

The Canadian Entomologist.

VOL. XXII.

LONDON, FEBRUARY, 1890.

No. 2.

DESCRIPTION OF A NEW SPECIES OF MELITÆA FROM SOUTHERN CALIFORNIA.

BY W. H. EDWARDS, COALBURGH, W. VA.

MELITÆA AUGUSTA.

Male.—Expands from 1.6 to 1.75 inch; belongs to *Chalcedon* group, but is as conspicuously red as the species *Chalcedon* is black; upper side black, the surface nearly covered with light red and pale yellow spots, disposed as in the group: the basal areas dusted with yellow scales, which, on primaries, extend along both margins; costa of same wing edged red; both hind margins bordered by small red spots, varying in shape, sometimes narrow and as of a broken stripe, sometimes more or less rounded or ovate; the spots of second row are small, lunular, largest on secondaries, edged with red, the interior being yellow, or they are nearly all red with a small yellow patch in middle; sometimes this yellow is thinly washed red; the third row on primaries is either wholly yellow, or yellow with red edges, particularly on the outer side; on secondaries wholly red, and often very deep, so as to make a conspicuous broad band; the fourth row on primaries is red, sometimes with the spots next the two margins either yellow or in part yellow; around the end of cell yellow spots four or five in number; in the cell spots of red and yellow alternately, four in all, the yellow one at base more or less stained red; two yellow spots below cell with black ground between, and nearer base a small duplex red one; the fourth row on secondaries is yellow, either of small spots or pretty large ones, and the three or four from costal margin are red on their outer sides; a red stripe outside the cell from the end to costal margin; two small yellow spots inside cell, with a red one between them and a yellow spot below; fringes yellow, black at the tips of the nervules. Some examples have scarcely any yellow, the yellow having been replaced by red, or tinted red.

Under side of primaries red, the yellow spots repeated, enlarged, and