

DESCRIPTION OF NEW INDO-MALAYAN  
ACRIDIDAE  
(ORTHOPTERA)

by  
C. WILLEMSE.

Part VI.

Subfam. Acridinae.

*Phlaeoba aberrans* nov. spec.

♀ : Antennae flattened and distinctly ensiform basally, apical joints more cylindrical, reaching the posterior margin of pronotum.

Face strongly oblique. Frontal ridge narrowly sulcate, parallel above the median ocel, below the median ocel divergent towards the clypeus.

Fastigium of vertex long, as long as or about as long as the eye, its margins convergent anteriorly, rounded apically; its surface nearly flat, with a fine median keel, continuing posteriorly on the vertex but subobsolete on the occiput.

Pronotum as long as the head, anterior margin slightly concave, nearly straight, posterior margin slightly triangularly rounded, median keel distinct, lateral keels parallel, indistinctly indicated, third sulcus far behind the middle; lateral lobes about as long as high.

Elytra and wings short, reaching only a little beyond the middle of abdomen. Elytra expanded basally, anterior and posterior margin subparallel, apex obtusely rounded.

General coloration brown. Antennae reddish brown, basal and second joint black from above.

Face reddish brown, temporal foveolae black. Pronotum brown, lower part of lateral lobes more yellowish brown. Elytra brown. Wings subcycloid, bluish at their base, posterior margin infumated.

Anterior and median legs brown. Hind femora brown, lower area and towards the apex more blackish brown.

Hind tibiae brown, spines yellowish with black tips.

Hind tarsi yellowish brown. Sternum and abdomen brown.

Supra-analplate with a black spot in the middle. Valves of ovipositor brown, their margins and apices black. ♂, unknown. Fig. 1.

Length of body	38 mm
" " pronotum	6½ "
" " elytra	18 "
" " hind femora	18 "

Locality: Borneo, N. Palawan, Binaluan, Nov.-Dec. 1913, 1 ♀, leg. G. Boettcher. (type Mus. Berlin-Dahlem).

*Gelastorrhinus javana* nov. spec.

♀ : General coloration reddish brown with yellowish brown.

Antennae reddish brown, reaching a little behind the posterior margin of pronotum, with the basal half ensiform, apical half more filiform, the joints gradually narrowing, the apical joint pointed.

Fastigium of vertex distinctly shorter than the eye, anterior margin rounded. Head reddish brown



Fig. 1. *Phlaeoba aberrans* nov. sp. ♀

from above, face and cheeks yellowish or yellowish green, behind the eye with a narrow post-ocular band, faintly indicated. Pronotum with the disc reddish brown, lateral keels straight, third sulcus distinctly behind the middle; lateral lobes yellowish green, lower margin straight.

Elytra long, reaching behind the apex of hind femora, apex pointed, posterior margin nearly straight; reddish brown, anterior area greenish yellow. Wings a little shorter than the elytra, hyaline, apex pointed. Anterior margin of prosteron raised, without distinct tubercle.

Sternum and abdomen brown. Anterior and median legs reddish brown.

Hind femora greenish brown, more reddish brown apically, knee blackish brown; the inner upper kneelobe distinctly longer than the outer one with its apex rounded.

Hind tibiae and tarsi reddish brown, spines with black tips. ♂, unknown. Fig. 2.

	♀
Length of body	45 mm
" " pronotum	8 "
" " elytra	39 "
" " hind femora	22 "

Locality: Central Java, Kedoengdjati, 50 M. 7. 3. 23, 1 ♀, leg. L. G. E. Kalshoven (type Mus. Buitenzorg).

This species differs from *G. albolineatus* Br. v. W. and *G. dubia* Will. by the pointed elytra, that in both other species is much more rounded and not at all pointed; from *G. chinensis* Will. by the shorter inner upper kneelobe, that in *chinensis* is long and two times as long as the outer one, from *G. macilenta* Stål<sup>1)</sup> by its greater size that in *macilenta* ♀ is only 36 mm.

<sup>1)</sup> By studying the cotype of *Machaeridea macilenta* Stål, I could establish the following synonymy.

*Gelastorrhinus macilenta* Stål. (= *Machaeridea macilenta* Stål. = *Gelastorrhinus striata* Will.).

(Is continued).