

5. *Photuris collaris*. (Tab. III. fig. 15.)

Photuris collaris, Gorh. Trans. Ent. Soc. 1880, p. 107. ♂ ♀.

Hab. MEXICO, Cuernavaca (*Sallé*); GUATEMALA, Zapote (*Champion*).

The figure is that of a Zapote specimen, a rather small female.

The thorax is wholly orange-red and shining; the genital segment of the abdomen and the produced lamella of the plate preceding are black, the fifth and sixth segments wholly yellow and eburate. Very few specimens have been sent.

6. *Photuris lucidicollis*. (Tab. III. fig. 14.)

Photuris lucidicollis, Gorh. loc. cit. p. 107.

Hab. GUATEMALA, Dueñas, San Gerónimo, Capetillo (*Champion*).—*Var.* MEXICO, Cordova, Panistlahuca, Cuernavaca (*Sallé*); GUATEMALA, Panima, San Gerónimo, Capetillo, Dueñas (*Champion*); COSTA RICA.

The specimen figured is from Dueñas.

A variable species, both as regards size and coloration, the latter being either quite dark fuscous, with paler margins to the elytra, or pale with a central obscure pale vitta; this form has only occurred as yet at Dueñas. The luminous portion of the abdomen, however, seems constant, the apical excised segment in the female being usually infusate, but sometimes quite yellow. The pale specimens resemble *Lucidota apicicornis*, and the darker ones *Photinus cinctellus*; but the generic characters, especially the form of the thorax, the structure of the abdomen in the male, and of the claws, will always suffice to prevent their being confounded.

Section II. B. *Male with external claw split; female with the claws simple.*

7. *Photuris amœna*.

Photuris amœna, Gorh. loc. cit. p. 108¹.

Hab. MEXICO, Vera Cruz, Tepansacualco, Cordova (*Sallé*); GUATEMALA, near the city, San Gerónimo¹ (*Champion*); NICARAGUA (*Sallé*).

A species with a very Photinoid aspect, and placed in that genus in M. Sallé's and, no doubt, in most collections; the external claw, however, is split in the male; and although in the female the head is not more exerted than in many *Photini*, in the male it is incapable of being withdrawn and is visible from above. The elytra are almost parallel, and the thorax of nearly the same width, with acute hind angles, the head black, the antennæ dark to the base. The body beneath is pale, excepting the basal segments of the abdomen. The series of specimens in Sallé's collection are paler than those from Guatemala.

Apparently a very common species and widely distributed.