

SYNOPSIS OF THE DIPTEROUS GENUS THEREVA.

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The following table contains all the species of *Thereva* known to me as occurring in this country north of Mexico. *Thereva torgissa*, Say. (*corusca*, Weid.), and *T. crassicornis*, Will (*non Bellardi*), belong to *Psilocephala*. *Thereva nigra*, Say., is a true *Thereva*. *T. albiceps*, Loew., is evidently the same as *albifrons*, Say; and *gilvipes*, Loew., is the other sex of *flavincta*, Loew., as that author suspected at the time of describing these two forms. Walker's and Macquart's species have not been identified, nor could this be done with any degree of certainty except by an examination of the type specimens.

The table is as follows :—

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| 1.—Antennæ black | 3 |
| Antennæ yellow ; California species | 2 |
| 2.—Pile and bristles of head and thorax wholly whitish, knob of halteres yellow, front of female wholly opaque | <i>semitaria</i> , n. sp. |
| Pile and bristles of head and thorax largely black, knob of halteres black, front of female with a shining black spot | <i>fucata</i> , Loew. |
| 3.—Femora largely or wholly black | 5 |
| Femora yellow, knob of halteres black, front of female with one or two shining black spots | 4 |
| 4.—Front of female with two shining black spots, front of male destitute of black pile | <i>duplicis</i> , n. sp. |
| Front of female with only one shining black spot, front of male with many black pile | <i>flavincta</i> , Loew. |
| 5.—Knob of halteres black | 8 |
| Knob of halteres yellow or white, front of female destitute of shining black spots | 6 |
| 6.—Front of female with two large, velvet-black spots, apices of femora black | 7 |
| Front of female destitute of such spots, apices of femora broadly yellow, cross-veins of wings not bordered with brown | <i>candidata</i> , Loew. |
| 7.—Stigma dark brown, cross-veins bordered with brown | <i>otiosa</i> , n. sp. |
| Stigma pale yellow, cross-veins not bordered | <i>vialis</i> , O. S. |