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ADDITIONS TO THE ACRIDIDAE (ORTHOPTERA)OF N.W.FRONTIER PROVINCE, PAKISTAN

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Abstract

Notes on the acridid grasshoppers collected from N.W.Frontier Province , Pakistan are given. The hitherto unknown male of *Paraconophyma kashmiricum* Mistchenko is described for the first time.

Key words: New records, Acrididae, N.W.F.P.

Introduction

The grasshopper fauna of N.W. frontier Province of Pakistan are less explored than that of other regions of Pakistan. There are, however, some references in the literature e.g. Kirby (1914), Mishchenko (1936, 1952), Uvarov (1941, 1942), Bei-Bienko & Mishchenko (1951), Jago (1963), Shahid (1964), and Ahmed (1980).

The list and description of the unknown male of *paraconophyma kashmiricum* Mistchenko collected from N.W. Frontier Province of Pakistan.

Calliptaminae

Calliptamus barbus barbus (Costa)

Material examined N.W. Frontier Province Malam Jabba, 3000' approx. 1 female, 28. vi-93 (M.S.Wagan).

Gomphocerinae

Chorthippus Indus Uvarov

Material examined:- N.W.F.P., Malam Jabba, 3000' approx 1 male, 1 female, 28. vi -93 (M.S.Wagan).

Dociostaurus tartarus (stshelkanovtzev)

Material examined:- N.W.F.P., Malam Jabba, 3000' approx 1 female, 28. vi-93 (M.S. Wagan).

D. nigrogeniculatus (Tarbinsky)

Material examined:- N.W.F.P., Malam Jabba, 3000' approx 1 female, 28. vi-93 (M.S.Wagan).

Acridinae

Truxalis eximia eximia Eichwald

Material examined:- N.W.F.P Mingora, 3 males, 5 females, 29. vi-93 (M.S.Wagan).

Jago (1996) has suppressed the subfamily Truxalinae and synonymised under the subfamily Acridinae. Therefore, *Truxalis eximia eximia* Eichwald, is transferred from Truxalinae to Acridinae.

Oxyinae

Oxya Velox (Fabricus)

Material examined:- N.W.F.P., Mingora, 2 males,5 females, 29. vi-93 (M.S.Wagan).

Oxyam fuscovittata (Marschall)

Material examined:- N.W.F.P., Mingora, 1 males, 4 females, 29.vi-93 (M.S.Wagan).

Eyprepocnemidinae

Eyprepocnemis shirakii (Bolivar)

Material examined :- N.W.F.P., Mingora, 5 males,4 females, 29.vi-93 (M.S. Wagan).

Oedipodinae

Aiolopus thalassinus thalassinus (F)

Material examined:- N.W.F.P, Mingora, 7 males,5 females, 29.vi-93 (M.S. Wagan).

Oedipoda minita atripes B. Bienko

Material examined:- N.W.F.P., Malam Jabba, 3000' approx 1 males, 28. vi-93 (M.S.Wagan).

This species is recorded for the first time from this area

Scintharista notabilis brunneri (Saussure)

Material examined: N.W.F.P., Malam Jabba, 3000' approx 1 females, 28. vi-93 (M.S.Wagan).

Sphingonotus balteatus balteatus Serville

Material examined:- N.W.F.P., Malam Jabba, 3000' approx 1 females,29.vi-93 (M.S Wagan).

S. rubescens rubescens Walker

Material examined :- N.W.F.P., Mingora, 1 female 29. vi –93 (M.S.Wagan).

S. savignyi Saussure

Material examined :- N.W.F.P., Mingora 2 males, 3 females 29. vi –93 (M.S.Wagan).

Paraconophyminae

Paraconophyma kashmiricum Mistchenko

The male of this species is recorded for the first time and its brief description is given : Body average size, rugose. Foveolae indistinct. Pronotum with median carina slightly indicated and cut by three sulci, lateral carina distinct before first sulcus; prozona twice as long as metazona. Prosteranl process pointed, mesosternal interspace quadrate. Tegminal length 3.25 times its greatest width. Length of hind femur 2.88 times its greatest width. Epiphallus (fig.1) bridge- shaped, bridge comparative long and moderately broad, anocorae sharply incurved and pinted, lophi lobiform upcurved .

Colouration: Brownish gray. Head yellow with large number of dark brown spots. Thorax and abdomn brownish gray and sides black maculae. Tegmina dorsally (upper portion) testaceous, ventrally (lower portion) black. Hind femur, upper surface yellow with dark brown to black patches; inner surface testaccous, with two one large and one small deep blue to black spots; hind knee testaceous brown. Hind tibia gray blue .

Measurements (mm) length of body: 19.6; Pronotum:4.2, tegmina:3.5; hind femur 9.1 .

Material examined:- N.W.F.P. 3 Km Balakot, 3000' approx. 1 male, 19.vi-93 (M.S.Wagan).

Habitat: This species has been collected from the range land surrounded by the pine forest.

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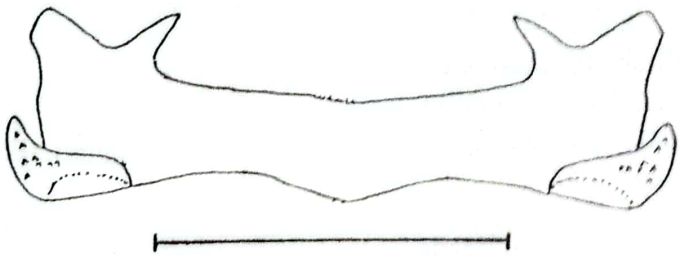


Fig.1. **Epiphallus of *Paraconophyma kashmiricum* Mistchenko, dorsal view. Scale line = 1 mm**