SUBSTITUTE NAMES FOR TWO PREOCCUPIED LONGHORNED BEETLES GENUS GROUP NAMES DESCRIBED BY J. THOMSON (COLEOPTERA: CERAMBYCIDAE)

Hüseyin Özdikmen*

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

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ABSTRACT: Two junior homonym genus group names were detected among the longhorned beetle genus group names. All names were described by J. Thomson. So, the following replacement names are herein proposed: *Zehra* nom. nov. for *Sibylla* Thomson, 1857 and *Leptocometes* Bates, 1881 for *Tithonus* Thomson, 1864. Accordingly, new combinations are herein proposed for the species currently included in these genus group names. *Zehra coemeterii* (Thomson, 1856) comb. nov.; *Zehra flavosignata* (Fairmaire & Germain, 1859) comb. nov.; *Zehra integra* (Fairmaire & Germain, 1859) comb. nov.; *Zehra krahmeri* (Cerda, 1973) comb. nov.; *Zehra livida* (Germain, 1900) comb. nov. from *Sibylla* Thomson, 1857 and from *Tithonus* Thomson, 1864 and *Leptocometes acutispinis* (Bates, 1863) comb. nov.; *Leptocometes barbiscapus* (Bates, 1872) comb. nov.; *Leptocometes luneli* (Chalumeau & Touroult, 2005) comb. nov.; *Leptocometes nubilus* (Melzer, 1934) comb. nov.; *Leptocometes obscurus* (Monné, 1990) comb. nov.; *Leptocometes pallidus* (Melzer, 1934) comb. nov.; *Leptocometes penicillatus* (Monné, 1990) comb. nov.; *Leptocometes spitzi* (Melzer, 1934) comb. nov.; *Leptocometes umbrosus* (Thomson, 1864) comb. nov.; *Leptocometes umbrosus* (Thomson, 1864) comb. nov.; *Leptocometes virescens* (Melzer, 1931) comb. nov.; *Leptocometes volxemi* (Lameere, 1884) comb. nov. and *Leptocometes zikani* (Martins & Monné, 1974) comb. nov. from *Tithonus* Thomson, 1864.

KEY WORDS: nomenclatural change, homonymy, replacement name, Coleoptera, Cerambycidae.

Two previously proposed genus group names in the beetle family Cerambycidae are nomenclaturally invalid, as the genus group names have already been used by a different authors in Mantodea and Curculionidae. In accordance with Article 60 of the International Code of Zoological Nomenclature, I propose substitute names for these genus names.

Family CERAMBYCIDAE
Subfamily CERAMBYCINAE
Genus *ZEHRA* nom. nov.

Sibylla Thomson, 1857. Arch. ent. Paris, 1, 406. (Insecta: Coleoptera: Cerambycidae: Cerambycinae: Bimiini). Preoccupied by *Sibylla* Stål, 1856. Ofvers. VetenskAkad. Förh. Stockholm, 13, 168. (Mantodea: Sibyllidae: Sibyllinae).

Remarks on nomenclatural change: The name *Sibylla* was initially introduced by Stål, 1856 for an African genus of Mantodea (with the type species *Sibylla pretiosa* Stål, 1856 by monotypy. Later Thomson, 1857 described an neotropical longhorned beetle genus under the same generic

name (with the type species *Phoedinus coemeterii* Thomson, 1856). *Sibylla* Thomson, 1857 is still used as a valid genus name in Cerambycidae. Thus, the genus group name *Sibylla* Thomson, 1857 is a junior homonym of the genus *Sibylla* Stål, 1856. So I propose a new replacement name *Zehra* nom. nov. for the genus name *Sibylla* Thomson, 1857.

Etymology: This genus name is dedicated to Zehra Özdikmen.

Summary of nomenclatural changes:

Zehra **nom. nov.**
pro *Sibylla* Thomson, 1857 (non Stål, 1856)
= *Sybilla* Thomson, 1864

Zehra coemeterii (Thomson, 1856) **comb. nov.**
from *Sibylla coemeterii* (Thomson, 1856)
= *Phoedinus coemeterii* Thomson, 1856
Distr.: Chile, C Argentina

Zehra flavosignata (Fairmaire & Germain, 1859) **comb. nov.**
from *Sibylla flavosignata* Fairmaire & Germain, 1859
Distr.: Chile

Zehra integra (Fairmaire & Germain, 1859) **comb. nov.**
from *Sibylla integra* Fairmaire & Germain, 1859
Distr.: Chile, W Argentina

Zehra krahmeri (Cerda, 1973) **comb. nov.**
from *Sibylla krahmeri* Cerda, 1973
Distr.: Chile

Zehra livida (Germain, 1900) **comb. nov.**
from *Sibylla livida* Germain, 1900
Distr.: Chile

Subfamily LAMIINAE
Genus *LEPTOCOMETES* Bates, 1881

Tithonus Thomson, 1864. Syst. Cerambycid., 24. (Insecta: Coleoptera: Cerambycidae: Lamiinae: Acanthocinini). Preoccupied by *Tithonus* Germar, 1824. Spec. Ins. nov., 1, 355. (Insecta: Coleoptera: Curculionidae: Entiminae: *Otiorhynchus*).

