

truncately excavated to one-half the depth of the segment and black-marked at the base. The lateral flaps obliquely truncate from the slightly rounding lateral angle. Male valve obtusely triangular, plates together moderately broad, triangularly narrowing to the blunt tips.

Described from three females from Chino and one pair from Visalia, California, collected by the author. Readily separated from the related species by the very distinct female genitalia.

*Thamnotettix atridorsum*, var. *vetula*, n. var.

Size and form of *atridorsum* nearly. Slightly shorter and stouter. Pale creamy-yellow above and below, eyes and a small spot on the female segment black. Length, 4.75 mm.

Described from five females from Kelso, California, and one from American Fork, Utah, all collected by the author. This is apparently an adaptation to a very hot, dry condition, and may prove to be a good species when further material is found. It would hardly be advisable to separate it on a single sex, however.

*Thamnotettix atridorsum*, var. *vesca*, n. var.

Form and colour of *atridorsum* nearly, except that it is smaller and much shorter and stouter, with the elytra scarcely covering the apex of the abdomen, the apical cells abbreviated, broader than long. Green, with the vertex and face pale straw-yellow. Length, 4 mm.

Described from four females and one male from Coronado Beach, Long Beach and Redondo Beach, California, collected by the author. These specimens were all taken along the seashore, on the short vegetation growing just above tide-water, and apparently become adapted to this rigorous condition by reduction in size and especially in wing-length.

*Thamnotettix Titusi*, var. *vivata*, n. var.

Form and general appearance of *Titusi* nearly, much smaller, shorter and with less markings on the face. The head is slightly broader than in *Titusi*, and the front is broader and fuller. The face is pale and slightly smoky, but never dark as in that species. The elytra are darker at the base, inclined to be bluish, and are slightly smoky at the apex, with the veins usually distinct. In two specimens the veins are light coloured throughout, the pronotum is light margined all around, and there is a transverse smoky marking on the disc of the vertex. Length, 4.5 mm.

Described from eight examples from Tia Juana, Pasadena and Riverside, California, and Reno, Nevada, all collected by the author. This