3. Belonuchus alternatus. (Tab. XI. fig. 10.)

Elongatus, depressus, nitidus, rufus; capite cum antennis abdominis segmentis tribus nigris, abdominis apice flavo.
Long. 11 millim.

_Hab._ Guatemala, near the city, San Gerónimo (Champion); Nicaragua, Chontales (Janson); Panama, Bugaba (Champion).

Antennae blackish, with the terminal joint ferruginous; palpi red, the second joint of the maxillary pair piceous. Head black, without sericeous reflection. Thorax rather bright red, without sericeous reflection; elytra paler red, as also the two basal abdominal segments; the three next segments deep black; the hind margin of the penultimate segment, the whole of the terminal segment, and the armature clear yellow.

This is excessively closely allied to _B. dichrous_, but differs in having the two basal segments of the hind body red, and in some of the minute details of colour, such as the absence of the peculiar reflections seen in certain lights on the head and thorax of the former species. There is scarcely any external difference between the sexes perceptible. The figure is taken from a small female found at Bugaba.


_Hab._ Mexico 1 (Flohr, Sallé), Mirador, Oaxaca (Höge).

Although very similar to _Philonthus celatus_ and to _Belonuchus simplex_, this species is readily distinguished, when fully extended, by the fact that the medial lobe of the armature and the bases of the anal styles are white; the thoracic series is regularly quadripunctate, the punctures being placed on the front half of the thorax, and the surface of the head and thorax present a remarkably conspicuous sericeous reflection. The male is still unknown.

Apparently rare, only one example being present from each source.

5. Belonuchus bidens. (Tab. XI. fig. 11.)

Niger; pectore elytrisque rufis, abdominis apice pallide flavo; antennarum basi apiceque, palpis pedibusque testaceis.
Long. 18 millim.

_Hab._ Mexico, Jalapa (Flohr), Oaxaca, Mirador (Höge), Tuxtla (Sallé); Nicaragua, Chontales (Belt).

Mandibles very elongate, piceous. Antennae short, the penultimate joints rather strongly transverse, the three basal joints and the terminal one yellow. Head transversely subquadrate, black, very coarsely punctate, with a broad space on the middle impunctate. Thorax short, quadrate, slightly narrowed behind, on each side of the