

## A NEW REPLACEMENT NAME IN RHAGIDIIDAE (ACARIFORMES: PROSTIGMATA: EUPODOIDEA)

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**ABSTRACT:** The recently proposed name *Sigthoria* Ceccolini and Cianferoni, 2021 (replacement for the rhagidiid genus name *Thoria* Zacharda, 1980 nec Stål, 1864) turned out to be preoccupied (junior homonym of *Sigthoria* Koenike, 1907) and it needs to be changed. The substitute name *Thorrhagidia* Cianferoni and Ceccolini nom. n. is proposed here, together with two updated new combinations (comb. n.).

**KEY WORDS:** Acari, combinatio nova, nomen novum, Prostigmata, Trombidiformes.

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### INTRODUCTION

Recently, we have proposed a replacement name for an acariform mite due to homonymy. Unfortunately, the suggested name was already preoccupied and, according to the International Code of Zoological Nomenclature (ICZN 1999), it is necessary to change it.

The classification adopted here is based on Zhang *et al.* (2011).

### REPLACEMENT NAMES

Order **Trombidiformes** Reuter, 1909

Suborder **Prostigmata** Kramer, 1877

Infraorder **Eupodina** Krantz, 1978

Superfamily **Eupodoidea** Koch, 1842

Family **Rhagidiidae** Oudemans, 1922

Zacharda (1980: 747) has established the new genus *Thoria* to include the new species *T. brevisensilla* and to accommodate the previously known species *Rhagidia uniseta* Thor, 1909.

However, *Thoria* Zacharda is a junior homonym, since it was preoccupied by an identical name published by Stål (1864: 90) for a true bug (Hemiptera Pentatomidae).

Hence, according to ICZN (1999, arts. 60.1, 60.2), since no available synonym for *Thoria* Zacharda was available, Ceccolini and Cianferoni (2021: 267) proposed the name *Sigthoria* to replace it and to maintain the original dedication by Zacharda (1980) to the Norwegian arachnologist and entomologist Sig Thor (1856–1937).

Unfortunately, this name also turned out to be preoccupied by a senior homonym in Anisitsiellidae

(Hydrachnida): *Sigthoria* Koenike, 1907 (type species *Amasis niloticus* Nordenskiöld, 1905), a name that Koenike (1907: 127) had already introduced as a substitute of the preoccupied *Amasis* Nordenskiöld, 1905.

Therefore, we propose a new replacement name: *Thorrhagidia* Cianferoni and Ceccolini nom. n.

**Etymology.** Upon a suggestion by Karl-Heinz Schmidt (coordinator of miteresearch.org), since several derivative names, e.g. *Sigthoriella* Besch, 1965 (Anisitsiellidae), and alternate forms, e.g. *Neothoria* Abou-Awad and El-Bagoury, 1986 (Rhagidiidae), are not available for new replacements, we have combined “*Thor-*” with “*-rhagidia*” to create an unprecedented name that fuses the honoration to Sig Thor with the rhagidiid relationship.

### SYSTEMATICS

Genus *Thorrhagidia* Cianferoni and Ceccolini nom. n.

Species *Thorrhagidia brevisensilla* (Zacharda, 1980) comb. n.=*Sigthoria brevisensilla* (Zacharda, 1980)=*Thoria brevisensilla* Zacharda, 1980 (type species)

*Thorrhagidia uniseta* (Thor, 1909) comb. n.=*Sigthoria uniseta* (Thor, 1909)=*Thoria uniseta* (Thor, 1909)=*Rhagidia uniseta* Thor, 1909=*Rhagidia crassipes* Schweizer and Bader, 1963

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