

## SUBSTITUTE NAMES FOR THREE PALAEARCTIC FLY GENUS GROUP NAMES (DIPTERA: LIMONIIDAE AND DOLICHOPODIDAE)

**Hüseyin Özdikmen\***

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

**Özdikmen, H.** 2010. Substitute names for three Palaearctic fly genus group names (Diptera: Limoniidae and Dolichopodidae). *Munis Entomology & Zoology*, 5 (1): 262-265]

**ABSTRACT:** Three junior homonyms were detected among dipter genera and the following replacement names are proposed: *Neopelosia* nom. nov. for *Pelosia* Rondani, 1856 (nec Hübner, [1819]), *Hoplobasis* (*Novolunaria*) nom. nov. for *Hoplobasis* (*Lunaria*) Savchenko, 1982 (nec Fabricius, 1823; non Gray, 1847; non Jin et al., 1979) and *Sphyrotarsus* (*Ozmena*) nom. nov. for *Sphyrotarsus* (*Takagia*) Negrobov, 1973 (nec Matsumuro, 1942; non Tang, 1984). Accordingly, new combinations are herein proposed for the species currently included in these genus group: *Neopelosia albifrons* (Rondani, 1856) comb. nov., *Hoplobasis* (*Novolunaria*) *amselina* (Nielsen, 1961) comb. nov., *Hoplobasis* (*Novolunaria*) *idiophallus* (Savchenko, 1973) comb. nov. and *Sphyrotarsus* (*Ozmena*) *stackelbergi* Negrobov, 1965 comb. nov..

**KEY WORDS:** nomenclatural changes, homonymy, replacement names, Limoniidae, Dolichopodidae, Diptera, new combinations.

In an effort to reduce the number of homonyms in Diptera, I found three genus group taxa whose names had been previously published for other taxa, making them junior homonyms. In accordance with the International Code of Zoological Nomenclature, I propose substitute names for these genus group names.

### **Family LIMONIIDAE** **Genus NEOPELOSIA nom. nov.**

*Pelosia* Rondani, 1856. Dipt. ital. Prodr., 1, 185. (Diptera: Nematocera: Tipuloidea: Limoniidae: Limoniinae). Preoccupied by *Pelosia* Hübner, [1819]. Verz. bekannt. Schmett., (11) 165. (Lepidoptera: Noctuoidea: Arctiidae: Lithosiinae).

#### **Remarks on nomenclatural changes:**

The name *Pelosia* was initially introduced by Hübner [1819] for a moth genus (with the type species *Phalaena muscerda* Hufnagel, 1766 by original monotypy from India, Assam). It is still used as a valid genus name. It has one generic synonym as *Menexus* Brunner von Wattenwyl, 1893. It has twelve species (including the type species) now as *Menexus adveniens* Brunner von Wattenwyl, 1907; *M. batesii* (Kirby, 1896); *M. fruhstorferi* Brunner von Wattenwyl, 1907; *M. lacertinus* (Westwood, 1848); *M. nudiusculus* Hausleithner, 1992; *M. obtuselobatus* Brunner von Wattenwyl, 1907; *M. obtusespinosus* Sinéty, 1901; *M. perdentatus* Brunner von Wattenwyl, 1907; *M. quadrilobatus* Brunner von Wattenwyl, 1907; *M. rotunginus* Giglio-Tos, 1914; *M. semiarmatus* (Westwood, 1848) and *M. tenmalainus* Günther, 1938.

Subsequently, Rondani (1856) described a new limoniids genus (with the type species *Pelosia albifrons* Rondani, 1856 from Italy) under the same generic name.

It is also still used as a valid genus name. It has no any generic synonym. It is monotypic genus now.

Thus, the genus *Pelosia* Rondani, 1856 is a junior homonym of the genus *Pelosia* Hübner, [1819]. According to Article 60 of the International Code of Zoological Nomenclature, I propose for the genus *Pelosia* Rondani, 1856 the new replacement name *Neopelosia* **nom. nov.**

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

Summary of nomenclatural changes:

*Neopelosia* **nom. nov.**

pro *Pelosia* Rondani, 1856 (nec Hübner, [1819]).

*Neopelosia albifrons* (Rondani, 1856) **comb. nov.**

from *Pelosia albifrons* Rondani, 1856

Distribution: Italy [Westpalaearctic].

