



Luis Santos Subías Gedenkschrift: postscript

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This Gedenkschrift was published to honor the life and contributions of the esteemed oribatologist Dr. Luis Santos Subías, who passed away on May 5, 2024, in Valencia, Spain. It serves as a tribute to his significant impact on acarology and taxonomy (Shtanchaeva *et al.* 2024).

Shortly after the passing of Dr Subías, some of his friends and colleagues discussed the possibility of a memorial volume. One of his close collaborators in recent years—Dr Sergey Ermilov—approached me on 19 May 2024 and Dr Roy Norton also contacted me a week later on behalf of Dr Ermilov. They inquired if such a special volume can be published in *Zootaxa* before the end of 2024. I responded affirmatively. In early June, Dr. Ermilov issued a call for papers to the acarological community and other colleagues, and most submissions were received by the deadline of October 15, 2024. Dr Tobias Pfingstl and Dr. Elizabeth Hugo-Coetzee were invited to handle the oribatid manuscripts, while I edited the other manuscripts.

This volume collected 19 contributions on a variety of subjects and taxa from 40 acarologists in 14 countries. These include one obituary commemorating the life and contributions of Dr Luis Subías (Shtanchaeva *et al.* 2024) and 18 original research articles with 5 new genus-level taxa and 19 new species (Table 1). Not surprisingly, most (15) of the research papers deal with oribatid systematics, including one new genus, one new subgenus and 14 new species. Three other articles include three new genera and five new species on Astigmata (Oribatida), Trombidiformes and Mesostigmata (Table 1). Notably, one new genus, one new subgenus and 14 new species were named after Dr Luis Santos Subías (Table 1)—adding to 23 patronyms (3 generic names and 20 species names) previously attributed to him (Shtanchaeva *et al.* 2024, p. 12—this volume).

Acknowledgements. I like to thank Dr Ermilov and Dr Norton for initially proposing this special volume, Dr Pfingstl and Dr. Hugo-Coetzee for editing oribatid papers in this volume, all the authors for contributing to this volume and all the reviewers for their comments and suggestions.

TABLE 1. The number of new genera (5) and species (19) of mites in this special volume (including a list of patronyms in honour of Dr Luis Subías).

Number of new species	Number of new genera	Taxa	Country of origin	Patronyms	References
1	0	Oribatida, Cepheusidae	India	<i>Tritegeus luissantosubiasi</i> sp. nov	Ermilov, 2024
1	1	Oribatida, Haplozetidae	Venezuela	<i>Araguazetes luisi</i> gen. & sp. nov.	Ermilov & Behan-Pelletier, 2024
0	0	Oribatida, Ameronothridae	France		Shimano <i>et al.</i> , 2024
2	0	Oribatida, Haplozetidae	Dominican Republic	<i>Peloribates (Peloribatodes) luissubiasi</i> sp. nov.	Shtanchaeva & Ermilov, 2024
1	0	Oribatida, Haplozetidae	China	<i>Indoribates (Indoribates) subiasi</i> sp. nov.	Xu <i>et al.</i> , 2024

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TABLE 1. (Continued)

