

the forests of Guatemala bordering the Pacific Ocean, where it appears to be peculiar, as we never met with it elsewhere in that country. Besides the specimens we obtained ourselves, Mr. Champion has recently sent us a good series. We thus see that it is subject to slight variation in different individuals. Some insects have the base of the primaries wholly black, others have a dark rufous streak over the median nervure and another at the base of the secondaries. The large yellow median spot of the primaries is sometimes almost broken up into spots by the encroachment of the black of the wings.

The chief resort of *H. fornarina* is the virgin forest lying at an elevation between 1000 and 2000 feet; and it does not seem to pass much beyond these limits. Here it is not uncommon, and may be seen flying in shaded roads.

5. *Heliconius chrysantis*, sp. n.

Alis anticis nigris, margine interno late ferrugineo; macula irregulari magna ad cellulæ finem venis divisa, maculas duas nigras includente, fasciis maculosis ultra eam ad apicem flavis, punctis tribus submarginalibus ad angulum analem; posticis ferrugineis nigro marginatis, maculis duabus ad apicem et stria transversa per cellulam flavis; subtus fere ut supra, alis maculis albis submarginalibus ornatis, posticis macula quoque ad costæ medium flava.

Hab. NICARAGUA (*Bridges*).

Of this species only a single specimen has yet reached us. This was obtained some years ago by the late Mr. T. Bridges, somewhere on the shores of the lake of Nicaragua. It is not in very good condition, the secondaries being not quite fully developed; we have thus long hesitated to describe it, hoping to obtain better examples. In having a yellow streak across the cell of the secondaries, and a yellow spot near the middle of the costa of the same wings beneath, this species is peculiar; otherwise it is not unlike *H. zuleika*, the inner and second band of yellow spots of the primaries of that species being united imperfectly into one large spot.

6. *Heliconius jucundus*. (Tab. XVII. figg. 1, 2; *H. xanthicus*, Tab. XVI. figg. 10, 11).

Heliconius jucundus, Bates, Ent. Monthl. Mag. i. p. 56¹.

Heliconius xanthicus, Bates, Ent. Monthl. Mag. i. p. 57².

Alis anticis nigris, triente basali (costa excepta) aurantiaco-fulvo, area apicali fasciis quatuor albis maculosis transvittata, tertia a quarta propiore a secunda magis distante; posticis aurantiaco-fulvis nigro marginatis et litura nigra transfasciatis, puncto albo ad angulum apicalem; subtus ut supra, posticis maculis albis submarginalibus ornatis.

Var. *H. xanthicus*, maculis anticarum omnibus flavis nec albis, litura transversa posticarum ad marginem internum obsoleta.

Hab. PANAMA, Lion-Hill station (*M. Leannan*), Veraguas (*Arcé*).

This butterfly, in the normal form prevalent on the isthmus of Panama, is very distinct in its characters; but specimens are not wanting which diverge considerably