

list of those taken at Grinnell, Ia., 1870, in Am. Ent., 2, 175; also a recent list of butterflies of Illinois by Mr. C. E. Worthington, in Can. Ent. Manuscript lists of butterflies of Illinois and Nebraska have been in my possession for some years, made by Mr. G. M. Dodge. Prof. S. H. Peabody also wrote me of the occurrence of *Alope* in Wisconsin, and sent me examples so labelled, which were taken by him at Madison. I have written to the authors of these lists and had replies from each one, and in most cases examples of the butterflies called *Alope* were sent me. And in every instance what had passed as *Alope* was what I call *Nephele*, nearly always female, a little off type, in some cases considerably so, but never closely approaching the typical *Alope*. There has in no case been a *clear colored yellow band*, but always either a slight discoloration about the ocelli on fore wing, or a more or less hazy, ill-defined, obscure yellow area, such as appears frequently in the dimorphic belt in New York, and which there represents the intergrades between *Alope* and *Nephele*. In the west, *they are not intergrades, because there is no Alope to intergrade with, but what I should call examples of reversion*. I limit the name *Alope* to the typical form. These intergrades, or what would be so characterized in the dimorphic belt, are never found where *Alope* flies alone, or before it has entered the belt; but they appear in greater or less degree wherever *Nephele* flies, whether in Canada or Illinois and westward. Even in California, in *Boopis*, we find occasional examples of same character.

Dr. J. P. Hoy, of Racine, Wisconsin, writes thus: "*Nephele* is the most abundant butterfly on the prairies four miles west of Racine. I have taken many hundreds and never saw a single *Alope*. I took a number of *Alope* in Berkshire Co., Mass., some years ago, and they are all I have. The Wisconsin specimens correspond precisely with those in Ills. When Professors Kirtland and Baird visited me in 1859, we travelled over a considerable portion of the State, taking specimens of natural history. Prof. Kirtland was greatly interested in our species of *Satyrus*. He first thought it was *Alope*, but under a peculiar form. But when we found a lot of the larvæ he said it was not *Alope*. After, he wrote me that it was *Nephele*, Kirby. You may say that *Alope* is unknown in Wisconsin, and that the form *Nephele* is greatly abundant on the prairies, the most common species in midsummer."

I asked Mr. Putnam whether he had ever seen a typical *Alope* in Iowa, and he replied that he never had, adding: "those which I considered *Alope* in my list are probably intergrades"; and the examples which Mr.