

27. *Syrphus conjunctus*, sp. nov. (Fig. 2.)

Male.—Face dark yellow, descending almost perpendicularly to the small tubercle, cheeks shining black, the black continued around in front and up over the tubercle to the middle of the face, but interrupted behind the mouth on the oral margin by yellow; front and vertex black, the former with yellow pollen except near the antennæ. Pile of face, front and vertex black. Antennæ dark, third joint lighter below. Occiput with yellow pile. Thorax shining bronze-black, with some yellowish pollen on the disc, and with yellow pile. Scutellum large, waxy-yellow, pile yellow, with a fringe of dark hairs on the margin. Abdomen black, segment 1 shining, 2 opaque, 3 opaque except the lateral borders, 4 mostly shining, 5 and the hypopygium entirely shining; three broad yellow bands occupying the anterior half of the segments, on segment 2 the band is interrupted and the spots forming it are rounded at their inner ends and attenuated at their outer ends, where they attain the margin of segment; on segments 3 and 4 the cross-bands are complete, but are so deeply incised behind at the middle that they appear at first glance to be interrupted, each half evenly rounded behind, and attenuated at the outer end, where it attains the margin of the segment; segments 4 and 5 are margined with yellow posteriorly, and the outer anterior angles of 5 are yellow. Pile of abdomen mostly black, but yellow on the first two cross-bands. Anterior and middle legs reddish-yellow, black at the extreme base of the femora, and the tarsi infuscated; hind legs reddish-brown; a broad dark band covers most of the femur, and the distal three-fourths of the tibia and the tarsi dark. Halteres yellow. Wings hyaline, slightly infusate anteriorly, stigma brown.

Length, 8 mm. (*conjunctus* = joined, referring to the apparently interrupted abdominal cross-bands).

Described from one male specimen taken at Hope, on the Nicolum River, July 14, 1906, by R. V. Harvey.

Evidently related to *S. macularis*, Zetterstedt, but differs in having the eyes bare, and the black of the face and legs much more restricted, while abdominal bands 2 and 3 are incised but not interrupted.

28. *Syrphus* sp.

A somewhat teneral female, Glacier, Aug. 20, 1902, R. C. Osburn, I am not able to place in any species known to me.

29. *Xanthogramma divisa*, Williston.

One female taken by R. V. Harvey at Vernon, Aug. 14, 1904.