

Male.—Length 10 mm.; wing 10 mm. Head, mouth-parts, palpi and antennæ black; rostrum short; antennæ short, first joint long with grayish bloom above, second joint broadly subconic, joints three to five a little wider than the following joints and, like the latter, moniliform, outer joints somewhat elongate; the whole antennæ thinly clothed with short, black hairs, shorter than the respective joints. Front and occiput with a grayish bloom and, especially the latter, beset with black hairs. Neck three-quarters the length of front and occiput, transversely subrugulose.

Thorax concolorous, subglabrous; the usual stripes are subfoveate, the median stripe of equal width with an irregular, grayish median line; the interspaces with grayish bloom and a row of short, grayish hairs, directed outwardly; the grayish bloom is more dense on the posterior portion of the præscutum, so as to obscure the limitations of the stripes. Scutum, scutellum and postnotum with grayish bloom. Pleura with grayish bloom, dorso-pleural membrane obscurely yellowish. Halteres entirely pale, yellowish. Legs of moderate length and robustness, sordid yellow with black pilosity; coxæ yellowish-brown, darker anteriorly; anterior and middle femora infusate in apical fifth the posterior in the apical fourth; apices of tibiæ and outer tarsal joints infusate. Wings light brownish, costal portion more yellowish; veins brown, cord and vein *Cu*, *Cu*₂ and *A*₂ seamed with brown; *Sc*₂ on a line with the base of cell *R*₂; *Rs* long, slightly curved at its base, *R*₂₊₃ very short, scarcely longer than *Sc*₂, cross-vein *r* at the tip of *R*₁; the bases of cells *R*₂₊₃ and *R*₄₊₅ approximately in a line, cell *M*₁ about as long as its petiole; basal deflection of *Cu*, near the middle of cell 1st *M*₂; stigma elongate, quadrate, dark brown.

Abdomen dark brown; tergites two to four, somewhat reddish in the middle portion and thinly clothed with whitish hair. Hypopygium concolorous; the ninth tergite strongly narrowed posteriorly with a small, rounded median emargination. Pleurites large, hairy; the upper appendages dark testaceous, broadening for three-fifths their length, thence narrowed and ending in a dentiform point, the inner margin of the outer two-fifths strongly denticulate; the lower appendage broad in basal portion, and ending in a sharp point.

Holotype.—♂, Amherst Island, Magdalen Islands, Quebec, July 15th, 1917. (A. G. Huntsman).

Distinguished from *L. barberi*, which appears to be its nearest ally, by its larger size, brownish wings, dark brown stigma and veins *Cu* and *Cu*₂ strongly seamed with fuscous. The front femora are reddish-yellow, with only the apex infuscated.

***Limnophila adjuncta*, n. sp.**

Adusta group. Dark brown, thorax shining; costal cells fuscous; stigma dark brown; apical part of wing infusate; veins *Cu* and *Cu*₂ seamed with fuscous.

Length female 9.5 mm.; wing 10 mm.

Head dark fuscous, silvery-gray above; proboscis short, grayish above. Palpi brown. Antennæ short, first joint short, fuscous, joints two to five brownish-yellow, ovoidal, outer joints attenuated, brownish; pilosity of moderate length. A patch of black hair each side of occiput.

Thorax brown, shining; sides and perisutural foveæ grayish-yellow, pollinose. Scutum more distinctly pollinose. Scutellum reddish brown, shining.