

near dorsi-meson is a pair of small brown setae: also a pair of setae near vasiform orifice, and on caudal margin of case. This latter pair is usually larger than the others, the setae extending dorso-caudad, some distance beyond the margin. There is a pair of minute setae on the margin of case, one on each side, near the caudo-lateral region. On the fourth abdominal segment on each side there is a group of from four to six minute pores. One or two pores are sometimes present on fifth segment on each side, just caudad of those on fourth. Vasiform orifice somewhat elevated, small, sub-elliptical, wider than long. Operculum nearly filling orifice; cephalic edge straight, lateral and caudal margins parallel with margins of orifice. Lingula rather short, not reaching margin of operculum. Rudimentary feet on ventral surface distinct.

*Adult*.—♀. Length about .8 mm.; length of front wing, .833 mm.; width of front wing, .3 mm.; length of antennae about .25 mm.; length of hind tarsus, .16 mm.; length of hind tibia, .28 mm. Colour, bright yellow; tarsi and distal end of tibiae more or less reddish; eyes deep brownish-red, varying to brownish-black. Wings all around on margin reddish, deepest on cephalic margin of first pair. First pair of wings spotted with bright red and brownish-black; two irregular red spots near proximal third, one on each side of the main vein, the smaller spot on cephalic side; caudal spot irregularly T-shaped. There are three or four brownish-black spots on the distal fourth of wing; one at tip, into which the vein merges, one cephalad, and one caudad of vein, with a fourth sometimes present near vein, somewhat proximad of the others; a light clouding may also sometimes occur at base of wing just caudad of basal veinlet.

Antennae of seven joints. First joint short, sub-conical, not quite one-half length of second; second joint pear-shaped, somewhat truncate distally, about three-fourths as wide as long; third joint long, slender, slightly longer than the distal four together; fourth short, cylindrical, about one-half length of fifth; fifth, sixth and seventh subequal in length; fifth and sixth sub-cylindrical; seventh somewhat fusiform, tapering distally and bearing a terminal seta. Joint third, and distally, rather minutely ringed. In third pair of legs, femur about three-fourths length of tibia. Tarsus and claw together about three-fourths length of tibia. Distal tarsal joint, excluding claw, four-fifths length of proximal. Mentum three jointed; proximal joint long, slender, about six-sevenths length of distal two together; second joint short; third, about a fourth longer than