

also derived. One specimen was forwarded to us by Arcé from the neighbourhood of Santiago de Veraguas; and this we have now figured.

H. theudela has no very near allies in the genus, but partakes of the characters of two groups: the yellow submarginal band of the secondaries suggests an alliance with *H. eleuchia*, whilst the two yellow bands of the primaries recall *H. rhea* and its allies.

23. *Heliconius pachinus*. (Tab. XVIII. fig. 11.)

Heliconius pachinus, Salv. Ann. & Mag. Nat. Hist. ser. 4, vii. p. 414¹; Butl. & Druce, P. Z. S. 1874, p. 351²; Staudinger, Verh. z.-b. Ges. Wien, 1875, p. 98³; Hew. Ex. Butt., Hel. t. 8. f. 26⁴.

Alis chalybeio-nigris, anticis fasciis duabus ultra cellulam, posticis una aream mediam transeunte, omnibus venis divisis, flavis; subtus ut supra, sed dilutioribus, anticis costa ad basin, posticis margine anteriore et maculis basalibus rubro pictis.

Hab. COSTA RICA (*Van Patten*²); PANAMA, Volcan de Chiriqui (*Arcé*¹, *Zahn*, *Champion*, *Ribbe*³).

The vicinity of the volcano of Chiriqui seems to be the headquarters of this remarkable species, and where it is very common, as would appear from the plentiful supply of specimens that are to be found in all collections made in that district. It is, however, extremely local; a single specimen from Costa Rica was in Dr. van Patten's collection, and is the only one we have seen from that country; nor does it appear to be found in any other part of the State of Panama, except Chiriqui.

In having two yellow bands to the primaries and red spots at the base of the secondaries beneath, *H. pachinus* recalls the South-American *H. aranea* and its allies; but the well-defined yellow band on the secondaries at once distinguishes it from all of these.

We have figured a male from Chiriqui, one of the type specimens.

24. *Heliconius hewitsoni*.

Heliconius hewitsoni, Staudinger, Verh. z.-b. Ges. Wien, 1875, p. 98¹; Hew. Ex. Butt., Hel. t. 8. f. 26².

H. pachino persimilis, sed fascia intima flava anticarum per cellulæ finem (nec ultra eam) transeunte distinguendus.

Hab. PANAMA, Volcan de Chiriqui² (*Ribbe*¹).

We have not yet received specimens of this *Heliconius*, which is a close ally of *H. pachinus*, as will be seen by reference to Hewitson's plate². According to Dr. Staudinger¹ (who derived his information from Herr Ribbe, the discoverer and sole collector of the few specimens that have reached Europe), *H. hewitsoni* is found in the higher parts of the volcano of Chiriqui, taking the place, at an elevation of 6000 feet, of *H. pachinus*, which occurs at a lower level.