

SOME NEW SPECIES OF THE GENUS *Lonchæa*  
(DIPTERA, LONCHÆIDÆ).

BY J. R. MALLOCH,  
Uabana, Ill.

*Lonchæa major*, sp. n.

*Male*.—Shining black, with a slight bluish tinge. Antennæ and palpi black; arista yellowish at base. Legs pitchy black, the hind tarsi hardly paler than their tibiæ. Wings hyaline, veins brownish yellow, whitish at bases. Calyptræ white, fringes concolorous except at junction of upper and lower, where there are some long, black, setulose hairs. Halteres black.

Eyes bare; frons about twice as long as wide, parallel-sided, surface with short, moderately dense hairs; upper orbits slightly rugose above, bare; frontal lunule hairy; longest hairs on arista over twice as long as its basal diameter; third antennal segment about four times as long as its width, extending to mouth margin. Scutellum with setulose hairs on margins and between apical bristles, the disc bare; pteropleura bare; no hairs adjacent to the stigmal bristle. Abdomen broad, with rather dense, short, setulose hairs on dorsum; fourth tergite about 1.5 as long as third. Hind femur without distinct anteroventral bristles. Auxiliary vein almost fused with first at its apex.

Length 6.5 mm.

*Type*.—Amazon, South America. Type in British Museum.

*Lonchæa nigrocærulea*, sp. n.

*Male*.—Blue-black, almost metallic in colour. Antennæ and palpi black; arista pale at base; upper orbits and ocellar triangle glossy. Legs black. Wings, calyptræ, and halteres as in *major*.

Frons about 1.5 as long as wide, sparsely hairy; upper orbits highly glossy smooth; third antennal segment about four times as long as wide, extending below mouth margin; arista as in *major*; palpi dilated, slightly protruded. Praescutellar acrostichals very long; scutellum as in *major*; pteropleura bare; no bristle hairs adjacent to stigmal bristle. Abdomen with longer hairs than in *major*, especially at apex of fourth tergite; fourth tergite about twice as long as third. Venation as in *major*, but the antepenultimate section of fourth vein is only two-thirds as long as penultimate, whereas in *major* it is three-fourths as long. Hind femur with a few distinct anteroventral bristles.

Length 4 mm.

*Type*.—Barbados (E. F. Becher). Type in British Museum.

*Lonchæa striatifrons*, sp. n.

*Male*.—Glossy steel-blue, the abdomen paler than the thorax. Frons shining black, ocellar spot and upper orbits glossy blue; third antennal segment reddish at base below. Legs black, tarsi with the exception of the apical two or three segments reddish testaceous. Wings clear, yellow at bases. Calyptræ white, fringes concolorous. Halteres black.

Frons less than twice as long as wide at anterior margin, not distinctly  
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