

Alis anticis nigris, maculis duodecim flavis in dimidio apicali irregulariter positus, regione venæ medianæ fulvo notata; posticis ferrugineis nigro-marginatis, striaque transversa ab angulo apicali marginem internum versus transeunte nigra, ciliis alarum albo maculatis: subtus ut supra sed dilutius, alis marginibus maculis duplicibus albis notatis; antennis nigris; prothorace rufo.

Hab. MEXICO (*Sallé*); GUATEMALA, Dueñas (*F. D. G. & O. S.*¹), Polochic valley (*Hague*).

This species seems restricted in its range to Southern Mexico and Guatemala, its place being taken by *T. pinthias* in the more southern parts of Central America. Though not common at Dueñas, where we first met with it, it would appear to be abundant in the valley of the Polochic in Vera Paz, whence Mr. Hague has sent us many specimens. It has a considerable range in altitude, as we took specimens in the woods near Dueñas as high as 5000 feet above the sea.

Our figure is taken from one of the types (female) caught near Dueñas.

2. *Tithorea pinthias*. (Tab. II. fig. 8.)

Tithorea tarricina, Bates, P. Z. S. 1863, p. 243 (nec Hew.)¹.

Tithorea duenna, Butl. & Druce, P. Z. S. 1874, p. 335 (nec Bates)².

Tithorea pinthias, Godm. & Salv. Ann. & Mag. Nat. Hist. ser. 5, ii. p. 259³.

T. duennæ affinis, sed alarum anticarum stria longitudinali fulva et posticarum stria transversa nigra caret; prothorace nigro nec rufo quoque distinguenda.

Hab. NICARAGUA, Chontales (*Belt*²); COSTA RICA (*Van Patten*²), Caché (*Rogers*³); PANAMA, Chiriqui (*Ribbe*), Calobre (*Arcé*³), Lion Hill (*M^cLeannan*¹).

This form entirely replaces *T. duenna* in Central America between Nicaragua and Panama, being common everywhere, except perhaps at Panama, whence but few examples have reached us.

Both *T. pinthias* and *T. duenna* belong to a small group of *Tithorea* consisting of four species, *T. tarricina* and *T. hecalesina* being the other two. The latter are found in Colombia, and are distinguished by the extent of yellow shown on the secondary wings, *T. hecalesina* having a large amount of this colour. At least three species of *Heliconius* have the pattern of three corresponding species of *Tithorea* of this group. *Heliconius octavia* is found with *Tithorea duenna* in Guatemala, *H. formosus* with *T. pinthias* in Costa Rica and the countries adjoining, and *H. hecalesia* with *T. hecalesina* in Colombia. The peculiarities of each *Tithorea* are shown by each *Heliconius* in the respective countries in which they are found with great precision.

The specimen figured is a female from Calobre, Panama.

3. *Tithorea helicaon*, n. sp.

Tithorea irene, Butl. & Druce, P. Z. S. 1874, p. 335 (nec Drury)¹.

I. irenæ affinis, sed alis anticis maculis flavis majoribus, cellula anticarum ad basin et regione venæ medianæ