

147. *Tettigonia pileata*, sp. n. (Tab. XIX. fig. 18.)

Parva, sat angusta et parallela, olivacea, limbo lato verticis, lateribus pronoti, scutello, suturâ clavali late, et suturâ ipsâ ab apice hujus usque ad apicem tegminum læte flavo-miniatis; capite triangulari, obtuse rotundato, oculis vix prominulis, intra limbum testaceo, obscure figurato; pronoto sat longo, antice dilutiori; abdomine supra fusco; alis fumosis; corpore subtus dilute testaceo; pedibus albidis.

A small and rather narrow species, very brilliantly coloured, olivaceous, with a broad border round the vertex, the sides of the pronotum, the scutellum (which is comparatively small), and the claval suture, bright scarlet-orange, this colour extending along the suture from the apex of the clavus to the apex of the tegmina; head obtusely rounded, light green inside the orange border and more or less obscurely figured; pronotum lighter green in front and at the sides; tegmina subhyaline just at the apex; upperside of the abdomen fuscous, underside light green; legs very pale, with the claws fuscous.

Long. 6-7 millim.; lat. $1\frac{1}{3}$ millim.

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

In coloration this insect closely resembles the species of the *T. aurolineata*-group, but in the shape of the head it is more nearly allied to *T. orbata*.

Several examples were obtained.

148. *Tettigonia concinnula*, sp. n. (*T. compta*, Tab. XIX. fig. 19.)

Parva, capite triangulari, acute producto, miniato, plus minusve obscure fusco-variegato; fronte plerumque nigrâ, oculis nigris vix prominulis; pronoto convexo, antice angustato, fusco, margine anteriori late miniato; scutello miniato, concolori; tegminibus fusco-testaceis, vittâ miniatâ ad suturam clavalem, ad medium maculâ nigrâ longitudinali interruptâ, et ad apicem suturæ clavalis maculâ aliâ nigrâ parvâ instructâ; alis fumosis, truncatis; abdomine supra miniato vel puniceo; corpore subtus pedibusque testaceis, plus minusve fusco- vel rufo-variegatis.

A small, shuttle-shaped species, with the head sharply triangular, scarlet, almost unicolorous or more or less obscurely variegated with black; forehead black, with a few scarlet markings and a round spot just before the vertex; pronotum convex, narrowed in front, fuscous, with the anterior margin broadly scarlet; scutellum scarlet, unicolorous; tegmina fusco-testaceous, with a rather narrow scarlet double band running along the claval suture and continued in a single line from the apex of the clavus to the apex of the tegmina, the continuation being sometimes absent; at the middle and apex of the outer part of the band are two small black longitudinal patches, the one at the middle being very conspicuous; abdomen crimson or scarlet above; underside and legs testaceous, more or less variegated with fuscous, base of the femora dark, posterior tibiæ scarlet towards the base, fuscous towards apex.

Long. 5 millim.; lat. $1\frac{1}{2}$ millim.

Hab. MEXICO, Omilteme in Guerrero 8000 feet (*H. H. Smith*).

149. *Tettigonia teres*, sp. n. (Tab. XIX. fig. 20.)

Parva, capite triangulari, haud acute producto, oculis magnis; fronte fere totâ nigrâ; vertice, pronoto et scutello dilute rufo-testaceis, colore obscuriori figuratis; pronoto capite distincte longiori, antice angustato; tegminibus rufo-brunneis, obscure et minute albido-irroratis, maculâ ad humeros flavâ, communique maculâ hyalinâ ad medium; alis fumosis; abdomine supra rufo, subtus testaceo; sterno ad partem nigro; pedibus testaceis, femoribus ad basim late nigris.

A small species, with the front-parts light reddish-brown, figured with a darker shade; head triangular, produced, but not acute as in *T. concinnula*; pronotum distinctly longer than the head, narrowed in front; tegmina of a reddish-brown colour, with minute light spots and a common irregular hyaline spot at the middle bounded by a line of darker colour, the apex, except a very small portion internally, not hyaline; on each shoulder there is a waxy-yellow patch; wings smoky, truncate, but less so than in the preceding