

Subfam. *FLATINÆ*.

This subfamily includes a large number of conspicuous insects, which are very widely distributed and bear a close resemblance to certain forms of *Lepidoptera*, and are often most brilliantly coloured; some of them, however, are obscure and small, and are difficult to determine with accuracy. Five genera are represented in our collection; these may be separated roughly as follows:—

- I. Tegmina decumbent.
 - 1. Ocelli absent *PÆCILOPTERA*, Germ.
 - 2. Ocelli present.
 - i. Tegmina without a strongly raised callosity behind the shoulders.
 - A. Apical portion of the tegmina with no distinct and regular series of parallel veins, or with one only *FLATA*, Fabr.
 - B. Apical portion of the tegmina with two distinct and regular series of parallel veins, separated by a sharp line of transverse veins *ORMENIS*, Stål.
 - ii. Tegmina with a strongly raised callosity behind the shoulders, the apical portion with two or three series of short parallel veins, separated by two rows of transverse veins, the whole presenting a more or less reticulate appearance *DASCALIA*, Stål.
- II. Tegmina not decumbent; upper surface rugose *FLATOIDES*, Guér.

PÆCILOPTERA.

Pækilloptera, Latreille, Gen. Crust. et Ins. iii. p. 165 (1807).

Pæcilloptera, Germar, Mag. Ent. iii. p. 218 (1818).

Pæcilloptera, Signoret, Ann. Soc. Ent. Fr. 1838, p. 420.

This genus, as at present constituted, is distinguished by the absence of ocelli, the broadly rounded apex of the ample tegmina, and the irregular transverse marginal venation, which is confined to the outer edge, and is often more or less indistinct.

1. *Pæcilloptera phalænoides*.

La Cigale Phalénoïde, Stoll, Cigal. p. 23, t. 2. fig. 9¹.

Cicada phalænoides, Linn. Syst. Nat. ed. 12, i. 2, p. 710².

Flata phalænoides, Fabr. Ent. Syst., Suppl. p. 517³.

Pæcilloptera phalænoides, Germ. Mag. Ent. iii. p. 221⁴.

Pæcilloptera phalænoides, Spinola, Ann. Soc. Ent. Fr. 1839, p. 423⁵; Walk. Cat. Homopt. Ins. ii. p. 442⁶.

Hab. MEXICO (*Bilimek*, in *Mus. Vind. Cæs.*); GUATEMALA, Panima in Vera Paz (*Champion*); NICARAGUA, Chontales (*Janson*); COSTA RICA, Santa Clara Valley (*Zurcher*); PANAMA (*Boucard*). — COLOMBIA; VENEZUELA; GUIANA^{1 6}; ECUADOR, Guayaquil; AMAZONS, Pará⁶; BRAZIL^{5 6}; TRINIDAD.