ and C₂. Discal space greenish gray with linear discal line. The extradiscal line is irregular, and is farther in from the apex of the wing than in *autumnalis*. It has also a tendency to unite with the intradiscal line near the inner margin. Outer marginal space greenish gray, with a faint trace of a black, irregular, watery line, which is narrower than in *autumnalis*, and appears as a mere trace, where in *autumnalis* it is very striking.

Hind wings quite dark and smoky gray, the usual two dark lines hardly visible.

Beneath, the markings of the fore wings shows through faintly; general colour ash-gray, speckled with black atoms. On the hind wings only the extradiscal lines show, and these but faintly.

This is a very peculiar species, quite distinct from *autumnalis*. It resembles *californiata* Pack. closely in some respects, but differs in the time of its appearance, as well as in the markings.

My attention was first attracted to this species by a unique specimen from Newfoundland, taken by Mr. Owen Bryant in early August, which I could not associate with any other. Later, my friend, Mr. William Reiff,