

This *Heliconius* was first recognized by Hübner, who gave an excellent figure of it in his 'Zuträge zur Sammlung exotischer Schmetterlinge' in 1825. Unfortunately he thought it belonged to the same species as that described by Drury as *Papilio sappho*, a mistake subsequently rectified by Doubleday, who gave it the name it now bears. Both Hübner and Doubleday, however, put it down as a species of Brazil, which is no doubt erroneous, as we have no recent evidence of its occurring outside the limits of Central America. Here, as will be seen above, it occurs throughout a wide extent of country from Guatemala to Costa Rica. In the latter country it is rare, but not so in the former, as we have both taken it ourselves and received many specimens, all from the eastern forests of that country.

It is strictly a forest-haunting species, being found from the sea-level to a height of about 1500 feet above it.

We have figured a female specimen from the valley of the Polochic, Guatemala.

21. **Heliconius sappho.** (Tab. XVIII. figg. 5, 6.)

Papilio sappho, Drury, Ill. Nat. Hist. iii. p. 53, t. 38. f. 4¹.

H. leuce similis, sed fascia alba anticarum angustiore et margine ejus externo fere recto, posticis albo marginatis (venis divisis); subtus ut supra, maculis basalibus coccineis majoribus.

Hab. PANAMA, Santa Fé (*Arcé*).

Drury, who first described this species, figured it on the same plate with three others, all of which, together with the present insect, are now known to inhabit the Isthmus of Panama, whence doubtless the original specimens were first taken to Jamaica, before they passed into Drury's possession, who put them down as inhabitants of the island, instead of the continent. This mistake has been transmitted to the present time in published works, though we have long ascertained the true patria of the species, having received specimens direct from the State of Panama from one of our most active collectors. In Panama it would appear to be a scarce insect, as Santa Fé is the only locality we are able to record where it is found. It probably has a wider range within the State—one perhaps, judging from analogy, coinciding with that of *H. chioneus*, its companion species.

We have figured a male from Santa Fé.

22. **Heliconius theudela.** (Tab. XVIII. figg. 9, 10.)

Heliconia theudela, Hew. Ent. Monthl. Mag. x. p. 224¹.

Alis chalybeio-nigris, anticis fasciis duabus obliquis venis divisis, flavis, posticis maculis ovatis flavis marginatis; subtus dilutioribus, ad basin punctis minutis variis coccineis ornatis.

Hab. PANAMA¹, Chiriqui (fide *Staudinger*), Veraguas (*Arcé*).

Of this scarce species but few specimens have come under our notice. These have mostly passed through Dr. Staudinger's hands, whence probably Hewitson's type was