

Two specimens, male and female, agreeing quite with others from the eastern United States.

2. *Syrphus lotus*.

Syrphus lotus, Willist. Synopsis N.-Am. Syrphidæ, p. 75¹.

Hab. UNITED STATES, Arizona¹.—MEXICO, Omilteme in Guerrero 8000 feet (*H. H. Smith*).

Two female specimens, agreeing well with the description.

3. *Syrphus eupeltatus*.

Syrphus eupeltatus, Bigot, Ann. Soc. Ent. Fr. 1884, p. 91¹.

Hab. MEXICO¹, Omilteme in Guerrero 8000 feet (*H. H. Smith*).

I feel pretty sure of the identification of this species, notwithstanding that the thorax is not "noir," but dark olivaceous-green, and not shining. The face is unusually prominent, the upper oral margin projecting even beyond the large rectangular tubercle. The author makes no mention of this, the most striking characteristic of the species; still the identity is not doubtful. Eight specimens.

4. *Syrphus* — ?

Saussurii Giglio-Tos

Hab. GUATEMALA, San Gerónimo (*Champion*).

Quite like *S. eupeltatus* in structure, but with a large black spot in the frontal triangle, a broad black facial stripe, and a darker mesonotum, with less yellow on the margins; the pleuræ are shining blue-black (instead of chiefly yellow), the legs are browner, and the size is smaller (about 10 millim.).

5. *Syrphus diversus*, sp. n., ♂ ♀. (Tab. I. figg. 6, ♀; 6 a, head.)

Male. Face light amber-yellow, golden-pollinose on the sides, clothed, like the front, with black pile. Frontal triangle large, not shining; blackish above, below with a small, rounded, shining black spot. Vertical triangle small, black. Antennæ small, red; third joint blackish above, orbicular. Eyes bare. Mesonotum opaque dark olivaceous-green, with light-coloured pile; a spot at the outer end of the suture and the postalar callosities yellow. Scutellum light yellow, with black pile. Pleuræ subshining blue-black, yellowish in the middle, and with yellow pile. Abdomen with nearly parallel sides, opaque black; first segment small, shining, yellow at the sides; second segment with two large triangular yellow spots, leaving a moderately broad interval between the points; the three following segments each with a moderately broad, gently arcuate yellow band, situated towards the front, not interrupted or emarginate, and attaining the margins in their full or increased width; pile black. Legs black, the coxæ, the distal portion of the four anterior femora, the hind knees, and the broad base of the four anterior tibiæ yellow; the four anterior tibiæ for the rest, and their tarsi, blackish or brownish. Wings clouded with brownish, more deeply so on the anterior border distally.

Female. Front dark opaque olivaceous-green above, with black pile. Fifth abdominal segment two-thirds as long as the fourth; the sixth segment with a small yellow spot on the anterior angles. The four anterior legs yellow, with the base of the femora black, or with a black spot, and the tarsi blackish.

Length 11–12 millim.