

REPLACEMENT NAMES FOR SOME PREOCCUPIED MACRO- AND MICROLEPIDOPTERAN GENERA (LEPIDOPTERA)

Hüseyin Özdikmen*

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

[Özdikmen, H. 2008. Replacement names for some preoccupied macro- and microlepidopteran genera (Lepidoptera). Munis Entomology & Zoology 3 (1): 185-190]

ABSTRACT: Five junior homonyms were detected among the lepidopteran genus group names and the following replacement names are proposed: *Parraiella* nom. nov. for *Daniela* Parra, 1996; *Rindgeopoya* nom. nov. for *Poya* Ringde, 1983; *Sugiella* nom. nov. for *Oligonyx* Sugi, 1982; *Neomelanesthes* nom. nov. for *Melanesthes* Diakonoff, 1954 and *Adiakonoffia* nom. nov. for *Leptocera* Diakonoff, 1983. Accordingly, new combinations are herein proposed for the species currently included in these genus group names respectively: *Parraiella viridis* (Parra, 1996) comb. nov.; *Rindgeopoya unica* (Rindge, 1971) comb. nov.; *Rindgeopoya variata* (Rindge, 1973) comb. nov.; *Sugiella vulnerata* (Butler, 1878) comb. nov.; *Neomelanesthes atopa* (Bradley, 1959) comb. nov.; *Neomelanesthes disema* (Diakonoff, 1954) comb. nov. and *Adiakonoffia microchl* (Diakonoff, 1983) comb. nov.

KEY WORDS: nomenclatural changes, homonymy, replacement names, Lepidoptera.

MACROLEPIDOPTERA

Superfamily GEOMETROIDEA Family GEOMETRIDAE

Subfamily LARENTIINAE Genus *PARRAIELLA* NOM. NOV.

Daniela Parra, 1996. Shilap Rev. Lepid. 24 (93), 30 de marzo: 42 (Insecta: Lepidoptera: Geometroidea: Geometridae: Larentiinae). Preoccupied by *Daniela* Koch, 1891. Mitt. Stat. Neapel, 9 (4), 669. (Coelenterata: Cnidaria: Anthozoa: Aleyonaria: Aleyonacea: Nephtheidae).

Remarks: The name *Daniela* was initially introduced by Koch, 1891 for a genus of octocoral family Nephtheidae (Cnidaria). Subsequently, Parra, 1973 described a moth genus *Daniela* (with the type species *Daniela viridis* Parra, 1996) under the same generic name. Parsons et al. (1999) included only 1 species in the genus. Thus, the genus name *Daniela* Parra, 1996 is a junior homonym of the genus *Daniela* Koch, 1891. So I propose a new replacement name *Parraiella* nom. nov. for the genus name *Daniela* Parra, 1996.

Etymology: from L. E. Parra who is the current author of the preexisting genus *Daniela*.

Summary of nomenclatural changes:

Parraiella **nom. nov.**

= *Daniela* Parra, 1996 (non Koch, 1891).

Parraiella viridis (Parra, 1996) **comb. nov.**

= *Daniela viridis* Parra, 1996

Subfamily ENNOMIINAE
Genus *RINDGEOPOYA* NOM. NOV.

Poya Rindge, 1983. Bulletin Am. Mus. nat. Hist. 175 (2): 253. (Insecta: Lepidoptera: Geometroidea: Geometridae: Ennomiidae). Preoccupied by *Poya* Peters & Peters, 1980. Cahiers Off. Rech. scient. tech. Outre-Mer (Hydrobiol.) 13 (1-2): 65. (Insecta: Ephemeroptera: Leptophlebiidae: Atalophlebiinae).

Remarks: Rindge (1983) described the moth genus *Poya* with the type species *Salpis unica* Rindge, 1971 in Lepidoptera. Parsons et al. (1999) included 2 species in the genus *Poya* Rindge, 1983. Unfortunately, the generic name was already preoccupied by Peters & Peters (1980), who had proposed the genus name *Poya* with the type species *Poya brunnea* Peters & Peters, 1980 by original designation in the mayfly family Leptophlebiidae. *Poya* Peters & Peters, 1980 is a monotypic genus from New Caledonia. It is still used as a valid name in Ephemeroptera (e.g. Towns & Peters, 1996). Thus, the genus *Poya* Rindge, 1983 is a junior homonym of the generic name *Poya* Peters & Peters, 1980. So I propose a new replacement name *Rindgeopoya* nom. nov. for *Poya* Rindge, 1983.

Etymology: from F. H. Rindge who is the current author of the preexisting genus *Poya*.

Summary of nomenclatural changes:

Rindgeopoya **nom. nov.**

= *Poya* Rindge, 1983 (non Peters & Peters, 1980).

