

as long as wide, shorter than the first two joints together. Mesonotum and scutellum shining bronze-black, with light-coloured pile; scutellum with a slender groove before its tip. Abdomen shining bronze, rather thickly yellow-pilose; second segment, except the sides, and a large spot on the third, opaque black. Legs black, all the femora more or less shining metallic above; pile white; the articulations of the tarsi somewhat reddish. Wings broadly clouded distally; a large, diffuse, brownish spot in the middle; posterior cross-vein and the last section of the fourth vein oblique, nearly straight.

Length 8 millim.

*Hab.* MEXICO, Xucumanatlan in Guerrero 7000 feet (*H. H. Smith*).

Three specimens.

This species is a *Pipizella* in its narrowest sense, that is, it has the auxiliary vein terminating before the anterior cross-vein.

## CHRYSOGASTER.

*Chrysogaster*, Meigen, in Illiger's Magazin, ii. p. 274 (1803).

*Orthonevra*, Macquart, Hist. Nat. Ins., Dipt. (Suites à Buffon), i. p. 563 (1834).

*Campeneura*, Rondani, Dipt. Ital. Prodr. ii. p. 163 (1857).

*Cryptineura*, Bigot, Rev. et Mag. Zool. 1859, p. 308.

### 1. *Chrysogaster nitida*.

*Chrysogaster nitidus*, Wiedem. Aussereur. zweifl. Ins. ii. p. 116<sup>1</sup>.

*Orthoneura nitida*, Schiner, Reise der Novara, Dipt. p. 368<sup>2</sup>.

*Chrysogaster nitida*, Willist. Synopsis N.-Am. Syrphidæ, p. 35, t. 2. figg. 7, 7 a<sup>3</sup>.

*Cryptineura hieroglyphica*, Bigot, Rev. et Mag. Zool. 1859, p. 308<sup>4</sup>.

*Orthoneura hieroglyphica*, Loew, Centur. iv. no. 58, nota, in Berl. ent. Zeitschr. 1863, p. 306<sup>5</sup>.

*Hab.* NORTH AMERICA<sup>1</sup>, New England<sup>3</sup>, Pennsylvania<sup>3</sup>, Virginia<sup>3</sup>, South Carolina<sup>3</sup>, Kansas<sup>3</sup>, New Orleans<sup>4</sup>. — MEXICO, Amula, Vera Cruz (*H. H. Smith*). — SOUTH AMERICA<sup>2</sup>.

Two specimens from Mexico, agreeing in all respects with others from the eastern United States.

### 2. *Chrysogaster bellula*.

*Chrysogaster bellulus*, Willist. Trans. Am. Phil. Soc. xx. p. 304<sup>1</sup>.

*Chrysogaster bellula*, Willist. Synopsis N.-Am. Syrphidæ, p. 36, t. 2. figg. 6, 6 a<sup>2</sup>.

*Hab.* UNITED STATES, Washington<sup>2</sup>, California<sup>1 2</sup>, Colorado<sup>1 2</sup>. — MEXICO, Ciudad in Durango 8100 feet (*Forrer*), Patzcuaro (*F. D. Godman*).

This species may be easily confounded with *C. nitida*. In addition to the differences in the length of the second antennal joint, and in the facial profile, there is a distinctive character to be found in the markings of the eye. In *C. nitida* the lines are labyrinthine above as well as below the subhorizontal line; in *C. bellula*, on the contrary, the two lines running to the orbital margin are parallel and only gently curved.