### **Genus HOPLOBASIS Osten Sacken, 1869**

#### **Subgenus NOVOLUNARIA nom. nov.**

*Lunaria* Savchenko, 1982. Fauna Ukraini 14 (3): 182. (Diptera: Nematocera: Tipuloidea: Limoniidae: Chioneinae: *Hoplobasis*). Preoccupied by *Lunaria* Fabricius, 1823. Fortegnelse, 93. (Mollusca: Gastropoda).

#### **Remarks on nomenclatural changes:**

Savchenko (1982) described the limoniids subgenus *Lunaria* in the genus *Ilisia* Rondani, 1856 with the type species *Ilisia idiophallus* Savchenko, 1973 from West Palaearctic region. It is still used as a valid subgenus name of the genus *Hoplobasis* Osten Sacken, 1869. It has no any generic synonym. It has two species (including the type species) now.

Two additional homonyms have been noticed until now. *Lunaria* Gray, 1847 which is a lapsus for a bivalve genus *Lunarca* Gray, 1842. *Lunaria* Jin, Sun, Ye, 1979 which was a triassic rhynchonellides genus in Brachiopoda. Jin et al. (1997) replaced it with a new name *Lunarhynchia* as a junior homonym.

Since, the generic names were already preoccupied by a molluscan genus also called *Lunaria* by Fabricius (1823).

Thus, the genus group name *Lunaria* Savchenko, 1982 is a junior homonym of the generic name *Lunaria* Fabricius, 1823. According to Article 60 of the International Code of Zoological Nomenclature, I propose a new replacement name *Novolunaria* **nom. nov.** for *Lunaria* Savchenko, 1982.

Etymology: from the Latin word “novus” (meaning in English “new”).

Summary of nomenclatural changes:

Genus *Hoplobasis* Osten Sacken, 1869

Subgenus *Novolunaria* **nom. nov.**

pro *Lunaria* Savchenko, 1982 (nec Fabricius, 1823; non Gray, 1847; non Jin et al., 1979)

*Hoplobasis* (*Novolunaria*) *amselina* (Nielsen, 1961) **comb. nov.**

Syn.: *Hoplolabis* (*Lunaria*) *amseliana* (Nielsen, 1961)

*Erioptera amseliana* Nielsen, 1961

Distribution: Armenia, Turkmenistan, Tajikistan, Kirgizia, Afghanistan [Westpalaeartic and Eastpalaeartic].

*Hoplobasis (Novolunaria) idiophallus* (Savchenko, 1973) **comb. nov.**

Syn.: *Hoplolabis (Lunaria) idiophallus* (Savchenko, 1973)

*Ilisia idiophallus* Savchenko, 1973

Distribution: Bulgaria, Romania, Slovakia, Switzerland, Ukraine (Carpathians) [Westpalaeartic].

**Family DOLICHOPODIDAE****Genus SPHYROTARSUS Mik, 1874****Subgenus OZMENA nom. nov.**

*Takagia* Negrobov, 1973. Zool. Zh. 52: 1520. (Diptera: Brachycera: Dolichopodidae). Preoccupied by *Takagia* Matsumura, 1942. Insecta matsum., 16, 83. (Hemiptera: Cercopoidea: Aphrophoridae).

**Remarks on nomenclatural changes:**

Negrobov (1973) described the long-legged flies subgenus *Takagia* in the genus *Sphyrotarsus* Mik, 1874 with the type species *Sphyrotarsus stackelbergi* Negrobov, 1965 by monotypy and original designation from Shugnan, river Gunt, Khorog, Gorno-Badakhshan region, Tajikistan. It is still used as a valid subgenus name of the genus *Sphyrotarsus* Mik, 1874. It has no any generic synonym. It is monotypic subgenus now.

An additional homonym has been noticed until now. *Takagia* Tang, 1984 which was a scale insects genus in the family Diaspididae (Hemiptera: Coccoidea). Ben-Dov in Ben-Dov & German (2003) replaced it with a new name *Sadaotakagia* as a junior homonym.

Since, the generic names were already preoccupied by an monotypic aphrophorid genus also called *Takagia* by Matsumuro (1942) with the type species *Takagia lugubris* (Lethierry, 1876). It is still used as a valid genus name in the family Aphrophoridae (Hemiptera: Cercopoidea).

