

I have referred the Central-American examples to this species on the authority of a specimen in Mr. Crotch's collection, and on others I have seen so named, rather than from their agreement with Mulsant's description. The latter seems to have been drawn from a female example, having the head black, and from either a unique example or from quite insufficient material. Our examples, ten in number, agree in having the head and thorax quite whitish-yellow. They are very variable in size and colour, but are all rather pubescent, and have the elytra brown, blackish, or black, with a red disk, or a faint red marking on each, and the apex always white, except in those from Bugaba and the Pearl Islands.

Judging from examples in Crotch's collection, the paler ones might be equally well referred to *S. tantillus* or *S. pallidipennis*, Muls. (the specimen of the latter is the type), the descriptions of which are inadequate and inconclusive.

At present I regard these names as indicating one widely spread and variable insect; but possibly our examples from Mexico and Guatemala are distinct from those from Panama.

16. *Scymnus mutatus*.

Ovatus, capite, prothorace, pedibus abdomineque pallide testaceis; elytris nigris, macula magna discoidali oblongo-ovata in singulis aurantiaca, pectore nigricante; tenuiter pubescente, subtiliter creberrime punctatus. Long. 1.5 millim.

Hab. PANAMA, Volcan de Chiriqui (*Champion*).

Var.? elytrorum apicibus pallidis.

Hab. MEXICO, Cuernavaca in Morelos (*H. H. Smith*).

Var.? minor, elytris plus minusve nigricantibus, basi saltem nigro.

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*).

Var.? prothorace macula triangulari mediana marginem apicalem vix attingente.

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*).

Var.? minor, nitidior, elytrorum basi, sutura margineque pone medium nigris. Long. 1 millim.

Hab. PANAMA, Peña Blanca (*Champion*).

The single specimen from the Volcan de Chiriqui, which I take for the type of this species, is a very distinctly marked and rather convex, finely pubescent insect, with the head and thorax nearly white, the elytra dark pitchy-black, with a large, oval, and rather obliquely placed orange spot on each. The underside, with the exception of the breast, is luteous. The legs are testaceous. The coxal fossettes are deep, but only reach over half the segment. The Mexican examples are doubtfully associated with it: the one from Cuernavaca is a little smaller and has better defined pubescence; the colour and markings are very similar, and at the same time are very suggestive of those of