

9. *Lucidota atra*.

Lucidota atra, Olivier, Ent. ii. p. 28, t. 3. f. 28; Fabr. Ent. Syst. i. 2, p. 101.

Lampyris laticornis, Fabr. tom. cit. p. 99; Cast. Hist. Nat. i. p. 268.

Hab. NORTH AMERICA, United States.—NICARAGUA, Chontales (*Belt*).

I have only seen two specimens, from Chontales, which I think referable to this species.

10. *Lucidota discolor*. (Tab. III. fig. 6, ♀.)

Rufo-ferruginea; antennis, palpis, tibiis, tarsis, abdomine (apice excepto) elytrorumque dimidio apicali nigris; thorace transverso, disco foveolato, elytris nervulis tribus parum distinctis. Long. 12–15 millim. ♂ ♀.

Mas segmento ventrali apicali, apice producto, genitale superante, rufo.

Femina latior, segmentis quinto et sexto ventralibus puncto rufo, apicali acute exciso.

Hab. MEXICO, Playa Vicente, Cordova, Santecomapan (*Sallé*); BRITISH HONDURAS, Rio Hondo (*Blancaneaux*); GUATEMALA, Vera Paz, San Juan, Chacoj, Senahu (*Champion*, ♂); NICARAGUA, Chontales (*Belt*, *Janson*).—SOUTH AMERICA, Colombia.

Head small, received into the thorax, rufous or pitchy; antennæ two thirds as long as the body, a little compressed but scarcely serrate; breast and femora rufous—the latter, especially the posterior pair, tinged with black at their apex. Abdomen black, with the exception of the apical segment in the male and two punctiform spots on the fifth and sixth plates in the female. Prothorax with disk very convex, the margins rather broadly reflexed. Elytra obsoletely pubescent, the apical half smoky black; the division of this from the rufous basal half is indeterminate and variable. The apical segments of the male are figured in Trans. Ent. Soc. 1880, pl. i. fig. 11.

11. *Lucidota lugens*. (Tab. IV. fig. 18, ♂.)

Aterrima, subopaca, prothoracis lateribus modice reflexis, disco in medio obsolete canaliculato fere lævi, angulis posticis subrectis; antennis compressis vix serratis, elytris vix costatis. Long. 14 millim. ♂ ♀.

Mas abdominis segmento septimo ventrali fortiter exciso, maculis duabus flavis; pygidio longe, apice leviter emarginato et elevato.

Femina segmento ventrali apicali, apice minute exciso, maculis duabus obscure flavis.

Hab. MEXICO, Oaxaca, Parada, Peras (*Sallé*).

The figure is drawn from a male from Peras.

This species is totally black, with the exception of the two luminiferous spots; and in two or three examples the pleural portion of the prosternum enclosing the head is brown. The thorax is as long as wide, its disk a little shining, and sometimes with a faint longitudinal impression in the middle. The antennæ of the male are about half as long as the body; of the female shorter; they have the second joint very short. The abdomen has the dorsal segments with projecting angles, but hardly lobed.

There is no other species to which this black obscure insect can be compared among