

Hab. MEXICO, Omilteme 8000 feet, Xucumanatlan 7000 feet, both in Guerrero (*H. H. Smith*).

One male, three females.

Nearest allied to *S. diversipes*, Macq.

6. *Syrphus ribesii*.

Musca ribesii, Linn. Fauna Suecica, p. 1816. (For the remainder of synonymy, see Willist. Synopsis N.-Am. Syrphidæ, p. 77¹.)

Hab. EUROPE.—NORTH AMERICA, Atlantic, Middle and Pacific States¹.—MEXICO, Sierra de las Aguas Escondidas in Guerrero 9000 feet (*H. H. Smith*).

A male specimen from Western Mexico presents most of the essential characters of this species, but with certain differences. The pile of the face is black, not yellow, and the yellow spots of the second abdominal segment are distinctly separated from the margin. Length 9 millim. A female specimen from the same locality is a little larger and has the yellow spots of the second segment broadly contiguous with the margin, the femora yellow at the base (the middle femora very narrowly black), the hind femora with a broad brown ring, and the hind tibiæ and tarsi brown. Length 11 millim.

7. *Syrphus bisinuatus*, sp. n., ♀.

Front much narrowed above, shining metallic black near the ocelli and in the middle below, on the sides yellow-pollinose, the black extending to the antennæ; pile black. Antennæ red, the first two joints brownish above; the third joint broadly black on the upper part, in shape obtusely pointed, between two and three times as long as broad, its upper border straight, the lower border convex. Face and cheeks yellow, with yellow pile. Mesonotum opaque olivaceous-green, with yellow pile; scutellum light yellow, with black pile. The yellow spots of the second abdominal segment extend forward to the lateral margin; the bands of the second, third, and fourth segments are not very broad, reaching the lateral margins in their full, or nearly their full, width—on their anterior side convex in the middle, and with a considerable concavity on each side, on their posterior side there is a broad shallow emargination or concavity; fourth segment narrowly yellow behind, forming a band with the yellow of the anterior angles of the fifth segment. Legs light yellow, the narrow base of all the femora black; the hind legs in large part brownish, with the knees broadly, and the base of the metatarsi yellow. Wings hyaline; stigma yellow. Length 10–12 millim.

Hab. MEXICO, Omilteme in Guerrero 8000 feet (*H. H. Smith*); COSTA RICA, Volcan de Irazu 6000 to 7000 feet, Rio Sucio (*Rogers*).

Seven specimens.

8. *Syrphus* — ? , ♂. = *notatus* Coq.

Syrphus gastrostactus, Willist. Trans. Am. Ent. Soc. xv. p. 264 (nec Wiedem.)¹.

Face much narrowed below; light yellow, on the sides opaque white; clothed with white pile. Cheeks very narrow, black. Antennæ black; third joint nearly orbicular. Frontal triangle yellow, with a large triangular black spot, reaching acutely to the suture; clothed with black pile. Eyes bare. Mesonotum anteriorly with a conspicuous light yellow ruff; in colour dark shining bronze, with black pile. Scutellum