

Front rather narrow; callosity in the shape of an elevated line, but slightly expanded below and almost reaching the vertex. Antennæ with a projecting, pointed upper part to the first joint; third joint strongly excised, the upper corner drawn out in a short point, the annulate portion rather long; colour dark reddish, mixed with black on the first and second, and also on the base of the third, joints; the rest black. The ground-colour of the thorax is densely clothed with a thick brownish-fulvous pollen, which again is covered on the thoracic dorsum and scutellum with a fine golden-yellow, appressed pubescence.

My description of the thorax is rather different from Macquart's, and agrees better with Schiner's; nevertheless I have no doubt that our insect represents the same species. Schiner had overlooked Bellardi's description.

3. *Tabanus (Therioplectes)* — ?

Antennæ red, but the third joint has that colour on the basal third only, the upper corner and everything beyond it are deep black; palpi pale yellowish, beset with white and black pile; frontal callus blackish-brown, rounded in shape, above it is an irregular black, linear, rather broad prolongation on black ground, &c. Length 12.5–13.5 millim.

Hab. MEXICO, Ciudad in Durango 8100 feet (*Forrer*).

Belongs to the difficult group of species allied to *T. rhombicus*, and mentioned in my 'Western Diptera,' p. 218, without agreeing exactly with any of the three forms characterized by me. The lateral triangles on all the segments (one to six) are oblique, more streaks than triangles; their prolongation towards the lateral margin coincides with the narrow whitish border of the segment; the intermediate triangles have the apex prolonged towards the next segment, and appear more like a continuous line than a series of triangles. Ante-alar callosity faintly reddish. Subcostal cell nearly hyaline; no stump on the fork of the third vein. Subcallus partially denuded, reddish. Venter reddish, which colour is also somewhat visible on the sides of the first and second segments; a more or less distinct blackish longitudinal stripe in the middle. The grey thoracic stripes are rather distinct. Three specimens.

4. *Tabanus ebrius*, sp. n., ♀. (Tab. I. fig. 8.)

Pale reddish-brown, the thorax with two whitish lines; antennæ red, the annulate portion black; palpi very narrow; wings with two brown irregular cross-bands, and a brown spot inside the fork of the third vein. Length 13–14 millim.

Hab. COSTA RICA, Irazu 6000 to 7000 feet (*Rogers*); PANAMA, Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

Front rather narrow, coarctate anteriorly, brownish-yellow; a dark brown (sometimes reddish?) raised longitudinal line in the middle is slightly expanded anteriorly (instead of a callus), posteriorly it gradually attenuates and stops long before reaching the vertex. A slight blackish tubercle, with something like vestiges of ocelli, is visible