

16. **Cotinis pulverulenta.** (Tab. XXII. fig. 10, ♂.)

Cotinis pulverulenta, Burm. Handb. der Ent. iii. p. 262¹.

Cotinis gracilis, Sharp, Journ. Linn. Soc., Zool. xiii. p. 137².

Hab. MEXICO¹, Mirador (*Sallé*), Almolonga (*Höge*), Valladolid in Yucatan (*Gaumer*); BRITISH HONDURAS, Cayo (*Blancaneaux*); HONDURAS².

Burmeister mistook a (probably slender) female example for the male, and described both sexes as having sharply tridentate anterior tibiae and the scattered scaly clothing as changing into scaly hairs on the under surface and legs. But the true males, in fact, have remarkably slender fore tibiae, with no conspicuous tooth except the long curved terminal one; the second tooth is only slightly indicated, and in some examples entirely wanting, and the uppermost tooth is a very short sharp spine. The males have scattered oval scales over the entire body and legs; in the females the scales change on the pygidium, under surface, and legs into more or less slender hairs. In length the species varies from 17 to 21 millim., and in width from $7\frac{1}{2}$ to 12 millim. *C. gracilis*, Sharp, is founded on a slender male example.

We figure an individual from Mirador.

17. **Cotinis adspersa.** (Tab. XXI. fig. 14.)

Cotinis adspersa, Sharp, Journ. Linn. Soc., Zool. xiii. p. 136¹.

Hab. NICARAGUA, Chontales (*Belt*¹).

A very distinct species. The frontal horn is much raised and laterally compressed, with a rather long free end pointed and curving downwards; in *C. pulverulenta* it forms a scarcely perceptible longitudinal swelling, free at the end through the deep pit-like depression of surface of the clypeus.

18. **Cotinis — ?**

Hab. MEXICO, Santa Clara in Chihuahua (*Höge*).

One example, crushed and distorted, of an evidently new species allied to *C. antonii*.

GYMNETIS.

Gymnetis, MacLeay, Horæ Ent. i. p. 153 (1819); Burmeister, Handb. der Ent. iii. p. 264; Lacordaire, Gen. Col. iii. p. 499.

A genus characteristic of Tropical America and comprising about 100 described species.

1. **Gymnetis cinerea.**

Gymnetis cinerea, Gory & Perch. Monogr. Cétoin. p. 371, t. 75. fig. 4; Burmeister, Handb. der Ent. iii. p. 268¹.

Var. *Gymnetis punctata*, Blanch. Cat. Coll. Ent. i. p. 36².

Hab. MEXICO^{1 2}, Monterey in Nuevo Leon, Villa Lerdo in Durango, Aguas Calientes
BIOL. CENTR.-AMER., Coleopt., Vol. II. Pt. 2, March 1889. 2 ZZ