

Tipula bergrothiana, sp. n.

Arctica group; related to *centralis* Loew., but smaller and the male hypopygium different; wings of female atrophied.

Male.—Length 10.5 mm.; wing 12.2 mm.

Female.—Length 17 mm.; wing about 2 m.

Frontal prolongation of the head grayish basally, more brownish apically; palpi brown. Antennae with the scape rather bright yellow; flagellar segments rather uniformly brown, the basal enlargement a little darker than the rest of the segments and only slightly enlarged. Head with the vertex light gray, more suffused with brown behind and on the occiput.

Mesonotal præscutum gray, the median thoracic stripe almost obliterated, lateral stripes indicated only by the narrow, bright brown margins; remainder of mesonotum gray. Pleura dull gray. Legs with the coxæ brownish gray; trochanters and femora yellowish brown, the latter a little darkened outwardly; tibiae and tarsi slightly darker. Halteres dirty pale brown, the knobs dark brown. Wings of the male elongate, in the type crumpled and this possibly the normal condition although the venation is not distorted. Wings brown and gray with hyaline areas as in *septentrionalis* Loew., etc.

Abdomen with the first tergite and the extreme base of the second gray, the remainder of the abdominal tergites brown; a dark brown median stripe; pleural membrane distinct dark brown, simulating a lateral stripe; sternites brown, the caudal margins narrowly pale. Male hypopygium small, simple, with the ninth tergite as in *centralis*, a shiny, heavily chitinized saucer, the caudal margin feebly concave medially to receive the inner pleural appendages; each caudal lateral angle produced into an acute tooth and the margin of the saucer on either side with a smaller similar tooth beyond mid-length. Ninth pleurite complete but small; outer pleural lobe moderate in size, flattened, the inner face somewhat convex, the outer face pale brown with abundant appressed hairs; a caudal inner angle of each pleurite produced dorsad in a somewhat similar flattened lobe whose outer face is shiny and abundantly provided with erect hairs; this lobe bends dorsad and somewhat cephalad inside the outer pleural appendage; ninth sternite with a deep, V-shaped median notch, beneath the point of