

NEW SUBFAMILY AND GENUS NAMES, ROSSODINAE NOM. NOV. AND ROSSODES NOM. NOV., FOR THE FINGER-NET CADDISFLIES (TRICHOPTERA: PHILOPOTAMIDAE)

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ABSTRACT: A junior homonym was detected amongst the finger-net caddisflies genus group names and the following replacement name is proposed: *Rossodes* nom. nov. for *Paulianodes* Ross, 1956. Accordingly, new combination is herein proposed for the species currently included in this genus. *Rossodes tsaratananae* (Ross, 1956) comb. nov. In addition, we propose the replacement name Rossodinae new name for the subfamily name Paulianodinae.

KEY WORDS: nomenclatural change, homonymy, replacement name, Paulianodinae, *Paulianodes*.

The purpose of the present paper is to bring the taxonomy of finger-net caddisflies into accordance with the requirements of the International Code of Zoological Nomenclature (1999). In an effort to reduce the number of homonyms in Philopotamidae, we recently found a genus name which had been previously published for another taxon, making it a junior homonym. In accordance with Article 60 of the International Code of Zoological Nomenclature, we propose a substitute name for this genus name. In addition, we propose the replacement name Rossodinae new name from the type *Rossodes* nom. nov. for the subfamily name Paulianodinae.

Remarks on nomenclatural change

The monotypic genus *Paulianodes* was described by Mamet (1954) with the type species *Paulianodes madecassus* Mamet, 1954 by original designation from Madagascar in the family Pseudococcidae (Hemiptera: Homoptera: Stenorrhyncha). It is currently a valid generic name in Pseudococcidae (e. g. Ben-Dov, 1994).

The monotypic genus *Paulianodes* was proposed by Ross (1956) with the type species *Paulianodes tsaratananae* Ross, 1956 by original designation from Africa in Insecta (Trichoptera: Annulipalpia: Philopotamoidea: Philopotamidae). The name is currently used as a valid generic name in Trichoptera as the type genus of the subfamily Paulianodinae Ross, 1956 (e. g. Morse et al., 2007). Both usages of the name *Paulianodes* are listed by Edwards & Hopwood (1966) and Edwards & Vevers (1975).

However, the name *Paulianodes* Ross, 1956 is invalid under the rule of homonymy, being a junior homonym of *Paulianodes* Mamet, 1954. Under

the International Code of Zoological Nomenclature (ICZN 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), we propose to substitute the junior homonym *Paulianodes* Ross, 1956 for the nomen novum *Rossodes*.

As a result of this, *Paulianodes* Ross, 1956 is replaced with *Rossodes* new name. The following new combination is established: *Rossodes tsaratananae* (Ross, 1956) new combination.

In addition to this, we herein propose the replacement name *Rossodinae* new name for the subfamily name *Paulianodinae* because its type genus *Paulianodes* Ross, 1956 is invalid and the type genus of a family-group name must be valid.

SYSTEMATICS

Order Trichoptera

Family Philopotamidae

Subfamily **Rossodinae** new name

Paulianodinae Ross, 1956

Type genus.—*Rossodes* new name.

Remarks.—The name *Paulianodes* has been used in Trichoptera as a stem for a family-group name, and should be automatically replaced with the new name.

Genus **Rossodes** new name

Paulianodes Ross, 1956:54, junior homonym of *Paulianodes* Mamet, 1954.

Type species.—*Paulianodes tsaratananae* Ross, 1956 by original designation.

Etymology.—from H. H. Ross who current author name of the preexisting genus name *Paulianodes*.

Species account and distribution: Only one species as the type species of the genus; known from Africa.

The following new combination is proposed and the species is removed from *Paulianodes*:

Rossodes tsaratananae (Ross, 1956) **new combination**

Syn.: *Paulianodes tsaratananae* Ross, 1956

LITERATURE CITED

Ben-Dov, Y. 1994. A systematic catalogue of the mealybugs of the world (Insecta: Homoptera: Coccoidea: Pseudococcidae and Putoidae) with data on geographical distribution, host plants, biology and economic importance. Intercept Ltd., Andover. 686 pp.

Edwards, M. A. & Hopwood, A. T. 1966. Nomenclator Zoologicus. The zoological society of London. 6: 219.

Edwards, M. A. & Vevers, H. G. 1975. Nomenclator Zoologicus. The zoological society of London. 7: 251.

International Commission of Zoological Nomenclature. 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London.

Mamet, J. R. 1954. Notes on the Coccoidea of Madagascar, III. Mémoires de l'Institut Scientifique de Madagascar (Ser. E) 4: 1-86.

Morse, J. C., Armitage, B. C., Barnard, P. C., Holzenthal, R. W., Huisman, J., Ivanov, V. D., de Moor, F. C., Tanida, K., Wells, A. & Wichard, W. 2007. Trichoptera World Checklist. Downloaded 23 - 08 - 2007. Available from: <http://entweb.clemson.edu/database/trichopt/>

Ross, H. H. 1956. Evolution and classification of the mountain caddisflies. University of Illinois Press, Urbana. 213 pp.