

♂. Although *H. capitalis* has been regarded as only a smaller race of *H. majuscula*^{1 6}, yet it may, from the material now examined, be regarded as specifically distinct on the structural character (mentioned in part by de Selys³) of the superior appendages of the male (*cf.* our figg. 21 and 23); and in the presence of only two rows of cells between the second sector of the triangle and the hind margin of the hind wings, while there are three rows in *H. majuscula*.

Other differences stated from time to time are not so constant. Thus as regards size, that of the present material, added to the recorded measurements², shows that the abdomen of *H. capitalis*, ♂, varies from 35–44 mm., and the hind wing, ♂, 28–33.5 mm. (the latter figures from the Sta. Fé de Bogota male). The corresponding figures for *H. majuscula*, ♂, are: abdomen 46–48, hind wing 35–37. The red of the basal spot of the front wings invades a considerable part of the costal space in the males from San Gerónimo and Chiriqui. The pterostigma varies in length, even in the wings of the same individual, the extremes being the surmounting of two cells (San Gerónimo), and existing as merely a thickened, more oblique postcubital (Zapote).

♀. The two females from Zapote fall within the previously known size-limits: abdomen 32–36 mm., hind wing 28.5–32. The stripes on the sides of the thorax are metallic green, not blackish. The tip of the dorsal carina on segment 10 is bifid or trifid; on either side of it, at a short interval, is an acute tooth, projecting from the hind margin of the same segment, much as in *H. tricolor*.

The single broken female of *H. majuscula* seen does not admit of any statement as to possible specific differences in this sex other than the size.

13. *Hetærina majuscula*. (Tab. II. fig. 23.)

Hetærina majuscula, Selys, Syn. Calopt. p. 47 (1853)¹; Monogr. Calopt. p. 151, t. 13. fig. 1 (apps. ♂) (1854)²; Bull. Acad. Belg. (2) xlvii. p. 368 (1879)³; Walker, List Neur. Ins. Brit. Mus. iv. p. 634 (1853)⁴; Hagen, Proc. Bost. Soc. Nat. Hist. xviii. p. 28 (1875)⁵; Kirby, Cat. Odon. p. 107 (1890)⁶.

Hab. COSTA RICA, Caché [4 ♂], Irazu 6000–7000 feet [2 ♂, 1 ♀] (*Rogers*).—COLOMBIA¹; GUIANA, Surinam².

The present material is the same as that described by de Selys³, and bears pin-labels in his handwriting. (See also the remarks under *H. capitalis*, *supra*.)

14. *Hetærina infecta*, sp. n. (Tab. II. figg. 18, 24.)

♂. Labium brown (*young*) or black (*adult*); labrum black, with a more or less metallic blue or green reflection. Epistoma metallic blue or green. Base of mandibles yellowish. Second joint of antennæ yellow (*young*) or black (*old*). Remainder of the head dark metallic green, becoming blackish with age. Prothorax metallic green; hind lobe triangular. Mid-dorsal thoracic carina ochreous (*young*) or black (*old*); on either side of it a metallic green band, wider at its upper end, where it reaches the humeral suture. A humeral band (narrower above, nearly as wide below as the metallic green band just mentioned) and the metapleuron ochreous or brownish-yellow, but the mesepimeron, metepisternum, and