

northern Atlantic-species, not yet found in the United States, but extending from Anticosti and Southern Labrador to Lake Winnipeg and the Saskatchewan.

4. *N. LYGDAMUS* (*Polyommatus Lygdamus* Doubl. Entom.) I have never seen the female of this species, but the wings of the male are pale glistening pruinose blue above, with a narrow, distinct, black border; beneath, the species is peculiar for the large size of the ocellated spots, the clearness of the dark slate brown ground color little obscured by any dusting. It is a Southern Atlantic species, ranging through the sea-board States of the Union from the valley of the upper Susquehanna to Georgia.

5. *N. ORO*, nov. sp. This species has been referred in collections to the preceding species, with which it is no doubt closely allied, but from which it differs in several particulars. The upper surface of the wings of the male is almost entirely destitute of the pruinose bloom of *N. Lygdamus* and is of a much more delicate, tenderer blue, which permits all the spots of the under surface to be seen upon the upper side, a peculiarity shared with it by the following species only; the dark border of the wings is also narrower than in *N. Lygdamus*, but equally well defined though not so dark; the grayish white fringe of the hind wings is not in the least interrupted by blackish at the nervure tips, as it always is in *N. Lygdamus*. The upper surface of the wings of the female is mostly of the same blue as in the male, through which the spots of the under surface of at least the hind wings may be seen; the apical fifth or sixth of the fore wings is brown, generally merging gradually into the blue and never sharply defined from it; so the anterior portion of the hind wings is of the same brown as far as the subcostal nervure and its middle band, and a narrow line of brown follows the hind border; the apex of the cell is marked by a very narrow, sub-obsolete, transverse blackish bar. Beneath, the wings closely resemble those of the Californian *N. Antiacis*, but the extra mesial series of spots on the hind wings is more uniform, the distance between the second and third spots (from the costal border) being less than usual in this genus. I have only seen this species from Colorado.

6. *N. BEHRII* (*Lycæna Behrii* Edw.; *Lycæna Polyphemus* Boisd.) The upper surface of the wings of the male is of a blue, scarcely differing from that of *N. Oro*, but is not quite so delicate and is slightly darker, with all the veins slightly hoary and so more than usually distinct;