

MESOGRAMMA.

Toxomerus, Macquart, Dipt. Exot. 5^e Suppl. p. 92 (1855).

Mesogramma, Loew, Centur. vi. p. 47 (1865); Berl. ent. Zeitschr. 1865, p. 157.

Mesograptia, Loew, Centur. x. p. 290 (1872); Berl. ent. Zeitschr. 1872, p. 114.

I have restored the name *Mesogramma* in place of *Mesograptia*, as the change was arbitrarily made by Loew on the plea that *Mesogramma* had been used for a genus of plants. As zoologists admit no conflict between zoological and botanical terms, the change cannot be consistently accepted.

The remarks under *Sphærophoria* are yet more applicable here. I do not wish to add to the confusion already unnecessarily increased by Bigot, and so refrain from adding new names for others to puzzle over.

Synopsis of the recognized Central-American species.

- | | |
|---|-------------------------------|
| 1. Scutellum yellow | 2. |
| Scutellum black, with or without a yellow border | 5. |
| 2. Abdomen with a yellow lateral margin | <i>marginatum</i> , Say. |
| Abdomen not margined with yellow | 3. |
| 3. Second, third, and fourth abdominal segments with the anterior margin, a median stripe, and a pair of oblong, sometimes confluent, spots, yellow. (8-9 millim.) | <i>politum</i> , Say. |
| Abdomen not so marked | 4. |
| 4. Abdominal bands straight, uniform | Sp. (no. 8). |
| Abdominal bands irregular | ? <i>mutuum</i> , Say. |
| 5. Lateral margins of the mesonotum with a complete yellow stripe | 6. |
| Humeri, and sometimes the postalar callosities, only, yellow | 8. |
| 6. Larger species (8-9 millim.); fourth abdominal segment with a narrow anterior margin and median stripe, and a slender oblique spot, contiguous with the lateral margin, yellow | <i>saphiridiceps</i> , Bigot. |
| Smaller species. (5-7 millim.) | 7. |
| 7. Mesonotum deep shining black, with cinereous line and lateral stripe | Sp. (no. 6). |
| Mesonotum olivaceous or reddish, subopaque—between the cinereous line and the lateral stripe | <i>pallipes</i> , Bigot. |
| 8. Second abdominal segment shining black (♂) | Sp. (no. 4). |
| Second abdominal segment with an opaque black spot | Sp. (no. 5). |

1. *Mesogramma saphiridiceps*.

Mesograptia (?) *saphiridiceps*, Bigot, Ann. Soc. Ent. Fr. 1884, p. 105¹.

Hab. MEXICO¹, Xucumanatlan 7000 feet, Omilteme 8000 feet (*H. H. Smith*).