

lamina; the sculpture of the interstices of the wing-cases is aciculation rather than punctuation, and the scutellum is minute, and clothed with white pubescence. The front legs are red, but with the tarsi more obscure, and the bases of the femora dark.

One example.

#### 74. *Bruchus piger*.

Brevis, subovatus, niger, subtiliter albido pruinosis; antennarum basi pedibusque anterioribus rufis; prothorace elytrisque densissime punctulatis; femoribus posterioribus dente elongato armatis.  
Long. 2 millim.

*Hab.* MEXICO, Guanajuato (*Sallé*); NICARAGUA, Chinandega (*Sallé*).

This obscure little insect is very closely allied to *B. monachus*, but is considerably smaller, and has only four joints red at the base of the antennæ, and is further distinguished from the allies by the extreme diminution of the coarse punctuation on the metasternum. The lamina between the apex of the front coxæ is excessively minute.

One example from each locality.

§ 5. *Ventral rings elongate; pygidium oblique or subhorizontal; size never very small, in a single species only does the length descend to 2 millim. Femora only moderately dilated, armed usually with a tooth and two denticles; rarely one denticle, and still more rarely both, may be absent.*

This group is heterogeneous, but as it contains comparatively few species it would be of no use for the purposes of this work to subdivide it. I may mention, as additional characters, that the head is very short, the eyes widely separated, the antennæ feeble and subserrate; the thorax is conic, with the sides convex, or in *B. oblongo-guttatus* of peculiar subtransverse form. An important peculiarity of the group is that in several species the femora of the male are deeply channelled beneath nearly or quite to the base, while in the female they are of the normal form. This character, however, is found only in certain of the species.

#### 75. *Bruchus humeralis*.

*Bruchus humeralis*, Gyll. in Schönh. Curc. i. p. 39<sup>1</sup>.

*Hab.* MEXICO<sup>1</sup>, Ventanas 2000 feet (*Forrer*), Almolonga (*Flohr*), Cordova, Capulalpam, Yolos, El Cameron (*Sallé*), Oaxaca (*Höge*); GUATEMALA, near the city 5000 feet (*Salvin*), San Gerónimo, San Joaquin in Vera Paz (*Champion*).

The extension of the red colour in this species is subject to a great deal of variation. In the male the hind femur is very deeply channelled quite up to the trochanter; there is not much difference in the last abdominal ring in the sexes, though in the male it is a little emarginate in the middle. The armature of the hind femur is rather peculiar,