

Section II. *Elytra with the sides parallel or narrowed towards the apex.*4. **Daiphron proteum.** (Tab. V. figg. 14, 15, 16.)

Nigrum; capite infra rufo, supra vittis tribus rufis; prothorace quadrato angulis rotundatis, rufo, plerumque nigro-vittato; elytris rufis vel nigris, vel nigro rufoque fasciatis vel dimidiatis; pedibus nigris, basi sæpe rufis. Long. 10–14 millim.

*Var. α.* Elytris rufis, pedibus nigris.

*Var. β.* Elytris rufis, pedibus basi rufis.

*Var. γ.* Elytris rufis fascia lata apiceque nigris, pedibus nigris, basi rufis.

*Var. δ.* Elytris nigris, humeris et fascia mediana rufis, pedibus vel nigris vel basi rufis.

*Var. ε.* Elytris basi rufis, sutura prope scutellum et apice late nigris, pedibus vel nigris vel basi rufis.

*Var. ζ.* Elytris nigris, humeris tantum rufis, vel totis nigris, pedibus nigris.

*Var. η.* Prothorace læte rufo, haud vittato, elytris totis nigris, pedibus vel nigris vel basi rufis.

*Hab.* *Var. α.* MEXICO, Cordova (*Sallé*); GUATEMALA, Capetillo, San Gerónimo, Panzos, Cahabon, Cubulco, Telemán.—*Var. β.* MEXICO, Oaxaca, Cordova (*Sallé*); COSTA RICA, Volcan de Irazu (*Rogers*).—*Var. γ.* MEXICO, Oaxaca, Cordova (*Sallé*, *Boucard*); GUATEMALA, Capetillo, Chacoj, Senahu, Telemán (*Champion*).—*Var. δ.* MEXICO, Cordova, Vera Cruz, Tuxtla (*Sallé*); GUATEMALA, Capetillo, Zapote (*Champion*).—*Var. ε.* MEXICO, Cordova, Tuxtla (*Sallé*); GUATEMALA, Capetillo, Dueñas, Chiacam (*Champion*).—*Var. ζ.* MEXICO, Orizaba (*Sallé*); GUATEMALA, Capetillo, San Gerónimo, Senahu, San Isidro (*Champion*).—*Var. η.* MEXICO, Tuxtla (*Sallé*); BRITISH HONDURAS, river Sarstoon (*Blancaneaux*); GUATEMALA, Panzos, Telemán, San Gerónimo (*Champion*).

Figure 14 of the Plate represents a female of *var. γ*, from Capetillo; figure 15, a female of *var. α*, from San Gerónimo; figure 16, a male of *var. ε*, from Capetillo.

A singularly variable or polymorphic species. The head is very constant in colour, as is the black body. Some of the varieties appear to be tolerably distinct segregated forms, such as *var. η*. *Var. γ* is the form mimicked by *Photuris fasciata*, mentioned at page 56 of this volume.

## CHAULIOGNATHUS.

*Chauliognathus*, Hentz, Trans. Am. Phil. Soc. new ser. iii. p. 460 (1830).

*Chauliognathus* is peculiarly a new-world genus of Telephoridae. It is pretty evenly distributed over the whole of both North and South America; but the species found in the temperate parts are more feebly developed than those of the tropics. The genus is remarkable for the possession of a thread-like lobe to the maxillæ, which, according to Leconte, can be protruded from the mouth when alive. Between thirty and forty species have been already described.

Section I. *Elytra ample, covering the abdomen.*1. **Chauliognathus rex.**

Niger; prothorace elytrisq. ochraceis, his triente apicali, illo puncto discoidali, nigris; abdominis limbo laterali, segmentis dorsalibus apiceque flavis. Long. 20–23 millim. ♂ ♀.