

INSECTA SAUNDERSIANA:

OR

CHARACTERS

OF

UNDESCRIBED INSECTS

IN

THE COLLECTION

OF

WILLIAM WILSON SAUNDERS, ESQ.,

F.R.S., F.L.S., &c.

HOMOPTERA.

BY FRANCIS WALKER, Esq., F.L.S.

LONDON:

JOHN VAN VOORST, PATERNOSTER ROW.

M.DCCC,LVIII.

P R E F A C E .

To carry out my intention of giving descriptions of the new species of Insects in my Collection, I have requested Mr. F. WALKER to examine my Homoptera, and the following paper is the result of his labours, irrespective of his papers on the Homoptera collected by Mr. Wallace in the Malay Peninsula and East India Islands, which will be found in the 'Journal of the Proceedings of the Linnean Society.'

W. WILSON SAUNDERS.

Hillfield, Reigate,

March 9th, 1858.

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INSECTA SAUNDERSIANA, &c.

HOMOPTERA.

Order I. CICADINA, *Burm.*

Fam. 1. STRIDULANTIA, *Burm.*

ABOUT five hundred species of this family have been described, and they are divided into twenty-two genera. Of these several are limited in their geographical range; thus *Polyneura*, *Pycna*, *Tacua*, *Tosena*, inhabit Hindostan and the neighbouring isles; *Platypleura* and *Oxypleura* extend from West and South Africa to Hindostan, Java and Amboina; *Zammara* is peculiar to America; *Tettigades* only inhabits Chili; *Thopha*, *Tettigareta* and *Cystosoma* are Australian; the range of *Dundubia* begins in the Himalaya, and various species inhabit many of the islands between Hindostan and the open Pacific Ocean; *Tettigomyia* is confined to South Africa; *Mogannia*, *Huechys* and *Gæana* extend from Hindostan to Java and China, and *Huechys* also inhabits Australia.

Genus PLATYPLEURA, *Amyot.*

PLATYPLEURA ARCUATA.

Fulva, *P. ocellatæ similis*; caput supra nigricans, litura antica nigra; prothorax vitta postice dilatata maculisque quatuor nigris; mesothorax vittis quatuor furcatis nigris; abdomen fasciis interruptis apiceque nigris; alæ anticæ fulvæ, fusco nebulosæ, lituris duabus costalibus pallidis, maculis marginalibus fuscis; posticæ fusæ, vittis tribus, strigis nonnullis lanceolatis exterioribus strigaeque postica luteis.

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BYTHOSCOPIUS LIBER.

Pallide flavus; vertex nigro biguttatus; frons longa, plana, subfusiformis, ferrugineo bivittata; thorax niger, fascia tenui pallide flava; pectus strigis duabus obliquis nigris lateralibus; abdomen supra nigrum, segmentis flavo marginatis; alæ anticæ obscure fuscæ, fasciis duabus indeterminatis luridis; posticæ nigricante-vitræ.

Pale yellow. Vertex with two black dots; front long, flat, subfusiform with two ferruginous stripes. Thorax black, with a slender pale yellow band. Pectus with a black oblique streak on each side. Abdomen black above; hind borders of the segments yellow. Fore wings dark brown, with two irregular lurid bands, which are interrupted by the brown veins. Hind wings blackish vitreous. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

Parà.

Genus PSYLLA, Geoffr.

PSYLLA LIVIOIDES.

Pallide rufa; caput antice planum; antennæ filiformes, corpore breviores; alæ vitræ, anticæ subrufescentes venis rufis, posticæ venis albidis.

Pale red. Head somewhat flat in front. Antennæ filiform, about three-fourths of the length of the body. Wings vitreous. Fore wings with a slight reddish tinge; veins red. Hind wings with whitish veins. Length of the body 2 lines; of the wings 5 lines.

——— ?

PSYLLA TRIGUTTA.

Fœm. Fulva, testaceo varia; vertex latus, subcarinatus, utrinque subdepressus; antennæ graciles, corpore breviores; abdomen nigricans, segmentis testaceo marginatis; pedes testacci, nigro subnotati; alæ subcinereo-vitræ, anticæ fascia apicali fusca guttas tres vitreas includente.

Female. Tawny, broad, here and there testaceous. Vertex large, with a slight keel, on each side of which it forms a quadrate, slightly

depressed compartment. Antennæ slender, filiform, about three-fourths of the length of the body. Abdomen blackish; hind borders of the segments testaceous. Legs testaceous, slightly marked with black. Wings vitreous, with a slight cinereous tinge; veins whitish, slightly marked with brown for some space along the apical border, and there including three marginal vitreous dots. Length of the body 3 lines; of the wings 6 lines.

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