

**SUBSTITUTE NAMES FOR SOME PREOCCUPIED
LONGHORNED BEETLES GENUS GROUP NAMES DESCRIBED
BY S. BREUNING (COLEOPTERA: CERAMBYCIDAE)**

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[Özdikmen, H. 2008. Substitute names for some preoccupied longhorned beetles genus group names described by S. Breuning (Coleoptera: Cerambycidae). Munis Entomology & Zoology 3 (2): 677-681]

ABSTRACT: Six junior homonym genus group names were detected among the longhorned beetle genus group names. All names were described by S. Breuning. So, the following replacement names are herein proposed: *Mindanaona* nom. nov. for *Brachyelasma* Breuning, 1958; *Novorondonia* nom. nov. for *Rondonia* Breuning, 1962; *Papuanomenyllus* nom. nov. for *Paramenyllus* Breuning, 1978; *Hefferniella* nom. nov. for *Parazelota* Breuning, 1938; *Mustafaia* nom. nov. for *Shelfordia* Breuning, 1954 and *Zambiana* nom. nov. for *Trichexocentroides* Breuning, 1979.

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

**Family CERAMBYCIDAE
Subfamily LAMIINAE
Genus *MINDANAONA* nom. nov.**

Brachyelasma Breuning, 1958. Bull. Inst. r. Sci. nat. Belg. 34 no. 22: 19. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Brachyelasma* Lang, Smith & Thomas, 1940. Index of Palaeozoic Coral Genera, 28. (Cnidaria: Anthozoa: Rugosa: Stauriida: Streptelasmataidae: Streptelasmatinae).

Remarks on nomenclatural change: Breuning (1958) described a longhorned beetle genus *Brachyelasma* with the type species *Brachyelasma mindanaonis* Breuning, 1958 in the subfamily Lamiinae. Unfortunately, the generic name was already preoccupied by Lang, Smith & Thomas (1940), who had described the fossil coral genus *Brachyelasma* in Anthozoa. It is still used as a valid genus name. Thus, the genus group name *Brachyelasma* Breuning, 1958 is a junior homonym of the generic name *Brachyelasma* Lang, Smith & Thomas, 1940. So I propose a new replacement name *Mindanaona* nom. nov. for *Brachyelasma* Breuning, 1958.

Etymology: from the name of Mindanao Island in Philippines.

Summary of nomenclatural changes:

Mindanaona **nom. nov.**

pro *Brachyelasma* Breuning, 1958 (non Lang, Smith & Thomas, 1940)

Mindanaona mindanaonis (Breuning, 1958) **comb. nov.**

from *Brachyelasma mindanaonis* Breuning, 1958

Genus NOVORONDONIA nom. nov.

Rondonia Breuning, 1962. Bull. Soc. r. Sci. nat. Laos No. 3: 7. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Rondonia* Travassos, 1920. Rev. vet. zootech. Rio de Janeiro, 1919, 62. (Nematoda: Atractidae).

Remarks on nomenclatural change: The genus *Rondonia* was erected by Travassos, 1920 with the type species *Rondonia rondoni* Travassos, 1920 in Nematoda. The genus is still used as a valid name in the family Atractidae. Later, the longhorned beetle genus name *Rondonia* was proposed by Breuning, 1962 with the type species *Rondonia ropicoides* Breuning, 1962 in the family Cerambycidae. However, the genus group name *Rondonia* Breuning, 1962 is invalid under the law of homonymy, being a junior homonym of the genus *Rondonia* Travassos, 1920. So I propose to substitute the junior homonym name *Rondonia* Breuning, 1962 for the name *Novorondonia* nom. nov.

Etymology: from the Latin word “nova” (meaning “new” in English) + current genus name.

Summary of nomenclatural changes:

Novorondonia **nom. nov.**

pro *Rondonia* Breuning, 1962 (non Travassos, 1920)

Novorondonia ropicoides (Breuning, 1962) **comb. nov.**

from *Rondonia ropicoides* Breuning, 1962

Novorondonia bisignata (Hayashi, 1976) **comb. nov.**

from *Rondonia bisignata* Hayashi, 1976

Genus MIMOMENYLLUS Breuning, 1973
Subgenus PAPUANOMENYLLUS nom. nov.

Paramenyllus Breuning, 1978. Miscelanea zool. Barcelona 4 (2): 135. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Paramenyllus* Breuning, 1938. Festschr. E. Strand, 4, 360. (Insecta: Coleoptera: Cerambycidae: Lamiinae).

Remarks on nomenclatural change: The generic name *Paramenyllus* Breuning, 1938 was proposed for a genus of longhorned beetle family Cerambycidae with the type species *Paramenyllus albolateralis* Breuning, 1938. Subsequently, the genus group name *Paramenyllus* Breuning, 1978 was introduced for a new longhorned beetle subgenus (with the type species *Mimomenyllum* (*Paramenyllus*) *ochreithorax* Breuning, 1978 by original designation and monotypy). Thus, the subgenus *Paramenyllus* Breuning, 1978 is a junior homonym of the generic name *Paramenyllus* Breuning, 1938. So I propose for the subgenus name *Paramenyllus* Breuning, 1978 the new replacement name *Papuanomenyllum* nom. nov.

Etymology: from Papua New Guinea that is the distributional area of the subgenus *Paramenyllus* Breuning, 1978.

Summary of nomenclatural changes:

Genus *Mimomenyillus* Breuning, 1973

Subgenus *Papuanomenyillus* **nom. nov.**
pro *Paramenyllus* Breuning, 1978 (non Breuning, 1938)

Mimomenyillus (*Papuanomenyillus*) *ochreithorax* (Breuning, 1978) **comb. nov.**
from *Mimomenyillus* (*Paramenyllus*) *ochreithorax* Breuning, 1978

Genus PSEUDOZELOTA Breuning, 1936
Subgenus HEFFERNIELLA nom. nov.

