

## FURTHER NOTES ON THE RHOPALOCERA OF SANTA CLARA COUNTY, CALIFORNIA.

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The following additions and corrections are supplementary to my list of the diurnal Lepidoptera of this county.\* A few notes had been overlooked, and the additions to the skippers have been made through the naming of a small collection by Dr. Skinner. The hysterical state of confusion in the *Hesperidæ* makes it quite impossible for a western collector to name his specimens correctly unless he has a large collection and library.

## Pieridæ.

*Pontia occidentalis*, Reakirt.—Mr. A. F. Porter (Entom. News, Oct., '08) records this species from Decorah, Iowa. I have gone over a number of specimens from this locality, and I can hardly see why it should be differentiated from *protodice*, Boisd., which also occurs here. I hope to be able to breed *protodice* this coming season, and ascertain the relationship between the two. The listing of *Zerene eurydice*, Boisd., from Iowa by Mr. Porter is a *lapsus calami*.

*Euchloe sara*, Boisd.—On page 425 I stated that it was quite probable that *sara* had, besides *Brassica*, another food-plant on which the larva feed in the higher hills, where mustard is not everywhere met with. Late last June, while on a collecting trip in the Santa Cruz Mountains, I found *sara* to be quite common, and after considerable searching I discovered many eggs and young larvæ on *Sisymbrium officinale*, the common hedge mustard, on which I later observed a female ovipositing.

## Lycænidæ.

*Cyaniris ladon piasus*, Boisd.—I find I overlooked the fact that Mr. W. G. Wright, in the CAN. ENTOM., Vol. XX, p. 97, 1888, briefly recorded the life-history of *piasus*, the larva and pupa of which I recently described.† Mr. Wright gives as the food-plant at San Bernardino the flower buds of *Adenostoma fasciculatum* (Rosaceæ). Prof. Kellogg, illustrating the chapter on "Colour Patterns and their Uses," in his AMERICAN INSECTS, gives three figures in colour of the larva of *piasus* on its food-plant, *Æsculus Californicus*. The illustrations are given under the title of "*Larvæ of Lycæna sp.*," but in the later edition I find this is changed to "*Larvæ of Lycæna ladon piasus*, Boisd." The following is quoted from the text: "An interesting example of colour harmony, which may be

\*CAN. ENT., November, 1908, Vol. XL, p. 425.

†CAN. ENT., October, 1908, Vol. XL, p. 347.