

the long acute subapical tooth on the anterior pair reaching to near the tip of the inwardly directed uncus. The mesosternum is protuberant, as in *P. leucothyrea*.

#### 4. *Promecops leucothyrea*. (Tab. XIV. figg. 23, ♂ ; 24, ♀, var.)

*Promecops leucothyreus*, Fähr. in Schönh. Gen. Curc. vi. 1, p. 328<sup>1</sup>.

*Promecops quadrimaculatus*, Jekel, in Mus. Brit.<sup>2</sup>.

Oblong, robust, piceous; variegated with a dense clothing of cinereous, brown, and blackish scales, the last-named usually clustered into two broad vittæ on the disc of the prothorax (sometimes more extended and coalescent, leaving only a basally abbreviated median line and two short streaks on each side cinereous), the cinereous scales on the elytra condensed into an interrupted oblique or transverse fascia before the middle and another near the apex; the scales at the apex of the rostrum, on the scutellum, humeri, elytral fasciæ, base of the femora, and tarsi often more or less green, those on the under surface varying in colour from cinereous to green; the upper surface also set with very short, scattered, curled, decumbent setæ. Head and rostrum densely punctate, the vertex with a transverse raised line separating the exposed portion from that covered by the prothorax, the rostrum moderately broad, canaliculate; eyes strongly transverse, narrow; joint 2 of the funiculus slightly shorter than 1. Prothorax transverse, convex, obsoletely canaliculate, rounded at the sides, the latter parallel at the base; with coarse punctures intermixed with a dense fine punctuation. Elytra subparallel in their basal half, rather convex, punctate-striate, the interstices feebly convex. Mesosternum protuberant. Legs stout; all the tibiæ strongly unguiculate in ♂, more feebly so in ♀; tarsal claws long, free.

Length  $4\frac{3}{4}$ –6, breadth  $2$ – $2\frac{2}{3}$  millim. (♂ ♀.)

*Hab.* MEXICO (*Höge*, in coll. *Solari*), Tampico (*Schwarz*, in *U.S. Nat. Mus.*), Salina Cruz (*Knab*, in *U.S. Nat. Mus.*), El Camaron (*Sallé*), Tapachula (*Höge*); GUATEMALA, Volcan de Atitlan (*Champion*); SALVADOR, Sonsonate, Acajutla (*Knab*, in *U.S. Nat. Mus.*); NICARAGUA, Granada (*Sallé*).—COLOMBIA (*Mus. Brit.*), Bogota<sup>1</sup>, Carthagen<sup>2</sup>.

I have seen seventeen specimens of this species, including the type and two others from Colombia in the British Museum. It is extremely variable in regard to the markings of the upper surface, according to the predominance of the dark or light scales, and the elytral fasciæ are often broken up into spots, which are sometimes green. The Tampico example is like the type. The Salina Cruz specimen (♀) (fig. 24) and one of those from Colombia are cinereous variegated with fuscous. The Mexican male figured (fig. 23) has been lent me by Signor A. Solari.

#### 5. *Promecops dentimanus*, sp. n. (Tab. XIV. figg. 25, 25 a, ♂.)

Oblong, robust, piceous; variegated with a dense clothing of brown, blackish, and cinereous scales, the blackish scales on the prothorax clustered into a curved line on each side of the disc and those on the elytra into a common, broad, irregular, post-median fascia, which extends up the suture to the base and is limited anteriorly by a transverse row of confluent cinereous spots; the elytra also set with long, scattered, suberect setæ along each interstice, the rest of the surface with short, curled, decumbent, bristly hairs. Rostrum broad, somewhat concave, canaliculate, densely punctate; eyes strongly transverse, narrow; antennæ comparatively short, the scape much widened towards the tip, joint 2 of the funiculus shorter than 1, 5–7 transverse. Prothorax transverse, obliquely narrowed towards the base and apex, as wide in front as behind, finely punctate, carinate or obsoletely canaliculate down the middle from near the apex to the base. Elytra oblong-subtriangular, punctate-striate, the interstices feebly convex. Mesosternum not protuberant. Legs stout; all the tibiæ strongly unguiculate in both sexes, the intermediate pair hollowed near the apex within in ♂, more feebly so in ♀; anterior