

CHRYSOBOTHIRIS.

Chrysobothris, Eschscholtz, Zool. Atlas, i. p. 9 (1829); Horn, Trans. Am. Ent. Soc. xiii. p. 67 (1886).

Species of this genus are found in all parts of the world.

1. *Chrysobothris sex-punctata*.

Buprestis sex-punctata, Fabr. Syst. Eleuth. ii. p. 206¹.

Colobogaster sex-punctata, Lap. & Gory, Mon. ii. p. 9, t. 2. f. 7² (nec Montrouz.).

Hab. NICARAGUA, Chontales (*Belt*); PANAMA (*Janson*).—SOUTH AMERICA¹, Cayenne², Brazil.

I think it is open to question whether the Brazilian specimens usually associated with *C. sex-punctata* (Fabr.) really represent the same species; Central-American examples appear to me to be less strongly sculptured.

2. *Chrysobothris ichthyomorpha*. (Tab. III. fig. 3.)

Chrysobothris ichthyomorpha, Thoms. Typi Bupr., Append., i. p. 42 (1879)¹.

Hab. MEXICO¹, Orizaba, Playa Vicente (*Sallé*), Juquila (*Höge*); GUATEMALA, Sabo in Vera Paz, Capetillo (*Champion*), Yzabal (*Sallé*); NICARAGUA, Chontales (*Belt*); COSTA RICA (*Sallé*); PANAMA, Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

In examining a long series of this species I find two forms of the terminal segment of the abdomen among the females (Tab. III. figg. 3 *a*, 3 *b*), that represented by fig. 3 *a* being the commoner. Both forms are found in the same locality, and the difference cannot be specific. The male has the apex of the terminal segment sinuate, with a semicircular emargination in the middle (Tab. III. fig. 3 *c*).

3. *Chrysobothris thomsoni*.

Chrysobothris collaris, Thoms. Typi Bupr. 1878, p. 76¹ (nec Deyr.).

Hab. COSTA RICA (*Van Patten*); PANAMA, Bugaba 800 to 1500 feet, Volcan de Chiriqui 2500 to 4000 feet, David, Tolé (*Champion*).—COLOMBIA (*Brit. Mus.*); VENEZUELA, Caracas¹.

Only distinguishable from the preceding species by the coppery-red posterior angles of the thorax; but a large series from Bugaba shows no variation.

4. *Chrysobothris belti*. (Tab. III. fig. 4.)

Obscure cupreo-ænea, nitida; thorace lateribus sinuatis, crebre punctulato; elytris purpureo-nigris, singulo guttis quinque læte viridibus ornato.

Long. 6½ lin.

Hab. NICARAGUA, Chontales (*Belt*).

This species is very close to *C. duplicata*, Chevr. The thorax, however, is rather less