

3. *Pachyrrhina consularis*, sp. n., ♀.

Pachyrrhina (*Tipula*) *elegans* (Wiedem.?, non Fabr.!), Schiner, Reise d. Novara, Zool. iii. Abth. i. p. 34¹.

Head, including the rostrum, pale orange-yellow; the latter with a brown mark (almost obsolete in some specimens) on the upper side; a broad, deep black, shining spot on the vertex, the point of which is a little less than a right angle, and not drawn out in a stripe; a small dark brown mark on the inner orbit of each eye; antennæ yellowish, darker towards the tip, the second joint and the bases of the joints beyond the fourth slightly infuscated; palpi yellowish, brownish towards the tip. Thorax yellow, with uniformly deep black, shining stripes; the lateral ones strongly curved towards the dorso-pleural suture, their tip being velvety-black and opaque; collar yellow in the middle, black on the sides; scutellum black; metanotum yellow, with a black stripe in the middle triangularly expanding towards the posterior margin; on the pleura the following black or dark brown spots are visible: a large one, above the sterno-pleural suture, occupies the lower half of the mesopleura, its upper angle pointing towards the root of the wing; an elongated one along the mesopleural suture; one between the front and middle coxæ, and another between the middle and hind coxæ; a large horseshoe-shaped spot running round the yellow metapleura, and having the haltere inserted on its posterior end. Abdomen yellow, segments 1–6 with black posterior margins; on the first segment the margin is rather narrow and of nearly equal breadth; on the other segments the margins, narrow on the sides, expand in the middle, so as to reach a little beyond the distal half of the segment (except on the second segment, which is larger); on all the segments the stripes reach the lateral margins; the seventh segment has only a narrow blackish edge. Ovipositor ferruginous. Halteres brownish-yellow. Coxæ and femora yellow, the extreme tips of the latter brownish; tibiæ yellowish-brown; tarsi brownish. Wings with a yellowish tinge on the antero-proximal half, and especially in the costal cells; stigma pale brown; contact of the second posterior cell very narrow, sometimes punctiform.

Length (♀) 11–13 millim. (without ovip.).

Hab. COSTA RICA, Cache (*Rogers*); NICARAGUA, Chontales (*Janson*).—VENEZUELA¹. Four females.

N.B.—Schiner's specimens (from Venezuela), which I have compared in Vienna, certainly belong to the same species, although they show some differences; the black on the abdomen leaves only narrow yellow anterior margins on the segments, and the halteres have more distinctly yellow knobs. That these specimens are the *Tipula elegans* of Fabricius seems more than doubtful: "Antennæ nigræ, articulo primo flavo; abdomen, ano nigro," &c., does not agree at all. Moreover, Wiedemann, in interpreting this description, confuses *P. crocata* with *P. cornicina*. Fabricius means the former, and hence describes the thorax as black with yellow lines; the inconsistency which Wiedemann discovers in the description arises from the fact that for *crocata* he reads *cornicina*. *P. consularis* cannot be compared to *P. crocata*.

P. consularis has also something of *P. mexicana*, Macq. Dipt. Ex. Suppl. i. p. 12, but cannot be identified with it.

4. *Pachyrrhina usta*, sp. n., ♂ ♀.

Head orange-coloured above, with a large arrow-shaped shining black spot on the vertex (the point of which is prolonged in the shape of a line over the front), and some black marks on the inner orbits of the eyes; rostrum shining black above, yellowish below. Antennæ black, the basal joints more or less yellowish-brown. The prevailing colour of the thorax is black; narrow yellow lines, expanding on the humeri, separate the usual thoracic stripes, which are deep black, and shining; the lateral ones incurved towards the dorso-pleural suture, without any opaque spot at the tip; collar bright yellow in the middle only; a yellow spot in front of the thoracic suture, inside of the curvature of the thoracic stripe; a couple of small yellow marks near the root of the wing; an elongated yellow spot in front of the haltere; otherwise the pleura