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

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This series of *Zootaxa* special volumes on “Mite ontogeny and morphological diversity immature mites” was initiated in 2018, with one volume published yearly apart from 2020, which covers two volumes (Zhang *et al.* 2018, 2019, 2020a,b; Fuangarworn *et al.* 2021; Zhang & Fuangarworn 2022). I am pleased to introduce the seventh volume in this series, which collects one paper on Mesostigmata (Ma *et al.* 2023), seven papers on Oribatida (Ermilov 2023; Ermilov & Rybalov 2023; Ermilov *et al.* 2023; Seniczak, A. *et al.* 2023; Seniczak, S. *et al.* 2023a,b; Seniczak, S. & Seniczak, A. 2023) and two papers on Trombidiformes (He *et al.* 2023; Pan *et al.* 2023). We also plan to release another volume later this year and welcome contributions on mite ontogeny from authors who share our interest in this topic.

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## 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.4586.1>
- Ma, M., Fan, Q.-H. & Zhang, Z.-Q. (2023) Description of the ontogenetic changes in the morphology of *Neoseiulus cucumeris* (Acari: Phytoseiidae). *Zootaxa*, 5324 (1), 7–23.  
<https://doi.org/10.11646/zootaxa.5324.1.4>
- Ermilov, S.G. (2023) First data on ontogeny of the oribatid mite family Caloppiidae (Acari, Oribatida), with description of juvenile instars of the representative of the genus *Zetorchella*. *Zootaxa*, 5324 (1), 37–48.  
<https://doi.org/10.11646/zootaxa.5324.1.6>
- Ermilov, S.G., Miko, L., Kolesnikov, V.B. & Salavatulin, V.M. (2023) Ontogenetic instars of the oribatid mite *Spatiodamaeus kalugaensis* sp. nov. (Acari, Oribatida, Damaeidae) from Russia. *Zootaxa*, 5324 (1), 49–65.  
<https://doi.org/10.11646/zootaxa.5324.1.7>
- Ermilov, S.G. & Rybalov, L.B. (2023) Ontogenetic instars of the oribatid mite *Tyrphonothrus digeluensis* sp. nov. (Acari, Oribatida, Malaconothridae) from Ethiopia. *Zootaxa*, 5324 (1), 24–36.  
<https://doi.org/10.11646/zootaxa.5324.1.5>
- Seniczak, A., Seniczak, S., Hagen, S.B. & Klütsch, C.F.C. (2023) Morphological ontogeny of *Minunthozetes semirufus* (Acari: Oribatida: Punctoribatidae). *Zootaxa*, 5324 (1), 110–132.  
<https://doi.org/10.11646/zootaxa.5324.1.10>
- Seniczak, S., Seniczak, A., Hagen, S.B. & Klütsch, C.F.C. (2023a) Morphological ontogeny of *Zachvatkinibates svanhovdi* (Acari, Oribatida, Punctoribatidae). *Zootaxa*, 5324 (1), 66–82.  
<https://doi.org/10.11646/zootaxa.5324.1.8>
- Seniczak, S., Seniczak, A. & Kaczmarek, S. (2023b) Morphological ontogeny of *Oribatula heterochaeta* (Acari, Oribatida, Oribatulidae), with comments on some species of *Oribatula* Berlese. *Zootaxa*, 5324 (1), 83–109.  
<https://doi.org/10.11646/zootaxa.5324.1.9>
- Seniczak, S. & Seniczak, A. (2023) Morphological ontogeny of *Carinogalumna erciyesi* sp. nov. (Acari, Oribatida, Galumnidae) from Turkey, with comments on *Carinogalumna* Engelbrecht. *Zootaxa*, 5324 (1), 133–156.  
<https://doi.org/10.11646/zootaxa.5324.1.11>

- He, H.-D., Yi, T.-C., Jin, D.-C. & Ochoa, R. (2023) Revision of *Neotrichobia* Tuttle & Baker (Acari, Tetranychidae) with ontogenetic development and redescription of *N. arizonensis*. *Zootaxa*, 5324 (1), 157–184.  
<https://doi.org/10.11646/zootaxa.5324.1.12>
- Pan, X.-J., Jin, D.-C. & Yi, T.-C. (2023) Redescription of three species of *Apomychus* from China with ontogenetic development and morphological variations of *A. corpuzae* (Acariformes: Tetranychidae). *Zootaxa*, 5324 (1), 185–226.  
<https://doi.org/10.11646/zootaxa.5324.1.13>
- 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., 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>
- 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>