

collections are increased throughout the country. Without doubt, when we shall be thoroughly conversant with the immature stages, our knowledge of the species will be more perfect. Our collections containing only the perfect stages, the forms are clearly recognizable. Mr. Grote has recently arranged the species of this group in the Collection of the Buffalo Society of Natural Sciences as follows, and a species named for the first time is contained therein. The following classification contains our North American species, one of which (*sappho*) is unknown to me.

Gen. *Catocala* Schrank.

Group I, *Mormonia* Hübner.

Sub-group I (fringe of secondaries white).

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|----------------------------------|----------------------------------|
| 1. <i>C. epione</i> Drury.       | 8. <i>C. relecta</i> Grote.      |
| 2. <i>C. lacrymosa</i> Guen.     | 9. <i>C. flebilis</i> Grote.     |
| 3. <i>C. sappho</i> Strecker.    | 10. <i>C. ulalume</i> Strecker.  |
| 4. <i>C. subviridis</i> Harvey.  | 11. <i>C. Robinsonii</i> Grote.  |
| 5. <i>C. agrippina</i> Strecker. | 12. <i>C. obscura</i> Strecker.  |
| 6. <i>C. viduata</i> Guen.       | 13. <i>C. simulatilis</i> Grote. |
| 7. <i>C. desperata</i> Guen.     |                                  |

Sub-group II (fringe of secondaries blackish).

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|---------------------------------|----------------------------------|
| 14. <i>C. Levettei</i> Grote.   | 17. <i>C. insolabilis</i> Guen.  |
| Syn. <i>C. judith</i> Strecker. |                                  |
| 15. <i>C. Angusi</i> Grote.     | 18. <i>C. tristis</i> W. H. Edw. |
| 16. <i>C. residua</i> Grote.    |                                  |

It would seem best to follow this arrangement of the species. In the second sub-group the apices of secondaries are not touched with white or scarcely so in *Levettei*. In *tristis* the white apical patch is quite evident.

*C. subviridis*, n. s.

♂. Allied to *agrippina*. Differing by the fore wings being shaded with dark silky green. Lines black, evident, accompanied by white scales, evident on internal margin. The brown shades of *agrippina* are wanting. Sub-reniform, detached, small; subterminal line white and rather evident. Beneath like *agrippina*, but the white bands are narrower.

Expanse  $3\frac{1}{8}$  inch. Habitat, Dallas Co., Texas, Boll Coll. One specimen. Possibly figured as a var. of *agrippina* by Strecker.