

is fleshy at the base, more chitinized at the tip; its caudal or outer margin grooved to receive the outer appendage. Viewed from above, 9th tergite concave, with a projecting median lobe; anal tube conspicuous, more pointed at upper end than in *japonica*.

One male (Vial No. C; Tokyo, Japan; August, 1912); I give the above description to supplement Westwood's brief characterization. The species agree with *barbipes* Meigen (Europe) in its conspicuously hairy legs.

*Limnophila (Pæcilostola) japonica*, sp. n.

Wings spotted; tibiae and femora tipped with brown.

*Male*.—Length 10-13 mm.; wing 9.8 mm. *Female*, length 15 mm.; wing, 11-12.3 mm.

*Male*.—Rostrum and palpi dark brown; antennae dark brownish black, except segment three, which is pale yellow basally, the tip brown; antennae short, if extended backward it would barely reach the wing basis; segment one elongate, as long as the succeeding three combined; segments 2-5 broad, oval-pyriform, gradually becoming more cylindrical; segments 6-16 cylindrical more elongate toward the end; front, vertex and occiput dark brown.

Pronotum and mesonotum dark brown. Pleurae dark brown. Halteres long, stem yellow, knob brown. Legs: coxae and trochanters dull brownish yellow; femora light yellowish brown, the tip broadly brownish black; tibiae with base narrowly dark brown, remainder yellow, except the broad dark brown tip; tarsi dark brownish black. Wings tinged with brownish, cells C and Sc rather brighter; veins yellowish brown; wing spotted with brown, varying greatly in the size of the markings; in one (♀, Vial A), there are large brown spots at origin of Rs, tip of Sc and fork of R<sub>2+3</sub>, and abundant pale brown dots over the wing surface; in a second specimen (♂) the wing disk is heavily marked with brown, a series of brown marks in the costal cell, a large square blotch at origin of Rs, another at tip of Sc<sub>1</sub> extending partly down across the cord; others at tips of R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub>; large, paler brown dots in all the cells of the wing. Venation (see fig. 2, pl. III).

Abdomen: tergites brownish; sternites dull yellow, apical third of each sclerite brown. Hypopygium (see fig. 10, pl. X): viewed