

SUBSTITUTE NAMES FOR SOME PREOCCUPIED LEAF BEETLES GENUS GROUP NAMES DESCRIBED BY L. N. MEDVEDEV (COLEOPTERA: CHRYSOMELIDAE)

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ABSTRACT: Recently six junior homonym genus group names were detected among the leaf beetle genus group names. All names were described by L. N. Medvedev (Russia). So, the following replacement names are herein proposed: *Medvedevella* nom. nov. for *Smaragdinella* Medvedev, 1971; *Medvedevlevna* nom. nov. for *Jacobsonia* Medvedev, 1970; *Levnma* nom. nov. for *Martinella* Medvedev, 2000; *Novascuta* nom. nov. for *Ascuta* Medvedev, 1997; *Neoblepharella* nom. nov. for *Blepharella* Medvedev, 1999 and *Euplatysphaera* nom. nov. for *Platysphaera* Medvedev, 2001.

KEY WORDS: nomenclatural change, homonymy, replacement name, Chrysomelidae, Clytrinae, Chrysomelinae, Galerucinae, Alticinae.

Family CHRYSOMELIDAE

Subfamily CLYTRINAE

Genus *SMARAGDINA* Chevrolat, 1837

Subgenus *MEDVEDEVELLA* nom. nov.

Smaragdinella Medvedev, 1971. Zool. Zh. 50: 693. (Insecta: Coleoptera: Chrysomeloidea: Chrysomelidae: Clytrinae). Preoccupied by *Smaragdinella* Adams & Reeve, 1848. Voy. "Samarang," 475. (Mollusca: Gastropoda: Opisthobranchia: Cephalaspidea: Acteonoidea: Smaragdinellidae).

Remarks on nomenclatural change: The genus *Smaragdinella* was erected by Adams & Reeve, 1848 with the type species *Smaragdinella calyculata* (Broderip & Sowerby, 1829) in Gastropoda. The genus is still used as a type genus of the family Smaragdinellidae. Later, the leaf beetle subgenus name *Smaragdinella* was proposed by Medvedev, 1971 for the genus *Smaragdina* Chevrolat, 1837 in the subfamily Clytrinae. However, the genus group name *Smaragdinella* Medvedev, 1971 is invalid under the law of homonymy, being a junior homonym of the genus *Smaragdinella* Adams & Reeve, 1848. So I propose to substitute the junior homonym name *Smaragdinella* Medvedev, 1971 for the name *Medvedevella* nom. nov.

Etymology: The subgenus is named after the author of *Smaragdinella*, Dr. Lev N. Medvedev (Russia).

Summary of nomenclatural changes:

Genus *Smaragdina* Chevrolat, 1837

Subgenus *Medvedevella* **nom. nov.**

pro *Smaragdinella* Medvedev, 1971 (non Adams & Reeve, 1848)

Subfamily CHRYSOMELINAE

Genus CHRYSOLINA Motschulsky, 1860

Subgenus MEDVEDEVLEVNA **nom. nov.**

Jacobsonia Medvedev, 1970. Trudy biol.-pochvenn.Inst., Vladivostok No. 1: 162. (Insecta: Coleoptera: Chrysomeloidea: Chrysomelidae: Chrysomelinae). Preoccupied by *Jacobsonia* Berlese, 1910. Redia, 6, 373. (Acari: Mesostigmata: Dermanyssoidea: Laelapidae: Iphipsinae).

Remarks on nomenclatural change: The generic name *Jacobsonia* Berlese, 1910 was proposed for a genus of mite family Laelapidae with the type species *Iphipsia submollis* Berlese, 1910. Subsequently, the genus group name *Jacobsonia* Medvedev, 1970 was introduced for a new leaf beetle subgenus (with the type species *Chrysolina pudica* Medvedev, 1970). Thus, the subgenus *Jacobsonia* Medvedev, 1970 is a junior homonym of the generic name *Jacobsonia* Berlese, 1910. So I propose for the subgenus name *Jacobsonia* Medvedev, 1970 the new replacement name *Medvedevlevna* **nom. nov.**

Etymology: The subgenus is named after the author of *Jacobsonia*, Dr. Lev N. Medvedev (Russia).

Summary of nomenclatural changes:

Genus *Chrysolina* Motschulsky, 1860

Subgenus *Medvedevlevna* **nom. nov.**

pro *Jacobsonia* Medvedev, 1970 (non Berlese, 1910; nec Koschantschikov, 1912; nec Cameron, 1936)

Subfamily GALERUCINAE

Genus LEVNMA **NOM. NOV.**

Martinella Medvedev, 2000. Ann. Hist-Nat. Mus. Natl. Hung. 92: 166. (Insecta: Coleoptera: Chrysomeloidea: Galerucinae). Preoccupied by *Martinella* Jousseaume, 1887. Bull. Soc. zool. France, 12, 173. (Mollusca: Gastropoda: Stylommatophora: Streptaxidae).

