

angulo anali producto fulvis, margine externo fusco-nigro lunulas quatuor flavas continente; subtus alis ochraceo-fulvis, undique marmoratis.

♀ mari similis, sed major.

*Hab.* MEXICO, Cordova (*Rümeli*); GUATEMALA, San Gerónimo, Polochic valley (*F. D. G. & O. S.*); Senahu, Cahabon, Cubilguitz, Panima, Las Mercedes, and San Isidro (*Champion*); NICARAGUA, Chontales (*Belt, Janson*); COSTA RICA (*Van Patten*).—ECUADOR<sup>1</sup>.

The type of *P. cecrops* is said to have come from Guayaquil in Western Ecuador, but we have never seen an authentic specimen from further south than Costa Rica. The figure given in the 'Genera of Diurnal Lepidoptera' fairly represents the Central-American insect, except that the latter has the marks in the apical part of the primaries of a purer yellow. The characteristic yellow apex is, however, shown, though rather more tawny in tint.

*P. cecrops* is very closely allied to the next species, and the only tangible difference is in the apex of the primaries being yellow, instead of a band of yellow spots running more or less parallel to the outer margin.

## 2. *Protogonius tithoreides*.

*Protogonius tithoreides*, Butl. P. Z. S. 1873, p. 774<sup>1</sup>.

*P. cecropi* persimilis, sed anticarum apice haud flavo et maculis sex submarginalibus flavis notatis, prima, quinta et sexta maximis; fascia quoque fulva extus flavo limbata, distinguenda.

*Hab.* PANAMA, Volcan de Chiriqui, Bugaba and David (*Champion*), Calobre (*Arcé*), Lion Hill Station (*M. Leannan*).—COLOMBIA<sup>1</sup>; VENEZUELA.

This species can be distinguished from *P. cecrops* by a slight character which seems constant. The primaries have a band of yellow spots more or less parallel to the outer margin instead of the apex alone being yellow. That it should bear this name bestowed upon it by Mr. Butler seems certain, but whether it can be always distinguished from other forms of *P. hippona* is perhaps doubtful. We have a large series of *Protogonius*, and we feel convinced that this is one of those cases where the larger the series examined the greater will be the difficulty in defining the races into which a smaller series seems divisible.

*Protogonius tithoreides* is abundant in the State of Panama, from the district of Chiriqui to the line of railway. In Costa Rica it is replaced by *P. cecrops*.