

8. *Photuris facialis*.

Fumeo-nigra, opaca, capite piceo, facie et infra testaceo, macula frontali minuta; antennis palpisque fuscis; prothorace rufo-brunneo, vitta mediana antice et postice latiore nigra, lateribus flavis; elytrorum margine, femoribus infra abdominisque segmentis tribus ultimis pallidis. Long. 8-9 millim. ♂ ♀.

Mas unguiculis externis fissis, segmento ventrali septimo apice producto, genitali magno, fusco.

Femina unguiculis simplicibus, segmentis ventralibus tribus apicalibus flavis, pygidio fusco.

Hab. GUATEMALA, Vera Paz, Sinanja valley, Senahu, Panima (*Champion*).

Nearly of the same size and not unlike *P. amœna*; distinguished, however, by the form of the thorax, of which the sides are here narrowed towards the front, by its colour, which is of a deep red-brown on the disk, and by the general dark fuscous-black opaque body and elytra. The head is black above, face below the insertion of the antennæ yellow, with a linear spot in front above the labrum. The basal joint of the antennæ is sometimes pale beneath. The thorax is punctured rather coarsely all over and opaque; a short obsolete channel on the basal half of the disk. The elytra are opaque, with pale margins not reaching their apex; in one specimen the suture is slightly paler; scutellum black, a character which will always separate this species from *P. amœna*.

Section III. *External claw split in both sexes.*

9. *Photuris pennsylvanica*.

Photuris pennsylvanica, De Geer, Ins. iv. p. 52, t. 17. f. 8; Cast. Hist. Nat. i. p. 268; Leconte, Synopsis, p. 337.

Lampyrus versicolor, Fabr. Ent. Syst. Supp. p. 123.

Telephoroides vittigera, Mots. Etud. Ent. iii. p. 60.

Var. *Telephoroides lineatocollis* (Dej.), Mots. loc. cit. p. 59.

Hab. NORTH AMERICA, Canada, United States.—MEXICO, Tuxtla, Cordova; GUATEMALA, Capetillo, Zapote, Sinanja valley, Purula, Sabo, Chacoj, Cubilguitz (*Champion*).

Var. *laticollis*, pallidior, elytris striga pallida inter vittam humeralem et suturam, alteraque ante marginem.—*Gorh. Trans. Ent. Soc.* 1880, p. 110 (β).

Hab. MEXICO, Cordova, Puebla, Oaxaca (*Sallé*); GUATEMALA (*Sallé*), San Juan, Chacoj, Purula, Panima, Zapote (*Champion*); NICARAGUA, Chontales (*Janson*).

Var. *tota fere pallida*.—*Gorh. loc. cit.* (ε).

Hab. COSTA RICA; PANAMA; SOUTH AMERICA; GUIANA.

Var. *Gorh. loc. cit.* (γ et δ).

Hab. ANTILLES.

One of the most abundant and widely dispersed of the Lampyridæ, distributed over the whole of the northern continent below latitude 45° north, and even reaching the southern continent. It is probably chiefly to this species that those brilliant appear-