

A NEW FAMILY AND TWO GENERA NAMES FOR TURBELLARIA (PLATYHELMINTHES)

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ABSTRACT: Two junior homonyms were detected amongst the turbellarian genus group names and the following replacement names are proposed: *Novomitchellia* nom. nov. for *Mitchellia* Kawakatsu & Chapman, 1983 and *Faubelus* nom. nov. for *Notocirrus* Faubel, 1983. Accordingly, new combinations are herein proposed for the species currently included in these genera: *Novomitchellia sarawakana* (Kawakatsu & Chapman, 1983) comb. nov. and *Faubelus neupommerensis* (Faubel, 1983) comb. nov.. In addition, I propose the replacement name Faubelidae as a new name for the family name Notocirridae.

KEY WORDS: nomenclatural change, homonymy, replacement name, Turbellaria, Platyhelminthes.

Family FAUBELIDAE nom. nov.
Genus FAUBELUS nom. nov.

Remarks: The genus group name *Notocirrus* was proposed for marine polychaete worms by Schmarda (1861) with the type species *Notocirrus chilensis* Schmarda, 1861 from Pacific Ocean, Chile by subsequent designation by Ehlers, 1868. For the present, the genus *Notocirrus* Schmarda, 1861 has 10 species as *Notocirrus arcachonis* Quatrefages, 1843; *N. attenuatus* (Treadwell, 1906); *N. biacicululus* Gallardo, 1968; *N. californiensis* Hartman, 1944; *N. chilensis* Schmarda, 1861; *N. compositus* Szankiawski & Gazdzicki, 1978; *N. lorum* Ehlers, 1897; *N. scoticus* McIntosh, 1869; *N. spinifera* (Moore, 1906) and *N. virginis* (Kinberg, 1865).

On the other side, the monotypic polyclad genus *Notocirrus* was described by Faubel (1983) with the type species *Notocirrus neupommerensis* Faubel, 1983 by original designation. The name is currently used as a valid generic name in Polycladida as the type genus of the family Notocirridae Faubel, 1983. The family includes eight genera as *Amyris* Marcus & Marcus, 1968; *Chiliplana* Faubel, 1983; *Copidoplana* Bock, 1913; *Diplandros* Hyman, 1953; *Notocirrus* Faubel, 1983; *Notoplehnia* Faubel, 1983; *Triadomma* Marcus, 1947 and *Tripyloplana* Faubel, 1983.

However, the name *Notocirrus* Faubel, 1983 is invalid under the rule of homonymy, being a junior homonym of *Notocirrus* Schmarda, 1861. 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), I propose to substitute the junior homonym *Notocirrus* Faubel, 1983 for the nomen novum *Faubelus*.

As a result of this, *Notocirrus* Faubel, 1983 is replaced with *Faubelus* new name. The following new combination is established: *Faubelus neupommerensis* (Faubel, 1983) comb. nov..

In addition to this, I herein propose the replacement name Faubelidae new name for the family name Notocirridae because its type genus *Notocirrus* Faubel, 1983 is invalid and the type genus of a family group name must be valid.

SYSTEMATICS

Order Polycladida

Suborder Acotylea

Superfamily Leptoplanoidea

Family **Faubelidae** new name

pro *Notocirridae* Faubel, 1983

Type genus.— *Faubelus* new name.

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

Genus **Faubelus** new name

pro *Notocirrus* Faubel, 1983: 89, junior homonym of *Notocirrus* Schmarda, 1861.

Type species.— *Notocirrus neupommerensis* Faubel, 1983 by original designation.

Etymology.— from A. Faubel who current author name of the preexisting genus *Notocirrus*.

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

Faubelus neupommerensis (Faubel, 1983) **new combination**

Syn.: *Notocirrus neupommerensis* Faubel, 1983

Family DIMARCUSIDAE

Genus **NOVOMITCHELLIA** nom. nov.

Mitchellia Kawakatsu & Chapman, 1983. Journal speleol. Soc. Japan 8: 22. (Platyhelminthes: Turbellaria: Archoophora: Tricladida: Cavernicola: Dimarcusidae). Preoccupied by *Mitchellia* Koninck, 1877. Mém. Soc. Sci. Liège, (2) 6, Rech. Foss. Paléoz., 128. (Mollusca: Gastropoda: Prosobranchia: Archaeogastropoda: Scoliostrimatidae: Mitchellinae).

Remarks: Koninck (1877) described the fossil gastropod genus *Mitchellia* with the type species *Mitchellia striatula* Koninck, 1877 from the Yass District, New South Wales, Australia. Fryda et al. (2002) described a new family (Scoliostrimatidae) and its two new subfamilies (Scoliostrimatinae and Mitchellinae). The genus *Mitchellia* Koninck, 1877 is the type genus of the subfamily Mitchellinae.

Then, the monotypic triclad genus *Mitchellia* was proposed by Kawakatsu & Chapman (1983) with the type species *Mitchellia sarawakana* Kawakatsu & Chapman, 1983 by original designation and by monotypy from Water Polo Cave, Sarawak, East Malaysia.

Thus, the genus group name *Mitchellia* Kawakatsu & Chapman, 1983 is a junior homonym of the genus *Mitchellia* Koninck, 1877. So I propose a new replacement name *Novomitchellia* **nom. nov.** for *Mitchellia* Kawakatsu & Chapman, 1983. The name is from the Latin prefix “novo” (meaning “new” in English).

Summary of nomenclatural changes:

Novomitchellia **nom. nov.**

pro *Mitchellia* Kawakatsu & Chapman, 1983 (non Koninck, 1877)

Novomitchellia sarawakana (Kawakatsu & Chapman, 1983) **comb. nov.**

from *Mitchellia sarawakana* Kawakatsu & Chapman, 1983

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