Rindgeopoya unica (Rindge, 1971) **comb. nov.**

= *Salpis unica* Rindge, 1971

= *Poya unica* (Rindge, 1971)

Rindgeopoya variata (Rindge, 1973) **comb. nov.**

= *Poya variata* Rindge, 1973

Superfamily NOCTUOIDEA
Family NOCTUIDAE
Subfamily HADENINAE
Genus *SUGIELLA* NOM. NOV.

Oligonyx Sugi, 1982. in Inoue & Kawabe 1982. Moths of Japan. Volume 1. Text. Kodansha, Tokyo: 780. (Insecta: Lepidoptera: Noctuoidea: Noctuidae: Hadeninae). Preoccupied by *Oligonyx* Saussure, 1869. Mitt. schweiz. ent. Ges., 3, 58 and 1872, 3, 239. (Insecta: Mantodea: Mantidae: Oligonychinae).

Remarks: The name *Oligonyx* was initially introduced by Saussure, 1869 as a genus name in Mantodea (with the type species *Oligonyx bicornis* Saussure, 1869). Subsequently, Sugi, 1982 described a new moth genus (with the type species *Miana vulnerata* Butler, 1878) under the same generic name in Lepidoptera. Poole (1989) included *Oligonyx* in the subfamily Amphipyridae, subsequently restricted to the genus *Amphipyra* by Kitching & Rawlins, in Kristensen (1999). Other genera formerly treated in the subfamily Amphipyridae are treated as Hadeninae by Kitching & Rawlins (1999). Poole (1989) included only 1 species in the genus *Oligonyx*. Thus, the genus *Oligonyx* Sugi, 1982 is a junior homonym of the genus *Oligonyx* Saussure, 1869. So I propose for the genus *Oligonyx* Sugi, 1982 the new replacement name *Sugiella* nom. nov.

Etymology: from S. Sugi who is the current author of the preexisting genus *Oligonyx*.

Summary of nomenclatural changes:

***Sugiella* nom. nov.**

= *Oligonyx* Sugi, 1982 (non Saussure, 1869)

***Sugiella vulnerata* (Butler, 1878) comb. nov.**

= *Miana vulnerata* Butler, 1878

= *Oligonyx vulnerata* (Butler, 1878)

MICROLEPIDOPTERA

Superfamily GELECHOIDEA
Family COSMopterigidae
Subfamily COSMopteriginae
Genus *NEOMELANESTHES* NOM. NOV.

Melanesthes Diakonoff, 1954. Verh. Akad. Wet. Amst. (Afd. Natuurk.) (2) 50, no. 1, 72. (Insecta: Lepidoptera: Gelechoidea: Cosmopterigidae: Cosmopteriginae). Preoccupied by *Melanesthes* Dejean, 1834. Catal. Coléopt., ed. 2, 191 [n.n.]; Faldermann 1835, Bull. Soc. imp. Nat. Moscou, 8, 167. (Insecta: Coleoptera: Polyphaga: Tenebrionidae).

Remarks: The *Melanesthes* Diakonoff, 1954 was established for a moth genus with the type species *Melanesthes disema* Diakonoff, 1954 by

original designation in Lepidoptera. Nevertheless the name *Melanesthes* is already occupied. Dejean (1834) established the genus *Melanesthes* for the family Tenebrionidae (Coleoptera). The genus is still used as a valid genus name of the family Tenebrionidae. Thus the moth genus *Melanesthes* Diakonoff, 1954 is a junior homonym of the genus *Melanesthes* Dejean, 1834. I suggest here that the name *Neomelanesthes* should be erected as a replacement name for *Melanesthes* Diakonoff, 1954 not *Melanesthes* Dejean, 1834 (Coleoptera).

Etymology: from preexisting genus name *Melanesthes*.

Summary of nomenclatural changes:

Neomelanesthes **nom. nov.**

= *Melanesthes* Diakonoff, 1954 (non Dejean, 1834).

Neomelanesthes atopa (Bradley, 1959) **comb. nov.**

= *Melanesthes atopa* (Bradley, 1959)

Neomelanesthes disema (Diakonoff, 1954) **comb. nov.**

= *Melanesthes disema* Diakonoff, 1954

Superfamily TORTRICOIDEA
Family TORTRICIDAE
Subfamily OLETHREUTINAE
Genus ADIAKONOFFIA NOM. NOV.

Leptocera Diakonoff, 1983. Annales Soc. ent. Fr. (N.S.) 19 (3): 307. (Insecta: Lepidoptera: Tortricoidea: Tortricidae: Olethreutinae). Preoccupied by *Leptocera* Olivier, 1813. Mém. Soc. Agric. Seine, 16, 489. (Insecta: Diptera: Brachycera: Sphaeroceroidea: Sphaeroceridae: Limosiniinae).

