BioOne COMPLETE

Redtenbacherusnom. nov., a replacement name for the preoccupied phasmid genus ErnodesRedtenbacher, 1908 (Phasmida: Phasmatidae)

Authors: Özdikmen, Hüseyin, and Darilmaz, Mustafa C.

Source: Journal of Orthoptera Research, 17(1) : 35-36

Published By: Orthopterists' Society

URL: https://doi.org/10.1665/1082-6467(2008)17[35:RNNARN]2.0.CO;2

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Downloaded From: https://complete.bioone.org/journals/Journal-of-Orthoptera-Research on 29 Mar 2024
Terms of Use: https://complete.bioone.org/terms-of-use

Redtenbacherus nom. nov., a replacement name for the preoccupied phasmid genus *Ernodes* Redtenbacher, 1908 (Phasmida: Phasmatidae)

Accepted June 5, 2008

Hüseyin Özdikmen and Mustafa C. Darilmaz

Gazi Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 06500 Ankara / Türkiye, Email: ozdikmen@gazi.edu.tr; mdarilmaz@yahoo.com

Abstract

A junior homonym was detected among phasmid genera and the following replacement name is proposed: *Redtenbacherus nom. nov.* for *Ernodes* Redtenbacher, 1908. New combinations are proposed for the species group names currently included in this genus. *Redtenbacherus antennatus* (Redtenbacher, 1908) *comb. nov.*; *Redtenbacherus jacobsoni* (Rehn, 1912) *comb. nov.* and *Redtenbacherus sumatranus (*Redtenbacher, 1908) *comb. nov.*

Key words

name change, homonymy, replacement name, Phasmida, Phasmatidae

Introduction

The purpose of the present paper is to bring the taxonomy of Phasmida into accordance with the requirements of the International Code of Zoological Nomenclature (1999). The genus name *Ernodes* is previously published for another taxon, making it a junior homonym. In accordance with Article 60 of the International Code of Zoological Nomenclature, we propose a substitute name for this genus name.

Taxonomy

Family Phasmatidae
Genus *Redtenbacherus nom. nov.*

Ernodes Redtenbacher, 1908. In Brunner & Redtenbacher, Ins.-Fam. Phasm., 368, 373. (Insecta: Phasmida: Verophasmatodea: Anareolatae: Phasmatidae: Platycraninae: Platycranini). Preoccupied by *Ernodes* Wallengren, 1891. K. svenska VetenskAkad. Handl., (N.S.) 24, no. 10, 113. (Insecta: Trichoptera: Sericostomatoidea: Beraeidae).

Remarks on nomenclatural change.— For the family Phasmatidae Redtenbacher (1908) proposed the oriental phasmid genus *Ernodes* of type species *Ernodes sumatranus* Redtenbacher, 1908, by subsequent designation Zompro & Adis (2001). It is still used as a valid genus name in Phasmida (*e.g.*, Bradley & Galil 1977, Zompro & Adis 2001, Bragg 2001, Zompro 2004, Otte & Brock 2005). Currently, the genus *Ernodes* Redtenbacher, 1908 includes 3 species: *Ernodes antennatus* Redtenbacher, 1908; *Ernodes jacobsoni* Rehn, 1912 and *Ernodes sumatranus* Redtenbacher, 1908.

Unfortunately, the genus name was preoccupied. Wallengren (1891) had described the caddisfly genus *Ernodes* with the type species *Rhyacophila articularis* Pictet, 1834 for Trichoptera: *Ernodes* is still used as a valid genus name in the family Beraeidae (*e.g.*, Morse *et al.*, 2007). Presently, the genus *Ernodes* Wallengren, 1891 includes 15 species from the Western Palaearctic Region [Europe & Northern Asia (excluding China)] as *E. abanticus* Cakin, 1983; *E. anatolicus* Cakin, 1983; *E. articularis* (Pictet, 1834); *E. botosaneanui* Vaillant, 1982; *E. digitatus* Martynov, 1918; *E. dirginensis* Sipahiler, 1998; *E. kakofonix* Malicky, 1979; *E. macahelensis* Sipahiler, 1997; *E. nigroauratus* Mosely, 1930; *E. palpatus* (Martynov, 1909); *E. rizeiensis* Sipahiler, 1987; *E. saltans* Martynov, 1913; *E. skipetarum* Malicky, 1986; *E. vicinus* (McLachlan, 1879) and *E. wolfgangjoosti* Mey, 2004.

