

**SUBSTITUTE NAMES FOR TWO HEMIPTERAN GENERA  
NAMES PREOCCUPIED BY TRILOBITES GENERA  
(HEMIPTERA)**

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**ABSTRACT:** Two junior homonym genus group names were detected among the hemipteran genus group names. So, the following replacement names are herein proposed: *Koteya* nom. nov. for *Keithia* Koteja, 2000 and *Youngus* nom. nov. for *Yunnanaspis* Young, 1986. Accordingly, new combinations are herein proposed for the species currently included in these genus group names. *Koteya luzzii* (Koteja, 2000) comb. nov. and *Youngus rubus* (Young, 1986) comb. nov..

**KEY WORDS:** nomenclatural change, homonymy, replacement name, Hemiptera.

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

**Family ERIOCOCCIDAE  
Genus KOTEYA nom. nov.**

*Keithia* Koteja, 2000. Studies on fossils in amber, with particular reference to the Cretaceous of New Jersey. Backhuys Publishers Leiden: 183. (Insecta: Hemiptera: Eriococcidae). Preoccupied by *Keithia* Raymond, 1924. *Proc. Boston Soc. nat. Hist.*, 37, 451. (Trilobita: Asaphida, Ptychaspidae).

**Remarks on nomenclatural change:** The name *Keithia* was initially introduced by Raymond, 1924 as a genus of trilobites with the type species *Keithia schucherti* Raymond, 1924 from Gorge Fm, Vermont, USA. Later Koteja (2000) described a scale insect genus under the same name (with the type species *Keithia luzzii* Koteja, 2000 by original designation from New Jersey, USA). Thus, the genus name *Keithia* Koteja, 2000 is a junior homonym of the genus *Keithia* Raymond, 1924. So I propose a new replacement name *Koteya* nom. nov. for the genus name *Keithia* Koteja, 2000.

**Etymology:** This genus name is dedicated to J. Koteja who is current author of the preexisting genus *Keithia*. I preferred the word “Koteya” instead of “Koteja” for latinization as generic name.

Summary of nomenclatural changes:

*Koteya* **nom. nov.**  
pro *Keithia* Koteja, 2000 (non Raymond, 1924)

*Koteya luzzii* (Koteja, 2000) **comb. nov.**  
from *Keithia luzzii* Koteja, 2000

**Family DIASPIDIDAE**  
**Genus *YOUNGUS* nom. nov.**

*Yunnanaspis* Young, 1986. Contributions from Shanghai Institute of Entomology 6: 109. (Insecta: Hemiptera: Diaspididae). Preoccupied by *Yunnanaspis* Zhang, 1966. Acta palaeont.sin. 14 (2): 159,169. (Trilobita: Redlichiida: Yinitidae).

**Remarks on nomenclatural change:** The armored scale genus *Yunnanaspis* Young, 1986 was established for a genus with the type species *Yunnanaspis rubus* Young, 1986 by original designation from Jing-dong, Yunnan, China in the family Diaspididae. Nevertheless the name *Yunnanaspis* is already occupied. Zhang (1966) described a trilobite genus *Yunnanaspis* with the type species *Yunnanaspis bilongispinus* Zhang, 1966 from Tsanglangpu Fm, Yunnan, China in Trilobita. Thus the genus *Yunnanaspis* Young, 1986 is a junior homonym of *Yunnanaspis* Zhang, 1966. So I suggest here that *Yunnanaspis* Young, 1986 should be replaced with new name *Youngus* as a replacement name.

**Etymology:** This genus name is dedicated to B. L. Young who is current author of the preexisting genus *Yunnanaspis*.

Summary of nomenclatural changes:

*Youngus* **nom. nov.**

pro *Yunnanaspis* Young, 1986 (non Zhang, 1966)

*Youngus rubus* (Young, 1986) **comb. nov.**

from *Yunnanaspis rubus* Young, 1986

**LITERATURE CITED**

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