

NOTES ON LIMENITIS PROSERPINA AND ARTHEMIS.

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Last fall I obtained a few eggs from a female *L. proserpina*, in Sept., while in the Catskills, and raised eight larvæ to hybernation, which took place after third moult. This spring I have carried four of these to maturity with the following results: The first chrysalis gave butterfly this morning (April 29th), a male *arthemis*. For some hours before the emergence the white band of *arthemis* was distinctly seen through the wing case. The second was but a few hours younger and during this afternoon has given *proserpina* male. I expected this, as here there was no white band on the wing case. The third and fourth produced *arthemis*, making three *arthemis* and one *proserpina*.

After hybernation the fourth and fifth moults took place. As *disippus* undergoes five moults in same way, I presume *ursula* will be found to, and that it is the rule for this genus, in this country at least. We know that *proserpina* is found flying with *arthemis* in the White Mountains and Catskills, and probably in the Adirondacks. But I have never seen it from Canada, though *arthemis* roams over British America from Nova Scotia to low down Mackenzie's River. Can you or can any of your readers tell me whether this form (*proserpina*) has been taken in Canada, or British America, and where, if at all? I wish to get the northern limits of the form, preparatory to illustrating the species in Butterflies N. A. I should be glad to receive letters on this matter from any one who can give the information I seek.

A NEW GENUS AND SPECIES OF GEOMETRÆ.

BY A. R. GROTE, BUFFALO, N. Y.

Meska Grote (n. g.)

This genus of *Geometræ* resembles *Tornos*; the fore wings are larger and with the apices more produced; the external margin is longer and more oblique. The hind wings are narrow and lanceolate, with the apices pointed and a little depressed; external margin straight or a little incurved. The female abdomen is like that of *Tornos*, and is thickly tufted at the