

List of Publications

List of publication during the Ph.D. studies (2018-2023):

1. **Montoya-Molina, S.** & Vaz-de-Mello, F.Z. 2019. Notes on taxonomy and geographic distribution of *Deltorhinum* Harold 1869 (Coleoptera: Scarabaeidae: Scarabaeinae) with description of a new species, a new identification key, and a generic transfer. *Journal of Natural History*. DOI: 10.1080/00222933.2019.1606359
2. **Montoya-Molina, S.** & Vaz-de-Mello, F.Z. 2019. Rediscovering *Dichotomius foveicollis* (Kirsch, 1871) (Coleoptera: Scarabaeinae), new combination, revalidation and other taxonomic notes. *Journal of Natural History*. DOI: 10.1080/00222933.2020.1749322
3. Franco-Galindo, L.S., Ochoa-Sanz, D.M., Isaza-López, L.M. & **Montoya-Molina, S.** 2019. Preliminary list of coprophagous beetles (Coleoptera: Scarabaeinae) from the natural reserve Cañon del Rio Claro, Antioquia, Colombia. *Boletín del Museo de Entomología de la Universidad del Valle* 19(1): 21-27.
4. **Montoya-Molina S.** & Vaz-De-Mello F.Z. 2021. Taxonomic review of the *Dichotomius* (*Luederwaldtinia*) *agenor* species group (Coleoptera: Scarabaeidae: Scarabaeinae). *European Journal of Taxonomy* 734: 1–64. <https://doi.org/10.5852/ejt.2021>.
5. **Montoya-Molina, S.** P. Jakubec, J. Qubaiová, M. Novák, H. Šuláková, J. Růžička. 2021. Developmental models of the forensically important carrion beetle *Thanatophilus sinuatus* (Fabricius, 1775) (Coleoptera: Silphidae). *Journal of Medical Entomology* 58(3): 1041-1047. DOI: 10.1093/jme/tjaa255
6. **Montoya-Molina, S.** Arturo González-Alvarado, Carolina Giraldo-Echeverri, Fernando Z. Vaz-de-Mello. 2021. *Ateuchus fedescobari* – a new dung beetle (Coleoptera: Scarabaeinae) species from Colombia, and redescription of the rare *A. punctatissimum* (Génier, 2010) from Brazil. *Journal of Natural History* 55 (1-2): 115-124. DOI: 10.1080/00222933.2021.1895348
7. Qubaiová, J., Jakubec, P., **Montoya-Molina, S.**, Novák, M. Šuláková, H. 2021. Influence of Diet on Development and Survival of *Thanatophilus rugosus* (Coleoptera: Silphidae). *Journal of Medical Entomology* 58(6).
8. **Montoya-Molina, S.** P. Jakubec, J. Qubaiová, M. Novák, H. Šuláková, J. Růžička. 2021. Developmental models of the carrion beetle *Thanatophilus rugosus* (Linnaeus, 1758) (Coleoptera: Silphidae). *Scientific Reports* 11(1): 19377. DOI: 10.1038/s41598-021-98833-9
9. Qubaiová, J., Jakubec, P., **Montoya-Molina, S.**, Novák, M., Suláková, H. 2022. Diet Impact on the Development and Survival of *Oiceoptoma thoracicum* (Coleoptera: Silphidae). *Journal of Medical Entomology*, 1-6.
10. Qubaiová, J., P. Jakubec, **S. Montoya-Molina**, M. Novák, H. Šuláková. 2023. The impact of diet and photoperiodism on the life history of *Thanatophilus sinuatus* (Coleoptera: Silphidae). *Journal of Medical Entomology*, 1-7.
11. Vacek Z, Cukor J, Vacek S, Václavík T, Kybicová K, Bartoška J, Mahlerová K, **Montoya-Molina S.** 2023. Effect of forest structures and tree species composition on common tick (*Ixodes ricinus*) abundance—Case study from Czechia. *Forest Ecology and Management*. 529: 120676.
12. Giraldo-Echeverri, C., **Montoya-Molina, S.**, Montoya-Lerma, J., Chará, J.D., Escobar, F. Is Digitonthophagus gazella (Fabricius, 1787), undergoing a process of naturalization?: A study case in a tropical dry forest of northern Colombia. *Has been successfully submitted online to Caldasia Journal*.

13. Clavijo-Bustos, J., Cárdenas-Bautista, J.S. Torres, E.D., Torres, M.A., Neita-Moreno, J.C., **Montoya-Molina, S.** A new species of the *Dichotomius agenor* species-group (Coleoptera: Scarabaeidae: Scarabaeinae) from Colombia. *Has been successfully submitted online to Caldasia Journal.*
14. **Montoya-Molina, S.**, Jakubec, P., Awde D.N., Qubaiová, J. Age and sex drives the chill recovery times of a forensically important beetle, *Thanatophilus sinuatus* (Coleoptera: Silphidae). *Has been successfully submitted online to Journal of Medical Entomology.*

BOOKS

1. Giraldo-Echeverri, C.; **Montoya-Molina, S.** & Escobar, F. 2018. Escarabajos del estiércol en paisajes ganaderos de Colombia. Fundación CIPAV.