

distinct from that of *Tipula ultima*, where the ninth tergite is deeply notched, the lateral lobes very large, flattened, directed proximad and with the margins provided with numerous tiny chitinized denticles; all the other lobes and appendages of the hypopygium are much smaller and less complicated than in *T. ultima*. It should be noted that the present species is on the wing during May whereas *T. ultima* is a characteristic autumnal species.

***Tipula lygropis*, sp. n.**

Allied to *T. occidentalis* Doane; general coloration dark yellowish gray, the mesonotal praescutum with four brownish gray stripes; wings with a very strong brown suffusion, the obliterative streak unusually broad and conspicuous; a bomen obscure brown; male hypopygium with the ninth tergite with a deep, V-shaped notch; eighth sternite with two submedian pencils of long yellow hairs.

Male.—Length about 20 mm.; wing 21 mm.

Frontal prolongation of head dark brown, still darker laterally; no evident nasus, only a tuft of long hairs at this point; palpi brown, the basal two segments lighter in colour. Antennae dark brown, the scapal segments slightly paler brown. Head brownish gray, the occiput darker; the vertex with indistinct lines that are concentric from the occiput.

Mesonotal praescutum yellowish gray with four brownish gray stripes, the intermediate pair narrowly separated for most of their length by a line of the ground colour, the ends contiguous; scutum light gray, the lobes largely dark gray; scutellum pale yellowish gray with a capillary brown median line, the lateral portions dark; postnotum yellowish gray, the posterior margins darker. Pleura dull gray, more yellowish gray before the base of the halteres. Halteres dark brown, the base of the stem brighter. Legs with the coxae dull gray, the outer face sparsely yellow pollinose; femora and tibiae reddish brown, narrowly tipped with dark brown; tarsi brown. Wings with a very strong brownish tinge; cells *C* and *Sc* more yellowish brown; cells *M* and *Cu* adjoining vein *Cu* more yellowish; a conspicuous brown spot at the end of *Sc* and another including the stigma; a paler brown seam at the origin of *Rs*, along the cord and at the tip of vein *Cu*₂; a very conspicuous white obliterative streak extending from cell *C* across cells *1st R*₁, the end of *R*, the basal two-fifths of cell *1st M*₂, into the base of cell *M*₃. Venation: *R*₂₊₁ shorter than the distal section of *R*₂; petiole of cell *M*₂ a little more than one-half of *m*.

Abdomen obscure brownish, the tergites very indistinctly trivittate with still darker brown, the distal segments more uniformly darkened; sternites brownish gray. Male hypopygium moderately large. Ninth tergite with a very deep V-shaped median notch that extends almost back to the eighth segment; the lateral lobes have the ventral edge produced into a flattened, chitinized blade, the tips running out into small, chitinized points. Ninth pleurite rather conspicuous, conical, the apex obtusely rounded but flattened; outer pleural appendage conspicuous, rather stout, dark brown, clothed with long, dark hairs. Ninth sternite with a profound notch that is narrowly margined with pale, from its dorsal proximal angle hang two long, pendulous lobes. Eighth sternite with a broad, U-shaped notch, on either side of the median line of the base of the notch, a pencil of very long yellow bristles; lateral lobes produced