

<https://doi.org/10.11646/zootaxa.5485.1.3>

<http://zoobank.org/urn:lsid:zoobank.org:pub:8445BFBA-7CA3-4573-9F95-CB60778A37FD>

Preface to “Ontogeny and morphological diversity in immature mites (Part VIII)”

ZHI-QIANG ZHANG^{1,2}

¹Manaaki Whenua—Landcare Research, 231 Morrin Road, Auckland, New Zealand

 zhangz@landcareresearch.co.nz;  <https://orcid.org/0000-0003-4172-0592>

²Centre for Biodiversity & Biosecurity, School of Biological Sciences, University of Auckland, Auckland, New Zealand

I am delighted to introduce the eighth volume in the special series “Mite ontogeny and morphological diversity in immature mites” in *Zootaxa*. This series was launched to accelerate studies on the ontogeny and morphological diversity in immature mites (Zhang 2018); the first volume was published in 2018, with 10 articles (Zhang *et al.* 2018). The initiative has been well received by a dedicated community of specialists since 2018. During the last five years (2019–2023), six more volumes were published, including 44 articles (Zhang *et al.* 2019, 2020a,b, 2023; Fuangarworn *et al.* 2021; Zhang & Fuangarworn 2022). This new volume is a collection of 11 articles, consisting of one article on the family Phytoseiidae of Mesostigmata (Ma *et al.* 2024), eight articles on various families of Oribatida (Ermilov 2024ab; Ermilov & Bayartogtokh 2024; Ermilov & Lindquist 2024; Ermilov & Salavatulin 2024; Seniczak, S. & Seniczak, A. 2024; Seniczak, S. *et al.* 2024a, b), and two articles on the family Tenuipalpidae of Trombidiformes (He *et al.* 2024; Nascimento *et al.* 2024). Due to the continued interest in this topic, we plan to release another volume in mid-2025 for manuscripts on mite ontogeny.

Acknowledgement

I am grateful to Dr Marut Fuangarworn (Chulalongkorn University, Thailand) for co-editing this volume and the last seven volumes, responsible for most of the papers on Oribatida. I also thank Dr Yi Yan (Shandong Agricultural University, China) for co-editing this volume, the anonymous reviewers for their constructive comments, and our authors for their contributions to this volume. Lilian Zhang (Auckland, New Zealand) read and copyedited the draft of this manuscript.

References

- Fuangarworn, M., Zhang, Z.-Q. & Katlav, A. (Eds) (2021) Ontogeny and morphological diversity in immature mites (Part V). *Zootaxa*, 5086 (1), 1–173.
<https://doi.org/10.11646/zootaxa.5086.1>
- Ermilov, S.G. (2024a) Ontogenetic instars of the oribatid mite *Eupterotegaeus nortoni* sp. nov. (Acari, Oribatida, Cepheidae) from U.S.A. *Zootaxa*, 5485 (1), 49–61.
<https://doi.org/10.11646/zootaxa.5485.1.6>
- Ermilov, S.G. (2024b) Description of juvenile instars of *Scapheremaeus tonatiuh* Palacios-Vargas, Ríos & Vázquez, 1998 (Acari, Oribatida, Cymbaeremaeidae). *Zootaxa*, 5485 (1), 62–72.
<https://doi.org/10.11646/zootaxa.5485.1.7>
- Ermilov, S.G. & Bayartogtokh, B. (2024) Contribution to the knowledge of the oribatid mite genus *Oribatodes* (Acari, Oribatida, Cepheidae), with supplementary descriptions of two species and data on juvenile instars. *Zootaxa*, 5485 (1), 73–91.
<https://doi.org/10.11646/zootaxa.5485.1.8>
- Ermilov, S.G. & Lindquist, E.E. (2024) Ontogenetic instars of *Basilobelba wernerii* Mahunka, 1982 (Acari, Oribatida, Basilobelidae). *Zootaxa*, 5485 (1), 92–105.
<https://doi.org/10.11646/zootaxa.5485.1.9>
- Ermilov, S.G. & Salavatulin, V.M. (2024) Juvenile instars of *Sellnickia caudata* (Michael, 1908) (Acari, Oribatida, Sellnickiidae).

