

**NOMENCLATRURAL CHANGES FOR SOME PREOCCUPIED
HARVESTMAN GENUS GROUP NAMES
(ARACHNIDA: OPILIONES)**

Hüseyin Özdikmen ¹

¹ Department of Biology, Faculty of Science and Arts, Gazi University, TR-06500 Ankara, TURKEY

E-mail: ozdikmen@gazi.edu.tr

[Özdikmen, H. 2008. Nomenclatural changes for some preoccupied harvestman genus group names (Arachnida: Opiliones). Turk J Arach. 1 (1): 37-43.]

ABSTRACT: Five junior homonyms were detected among the harvestman genus group names in the families Cosmetidae and Zalmoxioidae and the following replacement names are proposed: For the family Cosmetidae: *Spongaobaria* nom. nov. for *Baria* González-Sponga, 1993; *Peruana* nom. nov. for *Gnidiella* Roewer, 1957; For the family Zalmoxioidae: *Venezuelana* nom. nov. for *Lara* González-Sponga, 1987; *Opilioparamo* nom. nov. for *Paramo* González-Sponga, 1987; *Neocea* nom. nov. for *Cea* González-Sponga, 1987. Accordingly, new combinations are herein proposed for the species currently included in these genus group names respectively: *Spongaobaria neblinensis* (González-Sponga, 1993) comb. nov.; *Peruana picta* (Roewer, 1957) comb. nov.; *Venezuelana absonustarsalis* (González-Sponga, 1987) comb. nov.; *Opilioparamo meridensis* (González-Sponga, 1987) comb. nov.; *Opilioparamo regaladoi* (González-Sponga, 1999) comb. nov. and *Neocea lanceolata* (González-Sponga, 1987) comb. nov.

KEY WORDS: Nomenclatural changes, Homonymy, Replacement names, Opiliones, Laniatores, Cosmetidae, Zalmoxioidae

**BAZI HOMONİM OTBİÇEN CİNS GRUBU İSİMLERİ İÇİN
NOMENKLATÜREL DEĞİŞİKLİKLER
(ARACHNIDA: OPILIONES)**

ÖZET: Cosmetidae ve Zalmoxioidae familyaları içinde yer alan Otbiçen cins grubu isimleri arasında beş genç homonim tespit edilmiş ve aşağıda belirtilen isim değişiklikleri önerilmiştir: Cosmetidae familyasından: *Baria* González-Sponga, 1993 için *Spongaobaria* nom. nov.; *Gnidiella* Roewer, 1957 için *Peruana* nom. nov.; Zalmoxioidae familyasından, *Lara* González-Sponga, 1987 için *Venezuelana* nom. nov.; *Paramo* González-Sponga, 1987 için *Opilioparamo* nom. nov.; *Cea* González-Sponga, 1987 için *Neocea* nom. nov. Bunun sonucunda, burada, şu an bu cins grubu isimlerine dahil türler için sırasıyla yeni kombinasyonlar önerilmiştir: *Spongaobaria neblinensis* (González-Sponga, 1993) comb. nov.; *Peruana picta* (Roewer, 1957) comb. nov.; *Venezuelana absonustarsalis* (González-Sponga, 1987) comb. nov.; *Opilioparamo meridensis* (González-Sponga, 1987) comb. nov.; *Opilioparamo regaladoi* (González-Sponga, 1999) comb. nov. ve *Neocea lanceolata* (González-Sponga, 1987) comb. nov.

ANAHTAR KELİMELER: Nomenklatuvel deęişiklikler, Homonim, İsim deęişiklięi, Opiliones, Laniatores, Cosmetidae, Zalmoxioidae

The purpose of the present paper is to bring the taxonomy of Opiliones into accordance with the requirements of the International Code of Zoological Nomenclature (1999). In an effort to reduce the number of homonyms in Opiliones, I systematically checked all generic names published until 2005. I found seven opilionid genus group names

whose had been previously published for other taxa, making them junior homonyms. In accordance with Article 60 of the International Code of Zoological Nomenclature, I propose substitute names for these names. I informed Manuel-Angel González-Sponga for ethics of the purposes of the Code in 2005. Unfortunately, I have not been received any information from him until now. For this reason, I decided to publish this paper to remove these complexities of names.

TAXONOMY

Family Cosmetidae

Genus *Spongaobaria* nom. nov.

