

primaries with a rather faint marginal row of oblong spots, reaching neither the costa nor the inner angle, followed by a row of six large black spots almost joined to form a continuous band; the usual postmedian row of spots large, black, much excurved opposite the cell, and almost touching the submarginal row; a broad black dash in the cell and a series of three small subbasal spots. Secondaries with a marginal row of six black spots and a submarginal row of black dashes of which the two costal ones are heavy and round, the remainder being reduced and rather lunular in shape; between these two rows of spots a broad orange band fills the entire space from anal angle to vein 6; a bent postmedian row of prominent round black spots and a subbasal row of four similar spots with a black discal dash.

♀.—Pale brown above, with a broad orange band on secondaries, much as on the underside, and a more or less distinct row of marginal round spots; occasionally the inner margin of this band shows traces of blue scaling, which may also be found at base of primaries; underside as in the ♂.

Expanse 23 mm.

Types—Three ♂'s, S. Arizona (Poling); one ♂, Santa Rita Mts., Ariz.; one ♂, Rio Verdi Mts., Ariz.; three ♀'s, S. Arizona (Poling) in Coll. Barnes.

The species is closely allied to *enoptes* Bdv., but differs in the whiter ground colour of underside with broader orange band; the spots are also rather heavier and the blue of the upper side more violet in shade; the ♂ genitalia, while quite distinct, show a relationship to *enoptes* rather than to *bairdoides* Behr., which has totally different sexual organs. We expect to make a few notes at a later date on these much confused species, together with figures to illustrate the points of distinction.

#### HEMILEUCIDÆ.

##### *Hemileuca lucina latifascia*, subsp. nov.

Specimens from Manitoba, while agreeing with typical *lucina* from the New England States in the transparent appearance of the wings, have the pale banding very much broader, especially on the primaries, leaving only a narrow black border of equal width