- Zootaxa*, 5485 (1), 38–48.
<https://doi.org/10.11646/zootaxa.5485.1.5>
- He, H.-D., Jin, D.-C., Ochoa, R. & Yi, T.-C. (2024) A new species of *Ultratenuipalpus* and redescription of *Ultratenuipalpus hainanensis* (Wang) (Acari, Tenuipalpidae). *Zootaxa*, 5485 (1), 201–225.
<https://doi.org/10.11646/zootaxa.5485.1.14>
- Ma, M., Zhang, K., Fan, Q.-H. & Zhang, Z.-Q. (2024) Description of ontogenetic changes in the morphology of *Amblyseius herbicolus* (Chant, 1959) and *Amblyseius lentiginosus* Denmark & Schicha, 1974 (Acari: Phytoseiidae). *Zootaxa*, 5485 (1), 7–37.
<https://doi.org/10.11646/zootaxa.5485.1.4>
- Nascimento, R.S., Castro, E.B., Tassi, A.D., Mineiro, J.L.C., Carrillo, D., Ochoa, R. & Oliveira, A.R. (2024) The flat mite *Tenuipalpus uvae* De Leon (Acari: Tenuipalpidae): descriptions of all stages, ontogeny of setae and morphometric analysis. *Zootaxa*, 5485 (1), 178–200.
<https://doi.org/10.11646/zootaxa.5485.1.13>
- Seniczak, S., Ivan, O. & Seniczak, A. (2024a) Morphological ontogeny of *Oribatula pannonica* (Acari, Oribatida, Oribatulidae), and comments on some species of *Oribatula* Berlese. *Zootaxa*, 5485 (1), 106–129.
<https://doi.org/10.11646/zootaxa.5485.1.10>
- Seniczak, S., Seniczak, A. & Mistrzak, M. (2024b) Morphological ontogeny of *Melanozetes meridianus* (Acari, Oribatida, Ceratozetidae). *Zootaxa*, 5485 (1), 155–177.
<https://doi.org/10.11646/zootaxa.5485.1.12>
- Seniczak, S. & Seniczak, A. (2024) Morphological ontogeny of *Conoppia palmicincta* (Acari, Oribatida, Cepheusidae). *Zootaxa*, 5485 (1), 130–154.
<https://doi.org/10.11646/zootaxa.5485.1.11>
- Zhang, Z.Q. (2018) Accelerating studies on the ontogeny and morphological diversity in immature mites. *Zootaxa*, 4540 (1), 5–6.
<https://doi.org/10.11646/zootaxa.4540.1.3>
- Zhang, Z.-Q. & Fuangarworn, M. (2022) Ontogeny and morphological diversity in immature mites (Part VI). *Zootaxa*, 5187 (1), 1–290.
<https://doi.org/10.11646/zootaxa.5187.1>
- Zhang, Z.-Q., Fuangarworn, M., Fan, Q.-H. & Yi, T.-C. (Eds) (2020a) Ontogeny and morphological diversity in immature mites (Part IV). *Zootaxa*, 4900 (1), 1–200.
<https://doi.org/10.11646/zootaxa.4900.1>
- Zhang, Z.-Q., Fuangarworn, M. & Seeman, O.D. (Eds) (2020b) Ontogeny and morphological diversity in immature mites (Part III). *Zootaxa*, 4857 (1), 1–250.
<https://doi.org/10.11646/zootaxa.4857.1>
- Zhang, Z.-Q., Fuangarworn, M., Seeman, O. & Mironov, S. (Eds) (2019) Ontogeny and morphological diversity in immature mites (Part II). *Zootaxa*, 4717 (1), 1–230.
<https://doi.org/10.11646/zootaxa.4717.1>
- Zhang, Z.-Q., Fuangarworn, M. & Yi, T.-C. (Eds) (2023) Ontogeny and morphological diversity in immature mites (Part VII). *Zootaxa*, 5324(1), 1–226.
<https://doi.org/10.11646/zootaxa.5324.1>
- Zhang, Z.-Q., Seeman, O., Fuangarworn, M. & Fan, Q.-H. (Eds) (2018) Ontogeny and morphological diversity in immature mites (Part I). *Zootaxa*, 4540 (1), 1–224.
<https://doi.org/10.11646/zootaxa.4540.1>