

excepting the usual broad brown seam along *Cu* and its branches; the pale pattern includes the base of cell *1st M*₂, apical two-thirds of cell *R*₅, base of cells *M*₁, *M*₂ and *M*₃, and the centre of cell *Cu*₁.

Abdominal tergites with the dark brown lateral stripes very broad, about as wide as the yellow mid-dorsal area, this latter most distinct on tergites one to seven.

Habitat.—North Carolina.

Holotype.—♀, Canton, Haywood Co., June, 1911.

Type in the collection of the author.

***Tipula manahatta*, new species.**

Belongs to the *tricolor* group, closest to *T. sackeniana* Alex.; antennal flagellum light yellow throughout; mesonotum reddish brown with indistinct præscutal stripes; wings with a strong fulvous tinge with scarcely any pale areas on the membrane; abdomen reddish brown without darker stripes.

Male.—Length about 15 mm.; wing 15 mm.

Frontal prolongation of the head light yellowish on the sides, darker above, indistinctly lined with brown; palpi short, brown, the basal segments more yellowish. Antennæ moderately elongated, the scapal segments brown, the flagellar segments light yellowish throughout, the terminal segment brown. Vertex dark grey; occiput and a very narrow margin around the eye paler.

Mesonotum reddish brown, the præscutal stripes very indistinct; scutellum yellow. Pleura yellowish, the mesopleuræ faintly grey pruinose. Halteres dark brown, yellowish at the extreme base. Legs with the coxæ yellowish, faintly pruinose; trochanters yellow; femora and tibiæ reddish brown throughout; tarsi dark brown. Wings with a strong greyish fulvous tinge, the costal margin and a broad seam along *Cu* very broad, rich fulvous; there are scarcely any paler areas on the membrane, the oblitative streak extending about to mid-length of cell *M*₄; cell *R*₅, and the bases of the anal cells a little pale.

Abdomen reddish brown, the sides of the first segment more yellowish; abdominal tergites very narrowly and indistinctly ringed caudally with silvery. Male hypopygium as in the *tricolor* group, the sclerites of the ninth segment fused into a continuous compressed ring. Ninth tergite with the median lobe, prominent, depressed, slightly expanded distally, reddish, the extreme posterior margin minutely spiculose; margin of the sclerites between the tergal and pleural regions light yellowish. Outer pleural appendage large, fleshy, distinctly notched at its apex, covered with short dense hairs. Inner pleural appendage subchitinized, flattened, with a deep split that separates off a posterior hook or lobule whose posterior margin is grooved longitudinally into a scrobe; posterior margin of the anterior appendage with a high, flattened carina; apex broadly rounded. At the base and ventrad of the pleural appendage is a triangular lobe which is densely covered with a short, golden yellow pubescence and, ventrally, a number of long reddish hairs. Region of the ninth sternite extensive, the adjacent margins almost continuous, from between them projecting the straight, slender penis-guard and two small oval, flattened lobes.