

Habitat.—New York (Suffolk County).

Holotype.—♂, Yaphank, Long Island, September 3-4, (Charles Schaeffer).

Paratopotype.—♂.

Type in the collection of the Brooklyn Museum.

Tipula phoroctenia, new species.

Belongs to the *marmorata* group, closest to *T. fragilis* Lw.; male hypopygium with the ninth tergite having a broad V-shaped notch; outer pleural appendage without a basal tooth; eighth sternite strongly projecting, shovel-like, the posterior margin shallowly notched and with a row of black, comb-like spines.

Male.—Length about 13 mm., wing 14 mm.

Similar to *T. fragilis* Lw. in most respects, differing as follows: The præscutal stripes are broader and less distinct, the intermediate pair extending a little farther cephalad, the grey thoracic interspaces narrower. The wings are a little narrower, with the dark pattern less distinct. The abdomen is light yellow with a narrow, dark brown sublateral stripe and silvery grey lateral margins. The ninth tergite and the sixth to ninth sternites are dark brown. The most conspicuous differences are to be found in the structure of the male hypopygium, the ninth tergite of which has a broad, posterior V-shaped notch the caudal margin blackened, with the lobes running out into slender, chitinized points, the space between with a few smaller elevations; lateral notches extensive, not so deep as in *T. fragilis*. Outer pleural appendage long, slender, somewhat flattened, without a distinct chitinized basal ridge or tooth as in most other species of the group. The fleshy lobes that arise near the ventral angle of the pleurites are very large so that they practically fill this portion of the opening of the genital chamber; they are pale reddish, covered with a short, dense pale pubescence. Ninth sternite with a broad square notch, from the base of which projects a stout, reddish rod, presumably the penis-guard. Eighth sternite extensive, projecting, the posterior margin nearly truncated with a very shallow notch, set with a row of short, black spinous teeth; extreme posterior lateral angles of the sternite with a few long yellowish hairs.

Habitat.—Maine.

Holotype.—♂, Orono, Penobscot Co., in a bog at the edge of a wood, October 3, 1913, (H. M. Parshley).

Paratopotype.—♂, indoors, October 16, 1913.

Type in the collection of the author.

Tipula nebulipennis, new species.

Belongs to the *marmorata* group, closest to *T. fragilis* Lw.; legs mostly brown with only the femoral bases yellowish; male hypopygium having the caudal margin of the ninth tergite with two flattened divergent lobes separated from one another by a very small notch; outer pleural appendage with a subacute shiny chitinized tooth; eighth sternite slightly projecting, the posterior margin with a broad, U-shaped median notch.

Male.—Length 12-13 mm.; wing, 12.2-13.5 mm.

Frontal prolongation of the head dark grey, the sides more brownish. palpi short, brownish black. Antennæ with the scape yellow, the flagellum brownish black; flagellar segments only slightly enlarged basally. Head grey.