

This species appears to be excessively variable in colour; so much so that of ten examples collected by Mr. Champion, no two are exactly alike. The head is black in all but one, but with the face below the insertion of the antennæ yellow. The thorax is transverse, rather square in front, with the margins hardly at all expanded, and the hind angles only a little produced; the disc has a short obsolete channel near the base. Four examples have no vitta, the others have a broad black vitta, shining in most, but dull and not so wide in var.  $\delta$  and in one from the Volcan de Chiriqui. The scutellum is black or yellow, varying, as usual, with the mesosternum. The legs are black, or the femora as far as the knees are yellow; the tibiæ and tarsi are always black.

The figures are of a male of the type and a female of the var.  $\epsilon$ , both from Bugaba.

**Photuris amœna** (p. 58).

To the localities given, add:—PANAMA, Bugaba, Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

Var. ? **nitida**.

Var. Nitidior; thorace disco, elytris totis, scutello, pectore pedibusque nigricantibus.  $\sigma$ .

Hab. PANAMA, Volcan de Chiriqui 4000 to 6000 feet (*Champion*).

An error has occurred in the description of this species and of *P. facialis*, both claws being split, not, as I have stated, the external claw only: the fact is, it is not easy to see the fission of both claws at one time, or unless they are very clean.

The variety is very distinct in colour, but specimens occur in which the elytra have a pale margin and suture, and some with the legs more or less pale from the same locality; the species of this genus appear more variable in these respects than those of *Photinus*. This variety, to some extent, bridges over the distinction between *P. amœna* and *P. facialis*.

The variety with pale margins and suture simulates *Photinus volcanicus* from the same region, but is easily distinguished even from the above by the acute and rather produced angles of the thorax, the prominent head and eyes of the male, &c. It also occurs at a higher altitude.

**Photuris lucidicollis** (p. 58).

To the localities given, add:—PANAMA, Bugaba (*Champion*).

The few specimens I have seen from Bugaba have the disc of the elytra fuscous, the suture narrowly and the margins rather widely pale.

Var. **sordida**. (Tab. XII. fig. 11.)

*Photuri lucidicollis* quoad formam, thoracem et corpus congruens; elytris autem dimidio basali tabescente, ad basin plus minusve infuscatis, dimidio apicali nigro-fusco irregulariter determinato.  $\sigma$   $\varphi$ .

Hab. PANAMA, Volcan de Chiriqui 4000 to 6000 feet (*Champion*).

This curious race or variety of *P. lucidicollis* was found by Mr. Champion only in