

reddish-yellow; first two joints blackish. Mesonotum opaque black, with three complete ashy bands. Scutellum black, with a rounded yellow spot at the apex (variable?). Pleuræ ashy-pollinose. Abdomen opaque black; a narrow, interrupted or entire, band on the third and fourth segments, shining; second segment with two oval spots, broadly separated; the anterior angles of the third segment, and the narrow hind margins of the second, third, and fourth segments, yellow. Legs black; base of the four anterior tibiae, and the base of the middle tarsi, yellow; hind femora much thickened. Wings hyaline. Front moderately narrowed above, with an opaque black band below the middle, narrowly extending down a short distance in the centre. Fifth abdominal segment like the fourth.

Length 6-7 millim.

*Hab.* MEXICO, Teapa in Tabasco (*H. H. Smith*).

Five specimens.

In only one of the three females is the scutellum as in the males; in the others it is yellow, with the base narrowly black. This female with the scutellum like that of the males has no yellow on the anterior angles of the third abdominal segment. The front tarsi may be yellowish at the base. From *E. pusio* and *E. pygmæus*, the species may be easily distinguished by the incrassate hind femora.

## 20. *Eristalis rufiventris*.

*Eristalis rufiventris*, Macq. Dipt. Exot. 1<sup>er</sup> Suppl. p. 129<sup>1</sup>; Willist. Trans. Am. Ent. Soc. xv. p. 282<sup>2</sup>.

*Hab.* MEXICO, Teapa in Tabasco (*H. H. Smith*).—SOUTH AMERICA, Colombia<sup>1</sup>, Brazil<sup>2</sup>.

A number of examples, both male and female, agree so well in every respect, save in the colour of the second abdominal segment, with a male specimen from Brazil identified as *E. rufiventris*, that I believe they belong to the same species. The second segment does not have a distinct black interval in the middle, but is narrowly brownish.

## 21. *Eristalis* —?

= *cubensis* Macq. (apud Hine, 1)

*Hab.* MEXICO, Teapa and Frontera in Tabasco (*H. H. Smith*).

One hundred and twenty specimens.

It is not at all impossible that this species has been described, but, belonging as it does to a very difficult group, I cannot identify it. It has three ashy thoracic bands, separated by opaque black; the antennæ yellowish-red; the frontal triangle with black pile. The abdomen in the male is red or yellowish-red, the second segment with an opaque black stripe, expanded posteriorly, the third and fourth segments with a narrow shining band, that of the third often obsolete; the hypopygium shining black. In the female, the third and fourth abdominal segments are black in the middle, and, sometimes, behind. The hind femora are only a little thickened. Length 8-10 millim.