

h.—Face descending but very little below the eyes, arched or subearinate, never tuberculate.

i.—Third segment of abdomen in male very much contracted, cylindrical, the hind femora much swollen, with bifid spine below at the tip. Eyes very large, face small.....*Senogaster* Macq., Hist. Nat. Dipt. 2.

Senogaster Comstocki, sp. nov.

♂.—Head globular, large, composed almost wholly of the eyes which meet in front for a short distance above the antennae, the vertical triangle narrow, long; a small but very distinct area of enlarged facets on each side above the antennae. Frontal triangle and face small, the latter arched, subearinate, short, concave from antennae to tip, yellow with silvery glisten, and a brownish median stripe. Cheeks narrow, antennae reddish-yellow, first joint very short, second nearly equilaterally triangular, third joint oval, arista bare. Thorax black, with four narrow, but conspicuous olivaceous stripes, the outer pair extending from the more reddish, somewhat swollen humeri. Pleurae black, with a conspicuous broad white-dusted vertical patch; scutellum black, yellow at the tip; abdomen brownish-black; first segment as broad as thorax, nearly black, yellow on the sides; second segment elongate, scarcely half as wide behind, with two silvery elongate spots; third segment of the same length, narrow, cylindrical, yellow in front; fourth segment as long as preceding, with the globular hypopygium forming a spheroidal mass. Legs yellow, hind femora much swollen, arcuated, black, becoming red at the tip, below at the end with slender process, and beyond a smaller tooth-like one, hind tibiae arcuated with a triangular projection at the end, hind tarsi brownish, wings nearly hyaline, third longitudinal vein gently curved. Long. corp. 12 mm., long. al. 8 mm., N. Y., Cornell University. Prof. J. H. Comstock.

The present species is a very interesting addition to our fauna. Hitherto, so far as I can learn, but one species is known, *S. carulescens* Mac., l. c. and Dipt. Exot. 11, 2, 72, Tab. 13, f. 3, from Guiana, South America. I take much pleasure in dedicating it to Prof. Comstock, whose work in Entomology is so favorably known.

ii.—Hind femora more or less swollen with spines or bristles below, abdomen elongated, somewhat flattened, not contracted in the middle. Thorax without distinct yellow markings.

j.—Hind femora very much swollen; small cross-vein at right angles to longitudinal veins.....*Syritta*.

SYRITTA PIPIENS Linné. Meigen Zweifl. Ins. iii, 213. Europe. Common apparently over all of North America.

jj.—Hind femora never remarkably swollen, hind coxae often with a spinous process, small cross vein of wing always oblique....*Xylota*.

XYLOTA OBSCURA Lw., Cent. vi, 55. Mt. Hood, Oregon; Wash. Terr. Calif. ! Red River of the North. Specimens from the former localities