

pygidium, in the frontal horn having only a short free extremity, the sides of the thorax simply rounded, and in the mesosternal part of the sternal process being much broader and shorter. It is remarkable that the clypeal horn, so variable in form in *C. mutabilis*, is here always very short and triangular.

Found in rotten pine-apples and other fruits (*Champion*).

### 8. *Cotinis subviolacea*.

*Gymnetis subviolacea*, Gory & Perch. Monogr. Cétoin. p. 333, t. 66. fig. 6<sup>1</sup>.

*Cotinis subviolacea*, Burm. Handb. der Ent. iii. p. 259<sup>2</sup>.

*Hab.* MEXICO<sup>1 2</sup>, Cordova, Tuxtla (*Sallé*), Jalapa (*Höge*), Teapa, Orizaba (*H. H. Smith*), Temax and Valladolid in Yucatan (*Gaumer*); GUATEMALA (*Sallé*), Coban in Vera Paz (*Conradt*).

Varies from glossy black through violaceous, purple-brown, on to brassy-green. Some examples show faint rows of punctures on the elytra, and in others the clypeal horn is obsolete, or visible only as an indistinct triangular fold of the posterior edge of the front margin.

### 9. *Cotinis plicatipennis*.

*Cotinis plicatipennis*, Blanch. Cat. Coll. Ent. i. p. 33<sup>1</sup>.

*Hab.* MEXICO<sup>1</sup>, Jalapa (*Salle*, *Höge*).

Probably only a variety of *C. subviolacea*, but besides the transverse inequalities and folds of the elytral surface, which constitute its sole structural difference, the colours are more brilliant—golden or brassy-green and sometimes lustrous coppery.

### 10. *Cotinis viridicyanea*.

*Gymnetis viridicyanea*, Perbosc, Rev. Zool. 1839, p. 262<sup>1</sup>.

*Cotinis viridicyanea*, Schaum, Ann. Soc. Ent. Fr. 1844, p. 356.

*Cotinis subviolacea* var. *viridicyanea*, Burm. Handb. der Ent. iii. p. 259.

*Hab.* MEXICO<sup>1</sup>, Campeche (*Salle*), Temax in North Yucatan (*Gaumer*).

Sent in abundance from Temax by Gaumer.

### 11. *Cotinis polita*.

*Cotinis polita*, O. Janson, Cist. Entom. ii. p. 133<sup>1</sup>.

*Hab.* NICARAGUA, Chontales (*Janson*<sup>1</sup>); PANAMA, Bugaba (*Champion*), Chiriqui (*Trötsch*).

A glossy black species, with frontal carina gradually lowering and not free at its extremity.