

*P. ardys* group. Bands of secondaries broken into spots in the male, evanescent or absent.

27. **Phyciodes ardys.** (Tab. XXII. figg. 3, 4 ♂, 5 ♀.)

*Eresia ardys*, Hew. Ex. Butt., *Eresia*, t. 5. f. 35, 36<sup>1</sup>.

*Phyciodes ardys*, Butl. & Druce, P. Z. S. 1874, p. 348<sup>2</sup>.

Alis fuscis, anticis fere ut in *P. texana* flavido maculatis, posticis fasciis tribus submarginalibus notatis, intima in maculis fracta, externa lunulosa; subtus anticis sicut in *P. ptolyca*, posticis ferrugineis fusco irregulariter marmoratis.

*Hab.* MEXICO<sup>1</sup>, Cordova (*Rümeli*); COSTA RICA (*Van Patten*<sup>2</sup>), Cache, San Francisco, and Irazu (*Rogers*).

Originally described from Mexican specimens<sup>1</sup>, where it is not uncommon. In Guatemala it has not yet been noticed, its place being probably taken by *P. subota*. In Costa Rica it is quite abundant at elevations varying from 2000 to 4000 feet.

Two specimens from Mexico vary considerably from the ordinary type; the spots of the upper surface are white, without any tinge of yellow; beneath they are paler, and have the markings of the secondaries distinct and not suffused, as usual in *P. ardys*. With so few specimens of this form before us, we hardly think it expedient to describe them under another name.

Our figure is taken from a male captured by Herr Höge at Cordova, Mexico.

28. **Phyciodes hermas.**

*Eresia hermas*, Hew. Ex. Butt., *Eresia*, t. 5. f. 32<sup>1</sup>.

*Melitæa hermas*, Strecker, Cat. Butt. N. Am. p. 119<sup>2</sup>.

*Eresia genigueh*, Reak. Proc. Ent. Soc. Phil. v. p. 225<sup>3</sup>.

*P. ardys* valde similis, sed maculis alarum paginae superioris albis et subtus multo pallidioribus et maculis magis distinctis forsan distinguendus.

*Hab.* MEXICO<sup>2</sup>, Cordova (*Rümeli*).

Hewitson originally described this insect from specimens in the British Museum<sup>1</sup>, but gave no locality for it. We have since received two specimens from Mexico and seen others. Reakirt gives Los Angeles in California as the origin of the type of his *E. genigueh*; but this statement requires confirmation. According to Mr. Strecker, this name is a synonym of *P. hermas*.

29. **Phyciodes subota.** (Tab. XXII. figg. 7, 8.)

*Phyciodes subota*, Godm. & Salv. P. Z. S. 1878, p. 268<sup>1</sup>.

*P. ardys* affinis, sed lineis posticarum submarginalibus fere obsoletis, alarum basi unicolori fusco-nigra; subtus posticis purpureo-cinereo nec ferrugineo lavatis.

*Hab.* GUATEMALA, Polochic valley (*F. D. G. & O. S.*<sup>1</sup>, *Hague*), Purula, Panima, and Sinanja (*Champion*); COSTA RICA, Irazu (*Rogers*<sup>1</sup>).

A species on the upperside very similar to *P. ardys*; but the narrow submarginal