

base rufo-piceous ; thorax laterally and beneath honey-yellow ; mesothorax and scutellum fusco-ferruginous, the former darker laterally ; metathorax piceous-black, the flanks honey-yellow ; tegulæ yellowish-white ; wings hyaline, iridescent, nervures luteo-fuscous, stigma luteous ; legs luteous, posterior tibiæ paler, the extreme base and apex fuscous, their tarsi dusky towards the apex ; abdomen long, slender, polished black, apical margin of third segment obscurely testaceous ; venter luteous. Length  $2\frac{1}{2}$  lines.

*Hab.*—Illinois. Easily distinguished from the other species by the black abdomen.

2. *Mesochorus agilis*, Cresson. *Proc. Ent. Society Phila.*, April, 1865, p. 266.

♀. Black, polished ; most of clypeus, extreme lower portion of cheeks, mandibles except tips, and the palpi, yellowish ; antennæ longer than the body, slender, brown-black ; tegulæ and a spot before pale yellowish ; wings ample, hyaline, iridescent, nervures pale fuscous, yellowish at base of wing, as well as costa and stigma ; legs obscure luteous, posterior coxæ fuscous, tips of their tibiæ and their tarsi dusky ; abdomen piceous black, polished, apical margin of second segment, and the whole of the third, obscure luteous ; venter stained with yellowish. Length  $3\frac{1}{4}$  lines.

*Hab.*—Colorado. This is the largest species known to me.

3. *Mesochorus luteipes*. *N. sp.*—♀ Black, shining ; face, mouth, and lower part of cheeks luteous ; middle of face and tips of mandibles dusky ; antennæ nearly as long as the body, slender, fuscous, scape pale honey yellow ; prothorax beneath and tegulæ luteous ; wings hyaline, iridescent, nervures and stigma pale fuscous ; legs luteous, posterior coxæ and femora slightly tinged with fuscous, the extreme base and apex of their tibiæ dusky, also more or less of their tarsi ; abdomen above piceous-black, polished, most of the third segment dull luteous, apical segments have a brownish tinge ; venter rufo-testaceous. Length 2 lines.

*Hab.*—New Jersey. Much smaller than *Agilis*, which it resembles in having the thorax almost entirely black ; it is, however, abundantly distinct.

4. *Mesochorus basalis*. *N. sp.*—♀. Honey-yellow ; spot covering ocelli and confluent with a large transverse mark on occiput, tips of mandibles, mesothorax, scutellar region, metathorax entirely and spot beneath wings, black ; antennæ ferruginous ; face luteous, with small dusky stains ; two faint longitudinal lines on mesothorax and most of scutellum, honey-yellow and concolorous with pleura ; tegulæ pale luteous ;