

NEW SUBFAMILY AND GENUS NAMES FOR FERGANIINAE GOROCHOV, 1987 AND *FERGANIA* SHAROV, 1968 (ORTHOPTERA)

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ABSTRACT: A junior homonym was detected among the orthopteran genus group names and the following replacement name is proposed: *Ademirsoyus* nom. nov. for *Fergania* Sharov, 1968. Accordingly, new combination is herein proposed for the species currently included in this genus. *Ademirsoyus reductus* (Sharov, 1968) comb. nov.. In addition to this, I propose the replacement name Ademirsoyinae new name for the subfamily name Ferganiinae Gorochov, 1987.

KEY WORDS: nomenclatural change, homonymy, replacement name, Ademirsoyinae, *Ademirsoyus*.

Remarks on nomenclatural change

Sharov (1968) proposed the triassic fossil genus *Fergania* with the type species *Fergania reducta* Sharov, 1968 by original designation and monotypy from Asia-temperate, Middle Asia, Madygen Formation, South Fergana, Madygen in Orthoptera. This genus was described by Sharov (1968) in Vitimididae. The genus name is currently used as a valid generic name in Orthoptera as the type genus of the subfamily Ferganiinae Gorochov, 1987 (Insecta: Orthoptera: Ensifera: Oedischioidea: Proparagryllacrididae: Ferganiinae). This subfamily has two monotypic fossil genera as *Fergania* Sharov, 1968 and *Parafergania* Gorochov, 1987 now.

Unfortunately, the generic name was already preoccupied by Mandelshtam (1957), who had described the fossil genus *Fergania*. The genus *Fergania* Mandelshtam, 1957 is not extant. It was assigned to Pterioidea by Sepkoski (2002) (Mollusca: Bivalvia: Autolamellibranchiata: Pteriomorphia: Pterioidea).

So the name *Fergania* Sharov, 1968 is invalid under the rule of homonymy, being a junior homonym of *Fergania* Mandelshtam, 1957. Under the International Code of Zoological Nomenclature (ICZN 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose to substitute the junior homonym *Fergania* Sharov, 1968 for the nomen novum *Ademirsoyus*. As a result of this, *Fergania* Sharov, 1968 is replaced with *Ademirsoyus* new name.

In addition to this, I herein propose the replacement name Ademirsoyinae new name for the subfamily name Ferganiinae because its

type genus *Fergania* Sharov, 1968 is invalid and the type genus of a family-group name must be valid.

SYSTEMATICS

Order Orthoptera
Family Proparagryllacrididae
Family **Ademirsoyinae** new name

Ferganiinae Gorochov, 1987

Type genus.— *Ademirsoyus* new name.

Remarks.—The name *Fergania* has been used in Orthoptera as a stem for a family-group name, and should be automatically replaced with the new name.

Genus **Ademirsoyus** new name

Fergania Sharov, 1968, junior homonym of *Fergania* Mandelshtam, 1957.

Fergania Sharov, 1968. Trudy paleont. Inst. 118: 167. (Insecta: Orthoptera: Ensifera: Oedischioidea: Proparagryllacrididae: Ferganiinae). Preoccupied by *Fergania* Mandelshtam, 1957. In Mandelshtam, Schneider, Kuznetsova & Katz, Ezheg. vses. paleont. Obshch. 16: 170. (Mollusca: Bivalvia: Autolamellibranchiata: Pteriomorphia: Pterioidea).

Type species.— *Fergania reducta* Sharov, 1968 by original designation and monotypy.

Etymology.— The genus name is dedicated to well known entomologist Prof. Dr. Ali Demirsoy (Turkey). It is masculine in gender.

Species account and distribution. — One species as known the type species; known from Asia-temperate, Middle Asia, Madygen Formation, South Fergana, Madygen.

The following new combination is proposed and the species is removed from *Fergania*:

Ademirsoyus reductus (Sharov, 1968) **new combination**

Syn.: *Fergania reducta* Sharov, 1968

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