Remarks: The fly genus *Leptocera* was erected by Olivier, 1813 with the type species *Leptocera nigra* Olivier, 1813 in Diptera. It is still used as a valid genus name in Sphaeroceridae (e.g. Marshall, 2007). Later, the genus group name *Leptocera* was proposed by Diakonoff, 1983 with the type species *Gnathmocerodes (Leptocera) microchl* Diakonoff, 1983. Nye & Fletcher (1991) stated that *Leptocera* was established to denote a subgenus of *Gnathmocerodes* Diakonoff, [1968]. However, the name *Leptocera* Diakonoff, 1983 is invalid under the law of homonymy, being a junior homonym of *Leptocera* Olivier, 1813. So I propose to substitute the junior homonym name *Leptocera* Diakonoff, 1983 for the name *Adiakonoffia* nom. nov.

Etymology: from A. Diakonoff who is the current author of the preexisting genus *Leptocera*.

Summary of nomenclatural changes:

***Adiakonoffia* nom. nov.**

= *Leptocera* Diakonoff, 1983 (non Olivier, 1813)

***Adiakonoffia microchl* (Diakonoff, 1983) comb. nov.**

= *Gnathmocerodes* (*Leptocera*) *microchl* Diakonoff, 1983

LITERATURE CITED

Dejean, P. F. M. A. 1834. Catalogue des Coléoptères de la collection de M. le Comte Dejean. 2nd ed., 3: 177-256.

Diakonoff, A. 1954. Microlepidoptera of New Guinea: Results of the Third Archbold Expedition (American-Netherlands Indian Expedition 1938–39). Verhandelingen der Koninklijke Nederlands Akademie van Wetenschappen, Afdeling Naturkunde Series 2, 50 (1): 1–192.

Diakonoff A. 1983. Tortricidae from Madagascar. Part 2. Olethreutinae, 2. Annales de la Société entomologique de France 19 (3) : 291-310.

Inoue, H., Sugi, S., Kuroko, H., Moriuti, S. & Kawabe, A. 1982. Moths of Japan. 2 vols. Tokyo: Kodansha.

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

Kitching, I. J. & Rawlins, J. E. 1999. The Noctuoidea. Pp. 355-401. In: Kristensen, N.P. (ed.) Lepidoptera, Moths and Butterflies. 1. Evolution, systematics and biogeography. Handbook of Zoology, 4 (35). Lepidoptera. x + 491 pp.

Koch, G. Von. 1891. Die Alcyonacea des Golfes von Neapel. Mitt. Zool. Sta. Neapel 9: 652-676.

Marshall, S. A. 2007. Family Sphaeroceridae. In: Evenhuis, N.L. (ed.), Catalog of the Diptera of the Australasian and Oceanian Regions. (online version). Available at: <http://hbs.bishopmuseum.org/aocat/sphaero.html>. Last accessed: 26 May 2007.

Olivier, G. A. 1813. Premier mémoire sur quelques insectes qui attaquent les céréales. Mém. Soc. Agric. Dep. Seine 16: 477-495.

Parra L. E. 1996. Tricopterygini Neotropicales IV: descripción de nuevos géneros y especies de Chile (Lepidoptera: Geometridae). Shilap Rev. lep., 24 (93): 37-54.

Parsons, M. S., Scoble, M. J., Honey, M. R., Pitkin, L. M. & Pitkin, B. R. 1999. In Scoble (ed.) Geometrid Moths of the World: A Catalogue. Volumes 1 & 2: 1016 pp. + index 129 pp. CSIRO, Publishing, Canberra.

Peters, W. L. & Peters, J. G. 1980. The Leptophlebiidae of New Caledonia (Ephemeroptera). Part II. Systematics. Cahiers O.R.S.T.O.M., Series Hydrobiologie 13:61-82.

Pitkin, B. R. & Jenkins, P. 2004. 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/>

Poole R. W. 1989. Noctuidae. Part 3. In J. B. Heppner. *Lepidopterorum Catalogus* (New Series). Fascicle 118. E. J. Brill, Leiden, New York : 1015-1314.

Rindge, F. H. 1983. A generic revision of the New World Nacophorini (Lepidoptera, Geometridae). *Bull. Am. Mus. Nat. Hist.* 175: 147-262.

Saussure, H. L. F. de. 1869. Essai d'un syst. des mantides. *Mitt. Schweiz Ent. Ges.* 3 (2): 49-73.

Towns, D. R. & Peters, W. L. 1996. Leptophlebiidae (Insecta: Ephemeroptera). *Fauna of New Zealand* 36, 144 pp.