Baria González-Sponga, 1993. Bol. Acad. Cienc. Fis. Mat. Nat. (Caracas) 53 (171-172): 98 (Arachnida : Opiliones: Laniatores: Cosmetidae: Cosmetinae). Preoccupied by *Baria* Karsch, 1896. Ent. Nachr., 22: 267 (Insecta: Lepidoptera: Zygaenoidea : Limacodidae).

Remarks on nomenclatural changes: The name *Baria* was initially introduced by Karsch, 1896 for a moth genus of the family Limacodidae (with the type species *Natada elsa* Druce, 1888). The name *Baria* Karsch, 1896 is still used as a valid genus name in Lepidoptera (e.g. Pitkin & Jenkins, 2007) and includes two species as *Baria elsa* (Druce, 1888) and *Baria transversata* Karsch, 1899. Subsequently, González-Sponga, 1993 described a harvestman genus of the family Cosmetidae (with the type species *Baria neblinensis* González-Sponga, 1993 from Venezuela) under the same generic name. It is still used as a valid genus name. Thus, the genus name *Baria* González-Sponga, 1993 is a junior homonym of the genus *Baria* Karsch, 1896. So I propose a new replacement name *Spongaobaria* nom. nov. for the genus name *Baria* González-Sponga, 1993.

Etymology: from M.-A. González-Sponga who is current author of the preexisting genus *Baria*.

Summary of nomenclatural changes:

Spongaobaria **nom. nov.**

= *Baria* González-Sponga, 1993 (non Karsch, 1896)

Spongaobaria neblinensis (González-Sponga, 1993) **comb. nov.**

= *Baria neblinensis* González-Sponga, 1993

Genus *Peruana* nom. nov.

Gnidiella Roewer, 1957. Senckenberg. biol. 38: 92 (Arachnida : Opiliones: Laniatores: Cosmetidae: Cosmetinae). Preoccupied by *Gnidiella* Parker, 1949. J. Paleont., 23: 582 (Mollusca: Bivalvia: Heterodonta: Veneroidea: Veneridae: Chioninae).

Remarks on nomenclatural changes: Roewer (1957) proposed a harvestman genus name *Gnidiella* with the type species *Gnidiella picta* Roewer, 1957 from Peru in the family Cosmetidae. Unfortunately, the generic name was already preoccupied by Parker (1949), who had described the genus *Gnidiella* in Mollusca. It is still used as a valid genus name (e.g. Millard, 1997; Sepkoski, 2002). *Gnidiella* Parker, 1949 is extant. It was assigned to Veneroida by Sepkoski (2002). Thus, the genus *Gnidiella* Roewer, 1957 is a junior homonym of the generic name *Gnidiella* Parker, 1949. So I propose a new replacement name *Peruanas* nom. nov. for *Gnidiella* Roewer, 1957.

Etymology: from the country Peru from where the type species was described.

Summary of nomenclatural changes:

Peruana **nom. nov.**

= *Gnidiella* Roewer, 1957 (non Parker, 1949)

Peruana picta (Roewer, 1957) **comb. nov.**

= *Gnidiella picta* Roewer, 1957

Family Zalmoxioidae

Genus *Venezuelana* nom. nov.

Lara González-Sponga, 1987. Aracnidos de Venezuela. Opiliones Laniatores 1. Familias Phalangodidae y Agoristenidae. Biblioteca de la Academia de Ciencias Físicas, Matemáticas y Naturales, Caracas - Venezuela: 142 (Arachnida : Opiliones: Laniatores: Zalmoxioidae). Preoccupied by *Lara* LeConte, 1852. Proc. Acad. nat. Sci. Philad., 6: 42 (Insecta: Coleoptera: Elmidae: Larainae).

Remarks on nomenclatural changes: Firstly, Drapiez (1819) proposed a hymenopteran genus *Lara* in Ann. gén. Sci. Phys. (Bruxelles), 1: 54 (Hymenoptera: Sphecidae). For the present, it is not used as a valid name. *Lara* Drapiez, 1819 is a synonym of the genus *Larra* Fabricius, 1793 now. According to Pulawski (2000), *Lara* Drapiez, 1819 is lapsus or emendation of *Larra* Fabricius, 1793.

Then, the name *Lara* was proposed by LeConte (1852) for a beetle genus with the type species *Lara avara* LeConte, 1852 (Coleoptera: Elmidae: Larainae). For the present, it is still used as a valid genus name in the family Elmidae. The genus *Lara* LeConte, 1852 is the type genus of the subfamily Larainae (Coleoptera: Elmidae) now. It includes two species as *Lara avara* LeConte, 1852 and *Lara gehringi* Darlington, 1929.

