

- 8.—Front of female partly shining black..... 9
 Front in both sexes wholly opaque and covered with pollen..... 11
- 9.—Abdomen of female opaque on the first six segments, front with two shining black spots..... *Johnsonii*, n. sp.
 Abdomen of female largely shining..... 10
- 10.—Front of female with a shining black spot reaching the lower ocellus; pollen on sides of front extending less than half way from each eye to lower ocellus..... *strigipes*, Loew.
 Front of female having the lower half shining, the upper half covered with pollen..... *hirticeps*, Loew.
 Front of female wholly shining black, except each lower corner..... *nigra*, Say.
 Front of female with only one shining black spot; pollen on sides of front nearly or quite reaching the lower ocellus..... *frontalis*, Say.
- 11.—Pile of front largely black..... 13
 Pile of front wholly white, front of female destitute of large, velvet-black spots..... 12
- 12.—Bristles of occiput black, eighth abdominal segment in the female shining black, stigma dark brown..... *albifrons*, Say.
 Bristles of occiput whitish, eighth segment in the female covered with pollen, stigma pale yellow..... *novella*, n. sp.
- 13.—Wings hyaline, the cross-veins not broadly bordered with brown.. 14
 Wings brownish, the cross-veins broadly bordered with darker brown..... *comata*, Loew.
- 14.—Third joint of antennæ unusually short, inverted pyriform, the first joint very robust..... *melanophleba*, Loew
 Third joint of antennæ not unusually short..... *melanoneura*, Loew.

Thereva semitaria, n. sp. ♂ black, the antennæ, palpi, knob of the halteres, posterior margins of the second and third abdominal segments, hypopygium, femora, tibiae, except the tips, and base of tarsi, yellow, the femora sometimes brown. Head and entire body whitish pollinose, the entire pile white, the bristles, except those of the legs, yellowish-white. Third antennal joint as long as the first and nearly twice as broad, being three fourths as broad as long; style one-third as long as the third joint. Thorax not distinctly vittate. Wings grayish-hyaline, the costal margin usually a darker gray, veins largely yellow, very narrowly bordered with brown, stigma dark brown, fourth posterior cell closed and short petiolate.