

**Zeitschrift:** Mitteilungen der Schweizerischen Entomologischen Gesellschaft =  
Bulletin de la Société Entomologique Suisse = Journal of the Swiss  
Entomological Society

**Herausgeber:** Schweizerische Entomologische Gesellschaft

**Band:** 79 (2006)

**Heft:** 1-2

**Artikel:** Neoparoecus nom. nov., a replacement name for the preoccupied  
genus name Paroecus Becker, 1895 (Diptera, Lauxaniidae)

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**DOI:** <https://doi.org/10.5169/seals-402911>

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*Neoparoecus* nom. nov., a replacement name for the preoccupied  
genus name *Paroecus* Becker, 1895 (Diptera, Lauxaniidae)

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A replacement name, *Neoparoecus* nom. nov. is proposed for the preoccupied genus name *Paroecus* Becker, 1895 in the family Lauxaniidae (Diptera). Accordingly, new combinations are herein proposed for the species currently included in this genus: *Neoparoecus signatipes* (Loew, 1856) comb. nov., *N. simplicipes* (Yarom, 1991) comb. nov., *N. tibialis* (Yarom, 1991) comb. nov., *N. gorodkovi* (Shatalkin, 1992) and *N. sapromyzina* (Shatalkin, 1998).

Keywords: Diptera, Lauxaniidae, *Neoparoecus*, *Paroecus*, homonymy, replacement name.

#### INTRODUCTION

While studying the taxonomy and nomenclature of some neotropical beetle genera the first author realized that one name is involved in a case of homonymy. Based on the rules of the International Code of Zoological Nomenclature (1999) this problem of homonymy which concerns a Palaearctic genus of the family Lauxaniidae (Diptera) has to be resolved. The second author, working with lauxaniids, was asked to contribute to this case. We are here explaining the nomenclature and are proposing a replacement name for the junior homonym.

#### TAXONOMY

Family Lauxaniidae

#### **Genus *Neoparoecus* nom. nov., replacement name**

*Paroecus* Becker, 1895: 252. (Diptera: Brachycera: Lauxanoidea: Lauxaniidae).

Preoccupied by *Paroecus* Bates, 1863: 379. (Coleoptera: Chrysomeloidea: Cerambycidae: Lamiinae).

Type-species: *Pachycerina signatipes* Loew, 1856: 54 (monotypic).

Becker (1895) proposed a new genus name *Paroecus* with the type species *Pachycerina signatipes* Loew, 1856 in the Diptera family Lauxaniidae. *Paroecus* Becker, 1895 includes currently five species, *Paroecus signatipes* (Loew, 1856), *P. simplicipes* Yarom, 1991, *P. tibialis* Yarom, 1991, *P. gorodkovi* (Shatalkin, 1992) and *P. sapromyzina* Shatalkin, 1998 (Yarom 1991; Shatalkin 2000). This genus name, however is preoccupied by Bates (1863), who proposed within Neotropical Cerambycidae (Coleoptera) *Paroecus* with two included species: *P. ellipticus* Bates, 1863 and *P. rigidus* Bates, 1863. *P. ellipticus* was subsequently designated as type-species of *Paroecus* Bates by Thomson (1865). Later, *Astynomus celebensis* Thom-

son, 1857 was transferred to *Paroecus* and *P. charpentierae* Villiers, 1971 described in the genus (Hovore 2002, 2003; Monné & Hovore 2005). For this reason *Paroecus* Becker, 1895 is invalid as being a junior homonym of the genus name *Paroecus* Bates, 1863. According to Article 60 of the International Code of Zoological Nomenclature (1999), we propose the new replacement name *Neoparoecus* nom. nov. for *Paroecus* Becker, 1895.

Etymology: The replacement name refers to the original name proposed by Theodor Becker. The name is masculine in gender.

### **Summary of nomenclatural changes**

*Neoparoecus* nom. nov.

= *Paroecus* Becker, 1895 (non Bates, 1863).

*Neoparoecus signatipes* (Loew, 1856) comb. nov.

= *Pachycerina signatipes* Loew, 1856.

= *Paroecus signatipes*; Becker, 1895.

*Neoparoecus simplicipes* (Yarom, 1991) comb. nov.

= *Paroecus simplicipes* Yarom, 1991.

*Neoparoecus tibialis* (Yarom, 1991) comb. nov.

= *Paroecus tibialis* Yarom, 1991.

*Neoparoecus gorodkovi* (Shatalkin, 1992) comb. nov.

= *Sapromyza gorodkovi* Shatalkin, 1992.

= *Paroecus gorodkovi*; Shatalkin, 1998.

*Neoparoecus sapromyzina* (Shatalkin, 1998) comb. nov.

= *Paroecus sapromyzina* Shatalkin, 1998.

### ACKNOWLEDGEMENTS

The authors would like to thank J. Morati (Genève) for her invaluable help in finding the type-species of the Cerambycidae genus and to J.-L. Gattoliat for his comments on a first version of the manuscript.

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(received March 3, 2006; accepted March 27, 2006)