

wings hyaline, iridescent, stigma fuscous, nervures paler; legs pale honey-yellow, coxæ and posterior tibiæ luteous, tips of the latter dusky, as well as most of the tarsi; abdomen honey-yellow, the first, and the second segments except apical margin, black. Length  $2\frac{3}{4}$  lines.

*Hab.*—Massachusetts.

5. *Mesochorus americanus*. *N. sp.*—♀. Pale honey-yellow; spot enclosing ocelli, sometimes more or less of occiput, tips of mandibles, mesothorax and more or less of metathorax above, black; antennæ as long as body, slender, varies from rufo-testaceous to fuscous, with the scape luteous; scutellum and region honey-yellow; tegulæ luteous; wings hyaline, iridescent, nervures and stigma pale fuscous; legs pale luteous, almost white, the femora tinged with yellowish, extreme apex of posterior tibiæ blackish; abdomen fusiform, very slender at base, first segment above entirely black, second luteous, with the basal half black, the margin indented anteriorly, so that in some specimens the black is divided into two subquadrate spots, remaining segments luteous, with fuscous apical margins; venter luteous. Length  $2\frac{1}{2}$  lines.

*Hab.*—Pennsylvania, Delaware, Illinois.

6. *Mesochorus totonacus*. *N. sp.*—♀. Pale honey-yellow, metathorax and abdomen darker, smooth and polished; tips of mandibles, antennæ except base, first segment of abdomen and basal half of second, black; wings hyaline, iridescent, nervures and stigma blackish; tips of posterior femora, of their tibiæ and of all the tarsi, dusky. Length  $2\frac{1}{4}$  lines.

*Hab.*—Orizaba, Mexico.

7. *Mesochorus vitreus*, Walsh. *Ins. Inj. to Veg. in Ills.*, p. 36.

“♂. General colour light rufous; eyes and ocelli black; antennæ fuscous, except towards base; upper surface of thorax sometimes fuscous; intermediate and posterior tibiæ with spurs equal to one-fourth of their length, posterior knees slightly dusky, tips of posterior tibiæ distinctly dusky; wings hyaline, nervures and stigma dusky; abdomen, a translucent yellowish-white in its central one-third, the remaining two-thirds piceous-black, with a distinct narrow yellowish annulus at the base of the third joint. The ♀ differs from the ♂ in the head from the mouth upwards being piceous; the thorax and pectus are also piceous-black; abdomen as in the ♂. Length .08—.13 inch.”

*Hab.*—Illinois. Bred from the Army-worm (*Leucania unipuncta*, Haw). This species is unknown to me. The ♂ seems to be closely allied to that of *scitulus*, *n. sp.*, but the ♀ is entirely different.