

apice biramosa, necnon ramulis incompletis 3 instructa. Pedes testacei, genubus, tibiis et tarsis brunneis. Abdomen supra brunneum, subtus testaceum, late luteo-marginatum.

♀. Long. 10; elytr. 9·8, pronot. 3, latit. pronot. 3·4 millim.

Hab. COSTA RICA (*Rogers*).

3. *Caloblatta tricolor*, Sauss. (Tab. III. figg. 11–13.)

♂. Gracilis, niger. Antennæ nigrae, nigro-pilosae, ultra medium annulo albido vel flavido (articulis circiter 8). Os piceum. Pronotum tricolor, lateribus et margine anteriore aurantiis, disco pictura rubra vel rufa in forma litteris **V**, marginem anticum utrinque attingente, necnon vitta longitudinali nigra, postice dilatata, nonnunquam marginem posteriorem attingente. Margines laterales frequenter latiuscule pelluentes, subvitrei, saltem ad angulum posteriorem. Elytra nigra vel fusco-liliacea, margine costali angustissime albido vel flavido. Alæ diaphano-fuscae, apice et campo marginali fuscis; vena ulnaris furcata et ramum unicum brevissimum ad venam dividendem emittens; area ulnaris insuper venulis transversis paucis. Pedes basi testacei, genubus, tibiis et tarsis fuscis, spinis luteis, coxis apice et femoribus basi fusco-maculatis. Abdomen nigrum, segmentis ventralibus ultimis macula flava. Cerci nigri, cinereo-pilosi.

Var.—A. Elytra vix vel haud luteo-marginata.—B. Pronotum: *a*, vitta nigra longitudinali in margine postico transverse dilatata, ad marginem anticum perducta, macula rufa disci antierius utrinque ad marginem lateralem extensa, margine anteriore maculis 2 flavis, angulis posticis late flavis vel pellucidis; *b*, flavum, macula trapezina rufa per fasciam nigram divisa, marginem anteriorem tegente; hæc in medio maculis 2 flavis.

Long. 10; elytr. 10, pronot. 2·8, latit. pronot. 3 millim.

Hab. GUATEMALA, Senahu in Vera Paz (*Champion*); NICARAGUA, Chontales (*Belt, Janson*).

The markings of the pronotum are variable, the three colours being more or less extended one over the other. In a general way, the pronotum may be described as yellow, with a large trapezoidal reddish picture on the disc, this being divided by a black band, which is more or less extended anteriorly and more or less dilated posteriorly, so as to cover sometimes the greatest part of the hind margin.

[PSEUDISCHNOPTERA, Sauss.

Pseudischnoptera, Saussure, Miss. Scient. Mex., Orthopt. p. 66 (1870).

1. *Pseudischnoptera lineata*, Oliv.

Blatta lineata, Oliv. Encycl. iv. p. 317. 17; Palis. Beauv. Ins. d'Amér. p. 228, Orth. t. 2 c. fig. 5; Serville, Orthopt. p. 98. 22.

Ischnoptera lineata, Sauss. Mém. Mex., Blatt. p. 80.

Thyrsochera lineata, Brunn. de W. Syst. Blatt. p. 126. 20.

Pseudischnoptera lineata, Sauss. Miss. Scient. Mex., Orthopt. p. 67. 1 (♂).

Hab. SOUTH AMERICA, Cayenne; ANTILLES.

This species may eventually be found to occur in Central America.]

ISCHNOPTERA, Burm.

Ischnoptera, Burmeister, Brunner de W., Saussure.

Platamodes, Scudder, Bost. Journ. of Nat. Hist. vii. p. 417 (1862); Stål (ex parte).

Antennæ setaceæ. Elytra et alæ abdomen superantia (rare in feminis abbreviata), membranacea. Alarum vena ulnaris ramos ad marginem apicalem, alterosque incompletos ad venam dividendem emittens.