

brown spots are well developed, the more densely reticulated area on the hind wings can be distinctly seen where the spot is to appear, viz., between the first and second, or between the first and third*, of the longer supplementary sectors below the principal sector. It sometimes happens that one of the hind wings does not show this denser reticulation at this place, but in such cases the brown spot is usually broken into several detached spots (♂, San Lorenzo, Cordova). No such denser reticulation is observable on the single specimen of *H. sublimbata* which I have examined, in which, however, only the wings of the right side remain.

Selys says⁹ of the 10th abdominal segment of *H. occisa*, ♂, that it is "terminé par une carène entre deux très-petites pointes." I have not been able to find these two points in any male I have before me. They are well-developed in *H. tricolor*.

As to the females of *H. macropus*, the reader will refer to what has been said (*ante*) concerning the similarity and the differentiation of this sex and that of *H. titia*. The enumeration of the material of *H. macropus* shows that in the females, as in the males, a great variation in the size of the pterostigma exists.

11. *Hetærina miniata*. (Tab. II. figg. 22, 29.)

Hetærina miniata, Selys, Bull. Acad. Belg. (2) xlvii. p. 370 (1879)¹; Kirby, Cat. Odon. p. 107 (1890)².

Hab. PANAMA, Chiriqui (*coll. McLachlan*: 1 ♂, type of Selys).

I have seen only this unique male type, sent by Mr. McLachlan for examination.

The superior appendages are remarkable in this genus for their absence of teeth.

12. *Hetærina capitalis*. (Tab. II. figg. 21, 28.)

Hetærina capitalis, Selys, Bull. Acad. Belg. (2) xxxv. p. 482 (1873)¹; xxxvi. p. 614 (1873)²; xlvii. p. 369 (1879)³; Kirby, Cat. Odon. p. 107 (1890)⁴.

Hetærina majuscula, Hagen, Stett. ent. Zeit. xxx. p. 257 (1869) (part.)⁵; Proc. Bost. Soc. Nat. Hist. xviii. p. 29 (1875)⁶.

Hab. GUATEMALA (*A. M. N. H.*: 1 ♂), San Gerónimo [1 ♂], Zapote [2 ♂, 2 ♀] (*Champion*), Volcan Atitlan (*Salvin, in coll. McLachlan*: 1 ♂); COSTA RICA, Caché (*Rogers*: 1 ♂), Rio del Convento, Diquis Valley (*coll. Adams, P. P. C. det.* 1897); PANAMA², Volcan de Chiriqui below 4000 feet (*Champion*: 1 ♂).—COLOMBIA, Bogota (*Lindig*, 1863, *M. C. Z.*: 1 ♂, 1 ♀).

The reference of *H. majuscula*, Hagen⁵, to this species is based on a careful examination of one of his males, which, indeed, had been placed with *H. capitalis* in the Museum of Comparative Zoology at Cambridge, Mass., perhaps by himself.

* This alternative statement is rendered necessary by the considerable individual difference which exists in the number and relative lengths of the supplementary sectors in this part of the wing. "Longer supplementary sectors" may be taken to mean those that arise on a level to the basal (proximal) side of the inner end of the pterostigma.