

smaller, and on the hinder patch two very conspicuous crescent-shaped yellow spots; apex subhyaline-testaceous; underside yellowish, with the apex of the abdominal segments orange; pygofer blackish; legs reddish-testaceous.

Long. 15 millim.; lat. ad hum. 4 millim.

*Hab.* PANAMA (*Boucard, in Mus. Holm.*).

This is a very conspicuous species; it was sent me with some other unnamed insects from the Stockholm Museum by Dr. Aurivillius.

There is a discoloured specimen in our collection, labelled Caché, Costa Rica (*Van Patten*), which I think may belong here, but it differs somewhat in the markings.

### 6. *Tettigonia chiriquensis*, sp. n. (Tab. XV. fig. 5.)

Præcedenti affinis; capite, pronoto et scutello testaceis, colore dilutiori variegatis; tegminibus fusco-brunneis, maculis testaceis duabus tribusve ad basim, maculâ conspicuâ transversâ albidâ ad latera, alterâque magnâ rufâ ante apicem fere concolorem instructis; capite cum oculis prominentibus pronoto distincte latiori; pronoto parallelo lateribus, ad medium subconstrictis; abdomine supra nigrescenti, subtus læte flavo-testaceo; pedibus testaceis.

Allied to the preceding (*T. cynthia*); head, pronotum, and scutellum testaceous, variegated with lighter colour; metopidium deep black on its lower portion, with a black spot on each side, vertex with darker markings, a yellow spot in the middle and two others near the eyes; pronotum with a small black spot at each corner; tegmina with three lighter spots at the base, the central one the most conspicuous (probably more or less confluent in other specimens), a conspicuous white lateral elongate patch, and a large red mark before the apex, the latter almost concolorous with the rest of the tegmina; head with the eyes, which are prominent, distinctly broader than the pronotum; pronotum with the sides parallel, almost constricted in the middle; abdomen dark above, light yellow-testaceous beneath; legs testaceous.

Long. 14 millim.; lat. ad hum. 3 millim.

*Hab.* PANAMA, Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

### 7. *Tettigonia instrata*, sp. n. (Tab. XV. fig. 6.)

Præcedenti affinis, fulvo-flava, nitida; capite brevi, lato, vittâ latâ nigrâ; pronoto marginibus antice et postice et vittâ latâ mediâ nigris; scutello ad basim nigro vel nigro-notato; tegminibus hyalinis, lævibus, colore obscuriori et dilutiori plus minusve distincte variegatis; corpore subtus pedibusque flavis vel flavo-testaceis.

Similar in shape to the preceding (*T. chiriquensis*), of a tawny-yellow or obscure orange-colour; head yellow, with a broad transverse band across the vertex, and two short lines proceeding transversely from the ocelli, black; pronotum and scutellum deeper yellow, the former convex and smooth, with the anterior and posterior margins and a broad central band black, the latter with the base furnished with a small dark band not reaching across its whole length, and usually enclosing a small yellow patch in front; tegmina with the apex smoky, and the part before this transparent, showing the smoky tips of the wings behind, the rest more or less obscurely marked with darker and lighter colour, which in some specimens appears to be very faint and in others distinct; legs and abdomen testaceous or yellow-testaceous.

Long. 9-11½ millim.; lat. ad hum. 2-3 millim.

*Hab.* GUATEMALA, Cerro Zunil, Balheu in Vera Paz (*Champion*).

We figure a specimen from Cerro Zunil.