

A REPLACEMENT NAME FOR *THORIA* ZACHARDA (ACARIFORMES: PROSTIGMATA: EUPODOIDEA)

Filippo Ceccolini¹ and Fabio Cianferoni^{2,1*}

¹Natural History Museum, University of Florence, Florence, Italy

²Research Institute on Terrestrial Ecosystems, National Research Council of Italy (CNR), Sesto Fiorentino (Florence), Italy

*corresponding author; e-mail: fabio.cianferoni@cnr.it

ABSTRACT: A genus name of Trombidiformes Prostigmata turned out to be a junior homonym (preoccupied by an insect name) and a replacement name is proposed: *Sigthoria* nom.n. pro *Thoria* Zacharda, 1980 nec Stål, 1864. Two new combinations (comb.n.) are provided.

KEY WORDS: Acari, combinatio nova, nomen novum, Eupodoidea.

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INTRODUCTION

In the present work, a genus name of Acariformes, which is a junior homonym, is replaced according to the International Code of Zoological Nomenclature (ICZN 1999).

The classification adopted 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) established the new genus *Thoria* to include the new species *T. brevisensilla* and to accommodate the known species *Rhagidia uniseta* Thor, 1909 (= *R. crassipes* Schweizer and Bader, 1963). This mite genus name is currently accepted (Abou-Awad 1985; IRMNG 2021).

However, *Thoria* Zacharda is a junior homonym, which is invalid. Indeed, this name is preoccupied by another one published by Stål (1864: 90) who had already used it within Hemiptera Pentatomidae. *Thoria* Stål is still accepted (Rider 2015). According to ICZN (1999, arts. 60.1, 60.2), since no available synonym for *Thoria* Zacharda is available, a replacement name is needed. Therefore, we propose *Sigthoria* Ceccolini and Cianferoni nom.n.

Etymology. The new name follows the original dedication by Zacharda (1980) to the Norwegian entomologist Sig Thor (1856–1937), with the addition of his first name. Feminine gender.

SYSTEMATICS

Genus *Sigthoria* Ceccolini and Cianferoni nom.n.

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

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

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REFERENCES

- Abou-Awad, B. 1985. The rhagidiid mites of Egypt (Acar: Eupodoidea: Rhagidiidae). *Acarologia*, 26(3): 253–259.
- ICZN—International Commission on Zoological Nomenclature. 1999. *International Code of Zoological Nomenclature*. 4th Edition. The International Trust for Zoological Nomenclature, London, XXIX + 306 pp.
- IRMNG—The Interim Register of Marine and Non-marine Genera 2021. Date of access: July 26, 2021. <https://www.irmng.org>
- Rider, D. 2015. Pentatomoidea Home page. Date of access: February 26, 2015. <https://www.ndsu.edu/pubweb/~rider/Pentatomoidea/>
- Stål, C. 1864. *Hemiptera africana*. *Tomus primus*. Officina Norstediana, Stockholm, 256 pp.

- Zacharda, M., 1980. Soil mites of the family Rhagidiidae (Actinedida: Eupodoidea). Morphology, Systematics, Ecology. *Acta Universitatis Carolinae. Biologica*, 1978 (5–6): 498–785.
- Zhang, Z.-Q., Fan, Q.-H., Pesic, V., Smit, H., Bochkov, A. V., Khaustov, A. A., Baker, A., Wohltmann, A., Wen, T., Amrine, J. W., Beron, P., Lin, J., Gabrys, G. and Husband, R. 2011. Order Trombidiformes Reuter, 1909. In: Z.-Q. Zhang (Ed.). *Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa*, 3148: 129–138.