Remarks on nomenclatural change: The longhorned beetle *Tithonus* Thomson, 1864 was established for a genus with the type species *Tithonus umbrosus* Thomson, 1864 in the family Cerambycidae. Nevertheless the name *Tithonus* is already occupied. Germar (1824) proposed a beetle subgenus name *Tithonus* for the genus *Otiorhynchus* Germar, 1822 of Curculionidae. Thus the longhorned beetle genus *Tithonus* Thomson, 1864 is a junior homonym of *Tithonus* Germar, 1824. *Tithonus* Thomson, 1864 has three junior synonyms as *Leptocometes* Bates, 1881; *Lophopoedes* Gilmour, 1957 and *Lathrozineus* Gilmour, 1959. So I suggest here that *Tithonus* Thomson, 1864 should be replaced

with the senior synonym name *Leptocometes* Bates, 1881 as a replacement name.

Summary of nomenclatural changes:

Leptocometes Bates, 1881 **new substitute name**
pro *Tithonus* Thomson, 1864 (non Germar, 1824)
= *Lophopoedes* Gilmour, 1957
= *Lathrozineus* Gilmour, 1959

Leptocometes acutispinis (Bates, 1863) **comb. nov.**
from *Tithonus acutispinis* (Bates, 1863)
= *Lophopoeum acutispine* Bates, 1863
= *Lathrozineus volcanensis* Gilmour, 1959
Distr.: Mexico, Panama-C Brasil, Ecuador, Fr Guiana, Bolivia

Leptocometes barbiscapus (Bates, 1872) **comb. nov.**
from *Tithonus barbiscapus* (Bates, 1872)
= *Lophopoeum barbiscapus* Bates, 1872
Distr.: Honduras, Guatemala-Panama

Leptocometes hispidus Bates, 1881
from *Tithonus hispidus* (Bates, 1881)
Distr.: E Mexico-Costa Rica

Leptocometes luneli (Chalumeau & Touroult, 2005) **comb. nov.**
from *Tithonus luneli* Chalumeau & Touroult, 2005
Distr.: St. Vincent, Antilles

Leptocometes nubilus (Melzer, 1934) **comb. nov.**
from *Tithonus nubilus* (Melzer, 1934)
= *Lophopoeum nubilus* Melzer, 1934
Distr.: SE Brasil

Leptocometes obscurus (Monné, 1990) **comb. nov.**
from *Tithonus obscurus* Monné, 1990
Distr.: Colombia

Leptocometes pallidus (Melzer, 1934) **comb. nov.**
from *Tithonus pallidus* (Melzer, 1934)
= *Lophopoeum pallidus* Melzer, 1934
Distr.: E Brasil

Leptocometes penicillatus (Monné, 1990) **comb. nov.**
from *Tithonus penicillatus* Monné, 1990
Distr.: Colombia, Ecuador

Leptocometes spinipennis Bates, 1885
from *Tithonus spinipennis* (Bates, 1885)
= *Lophopoeum spinipenne* Bates, 1885
Distr.: Panama

Leptocometes spitzi (Melzer, 1934) **comb. nov.**
from *Tithonus spitzi* (Melzer, 1934)
= *Lophopoeum spitzi* Melzer, 1934
Distr.: SE Brasil, Fr Guiana

Leptocometes umbrosus (Thomson, 1864) **comb. nov.**
from *Tithonus umbrosus* Thomson, 1864
= sp. *glaucus* Melzer, 1934
Distr.: SE Brasil, Paraguay, Argentina

Leptocometes virescens (Melzer, 1931) **comb. nov.**
from *Tithonus virescens* (Melzer, 1931)
= *Lophopoeum virescens* Melzer, 1931
Distr.: S Brasil, Uruguay

Leptocometes volxemi (Lameere, 1884) **comb. nov.**
from *Tithonus volxemi* (Lameere, 1884)
= *Lophopoeum volxemi* Lameere, 1884
Distr.: SE Brasil

Leptocometes zikani (Martins & Monné, 1974) **comb. nov.**
from *Tithonus zikani* (Martins & Monné, 1974)
= *Lophopoedes zikani* Martins & Monné, 1974
Distr.: SE Brasil

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