

Rambur. The difference in size is not great, and *E. peruviana* has been taken at Altamira at the same time that *P. sanguiniventris* flies. The case of these two species is like many of those among the Lepidoptera that have been described as instances of mimicry, but we have here as yet no observations bearing on the utility of the resemblance. Structurally, *P. sanguiniventris* and *E. peruviana* differ in many respects, as may be seen by comparing their respective generic characters given on pages 203 and 204, *anteà*.

ERYTHEMIS.

Erythemis, *Mesothemis* pars, *Lepthemis* pars, Hagen, Syn. Neur. N. Amer. pp. 168, 170, 160 (1861)¹; Brauer, Verh. zool.-bot. Ges. Wien, xviii. pp. 368, 369, 723, 721 (1868)²; Kirby, Trans. Zool. Soc. Lond. xii. pp. 264, 304, 303, 302 (1889)³; Cat. Odon. pp. 40, 39 (1890)⁴; Calvert, Ent. News, xvii. p. 30 (1906)⁵.

Mesothemis, Calvert, Trans. Amer. Ent. Soc. xx. p. 225 (1893)⁶; Proc. Calif. Acad. Sci. (2) iv. p. 473 (1895)⁷; Kellicott, Odon. Ohio, p. 92 (1899)⁸; Williamson, 24th Rep. Geol. Indiana, p. 250 (1900)⁹; Needham, Bull. 47 N. Y. St. Mus. pp. 507, 508 (1901)¹⁰.

The grounds for employing the generic term here adopted have been set forth elsewhere⁵.

Six species and one subspecies exist within our faunal limits; the characters of a seventh (*credula*) are added, as it also is likely to be found here. Two others, *rubriventris*, Blanchard*, and *plebeja*, Burmeister†, have been described from South America, but are too imperfectly known to enable a decision to be reached as to whether they are or are not distinct from the others.

Synopsis of Specific Characters.

- A. Front wings with three post-triangular rows to the level of the nodus; hind wings with three or more rows of cells between the proximal subbasal sector (A_3 of C. & N.) and the *hind* margin, rarely with any single post-triangular cells reaching across the entire width of the field from short sector to first sector of the triangle.
- B. Abdomen stout (*e. g.* segments 4–6 each twice or less than twice as long as wide), not, or but little, narrower in dorsal view at segment 4 than at segment 2.
- C. Hind wings uncoloured or faintly yellow at extreme base in some females. Face, thorax, and abdomen bright green (dull yellowish in young), the abdomen marked with black; thorax and abdomen of old males pruinose.
- D. Younger males and the females with a large quadrate black median dorsal spot on each of abdominal segments 4–9, 8 and 9 often

* Orbigny's Voy. dans l'Amér. Mérid. vi. part 1, p. 217 (1843).

† Handb. Ent. ii. p. 856 (1839); Calvert, Trans. Amer. Ent. Soc. xxv. p. 78 (1898).