

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

Autor(en): **Özdikmen, Hüseyin / Merz, Bernhard**

Objektyp: **Article**

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

Band (Jahr): **79 (2006)**

Heft 1-2

PDF erstellt am: **22.07.2024**

Persistenter Link: <https://doi.org/10.5169/seals-402911>

Nutzungsbedingungen

Die ETH-Bibliothek ist Anbieterin der digitalisierten Zeitschriften. Sie besitzt keine Urheberrechte an den Inhalten der Zeitschriften. Die Rechte liegen in der Regel bei den Herausgebern.

Die auf der Plattform e-periodica veröffentlichten Dokumente stehen für nicht-kommerzielle Zwecke in Lehre und Forschung sowie für die private Nutzung frei zur Verfügung. Einzelne Dateien oder Ausdrucke aus diesem Angebot können zusammen mit diesen Nutzungsbedingungen und den korrekten Herkunftsbezeichnungen weitergegeben werden.

Das Veröffentlichen von Bildern in Print- und Online-Publikationen ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. Die systematische Speicherung von Teilen des elektronischen Angebots auf anderen Servern bedarf ebenfalls des schriftlichen Einverständnisses der Rechteinhaber.

Haftungsausschluss

Alle Angaben erfolgen ohne Gewähr für Vollständigkeit oder Richtigkeit. Es wird keine Haftung übernommen für Schäden durch die Verwendung von Informationen aus diesem Online-Angebot oder durch das Fehlen von Informationen. Dies gilt auch für Inhalte Dritter, die über dieses Angebot zugänglich sind.

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

HÜSEYİN ÖZDIKMEN¹ & BERNHARD MERZ²

¹ Gazi University, Science & Arts Faculty, Department of Biology, TK-06500 Ankara, Turkey.
Email: ozdikmen@gazi.edu.tr

² Muséum d'histoire naturelle, Département d'Entomologie, C. P. 6434, CH-1211 Genève 6,
Switzerland. Email: bernhard.merz@ville-ge.ch

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 Palearctic 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.

REFERENCES

- Bates, H.W. 1863. Contributions to an insect fauna of the Amazon Valley. Coleoptera: Longicornes. — *Annals and Magazine of Natural History* 12(3): 367–381.
- Becker, T. 1895. Dipterologische Studien II. Sapromyzidae. — *Berliner Entomologische Zeitschrift* 40(2): 171–264.
- Hovore, F.T. 2002. Checklist of the Cerambycidae of Ecuador (ECU) (excerpted from the Electronic Checklist of the Cerambycidae of the Western Hemisphere, Monné & Hovore, 2002). — Available from: http://hovore.com/pdf/cerambycidae_of_ecuador.pdf
- Hovore, F.T. 2003. Lista del Cerambycidae de Ecuador (ECU) (excerpted from the Electronic Checklist of the Cerambycidae of the Western Hemisphere, Monné & Hovore, 2003) — Available from: http://www.hovore.com/pdf/EcuList2003_Espanol.doc
- International Commission of Zoological Nomenclature. 1999. International Code of Zoological Nomenclature. 4th Edition. 306 pp. — The International Trust for Zoological Nomenclature, London.
- Monné, M.A. & Hovore, F.T. 2005. Checklist of the Cerambycidae of the Western Hemisphere. Electronic version 2005. — PDF document available from: http://www.hovore.com/pdf/Electronic_Checklist_2005.pdf. 393 pp.
- Shatalkin, A.I. 1998. New and little-known Lauxaniidae (Diptera) from Asia. *Russian entomological Journal* 7: 209–218.
- Shatalkin, A.I. 2000. Keys to the Palaeartic Flies of the Family Lauxaniidae (Diptera). — *Zoologicheskie Issledovania* 5: 1–102. (in Russian).
- Thomson, J. 1865. *Systema Cerambycidarum ou Exposé de tous les Genres compris dans la Famille des Cérambycides et Familles limitrophes*. 540 pp. — J. Rothschild, Editeur, Paris.
- Yarom, I. 1991. A revision of the genus *Paroecus* Becker (Diptera: Lauxaniidae). — *Entomologica Scandinavica* 22: 129–137.

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