

*Alope* and the rest there are two ocelli, not always complete or equal, and occasionally one is suppressed. When this happens *it is always the lower one*, which is wanting in *Pegala*. There is a tendency to variation in the number of these ocelli, a second one sometimes appearing in *Pegala*, but a third one sometimes in *Alope*, and in the last named species and the rest of its sub-group, there are not unfrequently one or two small spots on the fore wings, as of incipient ocelli. The single ocellus invariably seen at anal angle in *Pegala* is often wanting or incomplete in the other forms; and the six ocelli of under hind wing, almost invariably present (but sometimes six on one wing, five on the other—never less, so far as observed), vary from six to nil in all the others.

The fact that the area now occupied by *Pegala* is so restricted shows that the present conditions are not favorable to it. One can understand that in former times, since these Satyrids had possession, the conditions geologic and climatic may have been quite different from what they now are, and that *Pegala* may have occupied a much enlarged area, while *Alope* inhabited parts of the same, or indeed originated with *Pegala*, precisely as *Nephele* has originated with *Alope*. In this last case there would have been a series of intergrades between *Pegala* and *Alope*, caused by the interbreeding of the variety and the parent form.

If in the northern belt the conditions were to become unsuited to the support of any *Satyrus*, and the forms which now occupy it were suddenly to become extinct, we should have to the south *Alope*, and to the north *Nephele*, two good species. The intergrades would have wholly disappeared, or there would be a wide gap in the series, and nothing would be left to show how one form could have originated with the other. *Alope* and *Nephele* would then occupy a position similar to that of *Pegala* and *Alope* now. What might happen by some sudden change of conditions might also happen gradually and come to the same end. If a certain variety, *Alope*, thrown off by *Pegala*, flourished in its larval state on meadow grasses rather than coarse saw grass or sea-side grass, then its tendency would be towards the country which produced the former, and there would be a movement to the north and north-west. At the same time there would be a withdrawing of the parent form from the borders of the original territory, because there the food plant was not in perfection, and so a belt would come to intervene between the parent and the variety. The former would flourish where its food plant flourished, which in this case would be the sea-board. The intergrades which had arisen from