

A replacement name for a Korean linyphiid spider (Araneae: Linyphiidae)

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Abstract — The spider species name *Pelecopsis montana* Seo 2018 (Linyphiidae) is preoccupied and requires a replacement name. We establish herein the necessary replacement nomen, namely: *Pelecopsis seoi* nom. nov. The homonymy of the recently synonymized genus name *Collis* Seo 2018 (Linyphiidae) and the possible homonymy of *Hahnina montana* Seo 2017 (Hahniidae) in the near future are also briefly discussed.

Key words — Renaming, South Korea.

Introduction

The Korean arachnologist Bo Keun Seo published his last spider paper shortly before his retirement in 2018 (Seo 2018). In total, he published 75 spider papers from 1981 to 2018, which are included in the World Spider Catalog (2021), and he is the author of 109 valid spider species (28 of which were described in his last paper) from several spider families. Four of his species have been synonymised (see World Spider Catalog) and one homonymy has been previously replaced by himself in Seo (2018). Furthermore, he described two new spider genera, *Longileptoneta* Seo 2015 (Leptonetidae) and *Collis* Seo 2018 (Linyphiidae). All taxa Seo has described are from Korea (World Spider Catalog 2021).

We discovered that one of the genera and one of the species – both in the family Linyphiidae Blackwall 1859 – recently described by Seo (2018), are preoccupied. The species requires a replacement name per Article 60 of the International Code of Zoological Nomenclature (ICZN 1999) and the genus was synonymised recently (see below). Upon discoveries of the homonymies, both authors attempted contact Prof. Seo in his retirement, but even with the eventual help of Korean colleagues it was impossible for us to establish contact with him. Because the appropriate replacement of the name by the original author seems unexpected, our efforts to facilitate the fulfillment is necessary in accordance with Appendix A of the Code (ICZN 1999). Therefore, we herein propose the necessary replacement name.

Taxonomy

Pelecopsis seoi Blick & Sherwood **nom. nov.**

Pelecopsis montana Seo 2018: 263, figs 5M, 10A–F (preoccupied name).

Remarks: The species name *Pelecopsis montana* is preoccupied twice (see World Spider Catalog 2021): firstly, by the secondary homonymy with *Pelecopsis montana* (Emerton 1882) (see Emerton 1882, originally in *Lophocarenum*), *Lophocarenum* is a synonym of *Pelecopsis* and *P. montana* is a synonym of *Walckenaeria castanea* (Emerton 1882) (synonymy stated by Crosby & Bishop 1933, sub *Minyriolus*); and secondly, by the primary homonymy with *Pelecopsis montana* Denis 1960, a species that later received the replacement name *Pelecopsis denisi* Brignoli 1983, as a result of its secondary homonymy with *Pelecopsis montana* (Emerton 1882) (Denis 1960; Brignoli 1983).

We therefore propose *Pelecopsis seoi* Blick & Sherwood nom. nov. for the preoccupied name *Pelecopsis montana* Seo 2018. The specific epithet honours B. K. Seo and is a noun in genitive case.

Discussion

During the course of our work we have also discovered (1) a generic homonymy and (2) a possible homonymy of a species, which could be created by a future rearrangement of a certain spider genus.

(1) The linyphiid genus name *Collis* Seo 2018 (Seo 2018: 279) is preoccupied in the fossil class Trilobita (order Tri-

nucleida, family Raphiophoridae) by *Collis* Koroleva 1959, type species *Collis parvulus* Koroleva 1959, from Kazakhstan (Koroleva 1959; Jell & Adrain 2003). However, the genus *Collis* Seo 2018 was recently synonymised with *Erigomiconus* Tanasevitch 2018 by Tanasevitch (2021), who was not aware of the preoccupation of *Collis* Seo 2018, and as a result of the synonymy, *Collis* does not need a replacement name per Article 60 of the Code (ICZN 1999).

(2) Seo (2017) described the new species *Hahnina montana* Seo 2017 from Korea. This could potentially become a secondary homonym of *Hahnina montana* (Blackwall 1841), which is currently housed in *Iberina* Simon, 1881 (per Ledoux 2014, following Lehtinen 1967). *Iberina montana* was originally described in *Agelena*, but listed in the combination with *Hahnina* from 1873 to 2014 (see World Spider Catalog 2021). A generic revision of the hahniid genera is pending and if *I. montana* would be transferred back to *Hahnina* C. L. Koch 1841, the Korean *H. montana* Seo 2017 will also require a replacement name per Article 60 of the Code (ICZN 1999).

Acknowledgements

We would like to thank Yuki Baba (Institute for Agro-Environmental Sciences NARO, Japan) and two anonymous reviewers whose comments improved the manuscript.

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Received May 26, 2021 / Accepted July 9, 2021