

to a point at posterior angle; the rest of wing ochreous white. Hind wings black. Body black, a white line from antennæ back over patagia; sides of anterior and middle femora and sides of anterior tibiæ red, as in the other varieties.

One ♂ from California.

Var. 5, *Occidentalis*, French (Fig. 16). Fore-wings black, a whitish basal dash and three blurred whitish spots in bands 2 and 3. Hind wings black, marked with orange as shown in the figure. Under side, fore-wings orange, a narrow terminal black border, black along the posterior margin, veins narrowly black. Hind wings black with



FIG. 16.

an orange terminal and subterminal band, both united by a broad ray that passes through the cell to outer margin. Stripe on side of abdomen orange.

One ♀ from Northern California.

Var. 6, *Latifasciata*, Butler. (Fig. 17, hind wings with the band *crimson*). Fore-wings black, with three small white spots on bands 2 and 3. Hind wings black, with the median band crimson. My specimen has this band a little more irregular than the figure. Under side, fore-wings with extreme base and terminal third black, the rest crimson, whitish along the edge of the red. Hind wings with the red of the upper surface repeated.



FIG. 17.

One ♂ from Southern California.



FIG. 18.

Var. 7, *Fulvofasciata*, Butler. (Fig. 17, hind wings with the band *yellow*). This is the counterpart of Var. 6, except that the band of the hind wings is pale yellow instead of crimson. My examples show a tendency to a fine pale ray or two from the base of the hind wings towards the yellow bands, while Mr. Wright's specimen does not show this tendency.

Three ♂'s, two from Truckee, Cal., the other from California, but part of State not indicated.

Var. 8, *Californiæ*, Walker (Typical). (Fig. 18, the light parts of