

stripe, and a sublateral reddish-olivaceous one, and a complete lateral yellow stripe. In only one specimen is the band of the second abdominal segment "ondulée"; in the others it is straight, and not at all interrupted.

The following species have also been described from Mexico:—

- Mesogramma ectypum*, Say, Journ. Acad. Phil. vi. p. 165; Complete Writings, ii. p. 359 (*Syrphus*).—Mexico.
- *lineare*, v. d. Wulp, Tidjschr. v. Ent. xxvi. p. 5 (*Mesograptia*).—Mexico.
- *bicinctum*, Bigot, Ann. Soc. Ent. Fr. 1884, p. 112 (*Mesograptia*).—Mexico.
- *bistrigum*, Bigot, loc. cit. 1884, p. 110 (*Mesograptia*).—Mexico.
- *heraldicum*, Bigot, loc. cit. 1884, p. 109 (*Mesograptia*).—Mexico.
- *lacrymosum*, Bigot, loc. cit. 1884, p. 108 (*Mesograptia*).—Mexico, Brazil.
- *maculatum*, Bigot, loc. cit. 1884, p. 111 (*Mesograptia*).—Mexico, Cuba, Brazil.
- *mu*, Bigot, loc. cit. 1884, p. 105 (*Mesograptia*).—Mexico.
- *trilobatum*, Bigot, loc. cit. 1884, p. 109 (*Mesograptia*).—Mexico.
- *quinquecinctum*, Bigot, loc. cit. 1888, p. 254 (*Mesograptia*).—Mexico.
- *quinquemaculatum*, Bigot, loc. cit. 1888, p. 254 (*Mesograptia*).—Mexico.

Certain specimens here considered as belonging to *M. mutuum* would agree well with the description of *M. ectypum*, save for the "tergum black, edged all round with yellow; second segment with two yellow dots."

### SALPINGOGASTER.

*Salpingogaster*, Schiner, Reise der Novara, Diptera, p. 344 (1868).

#### *Synopsis of the Central-American species.*

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1. Red and yellow species; legs in great part yellow . . . . .                                                                                                    | 2.                          |
| Black species; legs in great part black . . . . .                                                                                                                 | 3.                          |
| 2. Legs wholly yellow (female) . . . . .                                                                                                                          | <i>pygophora</i> , Schiner. |
| Tarsi and hind legs in part black . . . . .                                                                                                                       | <i>cothurnata</i> , Bigot.  |
| 3. Sides of the metanotum with a yellow spot; a projection of the brown anterior border running back over the cross-veins of the wings. Length 11 millim. . . . . | <i>limbipennis</i> , sp. n. |
| Sides of the metanotum without yellow spot; cross-veins not clouded. Length 15–16 millim. . . . .                                                                 | <i>nigra</i> , Schiner.     |