

described in some degree above, the greatest change occurring at the fourth moult.

Boisduval, in *Lep. de l'Amer.*, gives a Plate of *Caesonia*, with larva and pupa, copied from one of Abbot's unpublished sheets. This larva is roughly done, but shows the phase which has a yellow and a black stripe on each segment. The text says the larva feeds on many kinds of *Trifolium* and *Glycine*, and also *Tagetes papposa*.

In the latter part of the summer and in the fall the females of this species are apt to be more or less suffused with rose-pink on under side of hind wing, and about apex of fore wing, and occasionally the male shows something of this at base of hind wing, and around the margins of both wings. Mr. Rowley writes: "The females with red under the wings do not occur at all in the early summer broods. I took scores of butterflies this season in late April, all through May, June and July, and discovered not a streak on one of them. The first examples with red were taken in August. In September they were more numerous, while nearly every female of late October and November were either heavily streaked or solidly red below. I have yet to see a red under-wing of earlier date than August. The feature is surely a seasonal one."

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## NOTES ON THE GENUS COLIAS.

BY H. H. LYMAN, M. A., MONTREAL.

The discovery by Mr. W. H. Edwards that *Colias Hagenii* is only a form of *C. Eurytheme*, as detailed in the CANADIAN ENTOMOLOGIST for September, while very interesting in itself, serves also to show that this genus is still in a very unsatisfactory state. That a form which so closely resembles *Philodice* that nine entomologists out of ten would take it for that species, should turn out to be a variety of *Eurytheme*, emphasizes Dr. Hagen's statement "that reliable differences between these two well known forms are still a want." Mr. Edwards has also come to the conclusion that *Hagenii* is the same as the form previously named *C. Eriphyle* by him, as detailed in the November number of the CANADIAN ENTOMOLOGIST. A glance at the history of this form will be found interesting.