

clothed with short fulvous pubescence, testaceous with a pale metallic green gloss, each with a subquadrate purplish or bluish spot at the base and a smaller one below the middle; underside and legs fulvous.

*Hab.* PANAMA, Bugaba, Caldera in Chiriqui (*Champion*).

This pretty little species, of which there are two specimens before me, greatly resembles in the elytral markings *M. quadrimaculata*, Bates, from the Amazon region. The latter, however, differs from the Panama insect in the nearly impunctate head and in its generally larger size; it also has the thorax much less closely and finely punctured.

### MASTOSTETHUS (p. 19).

#### **Mastostethus balteatus** (p. 19).

*Mastostethus nigrocinctus*, huj. op. p. 20.

To the locality given, add:—MEXICO, Cordova, Capulalpam (*Sallé*), Jalapa (*Höge*), Cuernavaca (*H. H. Smith*); GUATEMALA, San Gerónimo, Coban, Panima, San Juan, Cubilguitz, Purula and Chacoj in Vera Paz, Las Mercedes (*Champion*); COSTA RICA (*Van Patten*); PANAMA, Bugaba, Volcan de Chiriqui (*Champion*).

After comparing carefully more than fifty specimens I can only come to the conclusion that *M. nigrocinctus* is a variety of *M. balteatus*. The two insects in question have been separated merely by slight differences in coloration, which cannot be considered a character of distinction, as the many varieties enumerated by Lacordaire of *M. nigrocinctus* prove. *M. balteatus* is most variable, and specimens occur which are, with the exception of the underside, entirely fulvous. The punctuation of the elytra does not furnish a distinctive character between the two so-called species.

#### **Mastostethus cingulatus** (p. 20).

*M. cingulatus* is undoubtedly nothing but an immature form of either *M. balteatus* or *M. bilobus*; I have several specimens agreeing with the type and also intermediate degrees in coloration before me, and as no structural character has been pointed out by Lacordaire, and the species is a most variable one in regard to colour, I do not think it any advantage to retain it as distinct.

#### **Mastostethus bilobus** (p. 20).

To the localities given, add:—GUATEMALA, Yzabal (*Sallé*), Panzos, Teleman, and San Juan in Vera Paz, El Reposo (*Champion*); PANAMA (*Boucard*), San Lorenzo (*Champion*).

It seems to me also doubtful whether *M. bilobus* should be looked upon as anything but a variety of *M. balteatus*, from which it does not differ except in the colour of the thorax and underside. There are several specimens before me which show intermediate stages of variation in this respect, and scarcely two are exactly alike; structural differ-