

SUBFAMILY TIPULINÆ.

Genus *Tipula* Linnæus.***Tipula margarita***, new species.

General coloration of the head and thorax light gray; antennæ short, black, the three basal segments orange-yellow; femora with a broad, subterminal yellow ring; wings with four brown cross-bands; abdomen yellow, the tergites with a broad, dark brown median and narrow dark brown sublateral stripes; lateral margin of the tergites broadly light gray; male hypopygium with the ninth tergite large, subquadrate, with a deep median split; ninth pleurite complete.

Male.—Length about 13 mm.; wing 14.4 mm.

Frontal prolongation of the head long, grayish above, more reddish laterally, nasus long and slender. Palpi with the first segment reddish, the remainder black. Antennæ with the first segment long and slender, orange-yellow, a little grayish pruinose on the basal fourth; segments two and three orange-yellow, remaining flagellar segments dark brown, the apices only a little more reddish; flagellar segments very short with long verticils, the basal swelling inconspicuous, only a little thicker than the rest of the segment. Head gray, on the disk of the vertex suffused with brown; vertical tubercle prominent, narrowly split by a deep, impressed median line; occiput more reddish.

Thorax gray, the praescutum with three dark brownish gray stripes, the median one longest, broadest in front, narrowed to the suture; scutum light gray with two darker gray blotches, the larger of which lies on the scutal lobes; scutellum light gray with a faint, reddish cast; postnotum light gray with a narrow, indistinct median brown line which is continued forwards on to the scutellum. Pleura light grayish pruinose. Halteres rather short, yellow, the knobs dark brown. Legs with the coxæ light gray pruinose; trochanters dull yellow; femora yellow, beyond the middle passing into light brown; tips broadly black, a broad, yellow subterminal annulus; this yellow femoral ring is most distinct on the fore legs, less evident on the posterior legs; tibiæ and tarsi dark brown. Wings whitish with a heavy brown pattern; dark brown blotches at the arculus, stigma, and a smaller one at the origin of the sector; four grayish brown cross-bands, the first