

overflows into some of the subcostal cells. Carmine at the base of the hind wings reaching from the subcosta to the postcosta, and outward in the subcostal space four cells beyond the quadrilateral, but elsewhere to one cell less than the apex of the quadrilateral. Reticulation in these spots red, elsewhere black. About 9 median cross-veins, 7-9 in the quadrilateral, 22 antecubitals, and three rows of postcostal cells on the front wings.

In the young male all the black is pale brown, and no red is visible on the wings, although the reticulation is very pale in the areas in which the spots are to appear.

Abdomen, ♂, 39-41; hind wing, ♂, 28-30.5 mm. ♀ unknown.

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*: 1 ♂); GUATEMALA, Cahabon in Vera Paz (*Champion*: 1 ♂).

The general shape of the appendages and the apical red spot on the hind wings only are suggestive of the South-American *H. rosea* and *H. dominula*; but *H. pilula* is distinguished from them and from other species by the capitate form of the inferior appendages, the simpler reticulation of the postcostal area, and, although of minor importance, the presence of a pterostigma. The specific name proposed has reference to the shape of the enlarged tip of the inferior appendages.

10. *Hetærina macropus*.

Hetærina macropus, Selys, Syn. Calopt. p. 44. no. 54 (1853)¹; Monogr. Calopt. p. 141 (1854) (♂ only)²; Bull. Acad. Belg. (2) xxxv. p. 481 (1873)³; Walker, List Neur. Ins. Brit. Mus. iv. p. 631 (1853)⁴; Hagen, Syn. Neur. N. Am. p. 62 (1861)⁵; Proc. Bost. Soc. Nat. Hist. xviii. p. 25 (1875)⁶; Kirby, Cat. Odon. p. 107 (1890)⁷.

Hetærina occisa, Selys, Syn. Calopt. p. 44. no. 55 (1853)⁸; Monogr. Calopt. p. 143, t. 12. fig. 6 (1854)⁹; Bull. Acad. Belg. (2) xxxv. p. 481 (1873)¹⁰; xxxvi. p. 613 (1873)¹¹; Walker, List Neur. Ins. Brit. Mus. iv. p. 631 (1853)¹²; Hagen, Proc. Bost. Soc. Nat. Hist. xviii. p. 28 (1875)¹³; Kirby, Cat. Odon. p. 107 (1890)¹⁴; Ann. & Mag. Nat. Hist. (7) iii. p. 370 (1899)¹⁵.

Hetærina occisa, var. *heterosticta*, Selys, Monogr. Calopt. p. 146 (1854)¹⁶; Bull. Acad. Belg. (2) xxxv. p. 481 (1873)¹⁷.

Hetærina heterosticta, Kirby, Cat. Odon. p. 107 (1890)¹⁸.

Hetærina occisa, var. *asticta*, Selys, Bull. Acad. Belg. (2) xxxv. p. 481 (1873)¹⁹.

Hetærina asticta, Kirby, Cat. Odon. p. 107 (1890)²⁰.

Var. *sublimbata*.

Hetærina occisa, var. *sublimbata*, Selys, Bull. Acad. Belg. (2) xxxvi. p. 613 (1873)²¹.

Hetærina sublimbata, Kirby, Cat. Odon. p. 107 (1890)²².

The localities are given separately for each of the so-called varieties, to show clearly the geographical distribution of each of them, so far as shown by the present material:—

Pterostigma surmounting two or more cells (*H. macropus*).

Hab. MEXICO² (*coll. McLachlan*: 1 ♂, with label "*H. macropus*" in de Selys's handwriting), Chavarillo (*Barrett, coll. P. P. C.*: 1 ♂), Atoyac (*Schumann, H. H. Smith*: 2 ♂), San Lorenzo, Cordova (*M. Trujillo*: 4 ♂), Acapulco (*fide Hagen*⁶), Teapa in Tabasco (*H. H. Smith*: 2 ♂); GUATEMALA (*Van Patten, M. C. Z.*: 1 ♂).