

A new replacement name for the fossil spider *Veterator* Petrunkevitch, 1963 (Arthropoda: Arachnida: Araneae)

Un nuevo nombre sustitutivo para la araña fósil *Veterator* Petrunkevitch, 1963 (Arthropoda: Arachnida: Araneae)

Filippo CECCOLINI  & Fabio CIANFERONI 

Abstract: A junior homonym was detected in the genera of fossil Araneae and the following replacement name is proposed within the family Trochanteriidae: *Neoveterator* Ceccolini & Cianferoni nom. nov. pro *Veterator* Petrunkevitch, 1963 nec Laws, 1944. Eight new combinations (comb. nov.) are proposed.

Resumen: Se ha detectado un homónimo más moderno entre los géneros fósiles de Araneae y se propone el siguiente nombre sustitutivo en la familia Trochanteriidae: *Neoveterator* Ceccolini & Cianferoni nom. nov. pro *Veterator* Petrunkevitch, 1963 nec Laws, 1944. Se proponen ocho nuevas combinaciones (nov. comb.).

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Corresponding author:

Fabio Cianferoni
fabio.cianferoni@cnr.it

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INTRODUCTION

Arachnida is a very large group of arthropods including more than 112,000 living known species (Zhang, 2013), almost half of which represented by spiders (Araneae) (WSC, 2021). Although fossilization is not favored by their soft bodies (thus paleontological information of this group is relatively scarce) they likely represented a relevant proportion of past terrestrial biodiversity, as they do today (Dunlop & Penny, 2012). Information about fossil arachnids was scattered until recent years, with the important exception of the well-known, but outdated, contribution on spiders by Bonnet (1945, 1955, 1956, 1957, 1958, 1959, 1961); however, new complete lists were recently provided (Dunlop & Penny, 2012; Dunlop *et al.*, 2020). Dunlop *et al.* (2020) reported 2,154 fossil and subfossil recognized species of arachnids, with a significant increase of new descriptions in the last years (cf. Dunlop & Penny, 2012; Dunlop *et al.*, 2020). In the same catalog (Dunlop *et al.*, 2020), 1,399 accepted species of extinct spiders are included. Among these, we noticed a junior homonym that, according to the rules of the International Code of Zoological Nomenclature (ICZN, 1999), needs to be replaced with new a name.

REPLACEMENT NAME

Petrunkevitch (1963, p. 24) proposed the new genus name *Veterator* for the new species *V. extinctus* Petrunkevitch, 1963 from Neogene Chiapas amber. Currently the name is accepted, including other seven species from Neogene Dominican amber (Dunlop *et al.*, 2020).

However, the genus name created by Petrunkevitch is invalid, since it is a junior homonym of a genus name established by Laws (1944, p. 306) to accommodate the fossil species *Brookesena quadricincta* Marwick, 1931, a gastropod mollusc from New Zealand Miocene. Currently the name is accepted within the family Mathildidae (MolluscaBase, 2021).

Thus, *Veterator* Petrunkevitch, which does not have any available synonym, needs to be replaced (ICZN, 1999, Arts 60.1, 60.2): herein we propose *Neoveterator* Ceccolini & Cianferoni nom. nov.

Etymology. The new name refers to the geological period of the fossil spider (Neogene), adding the prefix *Neo-* to the original name, which also remarks the nature of the new name (replacement name). Masculine gender.

SYSTEMATIC PALAEOLOGY

Phylum ARTHROPODA von Siebold, 1848
 Class ARACHNIDA Lamarck, 1801
 Order ARANEAE Clerck, 1757
 Family TROCHANTERIIDAE Karsch, 1879
 Genus *Neoveterator* Ceccolini & Cianferoni nom. nov.
 = *Veterator* Petrunkevitch, 1963 nec Laws, 1944

Included species. *Neoveterator angustus* (Wunderlich, 1988) comb. nov. = *Veterator angustus* Wunderlich, 1988

Neoveterator ascutum (Wunderlich, 1988) comb. nov.
 = *Veterator ascutum* Wunderlich, 1988

Neoveterator extinctus (Petrunkevitch, 1963) comb. nov.
 = *Veterator extinctus* Petrunkevitch, 1963 (type species)

Neoveterator incompletus (Wunderlich, 1982) comb. nov.
 = *Veterator incompletus* Wunderlich, 1982

Neoveterator longipes (Wunderlich, 1988) comb. nov.
 = *Veterator longipes* Wunderlich, 1988

Neoveterator loricatus (Wunderlich, 1988) comb. nov.
 = *Veterator loricatus* Wunderlich, 1988

Neoveterator porrectus (Wunderlich, 1988) comb. nov.
 = *Veterator porrectus* Wunderlich, 1988

Neoveterator viduus (Wunderlich, 1988) comb. nov. =
Veterator viduus Wunderlich, 1988

Supplementary information. The article has no additional data.

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Author details. **Filippo Ceccolini**^{1,2} & **Fabio Cianferoni**^{1,2}.
¹Zoology, “La Specola”, Natural History Museum, University of Florence, Via Romana 17, I-50125 Florence, Italy;
²Research Institute on Terrestrial Ecosystems, CNR—National Research Council of Italy, Via Madonna del Piano 10, I-50019 Sesto Fiorentino (Florence), Italy; ceccolinif@virgilio.it; fabio.cianferoni@cnr.it

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