Later, *Lara* was described by Otte & Alexander (1983) for an orthopteran genus in Monographs Acad. nat. Sci. Philad. 22: 409 (Orthoptera: Ensifera: Grylloidea: Mogoplistidae: Mogoplistinae). For the present, it is not used as a valid name. *Lara* Otte & Alexander, 1983 is a

synonym of the genus *Musgravia* Otte, 1994 that is a new name for *Lara* Otte and Alexander, 1983 now.

Finally, González-Sponga (1987) established *Lara* for a harvestman genus with the type species *Lara absonustarsalis* González-Sponga, 1987 from Venezuela in the family Zalmoxioidae. For the present, it is still used as a valid genus name.

Thus, the genus *Lara* González-Sponga, 1987 is a junior homonym of the genus name *Lara* LeConte, 1852 (Coleoptera). So I propose a new replacement name *Venezuelana* nom. nov. for *Lara* González-Sponga, 1987.

Etymology: from the country Venezuela from where the type species was described.

Summary of nomenclatural changes:

Venezuelana **nom. nov.**

= *Lara* González-Sponga, 1987 (non Drapiez, 1819; LeConte, 1852; Otte & Alexander, 1983).

Venezuelana absonustarsalis (González-Sponga, 1987) **comb. nov.**

= *Lara absonustarsalis* González-Sponga, 1987

Genus *Opilioparamo* nom. nov.

Paramo González-Sponga, 1987. Aracnidos de Venezuela. Opiliones Laniatores 1. Familias Phalangodidae y Agoristenidae. Biblioteca de la Academia de Ciencias Físicas, Matemáticas y Naturales, Caracas - Venezuela: 228 (Arachnida : Opiliones: Laniatores: Zalmoxioidae). Preoccupied by *Paramo* Adams & Bernard, 1977. Syst.Ent. 2: 273 (Insecta: Lepidoptera: Papilionoidea: Nymphalidae).

Remarks on nomenclatural changes: The genus *Paramo* was erected by Adams & Bernard, 1977 with the type species *Pedaliodes aculata* Krüger, 1924 in the family Nymphalidae (Lepidoptera). It is still used as a valid genus name (e.g. Pitkin & Jenkins, 2007). Later, the genus name *Paramo* was proposed by González-Sponga, 1987 with the type species *Paramo meridensis* González-Sponga, 1987 from Venezuela in the family Zalmoxioidae. However, the name *Paramo* González-Sponga, 1987 is invalid under the law of homonymy, being a junior homonym of *Paramo* Adams & Bernard, 1977. So I propose to substitute the junior homonym name *Paramo* González-Sponga, 1987 for the name *Opilioparamo* nom. nov.

Etymology: from the order name Opiliones.

Summary of nomenclatural changes:

Opilioparamo **nom. nov.**

= *Paramo* González-Sponga, 1987 (non Adams & Bernard, 1977)

Opilioparamo meridensis (González-Sponga, 1987) **comb. nov.**
= *Paramo meridensis* González-Sponga, 1987

Opilioparamo regaladoi (González-Sponga, 1999) **comb. nov.**
= *Paramo regaladoi* González-Sponga, 1999

Genus *Neocea* nom. nov.

Cea González-Sponga, 1987. Aracnidos de Venezuela. Opiliones Laniatores 1. Familias Phalangodidae y Agoristenidae. Biblioteca de la Academia de Ciencias Físicas, Matemáticas y Naturales, Caracas - Venezuela: 72 (Arachnida : Opiliones: Laniatores: Zalmoxioidae). Preoccupied by *Cea* Walker, 1837. Monographia Chalciditum. (Continued.) Entomological Magazine 4(4): 355 (Insecta: Hymenoptera: Chalcidoidea: Pteromalidae).

Remarks on nomenclatural changes: Firstly, the genus *Cea* was established by Walker, 1837 for hymenopteran family Pteromalidae with the type species *Cea pulicaris* Walker, 1837 by monotypy. It is still used as a valid name in Hymenoptera (e.g. Noyes, 2007). Later, the genus *Cea* was proposed by González-Sponga, 1987 for opilionid family Zalmoxioidae with the type species *Cea lanceolata* González-Sponga, 1987 from Venezuela. However, the name *Cea* González-Sponga, 1987 is invalid under the law of homonymy, being a junior homonym of *Cea* Walker, 1837. So I propose to substitute the junior homonym name *Cea* González-Sponga, 1987 for the nomen novum *Neocea*.