Number of new species	Number of new genera	Taxa	Country of origin	Patronyms	References
1	0	Oribatida, Cymbaeremaeidae	Mexico	<i>Scapheremaeus subiasi</i> sp. nov.	Palacios-Vargas <i>et al.</i> , 2024
0	0	Oribatida	USA		Barreto & Lindo
1	0	Oribatida, Parakalummidae	China	<i>Neoribates (Neoribates) subiasi</i> sp. nov.	Yu <i>et al.</i> , 2024
1	0	Oribatida, Suctobelbidae	China	<i>Allosuctobelba (Allosuctobelba) subiasi</i> Zheng & Chen sp. nov.	Zheng <i>et al.</i> , 2024
0	0	Oribatida, Trhypochthoniidae	Various		Norton & Ermilov, 2024
1	1	Oribatida, Sternoppiidae	French Guyana	<i>Sternoppia (Luisternoppia)</i> subgen. nov. <i>Sternoppia (Luisternoppia) subiasi</i> sp. nov.	Miko, 2024
1	0	Oribatida, Haplozetidae	Brazil	<i>Rostrozetes achilles</i> sp. nov.	Bomfim <i>et al.</i> , 2024
1	0	Oribatida, Pediculochelidae	Japan	<i>Paralycus subiasi</i> sp. nov.	Oshima & Shimano, 2024
2	0	Oribatida, Suctobelbidae	Korea	<i>Suctobelbella (Flagrosuctobelba) subiasi</i> sp. nov.	Bayartogtokh & Bae, 2024
1	0	Oribatida, Galumnellidae	Vietnam	<i>Galumnella subiasi</i> sp. nov.	Kolesnikov & Leonov, 2024
1	0	Oribatida, Astigmata, Acaridae	Russia	<i>Thyreophagus subiasi</i> sp. n.	Kolesnikov <i>et al.</i> , 2024
3	2	Trombidiformes, Cheyletidae	Vietnam	<i>Vietocheyla subiasi</i> gen. & sp. nov.	Khaustov <i>et al.</i> , 2024
1	1	Mesostigmata, Uropodidae	India	<i>Subiasiana</i> gen. nov.	Kontschán, 2024

References

- Bayartogtokh, B. & Bae, Y.-S. (2024) New findings of oribatid mites of the genus *Suctobelbella* (Acari: Oribatida: Suctobelbidae) from Korea. *Zootaxa*, 5556 (1), 226–241.
<https://doi.org/10.11646/zootaxa.5556.1.17>
- Bomfim, G.S., Delabie, J.H.C. & Oliveira, A.R. (2024) A new species of *Rostrozetes* (Acari: Oribatida: Haplozetidae) from Brazil. *Zootaxa*, 5556 (1), 205–217.
<https://doi.org/10.11646/zootaxa.5556.1.15>
- Barreto, C. & Lindo, Z. (2024) Checklist of oribatid mites (Acari: Oribatida) from peatlands in the United States with notes on oribatid mites from a bog in Minnesota. *Zootaxa*, 5556 (1), 106–121.
<https://doi.org/10.11646/zootaxa.5556.1.10>
- Kolesnikov, V.B. & Leonov, V.D. (2024) A new species of *Galumnella* (Acari, Oribatida, Galumnellidae) from Vietnam. *Zootaxa*, 5556 (1), 242–251.
<https://doi.org/10.11646/zootaxa.5556.1.18>
- Kolesnikov, V.B., Klimov, P.B., Alexander A. Khaustov, A.A., Pepato, A. & Makarova, O.L. (2024) A new arenicolous species of the genus *Thyreophagus* (Acari: Acaridae) from the Caspian sea coast: Taxonomy and ecological insights. *Zootaxa*, 5556 (1), 252–267.
<https://doi.org/10.11646/zootaxa.5556.1.19>
- Kontschán, J. (2024) *Subiasiana indica* gen. nov., sp. nov., a new remarkable representative of Uropodina mites from India

