

forms of Lepidoptera quite different in appearance, upon insufficient evidence. I have formerly pointed out that Entomologists are naturally divided into two camps: the "lumpers" and the "splitters." For my part I do not at all object to present species being thrown together as varieties, *provided the evidence is complete that they are inter-dependent forms*. What I object to is the hasty manner in which the most of the *lumping* is accomplished in some recent articles, such as Dr. Hagen's on *Papilio* and Mr. Hulst's on *Arctia*. Really if this sort of thing is to go on, we had better stop studying species altogether, considering all the various forms belonging to any one genus as mere varieties of each other, and dispense with naming them. But, since progress is indisputable in all matters, I fancy that in most cases this lumping mania is only the result of the discovery of the extreme variability of certain species and the jumping at the conclusion that it is so with certain other species as to which the necessary proof is as yet wanting. Certain forms described as species of *Arctia* are shown to be varieties, and Mr. Hulst is not satisfied but that *A. Persephone* must be a yellow *A. Virgo* or *A. Saundersii*. It has been one of the beliefs of the Brooklyn Entomologists that *Persephone* was a var. of *Virgo*, because my old friend Mr. Graef had a *Virgo* with yellow secondaries in his collection. The two cases in which I disagree with Mr. Neumoegen's list of the species of *Arctia* are as follows:

ARCTIA MICHABO Gr.

This is set down as an aberration of *A. Arge*, which in my opinion is a mistake. At the time I described *A. Michabo*, all authors had followed Dr. Harris in considering *A. Dione* and *A. Arge* as simple synonyms. No one knew of a second species allied to our Northern *A. Arge*, to be separated as a Southern form under the name of *Dione* Ab. & Sm. Therefore it is possible that my species, described very fully in the CANADIAN ENTOMOLOGIST, vol. vii., p. 196, is = this *Dione*, which Mr. Neumoegen now asserts to be different from *Arge*. I cannot compare Abbot & Smith at present. But my *Michabo* is from Nebraska, where Mr. Dodge has reared it and found it entirely different from *Arge*, in a series of specimens. When I read Mr. Neumoegen's paper I at once remembered that I gave him the specimen described by me as a variety or aberration of *Arge* in the same paper above cited, and collected by Mr. Robinson at Brewsters. This is an *undoubted* aberration of *Arge*, and it occurred to me that Mr. Neumoegen has mistaken this aberration of *Arge* for my