

1. *Morsea californica*, Scudder.

*Morsea californica*, Scudd. Psyche, viii. p. 179 (1898); Burr, Essai sur les Eumastacides, p. 64 (1899).

*Hab.* UNITED STATES, Cahon Pass, Southern California, and Mt. Wilson, Altadina, near Los Angeles, California (*Morse*).]

Subfam. *TRYXALINÆ*\*.

This subfamily of short-horned grasshoppers or locusts is exceedingly well represented in the region embraced between the United States and the Isthmus of Panama. In studying the material that has been brought together for this purpose, along with such literature as deals with other forms inhabiting the district, it is found that upwards of forty genera and about one hundred species are to be considered. The study of such a large number of forms permits the writer, in a measure at least, to revise some of the recent work of others, since intermediate forms have been found which show better the relationships and location of certain genera that heretofore seemed obscure or uncertain. A few South-American genera have been found to occur within our North-American faunal areas, while several entirely new ones are now added.

Many of the forms characterized by Saussure and Walker were so inadequately described that their recognition is rather uncertain. Especially is this true as regards Walker's species belonging to genera like *Orphulella* and its allies, where the specific differences are slight, and where the characters used to separate them differ from those mentioned when they were first characterized. In Saussure's case, however, the difficulty has been removed in a measure, since a number of the types are at hand for comparison.

\* Principal works referred to for this subfamily:—

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