Thus, the genus group name *Takagia* Negrobov, 1973 is a junior homonym of the generic name *Takagia* Matsumuro, 1942. According to Article 60 of the International Code of Zoological Nomenclature, I propose a new replacement name *Ozmena* **nom. nov.** for *Takagia* Negrobov, 1973.

Etymology: This name is dedicated to my student Tuğçe Özmen (Turkey).

Summary of nomenclatural changes:

Genus *Sphyrotarsus* Mik, 1874

= *Hydrobius* Oldenberg, 1916 (nomen nudum)

Type species: *Sphyrotarsus argyrostomus* Mik, 1874 (by monotypy)

Subgenus *Sphyrotarsus* Mik, 1874

*Sphyrotarsus (Sphyrotarsus) argyrostomus* Mik, 1874

Distribution: Austria, France, Switzerland, Italy [Westpalaeartic].

*Sphyrotarsus (Sphyrotarsus) caucasicus* Negrobov, 1965

Distribution: Russia [Palaeartic].

*Sphyrotarsus (Sphyrotarsus) hervebazini* Parent, 1914

Distribution: France, Switzerland [Westpalaeartic].

*Sphyrotarsus (Sphyrotarsus) hessei* Parent, 1914

Distribution: France, Italy [Westpalaeartic].

*Sphyrotarsus (Sphyrotarsus) hygrophilus* Becker, 1891

Distribution: Austria, France, Switzerland [Westpalaeartic].

*Sphyrotarsus (Sphyrotarsus) parenti* Hesse, 1933

Distribution: France [Westpalaeartic].

Subgenus *Ozmena* **nom. nov.**

pro *Takagia* Negrobov, 1973 (nec Matsumuro, 1942; non Tang, 1984).

*Sphyrotarsus (Ozmena) stackelbergi* Negrobov, 1965 **comb. nov.**

from *Sphyrotarsus (Takagia) stackelbergi* Negrobov, 1965

*Sphyrotarsus stackelbergi* Negrobov, 1965

Distribution: Tajikistan [Palaeartic].

#### LITERATURE CITED

**Ben-Dov, Y. & German, V.** 2003. A systematic catalogue of the Diaspididae (armoured scale insects) of the world, subfamilies Aspidiotinae, Comstockiellinae and Odonaspinae. Intercept, Andover, Hants, U.K. 1112 pp.

**Fabricius, O.** 1823. Fortegnelse: 93 [fide Neave 1939-1950, Nomenclator Zoologicus, Vol. II, p. 1008].

**Gray, J. E.** 1847. A list of genera of recent Mollusca, their synonyms and types. Proceeding of the Zoological Society of London, 15: 129-219.

**Hübner, J.** [1819]. Verzeichniss bekannter Schmettlinge, 1816-[1826]. Verz. bek. Schmett. (11): 161-176.

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

**Jin, Y. G., Mancenido, M. O. & Sun, D. L.** 1997. *Lunaria* Jin, Sun & Ye, 1979 vs. *Lunaria* Fabricius, 1823: The need for a replacement name. Ameghiniana, 34 (4): 392.

**Jin, Y. G., Ye, S. L., Xu, H. K. & Sun, D. L.** 1979. Brachiopoda. In: Palaeontological atlas of northwest China. Fascicle Quinghai, 1: 60-217.

**Matsumura, S.** 1942. New species and new genera of Palaeartic Superfamily Cercopoidea with a tabular key to the classification. Insecta Matsumurana, 16: 71-106.

**Negrobov, O. P.** 1973. Genera and subgenera of the subfamily Hydrophorinae (Diptera Dolichopodidae) of holarctic. Zool. zhurnal., 52: 1514-1520.

**Rondani, C.** 1856. Dipterologiae Italicae Prodromus. Genera Italica ordinis dipterorum ordinatim disposita et distincta et in familias et stirpes aggregata. Parmae [= Parma], 1: 1-228.

**Savchenko, E. N.** 1982. Limoniid-flies (subfamily Eriopterinae). Fauna Ukrainy, 14 (3): 1-335 (in Ukrainian).

**Tang, F. T.** 1984. The scale insects of horticulture and forest of China. Vol. II. (In Chinese.) Shanxi Agricultural University Press, Taiyu, Shanxi, China. 105 pp.