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CATOCALA NOTES.

BY G. H. FRENCH, CARBONDALE, ILL.

C. SAPPHO, Strecker.—Last season five specimens of this rare species were taken near here, and it was found about ten miles further north than before. It is as constant in its markings as any species.

C. RETECTA, Grote.—Both the pale and the dark forms of this species were taken last year, with intergrades. I should probably have taken them this season, but I was away from home at the time they were flying. In the woods the habits of the two forms are alike.

C. FLEBILIS, Grote.—This species is pretty constant here, the ground color being rather dark bluish gray, with the blackish longitudinal shade. A specimen in my cabinet from Pennsylvania that I received for *Flebilis* seems to be a stunted form of *Desperata*.

C. TRISTIS, Edw.—This beautiful little species has been found near here for three seasons.

C. RELICTA, Walk.—Through the kindness of Mr. James Behrens my cabinet contains a specimen of this species taken at Portland, Oregon, one of two captured August 22, 1885. It does not differ materially from our eastern forms, being intermediate between vars. *Bianca* and *Phrynica*. This is the first record I have seen of it further west than Illinois and Wisconsin.

C. WALSHII, Edw.—From the material that I have seen, it would seem to me that this ought to be far enough removed from *Junctura* to be at least a variety. The ground color is pretty uniform, and is nearly the same as that of *Nebraska*.

C. ADOPTIVA, Grote, *Delilah*, Strecker.—Has been taken near here twice, a single example each time; and *C. Consorts* once.

C. PALAEOGAMA, Guen.—Singular freaks in insect life are illustrated in this species. Some seven years ago fifty of these could be taken in the woods in a single afternoon. Since that season scarcely one could be