

The Canadian Entomologist.

VOL. XX.

LONDON, MAY, 1888.

No. 5

DESCRIPTIONS OF TWO NEW SPECIES OF MELITAEAS BELONGING TO NORTH AMERICA.

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

I. M. BRUCEI.

MALE.—Expands from 1.5 to 1.7 inch. Upper side brown-black, marked with spots of red and yellow in transverse bands ; there are three well marked varieties, in one of which red predominates, som. times almost to the exclusion of yellow ; in another red and yellow, much as in other allied species ; on the third much yellow, very little red ; in all the spots are small, so that the black surface is more exposed than in many species.

1. The red form. The spots dull ; the common marginal row wholly red, the submarginal row sometimes red on primaries, sometimes red partly replaced by yellow, and secondaries always red and yellow ; the third row is red and yellow on primaries, red on secondaries, the fourth row just the reverse of this ; at end of cell on primaries a short red and yellow band, in the cell four spots, red and yellow alternately, from the arc, the yellow ones very small ; on secondaries, a red stripe along upper side of cell, two small yellow spots in cell ; fringes black at ends of the nervules, yellow in the interspaces.

2. The spots of the second row red and yellow on primaries, yellow on secondaries, of the third yellow on primaries, red on secondaries ; of the fourth red and yellow on primaries, yellow on secondaries ; the two next costa sometimes red on the posterior side ; the yellow spots in cell of primaries large, and a large yellow patch below cell.

3. Nearly all spots yellow ; the marginal red ; no other red on secondaries, or a mere trace of it indicating the spots of the third row, which are otherwise suppressed ; the submarginal row of primaries represented by a few scales only, as are also the spots in cell.

On the under side all these forms agree ; primaries dull red, almost without black ; the marginal spots a deeper red, the next two rows yellow ;