

- Fore coxæ yellowish, other coxæ black; scape of antennæ black.
 (Japan)..... *japonica*, sp. n.
6. Scutellum yellow. (Europe)..... *lacustris* Meig.
 Scutellum black..... 7
7. Abdomen with the basal third of the second segment and the
 basal one-half of the third segment reddish orange.
 (India)..... *distincta* Brun.
 Abdomen entirely black. (Europe)..... *paludosa* Meig.
8. Femora and tibiæ bright orange-yellow, tarsi coal-black.
 (Abdomen orange-yellow, tergites with blackish borders to
 the segments; sternites orange-yellow.)
 (India)..... *atratarsis* Brun.
 Femora and tibiæ more or less black or brown; tarsi not coal-
 black..... 9
9. Pleuræ silvery-white..... 10
 Pleuræ not white. Thorax different in colour in the two sexes;
 femora bright yellow, hind pair black on the basal two-thirds
 except the extreme base. (India)..... *tibialis* Brun.
10. Hind coxæ black except at tip; femora brown at tip; scutellum
 reddish; hypopygium large, reddish; first segment of the
 antennæ reddish. (West. U.S.)..... *lenis* O. S.
 Coxæ and femora yellow, the latter black at the tip; scutellum
 yellow; hypopygium small, mostly blackish; antennal scape
 black. (Europe)..... *scutellaris* Meig.

Ptychoptera japonica, sp. n.

Wings banded; radial sector very short; antennæ of the male
 very long, about as long as the body; abdomen with little reddish
 or yellowish colour.

Male.—Length, 8.5 mm; wing, 8.9 mm; antennæ, 8.4 mm.;
 fore leg, femur, 5.4 mm.; tibia, 5.4 mm.; tarsus, 8 mm.; middle leg,
 femur, 5.4 mm.; tibia, 5.1 mm.; tarsus, 7 mm. Hind leg, femur, 6.1
 mm.; tibia, 6.8 mm.; tarsus, 6.3 mm.

Female.—Length, 11.5–13.5 mm.; wing, 10.7–10.8 mm.
 Fore leg, femur, 5.6–5.8 mm.; tibia, 5.1–5.4 mm.; tarsus, 7 mm.
 Middle leg, femur, 5.4 mm.; tibia, 5.4 mm.; tarsus, 6.8 mm. Hind
 leg, femur, 6.2 mm.; tibia, 6.8 mm.; tarsus, 6.2 mm.