

A single male specimen from Dueñas, agreeing well with others from South America and the United States.

26. *Volucella fuscipennis*.

Volucella fuscipennis, Macq. Dipt. Exot. ii. 2, p. 24, t. 4. f. 2¹; Willist. Trans. Am. Ent. Soc. xv. p. 276².

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*), Temax in Northern Yucatan (*Gaumer*).—SOUTH AMERICA, Brazil^{1 2}.

A dozen specimens from Southern Mexico show only minor differences from an example identified as this from Brazil. The colour is lighter, more reddish; the violet reflections of the mesonotum are feebler; and the legs are chiefly reddish-brown, with the tarsi more or less yellow, especially the hind metatarsi. The face seems somewhat less acuminate, and the lateral roughened opaque surface on the scutellum somewhat larger. In the Brazilian specimen the marginal cell is narrowly open; in all the Mexican ones it is closed at the tip. The female has a rounded elevation in the middle of the front.

A single female from Presidio, Mexico (*Forrer*), has the structure of the others, but is yellow, with the pectus, lateral scutellar spots, front, narrow abdominal bands, and the base of the femora black; the mesonotum with a trace of violet stripes.

27. *Volucella lugens*.

? *Volucella lugens*, Wiedem. Aussereur. zweifl. Ins. ii. p. 206¹.

Hab. GUATEMALA, Lanquin in Vera Paz (*Champion*).—SOUTH AMERICA, Brazil¹.

A single male example from Lanquin agrees very well with the description. The legs and markings of the abdomen are brown, rather than black. A comparison with Brazilian specimens is needed to determine with certainty the identity.

28. *Volucella purpurifera*.

Volucella purpurifera, Bigot, Ann. Soc. Ent. Fr. 1875, p. 477¹.

Volucella tricincta, Bigot, loc. cit. p. 477².

Volucella varians, Bigot, loc. cit. p. 481³, & 1883, p. 63.

Hab. MEXICO³, Oaxaca^{1 2}.

Bigot has expressed the opinion that all three of the above names pertain to one species, a view that does not seem improbable from the descriptions. Two male specimens from Amula (*H. H. Smith*) may belong to the same. As the descriptions are insufficient to decide the question with certainty, I give a more complete one from these specimens:—

Face and frontal triangle greenish-yellow, more yellowish below, the former with a brownish stripe in the