

NOMENCLATURAL CHANGES IN CERAMBYCIDAE (COLEOPTERA)

Hüseyin Özdikmen*

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

[**Özdikmen, H.** 2006. Nomenclatural changes in Cerambycidae (Coleoptera). *Munis Entomology & Zoology*, 1 (2): 267-269]

ABSTRACT: A replacement name, *Fehmii* nom. nov. is proposed for the preoccupied genus name *Damiria* Fairmaire, 1900 (Cerambycidae: Cerambycinae: Cleomenini). Also, a clarification on the validity of the generic name *Zotalemimon* Pic, 1925 is presented.

KEY WORDS: *Fehmii*, *Damiria*, *Zotalemimon*, *Diboma*, homonymy, replacement name, Coleoptera, Cerambycidae.

***Fehmii* nom. nov., substitute name**

Damiria Fairmaire, 1900. Bull. Soc. ent. France, 1900, 89. (Coleoptera: Chrysomeloidea: Cerambycidae: Cerambycinae: Cleomenini). Preoccupied by *Damiria* Keller, 1891. Z. wiss. Zool., 52, 308. (Porifera: Cellularia: Demospongiae: Ceractinomorpha: Poecilosclerida: Microcionina: Acarnidae).

Remarks: The name *Damiria* was initially introduced by Keller (1891) for a genus of the sponges family Acarnidae (with the type species *Damiria simplex* Keller, 1891). For the present, *Anisotylacantha* Vacelet, 1969; [*Damira*] de Laubenfels (lapsus) and *Xytopsene* de Laubenfels, 1936 are the junior names of *Damiria* Keller, 1891 (Hooper, 2000). Subsequently, Fairmaire (1900) described a beetle genus of the family Cerambycidae (with the type species *Damiria perrieri* Fairmaire, 1900 by monotypy) under the same generic name. Thus, the genus *Damiria* Fairmaire, 1900 is a junior homonym of the genus *Damiria* Keller, 1891. According to Article 60 of the International Code of Zoological Nomenclature, I propose for the genus *Damiria* Fairmaire, 1900 the new replacement name ***Fehmii* nom. nov.** The name dedicated to Fehmi Özdikmen. The name is masculine in gender.

Distribution: Known from Madagascar.

Summary of nomenclatural changes:

***Fehmii* new replacement name** = *Damiria* Fairmaire, 1900 (non Keller, 1891).

Fehmii perrieri (Fairmaire, 1900) **new comb.** from *Damiria*.

Also, *Damiria* Keller, 1891 (Porifera) and *Damiria* Fairmaire, 1900 (Coleoptera) are recorded in *Nomenclator Zoologicus* vol. 2: 10 p. by Neave (1939).

A clarification on the validity of the generic name *Zotalemimon* Pic, 1925

Diboma Thomson, 1864. Syst. Cerambycid., 46. (Coleoptera: Chrysomeloidea: Cerambycidae: Lamiinae: Desmiphorini). Preoccupied by *Diboma* Walker, 1863. List Specimens Lep. Ins. Brit. Mus., 27, 8. (Lepidoptera: Pyraloidea: Pyralidae: Pyralinae).

Remarks: Thomson (1864) proposed the genus *Diboma* with the type species *Diboma tranquilla* Thomson, 1864 in the beetles family Cerambycidae. Unfortunately, the generic name was already preoccupied by Walker (1863), who had described the genus *Diboma* with the type species *Diboma abscissalis* Walker, 1863 by monotypy in the moth family Pyralidae. Thus, the genus *Diboma* Thomson, 1864 is a junior homonym of the generic name *Diboma* Walker, 1863. According to the International Code of Zoological Nomenclature, it must be rejected and replaced. However, any replacement name for *Diboma* Thomson, 1864 is unnecessary because there are apparently several synonyms. The generic names *Zotalemimon* Pic, 1925; *Donysia* Gressitt, 1940 and *Sybrocentrura* Breuning, 1947 are the junior synonyms of *Diboma* Thomson, 1864 (Kusama & Takakuwa, 1984; Heffern, 2005). So I propose to substitute name *Zotalemimon* Pic, 1925 that is available and the senior synonym of the generic name *Diboma* Thomson, 1864 for *Diboma* Thomson, 1864.

