

A NOMENCLATURAL ACT: REPLACEMENT NAMES FOR HOMONYMOUS TACHINID GENERA WITH LEPIDOPTERAN GENERA (DIPTERA: TACHINIDAE)

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ABSTRACT: Five junior homonyms were detected amongst the Tachinidae genera and the following replacement names are proposed: *Currania* nom. nov. for *Doddiana* Curran, 1927; *Solomonilla* nom. nov. for *Illa* Baranov, 1938; *Bahrettinia* nom. nov. for *Psilopleura* Reinhard, 1943; *Mehmetia* nom. nov. for *Rhamphopteryx* Townsend, 1931; *Mesnilus* nom. nov. for *Ziminiola* Mesnil, 1978. Accordingly, new combinations are herein proposed for the species currently included in these genera: *Currania flavifrons* (Malloch, 1930) comb. nov., *Currania inermis* (Malloch, 1933) comb. nov., *Currania pallens* (Curran, 1927) comb. nov. and *Currania parviseta* (Malloch, 1930) comb. nov. from *Doddiana* Curran, 1927; *Solomonilla mirabilis* (Baranov, 1938) comb. nov. from *Illa* Baranov, 1938; *Bahrettinia arida* (Reinhard, 1943) comb. nov. from *Psilopleura* Reinhard, 1943; *Mehmetia retrorsa* (Townsend, 1931) comb. nov. from *Rhamphopteryx* Townsend, 1931; *Mesnilus cyanella* (Mesnil, 1978) comb. nov., *Mesnilus hexachaeta* (Mesnil, 1978) comb. nov., *Mesnilus nigella* (Mesnil, 1978) comb. nov., *Mesnilus plumosa* (Mesnil, 1978) comb. nov., *Mesnilus prasina* (Mesnil, 1978) comb. nov. and *Mesnilus setosa* (Mesnil, 1978) comb. nov. from *Ziminiola* Mesnil, 1978

KEY WORDS: nomenclatural changes, homonymy, replacement names, Tachinidae, Diptera.

TAXONOMY

**Order Diptera
Family Tachinidae
Genus *Currania* nom. nov.**

Doddiana Curran, 1927. Ent. Mitt., 16, 352. (Diptera: Tachinidae). Preoccupied by *Doddiana* Turner, 1902. V Trans. Proc. roy. Soc. S. Australia, 26, 187. (Lepidoptera: Pyraloidea: Pyralidae).

Remarks: Curran (1927) proposed the genus *Doddiana* with the type species *Doddiana pallens* Curran, 1927 by original designation in the fly family Tachinidae (Diptera) (Cantrell & Crosskey, 1989; O'Hara, 2006). Unfortunately, the generic name was already preoccupied by Turner (1902), who had described the genus *Doddiana* with the type species *Stericta callizona* Lower, 1896 by monotypy in the moth family Pyralidae (Lepidoptera). Thus, *Doddiana* Curran, 1927 is invalid under the law of homonymy, being a junior homonym of *Doddiana* Turner, 1902. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose to substitute

the junior homonym *Doddiana* Curran, 1927 for the **nom. nov.** *Currana*.

Etymology: from H. J. Curran who current author name of preexisting genus *Doddiana*.

Distribution: Known from Australian Region: Australia (Qld, NSW).

Summary of nomenclatural changes:

Currana new replacement name = *Doddiana* Curran, 1927 (non Turner, 1902)

Currana flavifrons (Malloch, 1930) **comb. nov.** from *Doddiana* Curran, 1927.

Currana inermis (Malloch, 1933) **comb. nov.** from *Doddiana* Curran, 1927.

Currana pallens (Curran, 1927) **comb. nov.** from *Doddiana* Curran, 1927.

Currana parviseta (Malloch, 1930) **comb. nov.** from *Doddiana* Curran, 1927.

Genus *Solomonilla* nom. nov.

Illa Baranov, 1938. Vet. Arhiv 8, 171. (Diptera: Tachinidae). Preoccupied by *Illa* Warren, 1914. Ann. S. Afr. Mus., 10, 487. (Lepidoptera: Geometroidea: Geometridae).

Remarks: The name *Illa* was initially introduced by Warren (1914) for a genus of the moth family Geometridae (with the type species *Illa nefanda* Warren, 1914 by original designation from South Africa: Cape Town). The genus is monotypic and Scoble et al. (1999) included only 1 species in the genus *Illa* Warren, 1914. Subsequently, Baranov (1938) described a new Australian fly genus of the family Tachinidae (with the type species *Illa mirabilis* Baranov, 1938 by original designation) under the same generic name (Cantrell & Crosskey, 1989; O'Hara, 2006). *Illa* Baranov, 1938 is monotypic genus too. Thus, *Illa* Baranov, 1938 is invalid under the law of homonymy, being a junior homonym of *Illa* Warren, 1914. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose for the genus *Illa* Baranov, 1938, 1926 the new replacement name *Solomonilla* **nom. nov.**

Etymology: from Solomon Islands.

Distribution: Known from Australian Region: Solomon Islands.

Summary of nomenclatural changes:

***Solomonilla* new replacement name = *Illa* Baranov, 1938 (non Warren, 1914).**

***Solomonilla mirabilis* (Baranov, 1938) comb. nov.** from *Illa* Baranov, 1938.

Genus *Bahrettinia* nom. nov.

