

1. *Acrocara maculipennis*, Scudder. (Tab. I. figg. 1, 1 *a*, ♀.)*Acrocara maculipenne*, Scudd. Psyche, v. pp. 437, 438 (1890) ¹.*Hab.* MEXICO, Montelovez in Coahuila (*coll. Scudder* ¹), Villa Lerdo in Durango (*coll. Bruner* ¹).

The only specimens of this locust before me are two males from Montelovez, found on September 20th, and a single female from Villa Lerdo, found in November; it is natural to surmise, therefore, that it is either quite rare or else restricted in its distribution to peculiar localities or certain food-plants. The female referred to above was captured by the present writer; so far as my memory serves me, it was found upon a low thorny herb with greyish leaves growing in alkali soil at the foot of a steep rocky slope. Although a careful search was made at the time, no additional specimens could be found.

MACHÆROCERA, Saussure.

Machærocera, Saussure, Rev. et Mag. Zool. xi. p. 391 (1859).

The insects comprising this genus are confined to Mexico and the northern portions of Central America, where they seem to be generally distributed in the more humid districts. Their general colour is dusky, of some shade of brown, and, in certain forms, occasionally marked with lighter tints along the dorsum and on the hind femora. The wings are blue, becoming more or less heavily infuscated on the apical half or two-thirds. The various species differ one from the other chiefly in size and form, and, as a rule, occupy different sections of the country. The annexed table will aid in distinguishing them.

Table for separating the Species of Machærocera.

- A¹. Hind wings with the dusky portion dense and quite uniform, occupying the greater part of the apical two-thirds, and in some instances, perhaps, quite three-fourths.
- b¹. Hind tibiæ decidedly blue or bluish; the hind femora marked with three yellow bands. Dorsum usually provided with a longitudinal pale stripe. [Occurs near the Gulf Coast from Tampico to Yucatan—a slender, rather long-winged insect.] 1. *mexicana*, Sauss.
- b². Hind tibiæ more or less rufous, or fuscous, but sometimes with a bluish tinge; the hind femora less prominently banded. Dorsum generally without the pale longitudinal stripe.
- c¹. Rather slender. General colour very dark brown, the tegmina usually not conspicuously light-coloured on the dorsal field. [Mexico, Guatemala, and Honduras.] 2. *obscura*, sp. n.
- c². More robust. General colour ferruginous-brown, the dorsal field of the tegmina usually conspicuously lighter-coloured. [West coast of Central Mexico.] 4. *pacifica*, sp. n.