Distribution: Known from Madagascar, Comores and SE Asia: beginning from southern Japan and Taiwan and extending as far south as Malaysia.

Summary of nomenclatural changes:

***Zotalemimon* Pic, 1925** = *Diboma* Thomson, 1864 (non Walker, 1863) = *Donysia* Gressitt, 1940 = *Sybrocentrura* Breuning, 1947.

Zotalemimon tranquilla (Thomson, 1864) **new comb.** from *Diboma*.

Zotalemimon procera (Pascoe, 1859) **new comb.** from *Diboma*.

Zotalemimon costata (Matsushita, 1933) **new comb.** from *Diboma*.

Zotalemimon posticata (Gahan, 1890) **new comb.** from *Diboma*.

Zotalemimon borneotica (Breuning, 1969) **new comb.** from *Diboma*.

Also, *Diboma* Walker, 1863 (Lepidoptera) and *Diboma* Thomson, 1864 (Coleoptera) are recorded in Nomenclator Zoologicus vol. 2: 66 p. by Neave (1939).

LITERATURE CITED

- Breuning, S.** 1947. Nouvelles formes de Longicornes du Musée de Stockholm. Arkiv för Zoologi. Stockholm. 39A (6): 1-68.
- Fairmaire, L. M. H.** 1900. Descriptions de Coléoptères recueillis par M. H. Perrier de la Bâthie à Madagascar [*Siagona*, *Tetragonoderus*, *Pygora*, *Acmaeodera*, *Myiodola*, *Damiria* et *Cassiodopsis*]. Bulletin de la Société Entomologique de France 1900: 85-90.
- Gressitt, J. L.** 1940. The longicorn beetles of Hainan Island. Philippine Journal of Science. Manila. 72 (1/2): 1-239.
- Heffern, D. J.** 2005. Catalog and bibliography of Longhorned beetles from Borneo (Coleoptera: Cerambycidae). Available from: http://www.zin.ru/animalia/Coleoptera/pdf/borneo_catalog_electronic_version_2005-1.pdf; Version January 2005.
- Hooper, J. N. A.** 2000. "Spongguide". Guide to Sponge collection and identification. Available from: <http://www.qmuseum.qld.gov.au/organisation/sections/SessileMarineInvertebrates/spong.pdf> ; Version August 2000).
- International Commission of Zoological Nomenclature.** 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London.
- Keller, C.** 1891. Die Spongienfauna des rothen Meeres (2. Hälfte). Zeitschrift für Wissenschaftliche Zoologie 52: 294-368.
- Kusama, K. & Takakuwa, M.** 1984. Parandrinae. Prioninae. Spondylinae. Aseminae. Lepturinae (part.). Cerambycinae. Lamiinae (part.). The Longicorn-beetles of Japan in Color. Kodansha, Tokyo: 131-172, 201-493, 511-549.
- Neave, S. A.** 1939. Nomenclator Zoologicus. The Zoological Society of London 2: 1-1025 [10, 66].
- Pic, M.** 1925. Nouveautés diverses. Mélanges Exotico-Entomologiques. Moulins. 44: 1-32.
- Thomson, J.** 1864. Systema cerambycidarum ou expose de tous les genres compris dans la famille des cerambycides et familles limitrophes. Mémoire de la Société royale des sciences de Liège 19: 1-540.
- Walker, F.** 1863. List of the specimens of lepidopterous insects in the collection of the British Museum. Part XXVII. Crambites & Tortricites. British Museum (Natural History), London, 1-286 pp.

[Received January 2006. Accepted February 2006]