

of *alma*, that "only one male and one female known." Dr. Barnes, Ent. News, p. 329, 1900, writes that "examples from Durango, Colo., do not differ from those taken in Utah and Arizona."

*Melitæa fulvia* Edwards.—Originally published in the Trans. Amer. Ent. Soc., Vol. III, p. 191, 1879, and is known to occur in Texas, New Mexico and Colorado. Holland, Pl. XVI, fig. 17, gives a good representation of the ♂, but no reference is made to *fulvia* in the text. Dr. Skinner, Suppl. Cat., p. 9, 1904, remarks that "*fulvia* and *alma* are probably identical." This is certainly correct. Dr. Dyar, Bu. 52, U. S. Nat. Mus., makes *fulvia* a synonym of *theona* Menetries, but to which it bears little affinity, *theona* being identical with *thekla* Edwards (= *bollii* Edwards), and has priority. I have seen in the collection of Mr. Victor L. Clemence quite an extensive series of *alma*, taken in the Chiricahua Mountains of Cochise County, Arizona, and during the past season I took a few specimens in the Huachuca Mountains of the same county. Great variation is displayed as to the coloration, in some the ground colour being bright fulvous, and from this it varies to black. Strecker's types were unfortunately of the fulvous type.

*Melitæa cyneas* Godman and Salvin.—Biol. Cent. Amer., Rhop., Vol. I, p. 191, 1882. Described from Oaxaca, Mexico, and in the supplement, p. 677, 1900, Vol. 2, is reported further from Durango City, Pinal, Puebla, and from Pinos Altos, in Chihuahua. The authors remark that "this species and the next belong to a group of *Phyciodes*, represented in North America by *P. leanira* (Feld.) and by *P. fulvia* (Edw.), one of the distinguishing characters of which is a dark band across the secondaries, in which is a series of yellow spots." The figures of *cyneas* on Pl. XXI, figs. 10, 11, show that it is absolutely identical with *alma*. *M. cynisca* Godman and Salvin is also very probably another synonym of *alma*. Dr. Skinner, Suppl. Cat., p. 9, 1904, lists *cyneas* from Arizona, and Wright figures a female from the Huachuca Mountains.

The present synonymy is then as follows.

*Melitæa alma* Strecker.

syn. *fulvia* Edwards.

*cyneas* Godman and Salvin.

Dist.—California, Arizona, Utah, New Mexico, Colorado and Mexico.

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