- (Acari: Mesostigmata: Uropodidae). *Zootaxa*, 5556 (1), 296–302.
<https://doi.org/10.11646/zootaxa.5556.1.21>
- Ermilov, S.G. (2024) Taxonomic contribution to knowledge of the oribatid mite genus *Tritegeus* (Acari, Oribatida, Cepheusidae). *Zootaxa*, 5556 (1), 37–50.
<https://doi.org/10.11646/zootaxa.5556.1.4>
- Ermilov, S.G. & Behan-Pelletier, V.M. (2024) *Araguazetes luisi* gen. nov., sp. nov. (Acari, Oribatida, Haplozetidae) from Henri Pittier National Park, Venezuela. *Zootaxa*, 5556 (1), 51–61.
<https://doi.org/10.11646/zootaxa.5556.1.5>
- Khaustov, A.A., Salavatulin, V.M., Tsurikov, S.M., Thinh, N.V. & Khaustov, V.A. (2024) Free-living predatory cheyletid mites (Acariformes: Cheyletidae) from Cat Tien National Park, Vietnam. *Zootaxa*, 5556 (1), 268–295.
<https://doi.org/10.11646/zootaxa.5556.1.20>
- Miko, L. (2024) Oribatid mites (Acarina, Oribatida) from French Guyana III. A new subgenus and its type species, *Sternoppia (Luisternoppia) subiasi* sp. nov. from family Sternoppiidae Balogh et Mahunka, 1969. *Zootaxa*, 5556 (1), 200–204.
<https://doi.org/10.11646/zootaxa.5556.1.14>
- Norton, R.A. & Ermilov, S.G. (2024) Evaluation of morphological traits in Trhypochthoniidae with focus on *Allonothrus*, and morphology-molecule conflict in classification and phylogeny of Nothrina (Acari: Oribatida). *Zootaxa*, 5556 (1), 144–199.
<https://doi.org/10.11646/zootaxa.5556.1.13>
- Oshima, M. & Shimano, S. (2024) A new species of the genus *Paralycus* Womersley, 1944 (Acari, Oribatida, Pediculochelidae) from Shikoku-island, Japan. *Zootaxa*, 5556 (1), 218–225.
<https://doi.org/10.11646/zootaxa.5556.1.16>
- Palacios-Vargas, J.G., Murillo, K.A.J. & Ojeda, M. (2024) New species of *Scapheremaeus* (Acari: Oribatida: Cymbaeremaeidae) from an epiphytic environment in Morelos, Mexico. *Zootaxa*, 5556 (1), 97–105.
<https://doi.org/10.11646/zootaxa.5556.1.9>
- Shimano, S., Hiruta, S.F., Sánchez-Chávez, D.I. & Pflingstl, T. (2024) Coastal mites (Oribatida, Ameronothridae) found far from the coast in moss growing on the Cathédrale Notre-Dame de Paris, France, fifty years after their first discovery in this historic site. *Zootaxa*, 5556 (1), 62–71.
<https://doi.org/10.11646/zootaxa.5556.1.6>
- Shtanchaeva, U.Ya. & Ermilov, S.G. (2024) New species of *Peloribates* (Acari, Oribatida, Haplozetidae) from a cave in the Dominican Republic. *Zootaxa*, 5556 (1), 62–71.
<https://doi.org/10.11646/zootaxa.5556.1.7>
- Shtanchaeva, U.Ya., Arillo, A. & Norton, R.A. (2024) Dr. Luis Santos Subías Esteban (25.04.1948–5.05.2024)—Obituary. *Zootaxa*, 5556 (1), 5–36.
<https://doi.org/10.11646/zootaxa.5556.1.3>
- Yu, B.-X., Pan, X. & Liu, D. (2024) *Neoribates (Neoribates) subiasi* sp. nov. (Acari, Oribatida, Parakalummidae) from Changbai Mountain, China. *Zootaxa*, 5556 (1), 122–131.
<https://doi.org/10.11646/zootaxa.5556.1.11>
- Xu, S.-J., Liu, C.-L. & Chen, J. (2024) Taxonomic contribution to the knowledge of the genus *Indoribates* and *Lauritzenia* (Acari, Oribatida, Haplozetidae), with description of a new species from China. *Zootaxa*, 5556 (1), 84–96.
<https://doi.org/10.11646/zootaxa.5556.1.8>
- Zheng, L.-H., Duan, H.-B. & Chen, J. (2024) Two new species of the genus *Allosuctobelba* (Acari, Oribatida, Suctobelbidae) from China. *Zootaxa*, 5556 (1), 132–143.
<https://doi.org/10.11646/zootaxa.5556.1.12>