

The following species have been described by Bigot:—

- Phalacromyia vicina*, Bigot, Ann. Soc. Ent. Fr. 1883 (*Phalacromyia*).—Mexico.
 ——— *melanorhina*, Bigot, loc. cit. p. 86 (*Phalacromyia*).—Mexico.
 ——— ? *volucelloides*, Bigot, loc. cit. p. 548 (*Glaurotricha*).—Mexico.

The generic distinctions between *Glaurotricha* and *Phalacromyia* are, to say the least, very doubtful, and for the present I believe the name *Glaurotricha* should be held in abeyance.

VOLUCELLA.

- Volucella*, Geoffroy, Hist. des Ins. envir. de Paris, p. 540 (1762).
Cenogaster, Duméril, Zool. Analyt. p. 282 (1806); Dict. des Sciences nat. Strasbourg, vii. p. 368 (1817).
Temnocera, St.-Fargeau & Serville, Encycl. Méth. x. 786 (1825); Macquart, Dipt. Exot. ii. 2, p. 26 (1842).
Ornidia, St.-Fargeau & Serville, Encycl. Méth. x. p. 786 (1825).
Atemnocera, Bigot, Bull. Soc. Ent. Fr. 1882, p. cxiv.

Synopsis of the recognized Central-American species.

- A. Large, inflated species; face, in profile, descending, without distinct concavity above or tubercle below; antennæ small; scutellum without bristles; second longitudinal vein not sinuous at its extremity; abdomen clothed with short, recumbent, bristly hairs.
- a. Wings with a large dark brown spot 4. *quadrata*, sp. n.
 - aa. Wings with small brown clouds on the cross-veins.
 - b. Black and deep red species; abdomen not banded . . . 1. *castanea*, Bigot.
 - bb. Largely yellow or reddish-yellow species; abdomen with black bands.
 - c. Red or reddish-yellow species; head of male very large; wings strongly infuscated on the basal portion; very large species 2. *lata*, Wiedem.
 - cc. Light yellow species; mesonotum and abdomen largely black; wings not strongly infuscated at the base . . . 3. *isabellina*, Willist.
- B. Medium-sized species; second longitudinal vein, near its extremity, distinctly sinuous, bending into the submarginal cell; no prescutellar bristles.
- a. Margin of the scutellum without bristles.
 - b. Mesonotum thickly yellow-pilose; second abdominal segment with a pair of slender crescentic spots 10. *ornata*, sp. n.