

## SCIENTIFIC NOTE

**A REPLACEMENT NAME FOR THE SPECIFIC EPITHET  
*IRANICUS* IN *PARANOTHROTUS IRANICUS* (RAMME,  
 1951) (ORTHOPTERA: PAMPHIGIDAE)**

**Hüseyin Özdikmen\***

\* Gazi Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 06500 Ankara / TÜRKİYE. E-mail: ozdikmen@gazi.edu.tr

**[Özdikmen, H. 2010. A replacement name for the specific epithet *iranicus* in *Paranothrotus iranicus* (Ramme, 1951) (Orthoptera: Pamphigidae). Munis Entomology & Zoology, 5 (2): 819-820]**

ABSTRACT. According to Rules of Principles of the International Code of Zoological Nomenclature (ICZN, 1999), *Paranothrotus iranicus* (Ramme, 1951) is not correct because the specific epithet is illegitimate. The author request a replacement name of the specific epithet *iranicus* and he suggest *rammei* nom. nov.. He also request that the specific epithet *iranicus* in *P. iranicus* be rejected. Accordingly, new combination is herein proposed for the species: *Paranothrotus rammei* comb. nov..

KEY WORDS. Nomenclatural change, homonymy, replacement name, Orthoptera, Pamphigidae, *Paranothrotus iranicus*.

**Family PAMPHIGIDAE  
 Subfamily TROPIDAUCHENINAE  
 Genus *PARANOTHROTUS* Mishchenko, 1951  
 Species *PARANOTHROTUS RAMMEI* nom. nov.**

*Paranothrotus iranicus* (Ramme, 1951). Mitt. Zool. Mus. Berlin, 27, 289. (Orthoptera: Caelifera: Acridoidea: Pamphigidae: Tropidaucheninae). Preoccupied by *Paranothrotus iranicus* (Ramme, 1939). Mitt. Zool. Mus. Berlin, 24, 41-150. (Orthoptera: Caelifera: Acridoidea: Pamphigidae: Tropidaucheninae).

The names *Paranothrotus iranicus* (Ramme, 1951) and *Paranothrotus iranicus* (Ramme, 1939) were included in the family Pamphigidae.

The specific epithet *iranicus* was initially introduced by Ramme (1939) with the original combination *Tropidauchen iranicus* Ramme, 1939 in the family Pamphigidae (Orthoptera: Caelifera: Acridoidea). Shumakov (1963) [in *Horae Soc. Entomol. Union. Sov.*, 49: 54] transferred it to the genus *Paranothrotus* Mishchenko, 1951 as the combination *Paranothrotus iranicus* (Ramme, 1939). It is still used as a valid name (Eades & Otte, 2010).

Subsequently, Ramme (1951) described a new species with the same specific epithet as *Nocaropsis iranicus* Ramme, 1951 by original combination in the family Pamphigidae. Shumakov (1963) [in *Horae Soc. Entomol. Union. Sov.*, 49: 54] transferred also it to the genus *Paranothrotus* Mishchenko, 1951 as the combination *Paranothrotus iranicus* (Ramme, 1951). It is also still used as a valid name (Eades & Otte, 2010).

*Paranothrotus iranicus* (Ramme, 1939) has priority over *Paranothrotus iranicus* (Ramme, 1951). Thus, *Paranothrotus iranicus* (Ramme, 1951) is illegitimate and consequently can not be correct. The name *Paranothrotus iranicus* (Ramme, 1951) is a secondary junior homonym of the name *Paranothrotus iranicus* (Ramme, 1939). According to Article 60 of the

International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no specific synonym. So I propose for the specific epithet *iranicus* Ramme, 1951 the replacement name *rammei* nom. nov..

Etimology: The name is dedicated to W. Ramme who is the current author of the preexisting species *P. iranicus*.

Summary of nomenclatural changes:

*Paranothrotres rammei* **nom. nov.**

pro *Paranothrotres iranicus* (Ramme, 1951) **syn. n.**, Shumakov, 1963 ex *Nocaropsis iranicus* Ramme, 1951 [nec *Paranothrotres iranicus* (Ramme, 1939), Shumakov, 1963 ex *Tropidauchen iranicus* Ramme, 1939]

*Nocaropsis iranicus* Ramme, 1951 [original combination]

#### LITERATURE CITED

**Eades, D. C. & Otte, D.** 2010. Orthoptera species file online. Version 2.0/3.5. Available from: <http://Orthoptera.SpeciesFile.org>

**ICZN.** 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London. 306 pp.

**Ramme, W.** 1939. Beiträge zur Kenntnis der palaearktischen Orthopterenfauna (Tettig. u. Acrid.) III. Mitteilungen aus dem Zoologischen Museum in Berlin, 24: 41-150.

**Ramme, W.** 1951. Zur Systematik Faunistik und Biologie der Orthopteren von Südost-Europa und Vorderasien. Mitteilungen aus dem Zoologischen Museum in Berlin, 27: 1-431.

**Shumakov, E. M.** 1963. Les acridiens et les autres orthoptères de l'Afghanistan et de l'Iran [in Russian]. Trudy Vsesoyeznogo Entomologicheskogo Obshchestva, Moskva [= Horae Societatis Entomologicae Unionis Sovieticae], 49: 3-248.