

Mesonotal præscutum light grey with four brown stripes, the intermediate pair becoming indistinct anterior to the level of the pseudosutural foveæ; scutal lobes largely brown; scutellum and postnotum light grey. Pleura grey, clearer and lighter posteriorly. Halteres brown, the extreme base yellow. Legs with the coxæ light grey; trochanters light yellow; femora yellowish basally, soon passing into brown, the tip narrowly darker brown; tibiæ with the basal half light brown, the apical half darker brown; tarsi dark brown. Wing pattern and venation about as in *T. fragilis*, the stigma paler brown.

Abdomen with the first tergite grey pruinose, the other tergites brown with a broad, dark brown sublateral stripe, ringed posteriorly with yellowish, these rings broadest on the basal segments, becoming indistinct about the seventh segment; sternites one to five bright yellow, the basal segments a little darker laterally; remaining sternites dark brown. Male hypopygium with the ninth tergite rather large, divided into two apparent halves by a mid-dorsal impression; each half is produced caudad into an inner flattened lobe, separated from its mate of the opposite side by a very small and narrow notch, the lateral angle of each lobe slightly produced and with a few stout black setæ; the tergite is dark, the lateral margins yellowish, the apical lobes orange yellow and provided with a short, dense pubescence. Outer pleural appendage large, greyish, slightly curved, the outer face with appressed black hairs; near the base of the appendage a shiny, flattened, chitinized tooth. Inner pleural appendage compressed, flattened, extensive, near its base forming a cup-like hollow. An enlarged, dark-coloured, fleshy lobe provided with numerous pale hairs lies on either side near the ventral angle of the pleurite, extending dorsad along the opening of the genital chamber; the outer basal margin of this lobe is light yellow in colour. Eighth sternite slightly projecting, the posterior margin with a large, shallow, broadly U-shaped notch, the lateral angles of which are provided with long whitish hairs, the outer basal margin of this lobe minutely spinulose, light yellow beneath.

Habitat.—Labrador.

Holotype.—♂, Battle Harbour, August 1, 1912, (G. P. Engelhardt).

Paratopotype.—♂.

Type in the collection of the Brooklyn Museum.

***Tipula fragilina*, new species.**

Belongs to the *marmorata* group, closest to *T. fragilis* Lw.; legs darkened, the femora with a broad, yellowish subterminal ring before the black tip; male hypopygium having the ninth tergite with a wide V-shaped notch; outer pleural appendage with a blunt, blackened basal lobe; eighth sternite carinate, the posterior margin with a very deep and narrow median notch, the margins contiguous or nearly so and provided with long, yellowish hairs.

Male.—Length about 13 mm.; wing 13.3 mm.

Female.—Length about 13 mm.; wing 13 mm.

Generally similar to *T. fragilis* Lw., differing as follows: The intermediate stripes of the præscutum are broader and extend further cephalad; the ground colour between the intermediate and lateral stripes narrower. Pruinosity of the pleura darker. Legs darker, the black femoral tips broader and with a