

P. tharos group. Wings above more or less mottled with fulvous spots.

5. *Phyciodes tharos*.

Papilio tharos, Drury, Ill. Nat. Hist. i. p. 43, t. 21. ff. 5, 6¹.

Melitæa tharos, Strecker, Cat. Butt. N. Am. p. 120².

Phyciodes tharos, W. H. Edw. Butt. N. Am. *Phyciodes*, t. 1, 2³.

Alis fuscis, maculis fulvis (marginibus exceptis) notatis; subtus fulvis, posticis magis ochraceis fusco præcipue ad marginem externum variegatis.

Hab. NORTH AMERICA generally, east of the Rocky Mountains², New York¹, Texas³.
—MEXICO.

We have one specimen of this species from Mexico, which was formerly in Mr. Bates's collection, and is, though rather dark on the upperside, much like the form of *P. tharos* represented by *P. morpheus*.

We have no other record of the species within our limits, though it occurs on the north-eastern frontier in Texas.

Mr. W. H. Edwards's observations on the development of this species and the influence of temperature on the developing imago are worthy of careful study in connexion with the members of this genus. We should not be surprised to find that some unexpected relationship between some of the insects now supposed to be distinct species would be revealed were similar observations made upon them. This of course can only be done by a naturalist resident in the country where they live.

6. *Phyciodes picta*. (Tab. XXI. figg. 4, 5.)

Phyciodes picta, W. H. Edw. Proc. Ent. Soc. Phil. iv. p. 201¹.

Melitæa picta, Strecker, Lep. Rhop.-Het. p. 65, t. 8. f. 10².

Alis fuscis, maculis fulvis et flavidis notatis fere ut in *P. phaonte*; subtus flavis, anticis maculis paucis notatis, posticis fere immaculatis.

Hab. NORTH AMERICA, Nebraska, Colorado, Arizona^{1 2}.—MEXICO².

We are indebted to Mr. Strecker for a Mexican specimen (which we figure) of this species, by no means a common one in the South-western States of America, where it was originally discovered.

The nearly pure yellow secondaries beneath is a characteristic feature of this species.

7. *Phyciodes orseis*.

Phyciodes orseis, W. H. Edw. Trans. Am. Ent. Soc. iii. p. 206¹.

Melitæa pratensis, var. *orseis*, Strecker, Cat. Butt. N. Am. p. 121².

Alis fuscis, fulvo maculatis, posticis fascia fulva submarginali notatis: subtus anticis ad basin fulvis ochraceo indistincte notatis, ad marginem externum fusco variegatis et maculis argenteis apicalibus ornatis; posticis rufescente fusco variegatis, maculis ad basin, una ad medium marginis externi et linea transversa bicurvata ultra cellulam argenteis.

♀. Mari similis, posticis magis fulvo ornatis.