

World Catalog of Bee Flies (Diptera: Bombyliidae): Corrigenda and Addenda

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Abstract

A list of corrections and additions to the world catalog of bee flies, published in 1999 is presented. New taxonomic information presented in this paper includes the following 42 new species-group synonymies: *Geron paramonovi* Greathead (junior synonym of *G. asiaticus* Zaitzev), **syn. n.**, *Anastoechus olivaceus* Paramonov, *Anastoechus olivaceus* var. *corsicanus* Paramonov, *Anastoechus olivaceus* var. *corsicanus* Zaitzev (all junior synonyms of *A. nitidulus* Fabricius), **syn. n.**, *Anastoechus leucochroicus* Hesse (junior synonym of *A. varipecten* Bezzi, 1921), **syn. n.**, *Bombylius punctatus* Fabricius, *Bombylius sticticus* Boisduval, *Bombylius subluna* Walker (all junior synonyms of *Bombomyia vertebralis* (Dufour)), **syn. n.**, *Bombylius flavescens* Palm, *Bombylius minor* var. *ochraceus* Paramonov, *Bombylius luteolus* Evenhuis, *Bombylius thapsinoides* Evenhuis (all junior synonyms of *B. minor* Linnaeus), **syn. n.**, *Bombylius rhodius* Loew (junior synonym of *B. trichurus* Pallas), **syn. n.**, *Bombylius aurulentus* Wiedemann (junior synonym of *Systoechus ctenopterus* (Mikan)), **syn. n.**, *Bombylius lucidus* Loew, *Systoechus tesquorum* Becker (all junior synonyms of *Systoechus*

gradatus (Wiedemann)), **syn. n.**, *Argyramoeba maculosa* Sack, *Anthrax ipiriensis* Dils & Weyer, *Anthrax tajikistanus* Evenhuis & Greathead (all junior synonyms of *Anthrax chionostigma* Tsacas), **syn. n.**, *Spogostylum nigrum* Austen (junior synonym of *Anthrax lucidus* (Becker)), **syn. n.**, *Argyromoeba velox* Loew, *Anthrax hellenicus* François (all junior synonyms of *Anthrax virgo* Egger), **syn. n.**, *Exoprosopa dispar* var. *interrupta* Paramonov, *Exoprosopa dispar* ssp. *paramonovi* Evenhuis (all junior synonyms of *E. dispar* Loew), **syn. n.**, *Thyridanthrax albicingulus* Austen, *Thyridanthrax amoenus* Austen (all junior synonyms of *Exhyalanthrax melanchlaenus* (Loew)), **syn. n.**, *Thyridanthrax innocens* Austen (junior synonym of *Exhyalanthrax muscarius* (Pallas)), **syn. n.**, *Anthrax venusta* Meigen, *Anthrax margaritifer* Dufour, *Anthrax dolosa* Jaennicke, *Anthrax turbidus* Loew (all junior synonyms of *Villa fasciata* Meigen), **syn. n.**, *Villa orientalis* Zaitzev (junior synonym of *Villa fasciculata* Becker), **syn. n.**, *Anthrax humilis* Ruthe, *Anthrax mucida* Zeller, *Anthrax pygarga* Loew, *Anthrax albulus* Loew, *Villa quinta* Becker (all junior synonyms of *Villa ixiom* (Fabricius)), **syn. n.**, *Anthrax faustina* Osten Sacken, *Anthrax alternata* var. *fulvipes* Coquillett, *Villa lateralis* ssp. *semifulvipes* Painter in Painter & Painter (all junior synonyms of *Villa lateralis* (Say)), **syn. n.**, *Petrorossia chraminensis* Zaitzev, *Petrorossia dobrogica* Dusa (all junior synonyms of *Petrorossia hespera* (Rossi)), **syn. n.**; the following new synonymy in genus-group names: *Gazlia* Zaitzev (junior synonym of *Xeramoeba* Hesse), **syn. n.**; and the following 11 new combinations: *Apolysis barri* (Tabet) (from *Oligodranes*), **comb. n.**, *Apolysis nauseosus* (Tabet) (from *Oligodranes*), **comb. n.**, *Parageron loewi* (Becker) (from *Usia*), **comb. n.**, *Chalcochiton carmelitensis* (Becker) (from *Cytherea*), **comb. n.**, *Exoprosopa rivularis* Meigen (from *Heteralonia*), **comb. n.**, *Micomitra shelkovnikovi* (Paramonov) (from *Pterobates*), **comb. n.**, *Xeramoeba albula* (Zaitzev) (from *Gazlia*), **comb. n.**, *Xeramoeba kinereti* (Zaitzev) (from *Chiasmella*), **comb. n.**, *Xeramoeba stackelbergi* (Zaitzev) (from *Chiasmella*), **comb. n.**, *Xeramoeba turkmenica* (Zaitzev) (from *Chiasmella*), **comb. n.** Two species are returned to their original genus: *Exoprosopa dispar* Loew (returned to *Exoprosopa* from *Heteralonia*), **comb. rev.**, and *Spogostylum nitidum* Austen (returned to *Spogostylum* from *Anthrax*), **comb. rev.** Three species in *Pipunculopsis* were invalid when originally proposed by Zaitzev in 2001. They are hereby validated with the criteria fulfilling Article 16.4.2 and the original authorship of Zaitzev should be kept since he provided the information to validate the names herein.

Key words: Bombyliidae, catalog, taxonomy, distribution

Introduction

Since publication of the world catalog of Bombyliidae (Evenhuis & Greathead, 1999; publication date: 10 November 1999) a number of corrections have been found by us. Some additional corrections or expanded information has also been made available to us by others, for which we are grateful. We here provide a list of corrections including 6 species-group names inadvertently omitted from the original catalog and a list of addenda that includes 85 new species-group names, 2 new genus-group names of Bombyliidae, and numerous new distributional and corrected data published since our catalog. Including the number of new synonymies since publication of our catalog plus the 85 new species-group taxa, there are a total of 4,583 species of Bombyliidae now known.