

Communication

Replacement Names for *Elwoodius* Clarke & Oberprieler and *Platychirus* Clarke & Oberprieler (Coleoptera: Curculionoidea: Mesophyletidae)

Dave J. Clarke ^{1,*} and Rolf G. Oberprieler ^{2,*}

¹ Department of Biological Sciences, University of Memphis, 3700 Walker Ave, Memphis, TN 38152, USA

² CSIRO, Australian National Insect Collection, G.P.O. Box 1700, Canberra, ACT 2601, Australia

* Correspondence: djclarke@memphis.edu (D.J.C.); rolf.oberprieler@csiro.au (R.G.O.);

Tel.: +1-773-573-2000 (D.J.C.)

<http://zoobank.org/urn:lsid:zoobank.org:pub:urn:lsid:zoobank.org:pub:91D0E440-F2F0-4E3C-BA20-F74D99960BD1>



Received: 14 January 2019; Accepted: 19 January 2019; Published: 22 January 2019

Abstract: In a recent paper we published on the weevil fauna preserved in Burmese amber, two newly proposed generic names were subsequently identified as preoccupied names (*Elwoodius* Clarke & Oberprieler and *Platychirus* Clarke & Oberprieler). We propose the name *Zimmiorhinus* as a replacement name for *Elwoodius* Clarke & Oberprieler and *Burmophyletis* as a replacement name for *Platychirus* Clarke & Oberprieler.

Keywords: homonym; taxonomy; Curculionoidea; Mesophyletidae; Cretaceous

1. Introduction

The recent paper by Clarke et al. published in *Diversity* 11(1) [1] proposed the new name of *Elwoodius* Clarke & Oberprieler, with type species *Elwoodius conicops* Clarke & Oberprieler, and *Platychirus* Clarke & Oberprieler, with type species *Platychirus beloides* Clarke & Oberprieler, for two weevil species assigned to the extinct family Mesophyletidae. Each of these species were represented by unique holotypes preserved in Burmese amber. The name *Elwoodius* Clarke & Oberprieler is preoccupied by the name of an extant weevil genus, *Elwoodius* Colonnelli, 2014, with type species *Elwoodius barbatus* (Curculionidae) from Socotra Is., Yemen [2]. The name *Platychirus* Clarke & Oberprieler is preoccupied by the synonymic name of an extant fly genus, *Platychirus* Agassiz, 1846 (Syrphidae) [3], being an intentional though unjustified emendation [4,5] of the valid name *Platycheirus* Lepelletier & Serville, 1828 [6], but an available name. Both of these available names had escaped our searches for homonyms of all generic names proposed in our paper.

Neither of these two homonymic names proposed by Clarke & Oberprieler [1] have any synonyms; therefore, for each of them a substitute name must be proposed with its own author and date, in accordance with Article 60.3 of the International Code of Zoological Nomenclature [7]. The purpose of this *Communication* is to propose these replacement names.

2. Replacement Names

Genus *Zimmiorhinus* Clarke & Oberprieler, **new name**

urn:lsid:zoobank.org:act:D99B830B-A66F-4D0C-80DA-CE8FA72805AF

Elwoodius Clarke & Oberprieler, 2018, non *Elwoodius* Colonnelli, 2014 [2]. Type species: *Elwoodius conicops* Clarke & Oberprieler, 2018.

Remarks/Derivation of name. Like the preoccupied name *Elwoodius* Clarke & Oberprieler, this replacement name is proposed in honor of the late Elwood C. Zimmerman, affectionately known

as ‘Zimmie’. Its gender is masculine. The single species included in the genus is *Zimmiorhinus conicops* (Clarke & Oberprieler, 2018), **comb.n.**

Genus *Burmophyletis* Clarke & Oberprieler, **new name**

urn:lsid:zoobank.org:act:1E6017AF-77D8-4B3D-8B1F-738AE63B2910

Platychirus Clarke & Oberprieler, 2018, non *Platychirus* Agassiz, 1846 [3]. Type species: *Platychirus beloides* Clarke & Oberprieler, 2018.

Remarks/Derivation of name. This replacement name for *Platychirus* Clarke & Oberprieler is derived from Burma, the old name for Myanmar, where the specimen was found, and the Greek word *phyle*, tribe or race, in reference to the genus *Mesophyletis*, the type genus of Mesophyletidae. Its gender is feminine. The single species included in the genus is *Burmophyletis beloides* (Clarke & Oberprieler, 2018), **comb.n.**

Acknowledgments: We thank Enzo Colonnelli for alerting us to the existence of the name *Elwoodius* Colonnelli, which also facilitated the discovery of the name *Platychirus* Agassiz.

Conflicts of Interest: The authors declare no conflict of interest.

References

- Clarke, D.J.; Limaye, A.; McKenna, D.D.; Oberprieler, R.G. The Weevil Fauna Preserved in Burmese Amber—Snapshot of a Unique, Extinct Lineage (Coleoptera: Curculionoidea). *Diversity* **2018**, *11*, 1. [CrossRef]
- Colonnelli, E. Apionidae, Nanophyidae, Brachyceridae and Curculionidae except Scolytinae (Coleoptera) from Socotra Island. *Acta Entomol. Musei Natl. Prague* **2014**, *54*, 295–422.
- Agassiz, L. *Nomenclatoris Zoologici Index Universalis, Continens Nomina Systematica Classium, Ordinum, Familiarum et Generum Animalium Omnium, Tam Viventium Quam Fossilium, Secundum Ordinem Alfabeticum Unicum Disposita, Adjectis Homonymiis Plantarum, Nec Non Variis Adnotationibus Et Emendationibus*; Jent et Gassmann: Soloduri, 1846.
- Evenhuis, N.L. Family Syrphidae. Catalog of the Fossil Flies of the World (Insecta: Diptera) Website. Available online: <http://hbs.bishopmuseum.org/fossilcat/fosssyrph.html> (accessed on 9 January 2019).
- Young, A.D.; Marshall, S.A.; Skevington, J.H. Revision of *Platycheirus* Lepeletier and Serville (Diptera: Syrphidae) in the Nearctic north of Mexico. *Zootaxa* **2016**, *4082*, 1–317. [CrossRef] [PubMed]
- Latreille, P.A.; Lepeletier, A.L.M.; Serville, J.G.A.; Guérin, F.E. Entomologie, ou histoire naturelle des crustacés, des arachnides et des insectes. In *Encyclopédie Méthodique. Histoire Naturelle*; Tome Dixième: Paris, France, 1828; pp. 345–833.
- International Commission on Zoological Nomenclature. INTERNATIONAL CODE OF ZOOLOGICAL NOMENCLATURE Fourth Edition [Incorporating Declaration 44, Amendments of Article 74.7.3, with Effect from 31 December 1999 and the Amendment on E-Publication, Amendments to Articles 8, 9, 10, 21 and 78, with Effect from 1 January 2012]. 2012. Available online: <http://www.iczn.org/iczn/index.jsp> (accessed on 14 January 2019).



© 2019 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).