

Hab. MEXICO, Capulalpam (*Sallé*); GUATEMALA, Purula, Sabo (*Champion*).

Allied to *C. heros*, Guérin, from which it differs in being larger in average size, rather more shining; the yellow parts are orange-red instead of pale yellow; the black portion of the elytra does not exceed the apical third in any of the specimens from Central America. The ventral portion of the abdomen is blacker; only the margins of the segments externally and laterally, and the apical valvular plate in the male with the short preceding segment (which is only present as a lobe on each side), and in the female the two apical segments, are yellow. The dorsal surface is yellow, whereas in *C. heros* this part is for the most part black. About a dozen specimens were taken by Mr. Champion.

2. *Chauliognathus nitidicollis*.

Niger; prothorace elytrisque flavis, illo nitido, puncto discoidali sat magno nigro; abdominis segmentis singulis marginibus lateralibus et apicalibus flavis, apice ipso flavo. Long. 18–20 millim. ♂ ♀.

Hab. COSTA RICA, Volcan de Irazu, Cache, Rio Sucio (*Rogers*).

This species is more parallel (the elytra not being widened behind) than the last. The head, breast, basal six segments of the abdomen, and appendages are black, only the margins of the abdominal ventral plates and its apical segments being yellow.

The thorax is very smooth and shining; it is quadrate, inclined to be transverse. The elytra are somewhat rounded at their apices, leaving the sutural angle open.

3. *Chauliognathus dimidiatus*. (Tab. V. fig. 3.)

Chauliognathus dimidiatus, C. Waterhouse, Trans. Ent. Soc. 1878, p. 330.

Hab. MEXICO, Cordova (*Sallé*); NICARAGUA, Chontales (*Janson, Belt*); COSTA RICA, Volcan de Irazu (*Rogers*).

The figure is taken from a male specimen from Chontales.

This species is liable to vary in the form of the thorax, which is more oblong in some specimens: in one from the Volcan de Irazu the disk of the thorax is infusate; and in two males taken by Mr. Belt at Chontales the valvular apical segment of the abdomen, as well as the 5th, is nearly black. In other specimens the abdomen is nearly black beneath, with the apical plate in the male yellow and very smooth and shining.

4. *Chauliognathus sodalis*. (Tab. V. figg. 8, 9.)

Chauliognathus sodalis, C. Waterhouse, Trans. Ent. Soc. 1878, p. 326¹.

Callianthia grandis (Sturm coll.).

Hab. MEXICO (*Sallé*), Oaxaca¹ (B.M.).

The figures are from specimens from *Sallé*'s collection, both females; fig. 9 represents the var. 2 of Mr. Waterhouse's description. There were also specimens of his var. 1, taken by *Sallé*; but I do not observe that they differ materially in form. The abdomen