

*Papilio crispus*, Cram. Pap. Ex. t. 118. F (nec D, E) <sup>4</sup>.

*Lemonias maculata luciana*, Hübn. Samml. ex. Schmett. i. t. 36. ff. 3, 4 (nec Fabr.) <sup>5</sup>.

*Lemonias nepioides*, Butl. Journ. Linn. Soc. Zool. ix. p. 217, t. 6. ff. 12, 13 <sup>6</sup>.

*Lemonias nepia*, Westw. & Hew. Gen. Diurn. Lep. p. 459, t. 73. f. 2 <sup>7</sup>.

Alis testaceis nigro maculatis, costa et margine externo anticarum fusco-nigris; subtus glaucis nigro maculatis, posticarum dimidio costali fusco nebuloso.

♀ mari similis, sed area anticarum discali pallidiore, posticarum fuscescentiore, differt.

*Hab.* PANAMA, Bugaba (*Champion*), Veraguas (*Arcé*).—SOUTH AMERICA, Colombia to Amazons valley <sup>3 6 7</sup>, and Brazil <sup>1</sup>.

We do not see our way to separate this species under the various names that have been suggested for it, and we have followed Mr. Bates in uniting them under the name of *L. pseudocrispus*, adding *L. nepia* as an additional synonym.

The supposed differences are based upon slight modifications of colour and size, but on looking through our series of specimens, which certainly includes all the so-called species, we do not see our way to grouping them definitely.

The female is more variable than the male, some specimens having the disc of the secondaries of a pale fawn colour.

It is a scarce species in the State of Panama, as Mr. Champion only took one pair.

### 9. *Lemonias agave*, sp. nov. (Tab. XLVII. figg. 7, 8.)

Alis rufescente-fuscis ad basin et ad margines externos ferrugineis et undique fusco sparsim maculatis, alis ambabus macula discali alba parva inter ramos medianos, posticis altera costam propiore, plaga magna anali marginis interni dimidium includente nivea; subtus glaucescentibus, fusco sparsim maculatis, anticis fere omnino pallide fuscescentibus, posticis ad marginem externum eodem colore indutis.

*Hab.* PANAMA, David (*Champion*).

Mr. Champion obtained two male specimens of this species, which, though differing in many important points, seems more nearly related to *L. pentheus* of the Amazons valley and Guiana than to any other species of the genus.

*L. agave* frequents the thinly wooded savanna-region of the low country.

### 10. *Lemonias zeurippa*. (Tab. XLV. figg. 4, 5.)

*Hypophylla zeurippa*, Boisd. Sp. Gén. t. 20. f. 5 <sup>1</sup>.

*Lemonias zeurippa*, Bates, Journ. Linn. Soc. Zool. ix. p. 447 <sup>2</sup>.

*L. lasthenes* similis, anticis dimidio apicali purpurescente cæruleis, posticis plaga submarginali multo magis rotundata et rufescentiore.

♀ nobis ignota.

*Hab.* MEXICO <sup>1 2</sup>; GUATEMALA, Choctum (*Hague*).

Boisduval named and figured this species from a Mexican specimen. It appears to be a very rare insect, as the only example we have ever seen was sent us by Mr. Hague from Choctum in the low-lying forest country of Vera Paz. As a species it is perfectly distinct from *L. sudias*, its congener in the same country.