

and appendages are black. It is, however, variable. The breast and base of the thighs and coxæ are red in some examples. The black on the thorax varies from the entire disk to three spots arranged transversely in a row, and that on the elytra from two large spots to an entire fascia, while in one example the apical third is black, with a minute red spot at the sutural angle.

The valvular plate of the male is always black. Two examples from Sturm's collection have the elytra entirely red.

## 12. *Chauliognathus signatus*.

*Chauliognathus distinguendus*, var. ?, C. Waterh. Trans. Ent. Soc. 1878, p. 328.

*Callianthia signata* (Sturm coll.).

Niger; *C. togatus* latior et præsertim brevior; prothorace elytrisq. pallide flavis, his basi et macula magna rotunda pone medium nigris, illo punctis tribus; abdominis segmentis flavo marginatis. Long. 17 millim. ♀.

*Hab.* MEXICO (coll. Sturm).

The different form and colour, and the black base of the elytra and differently coloured abdomen, indicate a distinct species from *C. togatus*, to which it is allied. It is very near to *C. distinguendus*, var. ?, Waterh. The number of spots on the thorax seems liable to vary: one specimen has only two.

## 13. *Chauliognathus nigrocinctus*. (Tab. V. fig. 12.)

Niger; ore, abdomine (segmentis basi nigris), metasterni pleuris et thorace flavis; elytris stramineis, his fascia tenui, illo macula discoidali transversa nigris. Long. 13-15 millim. ♂ ♀.

*Var.* elytris basi nigris (coll. Sturm, ♀).

*Hab.* MEXICO, Guanajuato (*Dugès*, coll. *Sallé*).

The larger examples of this species only equal in size the smaller of *C. togatus*. It is of the same parallel form as that; and the thorax is of similar shape. The transverse mark on the disk is not separated into spots in any one of the six specimens before me; but in the variety there is a punctiform spot at each end of it.

The valvular plate in the male is blackish at the base, fading into testaceous at the apex. The abdominal ventral plates are yellow, with black bases. The antennæ are inserted in yellow spots; and the mandibles are yellow.

## 14. *Chauliognathus bilineatus*. (Tab. V. fig. 13.)

Flavus; capitis basi et macula transversa occipitali, prothorace lineis duabus, elytris puncto pone medium, antennis, palpis, parapleuris, segmentis ventralibus singulis maculis quatuor, tibiis tarsisque nigris. Long. 17-19 millim. ♀.

*Var.* abdomine segmentis ventralibus immaculatis, puncto elytrorum majore. Long. 14 millim. ♂.

*Hab.* MEXICO (coll. Sturm).

This species may be well recognized by its elongate form and general ochraceous-yellow colour. The yellow head with only the gular portion and a curved mark between