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REPORT ON A COLLECTION OF JAPANESE CRANEF-LIES (TIPULIDÆ), WITH A KEY TO THE SPECIES OF PTYCHOPTERA.

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Tribe *Limnophilini*.

Genus *Limnophila* Macquart.

KEY TO THE JAPANESE LIMNOPHILÆ.

1. Wings unspotted (subgen. *Limnophila*) *inconcussa*, sp. n.
Wings marked with brown (subgen. *Pæcilostola*) 2.
2. Large species (male, length 22-25 mm.; wing over 15 mm.);
wings with a few large seams or blotches. *satsuma* Westw.
Small species (male, length 10-13 mm.; wing under 12 mm.)
wings with abundant dots in the cells. 3.
3. Legs and abdomen yellow throughout; petiole of cell M_1 as
long as cell 1st M_2 *varicornis* Coq.
Legs with segments tipped with brown; abdomen yellow and
brown; petiole of cell M_1 longer than cell
1st M_2 *japonica*, sp. n.

Limnophila inconcussa, sp. n.

Wings unspotted; cross-vein r far from tip of R_1 .

Rostrum brownish yellow beneath, brown above, palpi brown;
antennæ dark brown, the third segment more yellowish at its base;
antennæ short, reaching about to the wing basis; front, vertex
and occiput dark brown, dusted with grey.

Mesonotum greyish with a median brown stripe; pseudo-
sutural fovea and tuberculate pits very distinct, black; scutum,
scutellum and postnotum brown, pleuræ dark brown (probable
that the body, in dried specimens, is grey). Halteres pale. Legs:
coxæ and trochanters dull yellow; femora yellow, a little darkened

*Contribution from the Entomological Laboratory of Cornell University.