

NEW SUBSTITUTE NAMES FOR TWO ENNOMINAE GENERA (LEPIDOPTERA: GEOMETRIDAE)

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ABSTRACT: Two junior homonyms were detected amongst the Lepidoptera and the following replacement names are proposed: *Begumia* for *Lobus* Fletcher, 1979 and *Eliphia* for *Moneta* Warren, 1906 (Geometridae: Ennominae). Accordingly, new combinations are herein proposed for all type species currently included in monotypic genera *Lobus* Fletcher, 1979 and *Moneta* Warren, 1906.

KEY WORDS: *Begumia*, *Eliphia*, *Lobus*, *Moneta*, homonymy, replacement names

BEGUMIA NOM. NOV., SUBSTITUTE NAME

Lobus Fletcher, 1979. In Nye [Ed.] The generic names of moths of the world. Vol. 3. Geometroidea. Publications Br. Mus. nat. Hist. No. 812: 118. (Insecta: Lepidoptera: Geometroidea: Geometridae: Ennominae). Preoccupied by *Lobus* Martin, 1972. *J.Kans.ent.Soc.* 45: 8. (Insecta: Diptera: Asiloidea: Asilidae).

The Afrotropical and Oriental genus *Lobus* was erected by Martin (1972) in Diptera (Asiloidea: Asilidae). It is still used as a valid generic name in Diptera (Joseph & Pauri 1983, 1984, 1991, 1992, 1998). Also the Australian genus *Lobus* was proposed by Fletcher (1979) as an objective replacement name for *Scioglyptis* Meyrick, 1892 with the type species *Scioglyptis lithinopa* Meyrick, 1892 by subsequent designation by Turner, 1917 in Lepidoptera (Geometroidea: Geometridae: Ennominae) from Australia. *Scioglyptis* Meyrick, 1892 is a junior homonym of *Scioglyptis* Guest, 1887 (Lepidoptera: Geometridae: Ennominae). *Scioglyptis* Guest, 1887 and *Lobus* Fletcher, 1979 are still valid generic names in Lepidoptera. Scoble (1999) included *Scioglyptis* Meyrick, 1892 as a junior synonym of *Lobus* Fletcher, 1979 that had only one species. However, the name *Lobus* Fletcher, 1979 is invalid under the law of homonymy, being a junior homonym of *Lobus* Martin, 1972. Under the Zoological Code (ICZN, 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), we propose to substitute the junior homonym *Lobus* Fletcher, 1979 for the nomen novum *Begumia*. As a result of this, *Lobus* Fletcher, 1979 is **replaced with *Begumia* nom. nov.** The following new combination is established: *Begumia lithinopa* (Meyrick, 1892), **comb. nov.**

SYSTEMATIC ACCOUNTS

Order Lepidoptera
Superfamily Geometroidea
Family Geometridae
Subfamily Ennominae

Genus *Begumia* **new replacement name**

For *Lobus* Fletcher, 1979, junior homonym of *Lobus* Martin, 1972.

Type species: *Scioglyptis lithinopa* Meyrick, 1892, from Australia.

Gender: Feminine

Etymology: *Begumia* dedicated to Begüm Seven Çalışkan.

Species account and distribution: Monotypic; known from Australia: Queensland, Brisbane.

Mandatory new combination:

Begumia lithinopa (Meyrick, 1892) **new comb.** from *Lobus*.

Lobus Martin, 1972 (Diptera) is recorded in Nomenclator Zoologicus vol. 8: 269 p. by Edwards & Tobias (1993) and *Lobus* Fletcher, 1979 (Lepidoptera) is recorded in Nomenclator Zoologicus vol. 9: 354 p. by Edwards et al. (1996).

ELIPHIA NOM. NOV., SUBSTITUTE NAME

Moneta Warren, 1906. Novit. zool., 13, 159. (Insecta: Lepidoptera: Geometroidea: Geometridae: Ennominae). Preoccupied by *Moneta* Cambridge, 1870. Proc. zool. Soc. London, 1870, 737. (Arachnida: Araneae: Labidognatha: Theridiidae).

The genus *Moneta* was erected by Cambridge (1870) with the type species *Moneta spinigera* Cambridge, 1870 in Araneae (Labidognatha: Theridiidae). It is still used as a valid generic name in Araneae (Okuma 1994, Zhu 1998, Song et al. 1999, Yoshida 2001, 2003, Namkung 2003). Also the genus *Moneta* was described by Warren (1906) with the type species *Moneta plenicolor* Warren, 1906 by original designation in Lepidoptera (Geometroidea: Geometridae: Ennominae) from Angabunga River, British New Guinea [Papua New Guinea]. It is still a valid generic name in Lepidoptera. Scoble (1999) included only one species in the genus *Moneta* Warren, 1906. However, the name *Moneta* Warren, 1906 is invalid under the law of homonymy, being a junior homonym of *Moneta* Cambridge, 1870. Under the Zoological Code (ICZN, 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), we propose to substitute the junior homonym *Moneta* Warren, 1906 for the nomen novum *Eliphia*. As a result of this, *Moneta* Warren, 1906 is **replaced with *Eliphia* nom. nov.** The following new combination is established: *Eliphia plenicolor* (Warren, 1906), **comb. nov.**

SYSTEMATIC ACCOUNTS

Order Lepidoptera
 Superfamily Geometroidea
 Family Geometridae
 Subfamily Ennominae

Genus *Eliphia* **new replacement name**

For *Moneta* Warren, 1906, junior homonym of *Moneta* Cambridge, 1870.

Type species: *Moneta plenicolor* Warren, 1906, from Angabunga River, British New Guinea [Papua New Guinea].

Gender: Feminine

Etymology: *Eliphia* dedicated to Elif Gül Özdikmen.

Species account and distribution: Monotypic; known from British New Guinea [Papua New Guinea]: Angabunga River.

Mandatory new combination:

Eliphia plenicolor (Warren, 1906) **new comb.** from *Moneta*.

Moneta Cambridge, 1870 (Arachnida) and *Moneta* Warren, 1906 (Lepidoptera) are recorded in Nomenclator Zoologicus vol. 3: 204 p. by Neave (1940).

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