

Three new replacement names for species in *Paraphaenocladius* Thienemann, *Chironomus* Meigen and *Polypedilum* Kieffer

(Diptera, Chironomidae)

Patrick Ashe & James P. O'Connor

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New replacement names are proposed for three junior primary homonyms that cannot be maintained under the current rules of zoological nomenclature. The substitute names are *Paraphaenocladius evenhuisi* nom. nov. for *P. pusillus* Sereduszus & Wichard, 2007 (preoccupied by *P. pusillus* Sæther & Wang, 1995); *Chironomus vallenduuki* nom. nov. for *C. uliginosus* Keyl, 1960 (nec *C. uliginosus* Meunier, 1904), and *Polypedilum moubayedbreili* nom. nov. for *P. elongatum* Albu, 1980 (nec *P. elongatum* Tokunaga, 1964).

Patrick Ashe (corresponding author), 33 Shelton Drive, Terenure, Dublin 12, Ireland; e-mail: patrick.ashe@upcmail.ie

James P. O'Connor, Emeritus Entomologist, National Museum of Ireland, Kildare Street, Dublin 2, Ireland; e-mail: joconnor@museum.ie

Introduction

It has been discovered that three scientific taxon names so far treated as valid for species of non-biting midges (Diptera, Chironomidae) must not be used any longer, as they are preoccupied by respectively identical combinations of genus and species names established for different species earlier in the 20th century. As mandated in all three cases by the rules of zoological nomenclature (ICZN 1999), replacement names for the three junior primary homonyms are proposed below.

Nomenclature

Subfamily Orthoclaadiinae

Paraphaenocladius evenhuisi Ashe & O'Connor

Sereduszus & Wichard (2007) proposed the name *Paraphaenocladius pusillus* for a fossil species from

Baltic amber. However, Sæther & Wang (1995) had already established the same combination for an extant species from South Carolina in the USA. Since *P. pusillus* Sereduszus & Wichard, 2007 is a junior primary homonym, we propose *Paraphaenocladius evenhuisi* nom. nov. as a new replacement name.

Etymology. Named after our colleague Dr Neal Evenhuis, Bishop Museum, Hawaii, USA, in recognition of his enormous achievements in cataloguing and dating of fossil Diptera taxa.

Subfamily Chironominae

Chironomus (Chironomus) vallenduuki Ashe & O'Connor

Keyl (1960) proposed the name *Chironomus uliginosus* for an extant species found in Germany. Since then, the name has been used as valid for a species in the subgenus *Chironomus (Chironomus)*; see, e.g., Sæther & Spies (2013). However, Meunier (1904)

had already established the same combination for a fossil species from Baltic amber. The type material of *Chironomus uliginosus* Meunier has never been reviewed to determine whether or not the species still belongs in the genus *Chironomus*. For this reason, and since *C. uliginosus* Meunier has been used as a valid name after 1899, *C. uliginosus* Keyl is a junior primary homonym that cannot be maintained (ICZN 1999, e.g. Arts 57.2, 60, 23.9). Consequently, we propose *Chironomus vallenduuki* nom. nov. as a new replacement name.

Etymology. Named after our colleague Dr Henk Vallenduuk, Veghel, The Netherlands, for alerting us to the homonymy, and also in appreciation of his important work providing updated descriptions and keys to the larvae of European species in the tribe Chironomini.

***Polypedilum (Tripodura) moubayedbreili*
Ashe & O'Connor**

Albu (1980) proposed the name *Polypedilum elongatum* for a species from Romania. The name has been treated as valid for a species in the subgenus *Polypedilum (Tripodura)*; see, e.g., Sæther & Spies (2013). However, Tokunaga (1964) had already proposed the combination *Polypedilum (Pentapedilum) elongatus* for a species found on Ton Island (Micronesia). Cranston & Martin (1989) have listed the name as valid for a species in the subgenus *Polypedilum (Pentapedilum)*, with the spelling of the species epithet corrected to *elongatum*. Since *Polypedilum elongatum* Albu, 1980 is a junior primary homonym, we propose *Polypedilum moubayedbreili* nom. nov. as a new replacement name.

Etymology. Named after our friend and colleague Dr Joël Moubayed-Breil, Montpellier, France, in particular for his extensive research on the chironomid fauna of France and the Mediterranean region.

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