

All the specimens from Costa Rica are of the less metallic var. 1; in the State of Panama the same variety occurs, mingled with vars. 2 & 4. The most richly-coloured examples are from Chontales, where var. 1 appears not to occur.

We figure a pair from Chontales.

9. **Phanæus melampus.** (Tab. IV. figg. 1, ♂; 1 a, side view of head and thorax.)

Phanæus melampus, Harold, Ann. Soc. Ent. Fr. 1863, p. 165¹.

Hab. MEXICO¹, Cordova, Tuxtla, Oaxaca (*Sallé*), Jalapa (*Höge*); GUATEMALA (*Sallé*).

♂ effœminatus. In loco cornu capitis carina triangulariter elevata. Thorax disco antice vix planato, medio utrinque tuberculo lævi.

We figure a fully-developed male from Cordova.

10. **Phanæus guatemalensis.**

Phanæus guatemalensis, Harold, Col. Hefte, viii. p. 114¹.

Hab. GUATEMALA¹ (*Sallé*), El Tumbador, Cerro Zunil, Volcan de Agua (*Champion*).

♂ minor fere effœminatus. Cornu capitis brevissimum, acute compresso-conicum. Thorax disco anteriore concavo-deplanato, posterius tuberculis lævibus tribus, mediano minuto.

11. **Phanæus amethystinus.** (Tab. IV. figg. 3, ♂; 3 a, side view of head and thorax.)

Phanæus amethystinus, Harold, Ann. Soc. Ent. Fr. 1863, p. 169¹.

Hab. MEXICO, Orizaba (*Sallé*¹), Zacualtipan in Hidalgo, Misantla, Jalapa, Las Vigas (*Höge*); GUATEMALA, Panima and Purula in Vera Paz (*Champion*).

♂ minor fere effœminatus. Cornu capitis brevissimum, acute compresso-conicum. Thorax disco anteriore concavo-deplanato, posterius utrinque tuberculo elongato vel carina brevi lævi.

A fully-developed male from Orizaba is figured.

12. **Phanæus damocles.** (Tab. IV. figg. 4, ♂; 4 a, side view of head and thorax.)

Phanæus damocles, Harold, Ann. Soc. Ent. Fr. 1863, p. 165¹.

Hab. MEXICO¹, Oaxaca, Capulalpam (*Boucard*¹), Duraznal, Panistlahuaca (*Sallé*), Juquila, Oaxaca (*Höge*), Mochitlan in Guerrero (*Baron*).

The fully-developed male example figured is from Capulalpam.

13. **Phanæus quadridens.** (Tab. IV. figg. 5, ♂; 5 a, side view of head and thorax; 6, ♀, var.)

Copris quadridens, Say, Boston Journ. Nat. Hist. i. p. 176 (1835)¹; Complete Writings, ii. p. 650.

Phanæus violaceus, Casteln. Hist. Nat. Ins. Col. ii. p. 81 (1840)².

Hab. MEXICO^{1 2}, Santa Clara in Chihuahua, Villa Lerdo, Durango city, Pachuca in Hidalgo, Aguas Calientes, Las Vigas, Maltrato, Juquila, Jalapa (*Höge*), Hacienda de