

*are all brought together under the same generic name without heterogeneous intermixture."*

To determine whether homogeneous groups were the rule or the exception, I made an analysis of the Verzeichniss from the beginning as far as the Astyci (Hesperiidae), looking out every species and noting its place in Kirby, and this is the result. There is occasionally a coitus co-extensive with the limits of a modern genus, but in all cases solely by reason of some strong peculiarity of color or shape; as *Chrysophanus*, which includes the coppers, and is equivalent to Doubleday's genus of same name. But out of 255 coitus preceding the Hesperidae there are but 35 such, and of these, 13 have but one species each, 6 have two and 6 have three; *so that 25 of the 35 coitus contain but 3 species or less.* Many other coitus are homogeneous, but of this class the species under two, three or several are lumped together by Kirby in one genus, *so that such coitus are plainly regarded as equivalent to something less than genera, and the remaining coitus, 106 of the 255, are made up of species assigned by Kirby not only to distinct genera, but of sub-families and families.* For example, 1st Stirps, 2nd family, 4th coitus, *Eueides*, under which stand 7 species. In Kirby 1 goes to *Eueides* Hüb., 2 to *Lycorea* Doub., 2 to *Melineae* Hüb., and 1 to *Tithorea* Doub.

Or 5th coitus, *Melineae*, 5 species, 1 to same, Hüb., 3 to *Heliconius* Latr., 1 to *Tithorea* Doub.

Or 3rd family, 1st coitus, 10 species, 2 to *Eueides* Hüb., and 8 to *Heliconius* Latr.

And so *Heliconius* picks species at random from the 2nd family, 3rd and 5th coitus, and from 3rd family, 1st, 2nd, 3rd and 4th coitus, and from 4th family, 1st and 2nd coitus. And *Eueides* from 2nd family 4th coitus, 3rd family 1st coitus.

Or 2nd Stirps, *Limnades*, which comprises the *Danaidae*, 3rd family, 4th coitus *Didonis*, 2 species only, one of which stands in Kirby as *Didonis* Hüb., the 56th genus of the 8th sub-family *Nymphalinae*, the other as *Elymnias* Hüb., 1st genus of 3rd sub-family *Elymninae*. Now the coitus *Elymnias* stands in the 6th Stirps, *Hamadryades*, 4th family 5th coitus, *directly among the Vanessans, the species Antiopa being in the coitus next preceding, and Prorsa in the one next following!*

Under the head of *Euploea* stand 7 species, 6 of which are put by Kirby into *Danais* Latr. and one in *Hypolimnas* Hüb., and by a curious swap, the species which Hübner put into three other coitus are lumped