

Scientific note

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**Two nomenclature changes in Thelastomatoidea  
 (Nematoda: Chromadorea: Rhabditida)**

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**Abstract.** The following replacement names in Nematoda are proposed: *Hexasinghiella* Ceccolini & Cianferoni **nom. nov.** pro *Singhiella* Rao, 1958 and *Coronocephaloides* Ceccolini & Cianferoni **nom. nov.** pro *Coronocephalus* Cordeira, 1981. Further, three new combinations (**comb. nov.**) are made.

**Key words.** combinatio nova, Hystrignathidae, nomen novum, replacement name, Travassosinematidae.

Thelastomatoidea is a superfamily of Nematoda including four families (Bezerra et al. 2021). Two genus-group names in this superfamily are actually junior homonyms, since the same names have already been used by different authors in Trilobita and Hemiptera. Accordingly, new names are needed to replace them (ICZN 1999, Art. 60).

**REPLACEMENT NAMES**

**I.** Rao (1958: 47) established the genus name *Singhiella* to accommodate the new Indian species *S. singhi*, parasitic of the mole cricket *Gryllotalpa africana* Palisot de Beauvois, 1805 and included it in the nematode family Oxyuridae. Presently, the genus is accepted (Spiridonov & Guzeeva 2009; Morffe & Hasegawa 2017) and it is accommodated in the family Travassosinematidae (IRMNG 2021).

Unfortunately, this generic name was already preoccupied, since Sampson (1943: 211) used the same name for a new genus of Hemiptera Aleyrodidae with *Trialeurodes bicolor* Singh, 1931 as type species. Currently, *Singhiella* Sampson is valid and includes about 30 species (Jensen 2001; Chen & Ko 2007; Martin & Mound 2007; Pushpa & Sundararaj 2012). Therefore, *Singhiella* Rao is a junior homonym of *Singhiella* Sampson and, since no synonym is available, a new substitute name is needed according to ICZN (1999 Art. 60.1, 60.2). The following new replacement name is proposed herein: *Hexasinghiella* Ceccolini & Cianferoni, 2021 **nom. nov.**

Received: 15.06.2021

Accepted: 31.08.2021

**Etymology.** The new name, from the Greek word ἕξ (*hex* = six), refers to the number of distinct lips. Feminine gender.

**Systematics**

**Family Travassosinematidae** Rao, 1958

Genus *Hexasinghiella* Ceccolini & Cianferoni **nom. nov.**  
 Species *Hexasinghiella singhi* (Rao, 1958) **comb. nov.** =  
*Singhiella singhi* Rao, 1958 (type species)

**II.** The genus group name *Coronocephalus* appears to have been erected several times. The first one to use this name was Grabau (1924: 438) who established the Encrinuridae trilobite subgenus *Coronocephalus* with the type species *Encrinurus (Coronocephalus) rex* Grabau, 1924. Currently, the name is valid as a genus of Trilobita (Jell & Adrain 2003; IRMNG 2021).

Subsequently, the name was used by Cordeira (1981) for a genus of Nematoda Hystrignathidae and by Orlova-Bienkowskaja (1995: 58) for a subgenus of the crustacean Cladocera genus *Simocephalus* Schoedler, 1858. The name proposed by Orlova-Bienkowskaja was replaced with *Cronocephalus* by Özdikmen & Akbulut (2010), but *Coronocephalus* Cordeira is still accepted (Adamson & Van Waerebeke 1992; Nguyen & Smart Jr 2004; Garduño-Montes de Oca & Ocegüera-Figueroa 2020) and it is also a junior homonym of *Coronocephalus* Grabau. Since no synonym is available, according to ICZN (1999 Art. 60.1, 60.2), a new replacement name is necessary. We propose herein the new substitute name *Coronocephaloides* Ceccolini & Cianferoni **nom. nov.**

Corresponding editor: B. Huber

Published: 29.10.2021

**Etymology.** The new name means similar to *Coronocephalus*, the original name proposed by Cordeira (1981). Masculine gender.

### Systematics

#### Family Hystrignathidae Leidy, 1850

Genus *Coronocephaloides* Ceccolini & Cianferoni **nom. nov.**

Species *Coronocephaloides ovilamelatus* (Cordeira, 1981) **comb. nov.** = *Coronocephalus ovilamelatus* Cordeira, 1981

*Coronocephaloides ovipunctatus* (Cordeira, 1981) **comb. nov.** = *Coronocephalus ovipunctatus* Cordeira, 1981 (type species)

**Acknowledgement.** We would like to thank two anonymous reviewers for their suggestions.

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