The phasmid genus *Ernodes* Redtenbacher, 1908 is therefore a junior homonym of the genus *Ernodes* Wallengren, 1891. Brock (2008) notes "a replacement name is needed for *Ernodes*" but does not propose any. In addition to this, Uvarov (1940) states that *Ernodes* Redtenbacher, 1908 is preoccupied by *Ernodes* Wallegren, 1891 (Trichoptera). Uvarov also refrained from proposing a new name for *Ernodes*, due to its being a synonym of *Echetlus* Stäl, 1875 at that time. Zompro & Adis (2001) reinstated *Ernodes* as valid, but were presumably unaware of Uvarov. So we propose a new replacement name *Redtenbacherus nom. nov.* for *Ernodes* Redtenbacher, 1908.

Etymology.— Named for Josef Redtenbacher who authored the generic name *Ernodes*. The replacement name *Redtenbacherus* is male in gender.

Summary of nomenclatural changes.—

Genus *Redtenbacherus nom. nov.*
= *Ernodes* Redtenbacher, 1908 (not Wallengren, 1891).

Species *Redtenbacherus antennatus* (Redtenbacher, 1908) *comb. nov.*
= *Ernodes antennatus* Redtenbacher, 1908
Type locality: Asia-Tropical, Malesia, Sumatra, Mt. Singalang.

Species *Redtenbacherus jacobsoni* (Rehn, 1912) *comb. nov.*
= *Ernodes jacobsoni* Rehn, 1912
Type loc.: Asia-Tropical, Malesia, Java, Nongkodjadjar.

Species *Redtenbacherus sumatranus* (Redtenbacher, 1908) *comb. nov.*
= *Ernodes sumatranus* Redtenbacher, 1908
Type loc.: Asia-Tropical, Malesia, Sumatra, Mt Singalang.

Downloaded From: https://complete.bioone.org/journals/Journal-of-Orthoptera-Research on 29 Mar 2024
Terms of Use: https://complete.bioone.org/terms-of-use

References

Bradley J.C., Galil B. S. 1977. The taxonomic arrangement of the Phasmatodea with keys to the subfamilies and tribes. Proceedings of the Entomological Society of Washington **79**: 176-208.

Bragg P.E. 2001. Phasmids of Borneo. Kota Kinabalu. Natural History Publications. 772 pp.

Brock P.D. 2008. Phasmida Species File Online. Version 2.1 / 3.3. Available from : http://Phasmida.SpeciesFile.org.

International Comission of Zoological Nomenclature. 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London.

Morse J.C., Armitage B.J., Barnard P.C., Holzenthal R.W., Huisman J., Ivanov V.D., de Moor F. C., Tanida K., Wells A., Wichard A.W. 2007. Trichoptera World Checklist. Downloaded 23 – 08 - 2007. Available from: http: //entweb.clemson.edu/database/trichopt/

Otte D., Brock P. 2005. Phasmida Species File. Catalogue of Stick & Leaf Insects of the World. Association Insect Diversity, USA, 414 pp.

Redtenbacher J. 1908. Die Insektenfamilie der Phasmiden. In: Brunner von Wattenwyl K., Redtenbacher J. **3**: 339–589.

Uvarov B.P. 1940. Twenty eight new generic names in Orthoptera. Annals and Magazine of Natural History, London, **5**: 173-176.

Wallengren H.D.J. 1891. Skandinaviens Neuroptera, II. Neuroptera Trichoptera. KongligaSvenska Vetenskaps-Akademiens Handlingar **24**: 1–173.

Zompro O. 2004. Review of the genera of the *Areolatae*, including the status of Timema and Agathemera (Insecta, Phasmatodea). Goecke & Evers, Keltern-Weiler, Germany. 327 pp.

Zompro O., Adis J. 2001. A new species of Phasmatodea of the genus *Echetlus* Stål. Revista de Agricultura **76**: 291-297.

Downloaded From: https://complete.bioone.org/journals/Journal-of-Orthoptera-Research on 29 Mar 2024
Terms of Use: https://complete.bioone.org/terms-of-use