

posterior opaque band; remainder of the abdomen shining. Legs black; the immediate tip of all the femora, tip of hind tibiae, four anterior tibiae, and all the tarsi light yellow; hind femora slender. Wings brownish.

Length 12-13 millim.

*Hab.* MEXICO, Sierra de las Aguas Escondidas in Guerrero 9000 feet (*H. H. Smith*).

One specimen.

## 2. *Eristalis circe*, sp. n., ♂ ♀. (Tab. II. figg. 3, ♂; 3 a, head.)

*Male.* Face and frontal triangle shining black, the former sometimes somewhat reddish upon the sides; clothed with long and abundant yellow pile. First two joints of the antennae blackish; third joint reddish-yellow; arista (for an *Eristalis*) markedly plumose. Eyes densely and long, light reddish-yellow, pilose. Mesonotum opaque dark ochraceous, clothed with abundant light reddish-yellow pile. Scutellum yellowish-red, with similarly-coloured pile. Pleurae shining black, in the middle thickly clothed with yellow pile. Abdomen bright yellowish-red, with long and abundant yellowish-red pile; first segment, a large triangular or triradiate spot on the second, and a small one on the third segment, black. Wings tinged with yellow. Legs black; four anterior tibiae, for the larger basal part, the base of the hind femora, and the four anterior tarsi more or less, yellow; hind femora moderately thickened.

*Female.* Front opaque brownish, with long reddish-yellow pile. Pile of thorax shorter. Abdomen shining black, with very short, not abundant, black pile, except in the middle of the second segment, where it is longer and reddish-yellow; second, third, and fourth segments each with a narrow, successively more broadly interrupted, opaque, black band; anterior margin of the second segment also opaque black. Pile of the legs less abundant, and wholly black; hind femora not thickened.

Length 12-13 millim.

*Hab.* MEXICO, Ciudad in Durango (*Forrer*), Omilteme in Guerrero 8000 feet (*H. H. Smith*), Jalapa (*F. D. Godman*).

Twenty specimens.

## 3. *Eristalis obsoletus*.

*Eristalis obsoletus*, Wiedem. Aussereur. zweifl. Ins. ii. p. 175<sup>1</sup>; Schiner, Reise der Novara, Diptera, p. 261<sup>2</sup>; Willist. Trans. Am. Ent. Soc. xv. p. 279<sup>3</sup>.

*Eristalis testaceicornis*, Macq. Dipt. Exot. 4<sup>e</sup> Suppl. p. 138<sup>4</sup>.

*Eristalis thoracica*, Jaennicke, Neue exot. Dipt., in Abh. Senck. Ges. vi. p. 399<sup>5</sup>.

*Hab.* MEXICO<sup>4 5</sup>, Omilteme 8000 feet, Chilpancingo 4600 feet, Amula 6000 feet, Hacienda de la Imagen 4000 feet, Xucumanatlan 7000 feet, Acapulco, all in Guerrero, Cuernavaca, Vera Cruz, Atoyac (*H. H. Smith*), Jalapa (*F. D. Godman*), Temax in Northern Yucatan (*Gaumer*).—SOUTH AMERICA<sup>2</sup>, Brazil<sup>1 3</sup>.

Twenty-five specimens.

There is some variation in the colour of the legs, and the spots of the second abdominal segments may be decidedly yellow. I have compared the Mexican examples with others from Brazil, so that there can be no question of the identity. Except that Bigot seems to know this species, I should be much in doubt from his description of *E. pachypoda* as to whether he meant it for this or the following.