

long as the second. Arista thickened on less than the basal half, the penultimate joint as broad or broader than long. Antennal fovea deeply concave. Median facial carina on its upper surface convex, as broad as the third antennal joint at its greatest width. Vibrissæ cruciate, situated on a level with the front edge of the oval margin, one or two weak bristly hairs above each. Proboscis shining black, once geniculate. Palpi black, slightly thickened at the tip. Occiput, except the epicephalon, covered with numerous short bristly black hairs.

Thorax black, brassy-gray pollinose with four distinct subshining brownish black vittæ, the outer vittæ considerably wider than the two median. Bearing three dorso-central bristles (the anterior two, sometimes very weak), and two distinct sternopleural bristles. Scutellum rather small, broader at the base, gradually narrowing to a rounded point apically. Bearing a pair of long basal and a single pair of long apical, marginal scutellar bristles. Median discal scutellar bristles weak.

Abdomen black, brassy-gray pollinose with a distinct median brownish black vitta. Clothed with numerous long sub-erect bristly hairs, which are somewhat stouter in the male. Hypopygium in the male black, pollinose, bearing black bristly hairs, protruding forward beneath the venter. In the female shining black, distended outward, a narrow deep median hollow groove on the dorsum. The outer margin thickly beset with rather long, flattened, pointed spines, directed upwardly.

Legs black, faintly pollinose. Knees reddish. Middle tibiæ each bearing a single short bristle on the outside below the middle. Hind tibiæ with a few short bristles on the outer margin. Last joint of front tarsi slightly longer than the tarsal claws. Pulvilli whitish.

Wings hyaline with a yellowish tinge at the base. First and third longitudinal veins not bristly. Posterior cross-vein straight. Bend of fourth longitudinal vein right angular, beyond bend approaching the third longitudinal vein in a straight line. Last section of the fifth longitudinal vein much shorter than the preceding section. Calypteres whitish, with a yellowish tinge along the borders.

*Habitat*—Saskatchewan, Canada.