

### 1. *Baccha conjuncta*.

*Syrphus conjunctus*, Wiedem. Aussereur. zweifl. Ins. ii. p. 116<sup>1</sup>.

*Baccha conjuncta*, Willist. Trans. Am. Ent. Soc. xv. p. 267<sup>2</sup>.

*Hab.* SOUTH AMERICA<sup>1</sup>, Brazil<sup>2</sup>.—MEXICO, Atoyac in Vera Cruz (*H. H. Smith*).

A single female specimen, agreeing well with one from Brazil.

### 2. *Baccha phæoptera*.

*Bacha phæoptera*, Schiner, Reise der Novara, Diptera, p. 342<sup>1</sup>.

*Baccha phæoptera*, Willist. Trans. Am. Ent. Soc. xv. p. 267<sup>2</sup>.

*Hab.* MEXICO, Venta de Zopilote 2800 feet, Xucumanatlan 7000 feet, and Amula 6000 feet, all in Guerrero, Atoyac in Vera Cruz, Teapa in Tabasco (*H. H. Smith*); GUATEMALA, San Gerónimo (*Champion*).—SOUTH AMERICA<sup>1</sup>, Brazil<sup>2</sup>.

Twenty-five specimens, agreeing closely with others from Brazil. A single male example from Guatemala differs markedly from the rest in the shape of the abdomen, which is shorter and more spatulate, the second segment being only a little longer than the width of the third behind.

### 3. *Baccha livida*.

*Bacha livida*, Schiner, Reise der Novara, Diptera, p. 343<sup>1</sup>.

*Baccha livida*, Willist. Trans. Am. Ent. Soc. xv. p. 268<sup>2</sup>.

*Hab.* MEXICO, Venta de Zopilote in Guerrero 2800 feet, Atoyac in Vera Cruz (*H. H. Smith*), Temax in North Yucatan (*Gaumer*).—SOUTH AMERICA<sup>1</sup>, Brazil<sup>2</sup>.

Eight specimens, agreeing well with others from Brazil.

### 4. *Baccha clavata*.

*Syrphus clavatus*, Fabr. Ent. Syst. iv. p. 298<sup>1</sup>.

*Baccha clavata*, Fabr. Syst. Antl. p. 200<sup>2</sup>; Wiedem. Aussereur. zweifl. Ins. ii. p. 94<sup>3</sup>; Willist. Trans. Am. Ent. Soc. xv. p. 270<sup>4</sup>.

*Bacha clavata*, Schiner, Reise der Novara, Diptera, p. 341<sup>5</sup>.

*Baccha babista*, Walk. List Diptera, iii. p. 549<sup>6</sup>; Willist. Synopsis N.-Am. Syrphidæ, p. 117, t. 4. f. 9<sup>7</sup>.

*Baccha facialis*, Thomson, Eugen. Resa, Ins. p. 504<sup>8</sup>.

*Spazigaster bacchoides*, Bigot, Ann. Soc. Ent. Fr. 1883, p. 326<sup>9</sup>.

*Hab.* NORTH AMERICA<sup>9</sup>, Georgia<sup>6 7</sup>, Florida<sup>7</sup>, Arizona<sup>7</sup>, California<sup>7</sup>.—MEXICO (*H. H. Smith*).—SOUTH AMERICA<sup>3 5</sup>, Galapagos Is.<sup>8</sup>, Brazil<sup>4</sup>; WEST INDIES<sup>1 2</sup>.

A widespread species that seems to occur everywhere throughout North and South America and the adjoining islands. There are about twenty specimens in the collection, from different regions of Mexico (*H. H. Smith*).