Remarks on nomenclatural change: The flea beetle *Martinella* Medvedev, 2000 was established for a genus of the family Galerucinae. Nevertheless the name *Martinella* is already occupied. Jousseaume

(1887) proposed the gastropod genus name *Martinella* with the type species *Martinella martinella* Jousseaume, 1887 for Gastropoda. Thus the flea beetle genus *Martinella* Medvedev, 2000 is a junior homonym of *Martinella* Jousseaume, 1887 (Gastropoda). I suggest here that the name *Levnma* should be erected as a replacement name for *Martinella* Medvedev, 2000.

Etymology: The genus is named after the author of *Martinella*, Dr. Lev N. Medvedev (Russia).

Summary of nomenclatural changes:

Levnma **nom. nov.**

pro *Martinella* Medvedev, 2000 (non Jousseaume, 1887; nec Cockerell, 1903; nec Sicard, 1907; nec Bolivar, 1909; nec Artigas & Papavero, 1995).

Subfamily ALTICINAE

Genus NOVASCUTA **nom. nov.**

Ascuta Medvedev, 1997. Zool. Zh. 76 (10), 1219. (Insecta: Coleoptera: Chrysomeloidea: Chrysomelidae: Alticinae). Preoccupied by *Ascuta* Forster, 1956. Rec. Canterbury Mus. 7: 101. (Arachnida: Araneae: Araneomorpha: Dysderoidea: Orsolobidae).

Remarks on nomenclatural change: Medvedev (1997) described a flea beetle genus *Ascuta* in the subfamily Alticinae. Unfortunately, the generic name was already preoccupied by Forster (1956), who had described the spider genus *Ascuta* (with the type species *Ascuta media* Forster, 1956 in the family Orsolobidae. The genus *Ascuta* Forster, 1956 is still used as a valid genus name in Araneae. According to Platnick (2007), it is a rather rich genus and includes fourteen species. Thus, the genus group name *Ascuta* Medvedev, 1997 is a junior homonym of the generic name *Ascuta* Forster, 1956. So we propose a new replacement name *Novascuta* **nom. nov.** for *Ascuta* Medvedev, 1997.

Etymology: from the Latin word “nova” (meaning “new” in English) + current genus name.

Summary of nomenclatural changes:

Novascuta **nom. nov.**

pro *Ascuta* Medvedev, 1997 (non Forster, 1956)

Genus NEOBLEPHARELLA **NOM. NOV.**

Blepharella Medvedev, 1999. Russ Entomol J 8 (3), September: 176. (Insecta: Coleoptera: Chrysomeloidea: Chrysomelidae: Alticinae). Preoccupied by *Blepharella* Macquart, 1851. Dipt. exot., Suppl. 4, 203. (Insecta: Diptera: Oestroidea: Tachinidae: Goniinae).

Remarks on nomenclatural change: The name *Blepharella* was initially introduced by Macquart, 1851 for a genus of the fly family Tachinidae (with the type species *Blepharella lateralis* Macquart, 1851 by original designation and monotypy). *Blepharella* Macquart, 1851 is still used as a valid genus name in Tachinidae (Diptera). According to Cantrell & Crosskey (2007), it includes only one species as the type. Subsequently, Medvedev, 1999 described an flea beetle genus *Blepharella* under the same generic name. Thus, the genus group name *Blepharella* Medvedev, 1999 is a junior homonym of the genus *Blepharella* Macquart, 1851. So I propose a new replacement name *Neoblepharella* nom. nov. for the genus name *Blepharella* Medvedev, 1999.

Etymology: from the Latin prefix “-neo” (meaning “new” in English) + current genus name.

Summary of nomenclatural changes:

Neoblepharella **nom. nov.**

pro *Blepharella* Medvedev, 1999 (non Macquart, 1851)

Genus EUPLATYSphaera NOM. NOV.

Platysphaera Medvedev, 2001. Entomol. Basil. 23, 1, 188. (Insecta: Coleoptera: Chrysomeloidea: Chrysomelidae: Alticinae). Preoccupied by *Platysphaera* Holdich & Harrison, 1981. Record Aust. Mus. 33 (12): 637. (Crustacea: Malacostraca: Isopoda: Sphaeromatoidea: Sphaeromatidae).

Remarks on nomenclatural change: The flea beetle *Platysphaera* Medvedev, 2001 was established for a genus of the family Alticinae. Nevertheless the name *Platysphaera* is already occupied. Holdich & Harrison (1981) proposed the isopod genus group name *Platysphaera* with the type species *Platysphaera membranata* Holdich & Harrison, 1981 for Crustacea. The genus group name is still used as a valid name in Isopoda. Thus the flea beetle genus *Platysphaera* Medvedev, 2001 is a junior homonym of *Platysphaera* Holdich & Harrison, 1981 (Crustacea: Isopoda). I suggest here that the name *Euplatysphaera* should be erected as a replacement name for *Platysphaera* Medvedev, 2001.

Etymology: from the Latin prefix “-eu” (meaning “real” in English) + current genus name.

Summary of nomenclatural changes:

Euplatysphaera **nom. nov.**

pro *Platysphaera* Medvedev, 2001 (non Holdich & Harrison, 1981).

NOTE: As far as I know, Dr. Lev N. Medvedev (Russia) is still alive. I found two different e-mails of Dr. Medvedev but I could not reach him even though all my efforts.

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