Etymology: from Latin prefix neo- that means new in English.

Summary of nomenclatural changes:

Neocea **nom. nov.**

= *Cea* González-Sponga, 1987 (non Walker, 1837)

Neocea lanceolata (González-Sponga, 1987) **comb. nov.**

= *Cea lanceolata* González-Sponga, 1987

LITERATURE CITED

Adams, M.J. & Bernard, G.I. 1977. Pronophilina butterflies (Satyridae) of the Sierra Nevada de Santa Marta, Colombia. Syst. Ent., **2**: 263-281.

Drapiez, P.A.J. 1819. Description de huit espèces d'insectes nouveaux. Annales Générales des Sciences Physiques **1**: 45-55.

González-Sponga, M.A. 1987. Aracnidos de Venezuela. Opiliones Laniatores 1. Familias Phalangodidae y Agoristenidae. Biblioteca de la Academia de Ciencias Físicas, Matemáticas y Naturales, Caracas – Venezuela, 562 pp.

González-Sponga, M.A. 1996 ("1993"). Arácnidos de Venezuela. Un nuevo género y una nueva especie de la familia Cosmetidae del Parque Nacional "Serranía de la Neblina", Edo. Amazonas (Opiliones). Boletín de la Academia de Ciencias, Matemáticas y Naturales, Caracas, **53** (171-172): 97-107.

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

Karsch, F. 1896. Entomologische Nachrichten. Berlin, **22**: 267.

LeConte, J.L. 1852. Synopsis of the Parnidae of the United States . Proceedings of the Academy of Natural Sciences of Philadelphia **6**: 41-45.

Millard, V. 1997. Classification of Mollusca: A classification of world wide Mollusca. 1-544.

Noyes, J. 2007. Universal Chalcidoidea Database. Last updated July 2007. Available from: <http://www.nhm.ac.uk/jdsml/research-curation/projects/chalcidoids/>

Otte, D. & Alexander, R. D. 1983. The Australian crickets (Orthoptera: Gryllidae). Monographs of the Academy of Natural Sciences of Philadelphia **22**:1-477.

Parker, P. 1949. Fossil and Recent species of the pelecypod genera Chione and Securella from the Pacific coast. Journal of Paleontology **23** (6): 577-593.

Pitkin, B.R. & Jenkins, P. 2007. Butterflies and Moths of the World Generic Names and their Type-species. Last updated 05-Nov-2004. Available from: <http://www.nhm.ac.uk/research-curation/projects/butmoth/>

Pulawski, W.J. 2000. A Catalog of Sphecidae of Madagascar. Last updated 1 November 2000. Available from: http://www.calacademy.org/research/entomology/entomology_resources/Faunal_Projects/madagascar_sphecidae/index.html

Roewer, C.F. 1957. Arachnida Arthrogastra aus Peru, III. Senckenbergiana Biologica **38**: 67-94.

Sepkoski, J.J. 2002. A compendium of fossil marine animal genera. Bulletins of American Paleontology **363**:1-560.

Walker, F. 1837. Monographia Chalciditum. (Continued.) Entomological Magazine **4** (4): 355.

Order	Family	Junior homonym	Senior homonym	Replacement name
OPILIONES	COSMETIDAE	<i>Baria</i> González-Sponga, 1993	<i>Baria</i> Karsch, 1896 (Lepidoptera)	<i>Spongaobaria</i> nom. nov.
OPILIONES	COSMETIDAE	<i>Gnidiella</i> Roewer, 1957	<i>Gnidiella</i> Parker, 1949 (Mollusca)	<i>Peruana</i> nom. nov.
OPILIONES	ZALMOXIOIDAE	<i>Lara</i> González-Sponga, 1987	<i>Lara</i> LeConte, 1852 (Coleoptera)	<i>Venezuelana</i> nom. nov.
OPILIONES	ZALMOXIOIDAE	<i>Paramo</i> González-Sponga, 1987	<i>Paramo</i> Adams & Bernard, 1977 (Lepidoptera)	<i>Opitioparamo</i> nom. nov.
OPILIONES	ZALMOXIOIDAE	<i>Cea</i> González-Sponga, 1987	<i>Cea</i> Walker, 1837 (Hymenoptera)	<i>Neocea</i> nom. nov.

Table 1. Taxonomical position homonym and replacement names of some harvestman genera.