

is, however, sometimes diffused over nearly the entire surface, and is often brown without brassy tinge.

We figure an example from Los Remedios.

5. *Onthophagus acuminatus*. (Tab. V. figg. 3, ♂; 3a, side view of head and thorax.)

Onthophagus acuminatus, Harold, Stett. ent. Zeit. 1880, p. 30¹.

Hab. PANAMA, Bugaba, David, Colon¹ (*Champion*).—SOUTH AMERICA, Colombia¹.

Similar to *O. incensus*, from which the male is readily distinguished by the carinated forehead and pointed clypeus. It is also a much smaller insect. The female is with difficulty to be distinguished from small and feebly-developed female examples of *O. incensus*; there is, however, generally perceptible a slight difference in the outline of the clypeus—*O. incensus*, ♀, showing a trace of sinuation in the reflexed apical margin, which is quite absent in *O. acuminatus*, ♀.

An example from Bugaba is figured.

6. *Onthophagus nyctopus*.

O. hæmatopo (Harold) affinis, ab *O. incenso* et affinibus differt thorace (♂) lobo mediano-antico angusto, parum producto, compresso; sericeo-opacus, glaber, niger, capite thoraceque æneo-tinctis, hoc crebre haud profunde punctato, linea dorsali late impressa; elytris planatis, crenato-striatis, interstitiis planis, punctulatis; pygidio crebre punctato; tarsis et antennis fulvo-piceis; clypeo rotundato, medio (♂) paullo reflexo, integro.

♂. Vertex bicornutus nec carinatus, carina anteriore medio recta, ad latera angulata. Thorax antice medio utrinque foveatus, lobo mediano angusto, vix producto compresso. Tibiæ antice haud elongatæ, apice intus simplice.

♀. Caput bicarinatum. Thorax medio prope marginem anticum obtusissime lobatus.

Long. 5–6 millim.

Hab. PANAMA, Bugaba, Volcan de Chiriqui (*Champion*).

The outline of the genæ is continuous with that of the clypeus. In the lower development of the male the horns of the vertex are reduced to conical tubercles, and the anterior prominence of the thorax is similar to that of the female.

7. *Onthophagus crinitus*.

Onthophagus crinitus, Harold, Ann. Soc. Ent. Fr. 1869, p. 510¹.

Hab. MEXICO, Toxpam near Cordova (*Sallé*¹).

The following is doubtless a local variety of this species, the absence of hairs from great part of the surface in the single example being probably due to artificial causes; in other respects it differs from the Mexican type-specimen of the male only in colour:—

Var. *panamensis*. (Tab. V. figg. 4, ♂; 4a, side view of head and thorax.)

Supra breviter setosus, nitidus, viridi-subcupreo-æneus, elytris nigro-violaceis; thorace undique sat confertim punctato, linea dorsali impressa; elytris subtilissime crenulato-striatis, interstitiis aspere punctulatis.