

the fourth vein; a stump on the penultimate section of the third vein; last section of fourth vein not angulated or broken.

Length 10 millim.

*Hab.* MEXICO, La Venta in Guerrero 300 feet (*H. H. Smith*).

One specimen.

The present species is in all respects a *Microdon* with a pedicellate abdomen, though a true *Mixogaster*.

### MICRODON.

*Microdon*, Meigen, in Illiger's Magazin, ii. p. 275 (1803).

*Aphritis*, Latreille, Hist. Nat. Crust. et Ins. xiv. p. 358 (1805).

*Ceratophya*, Wiedemann, Aussereur. zweifl. Ins. ii. p. 79 (1830).

*Dimeraspis*, Newman, Ent. Mag. v. p. 372 (1838).

*Mesophila*, Walker, List Diptera, iv. p. 1157 (1849).

*Ubristes*, Walker, Ins. Saunders., Diptera, p. 217 (1856).

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

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|--|----------------------------|
| 1. Scutellum with distinct points or spines . . . . .  | 2.                         |
| Scutellum rounded or emarginate, without points or spines;<br>small species . . . . .  | 5.                         |
| 2. Large, resplendent green, violet and coppery species; spines of<br>scutellum remote; legs without yellow; wings without clouds. | <i>aurifex</i> , Wiedem.   |
| Not such species; spines of scutellum approximate . . . . .  | 3.                         |
| 3. Deep opaque black, elongate species; wings black, with the<br>extremity yellow . . . . .  | <i>niger</i> , sp. n.      |
| Smaller, more or less metallic species . . . . .   | 4.                         |
| 4. Slender species; wings fasciate; antennæ short . . . . .  | <i>baliopterus</i> , Loew. |
| Moderately elongate species; antennæ not unusually short;<br>wings not fasciate . . . . .  | ? <i>gracilis</i> , Bigot. |
| 5. Legs black; abdomen broad and flattened . . . . .   | 6.                         |
| Legs yellow; hind tibiæ dilated and ciliated; abdomen yellowish-<br>red; wings hyaline . . . . .                                   | Sp. (no. 5).               |
| 6. Third joint of antennæ large, elongate, falcate . . . . .   | <i>falcatus</i> , Willist. |
| Third joint of antennæ not markedly enlarged at the base . . . . .   | Sp. (no. 6).               |

#### 1. *Microdon aurifex*. (Tab. I. figg. 2, ♂; 2 a, head.)

*Microdon aurifex*, Wiedem. Aussereur. zweifl. Ins. ii. p. 85<sup>1</sup>; Willist. Synopsis N.-Am. Syrphidæ, p. 9<sup>2\*</sup>.

*Aphritis aurifex*, Macq. Dipt. Exot. ii. 2, p. 11, t. 2. f. 2<sup>3</sup>.

*Microdon trochilus*, Walker, Ins. Saunders., Dipt. p. 216<sup>4</sup>.

? *Microdon*, sp., Willist. Trans. Am. Ent. Soc. xv. p. 258<sup>5</sup>.

*Hab.* MEXICO<sup>4</sup>, Omilteme 8000 feet, Xucumanatlan 7000 feet, Cuernavaca (*H. H. Smith*), Isthmus of Tehuantepec<sup>2</sup>.—BRAZIL<sup>1 5</sup>, Pará<sup>3</sup>.

\* Bull. U.S. Nat. Mus. no. 31 (1886).