

all respects with Lacordaire's description; the other two, however, show some differences in the sculpturing of the thorax, which is not smooth as in the typical species, but finely transversely wrinkled; the femora also are much less robust and shorter than those of *C. smaragdina*. As these, however, are the only differences between the specimens, I am inclined to regard the two aberrant forms as the females.

### 9. *Crioceris gemmans*.

*Crioceris gemmans*, Guér. Ic. Règn. Anim. iii. p. 261; Lacord. Mon. p. 554.

*Crioceris superba*, Dej. Cat. 3rd ed.

*Hab.* MEXICO.

### 10. *Crioceris nullicedo*.

*Crioceris nullicedo*, Lacord. Mon. p. 556.

*Hab.* MEXICO; GUATEMALA, Zapote (*Champion*); COSTA RICA, R. Sucio (*Rogers*).

Seems to be a rather common species in Guatemala, to judge by the many specimens received from there.

#### Var. *callizona*.

*Crioceris callizona*, Clark, Cat. Phyt. App. p. 64.

*Hab.* MEXICO; GUATEMALA, Zapote (*Champion*); COSTA RICA.

Although this insect is considered by Clark a distinct species, I believe it to be only a colour variety of *C. nullicedo*. It has been sent rather frequently in company with and from the same locality as *C. nullicedo*, from which it does not differ except in coloration, being violaceous instead of green, and in having the elytral bands only indicated. Clark gives as his reason for considering it a distinct species, because the head of *C. nullicedo* is smooth or impunctate, agreeing with Lacordaire's description, while in Clark's species the same part is punctured. I find that all the true *C. nullicedo* are sparingly but distinctly punctured, as is the case with *C. gemmans*, also described by Lacordaire as having a smooth head. Clark's description was drawn from a single specimen. The thorax is also rather variable in the specimens before me, and the hinder femora differ according to the sex; moreover intermediate forms have come under my notice, and therefore I cannot admit *C. callizona* as a good species.

### 11. *Crioceris intermedia*. (Tab. I. fig. 16.)

Metallic green; abdomen more or less fulvous; elytra with two broad transverse copper-coloured bands, one before, the other behind the middle.

*Var.* The anterior elytral band sending off a branch of the same colour to the base of the elytra.  
Length 5 lines.

*Hab.* NICARAGUA, Chontales (*Belt*); COSTA RICA (*v. Patten*).

This species seems to be intermediate between *C. gemmans* and *C. nullicedo*; it is