

It is a singular fact also that *P. huntera*, and not *P. cardui*, is the common "Painted Lady" of the Canary Islands.

#### 4. *Pyrameis carye*.

*Hamadryas decora carye*, Hübn. Samml. ex. Schm. i. t. 45<sup>1</sup>.

*Vanessa charie*, Blanch. in Gay's Faun. Chil. vii. p. 26; Atl. Lep. t. 2. f. 5<sup>2</sup>.

*Pyrameis carye*, Strecker, Butt. N. Am. p. 138<sup>3</sup>.

*P. cardui* similis, sed macula anticarum ultra cellulam semper fulva nec alba; subtus posticis obscurioribus et ocellis paginæ superioris vix indicatis.

Hab. NORTH AMERICA, California, Nevada, Arizona<sup>3</sup>.—MEXICO, Jalapa (*Höge*), Oaxaca (*Fenochio*); GUATEMALA, Dueñas and Los Altos (*F. D. G. & O. S.*).—ECUADOR; PERU; CHILI<sup>2</sup>; ARGENTINE REPUBLIC.

Closely allied to *P. cardui*, but differs in being of a much brighter colour on the upperside, in having the transverse spot beyond the cell on the costa tawny instead of white. The apical submarginal spot on the secondaries is obsolete; the remaining four have blue pupils; and the underside is likewise of a duller colour.

Our examples of this species show that its range extends from California to the Argentine Republic.

#### 5. *Pyrameis atlanta*.

*Papilio atlanta*, Linn. Syst. Nat. i. p. 779<sup>1</sup>.

*Vanessa atlanta*, Staud. Cat. Lep. Eur. p. 17<sup>2</sup>.

*Pyrameis atlanta*, Strecker, Butt. N. Am. p. 135<sup>3</sup>.

Alis nigris, anticis macula ultra cellulam venis divisa et quinque aliis ad apicis marginem albis, fascia transversa a costa ad angulum analem coccineo-rufa, posticarum margine externo eodem colore maculas albas includente; subtus alis fuscis, anticis inter maculas paginæ superioris cœruleo notatis; posticis nigro marmoratis, margine externo cinerascente.

Hab. NORTH AMERICA, except polar regions<sup>3</sup>.—MEXICO, Orizaba (*Sallé*), Cordova (*Rümeli*); GUATEMALA, Dueñas, Los Altos (*F. D. G. & O. S.*).—HAITI; EUROPE generally, except polar regions<sup>2</sup>; AZORES.

Found in the highlands of Mexico and Guatemala, but not very abundant. Specimens from these countries do not differ from those from Europe. It has a close ally in India in *P. callirhoe*, and is also represented in Java, Australia, New Zealand, and the Sandwich Islands by kindred species.

#### JUNONIA.

*Junonia*, Hübner, Verz. bek. Schm. p. 34 (1816); Doubleday, Gen. Diurn. Lep. p. 206.

The American representatives of this genus are limited to two closely allied species which are spread over the greater part of South America, Central America, and the