Parazelota Breuning, 1938. Festschr. E. Strand, 4, 208. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Parazelota* Meyrick, 1913. Ann. Transvaal Mus., 3, 319. (Insecta: Lepidoptera: Yponomeutidae: Yponomeutinae).

Remarks on nomenclatural change: The longhorned beetle *Parazelota* Breuning, 1938 was established for a subgenus of the genus *Pseudozelota* Breuning, 1936 with the type species *Acanthocacia punctipennis* Schwarzer, 1930 in the family Cerambycidae. Nevertheless the name *Parazelota* is already occupied. Meyrick (1913) proposed a moth genus name *Parazelota* with the type species *Parazelota dryotoma* Meyrick, 1913 by monotypy for Lepidoptera. Thus the longhorned beetle subgenus *Parazelota* Breuning, 1938 is a junior homonym of *Parazelota* Meyrick, 1913 (Lep.: Yponomeutidae). I suggest here that the name *Hefferniella* should be erected as a replacement name for *Parazelota* Breuning, 1938.

Etymology: The subgenus name is dedicated to Daniel J. Heffern (USA).

Summary of nomenclatural changes:

Genus *Pseudozelota* Breuning, 1936

Subgenus *Hefferniella* **nom. nov.**
pro *Parazelota* Breuning, 1938 (non Meyrick, 1913)

Pseudozelota (*Hefferniella*) *mima* (Breuning, 1938) **comb. nov.**
from *Pseudozelota* (*Parazelota*) *mima* Breuning, 1938
= *Parazelota mima* Breuning, 1938

Pseudozelota (*Hefferniella*) *punctipennis* (Schwarzer, 1930) **comb. nov.**
from *Pseudozelota* (*Parazelota*) *punctipennis* (Schwarzer, 1930)
= *Acanthocacia punctipennis* Schwarzer, 1930

Genus *ENTELOPES* Guérin-Ménéville, 1844
Subgenus *MUSTAFAIA* nom. nov.

Shelfordia Breuning, 1954. Ent. Arb. Mus. Frey, 5, 479. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Shelfordia* Cameron, 1902. J. Straits Asiat. Soc., 37, 35. (Insecta: Hymenoptera: Apocrita: Ichneumonoidea: Braconidae).

Remarks on nomenclatural change: The name *Shelfordia* was initially introduced by Macquart, 1851 for a genus of the bees family Braconidae. Subsequently, Breuning, 1954 described a longhorned beetle subgenus *Shelfordia* for the genus *Entelopes* Guérin-Ménéville, 1844 under the same generic name (with the type species *Entelopes shelfordi* Aurivillius, 1923). Thus, the genus group name *Shelfordia* Breuning, 1954 is a junior homonym of the genus *Shelfordia* Cameron, 1902 (Hymenoptera). So I propose a new replacement name *Mustafaia* nom. nov. for the subgenus name *Shelfordia* Breuning, 1954.

Etymology: The subgenus name is dedicated to Mustafa Darılmaz (Turkey).

Summary of nomenclatural changes:

Genus *Entelopes* Guérin-Ménéville, 1844

Subgenus *Mustafaia* **nom. nov.**

Pro *Shelfordia* Breuning, 1954 (non Cameron, 1902; nec Stummer-Traunfels, 1902)

Entelopes (*Mustafaia*) *fuscotarsalis* (Breuning, 1954) **comb. nov.**
from *Entelopes* (*Shelfordia*) *fuscotarsalis* Breuning, 1954
= *Entelopes fuscotarsalis* Breuning, 1954

Entelopes (*Mustafaia*) *shelfordi* (Aurivillius, 1923) **comb. nov.**
from *Entelopes* (*Shelfordia*) *shelfordi* (Aurivillius, 1923)
= *Entelopes shelfordi* Aurivillius, 1923

Genus *ZAMBIANA* nom. nov.

Trichexocentroides Breuning, 1979. Bulletin Soc. ent. Mulhouse 1979 (juillet-septembre): 46. (Insecta: Coleoptera: Cerambycidae: Lamiinae). Preoccupied by *Trichexocentroides* Breuning, 1957. Faune Madagascar 4: 236. (Insecta: Coleoptera: Cerambycidae: Lamiinae).

Remarks on nomenclatural change: The African longhorned beetle genus name *Trichexocentroides* was proposed by Breuning (1979) as an objective replacement name for the genus *Trichexocentrus* Breuning, 1978 in the family Cerambycidae. The type species of this monotypic genus is *Trichexocentrus usambaricus* Breuning, 1978. Nevertheless the name *Trichexocentroides* is already occupied. Since Breuning (1957) described a Madagascan subgenus with the name *Trichexocentroides*, for the genus *Exocentroides* Breuning, 1957 with the type species *Exocentroides* (*Trichexocentroides*) *flavipennis* Breuning, 1957 for Cerambycidae. Thus the genus name *Trichexocentroides* Breuning, 1979

is a junior homonym of *Trichexocentroides* Breuning, 1957. I suggest here that the name *Zambiana* should be erected as a replacement name for *Trichexocentroides* Breuning, 1979.

Etymology: from Zambia that is a republic in E Africa formed in 1964 by the merger of Tanganyika and Zanzibar, is distributional area of the genus.

Summary of nomenclatural changes:

Zambiana **nom. nov.**

pro *Trichexocentroides* Breuning, 1979 (non Breuning, 1957)

Zambiana usambaricus (Breuning, 1978) **comb. nov.**

from *Trichexocentroides usambaricus* (Breuning, 1978)

= *Trichexocentrus usambaricus* Breuning, 1978

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