Psilopleura Reinhard, 1943. Canad. Ent., 75, 165. (Diptera: Tachinidae). Preoccupied by *Psilopleura* Druce, 1898. Ann. Mag. nat. Hist. (7) 1: 407. (Lepidoptera: Noctuoidea: Arctiidae).

Remarks: The genus *Psilopleura* was erected by Druce, 1898 with the type species *Psilopleura polia* Druce, 1898 by monotypy from Brasil: Espírito Santo in the moth family Arctiidae. Later, the genus *Psilopleura* was described by Reinhard, 1943 with the type species *Psilopleura arida* Reinhard, 1943 from America (O'Hara & Wood, 2004; O'Hara, 2006). However, the name *Psilopleura* Reinhard, 1943 is invalid under the law of homonymy, being a junior homonym of *Psilopleura* Druce, 1898. In accordance with article 60 of the International Code of Zoological Nomenclature, I propose to substitute the junior homonym name *Psilopleura* Reinhard, 1943 for the nomen novum *Bahrettinia*.

Etymology: The name is dedicated to Bahrettin Demirer.

Distribution: Known from Nearctic Region: America (California, Arizona, New Mexico).

Summary of nomenclatural changes:

***Bahrettinia* nom. nov. = *Psilopleura* Reinhard, 1943 (non Druce, 1898 and Hampson, 1898).**

***Bahrettinia arida* (Reinhard, 1943) comb. nov.** from *Psilopleura* Reinhard, 1943.

Genus *Mehmetia* nom. nov.

Rhamphopteryx Townsend, 1931. Rev. Ent. São Paulo, 1, 456. (Diptera: Tachinidae). Preoccupied by *Rhamphopteryx* Bryk, 1913. Arch. Naturgesch., 79, A3, 13. (Lepidoptera: Geometroidea: Geometridae).

Remarks: Firstly, the genus *Rhamphopteryx* was established by Bryk, 1913 for the moth family Geometridae with the type species *Rhamphopteryx grotesca* Bryk, 1913 from Sierra Leone. Scoble et al. (1999) included *Neuropolodes* Warren, 1895, *Rhamphopteryx* Bryk, 1913 and *Syndetodes* Warren, 1902 as junior synonyms of *Plegapteryx* Herrich-Schäffer, 1856. But, Pitkin & Jenkins (2004) included *Rhamphopteryx* Bryk, 1913 as a separate available genus and gave only *Ramphopteryx* Bryk, 1913 (incorrect original spelling of *Rhamphopteryx* Bryk, 1913) as junior name. Later, the genus *Rhamphopteryx* was proposed by Townsend, 1931 for the fly family Tachinidae with the type species *Rhamphopteryx retrorsa* Townsend, 1931. Thus, the name *Rhamphopteryx* Townsend, 1931 is invalid under the law of homonymy, being a junior homonym of *Rhamphopteryx* Bryk, 1913. In accordance with article 60 of the International Code of Zoological Nomenclature, I propose to substitute the junior homonym name *Rhamphopteryx* Townsend, 1931 for the nomen novum *Mehmetia*.

Etymology: The name is dedicated to Mehmet Nurullah Demirer.

Distribution: Known from the Neotropical Region.

Summary of nomenclatural changes:

Mehmetia nom. nov. = *Rhamphopteryx* Townsend, 1931 (non Bryk, 1913).

Mehmetia retrorsa (Townsend, 1931) **comb. nov.** from *Rhamphopteryx* Townsend, 1931.

Genus *Mesnilus* nom. nov.

Ziminiola Mesnil, 1978. Mitteilungen schweiz. ent. Ges. 51 (1): 112. (Diptera: Tachinidae). Preoccupied by *Ziminiola* Gerasimov, 1930. Dtsch. ent. Z., Iris, 44, 72. (Lepidoptera: Gelechioidae).

Remarks: The name *Ziminiola* Gerasimov, 1930 was proposed for a genus of the moth family Gelechiidae (with the type species *Ziminiola gussakovskii* Gerasimov, 1930). According to Pitkin & Jenkins (2004), *Ziminiola* Gerasimov, 1930 was downgraded to denote a subgenus of *Rhynchopacha* Staudinger, 1871 by Povolny, 1979. Subsequently, the generic name *Ziminiola* Mesnil, 1978 was introduced for a new fly genus of the family Tachinidae. Thus, the genus name *Ziminiola* Mesnil, 1978 is a junior homonym of the generic name *Ziminiola* Gerasimov, 1930. In accordance with article 60 of the International Code of Zoological Nomenclature, I propose to substitute the junior

homonym name *Ziminiola* Mesnil, 1978 for the nomen novum *Mesnilus*.

Etymology: from L. P. Mesnil who current author name of preexisting genus *Ziminiola*.

Distribution: Known from Afrotropical Region: Madagascan Region: Madagascar.

Summary of nomenclatural changes:

Mesnilus nom. nov. = *Ziminiola* Mesnil, 1978 (non Gerasimov, 1930).

Mesnilus cyanella (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

Mesnilus hexachaeta (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

Mesnilus nigella (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

Mesnilus plumosa (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

Mesnilus prasina (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

Mesnilus setosa (Mesnil, 1978) **comb. nov.** from *Ziminiola* Mesnil, 1978

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