

Carlos M. Delgado-Martínez

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DoB: October 30, 1994

EDUCATION

1. B.Sc. in Biology (2017). National Autonomous University of Mexico (UNAM), Mexico City, Mexico.
2. M.Sc. in Biological Sciences (2020). National Autonomous University of Mexico (UNAM), Mexico City, Mexico.
3. PhD in Biological Sciences (in progress). National Autonomous University of Mexico (UNAM), Mexico City, Mexico.

RESEARCH INTERESTS

1. Conservation of endangered vertebrate species
2. Use of limiting resources (i.e., fruits and water) by tropical vertebrates
3. Landscape connectivity
4. Climate change effects on biodiversity

LANGUAGES

Native language: Spanish

Other languages: English, and Chinese (basic level).

COMPUTER SKILLS

Proficient in R, QGIS and Arduino.

AWARDED GRANTS

1. 1st Rufford Small Grant (24083-1). Ecological Role of Small Water Deposits (Sartenejas) to Conserve Tropical Forest Vertebrates in the Calakmul Region, Mexico.
2. National Geographic Grant (EC-196R-18). Ecological role of small water deposits (sartenejas) to conserve tropical forest vertebrates in the Calakmul Region, Mexico.

3. Idea Wild (2018). Equipment grant.
4. 2nd Rufford Small Grant (34365-2). Setting the Basis to Mitigate a Wildlife Climate Crisis: Analysing the Spatio-Temporal Variation of Water Availability for Birds and Mammals in Calakmul, Mexico.
5. Latin American Student Field Research Award (2022), American Society of Mammalogists.
6. Seed Research Grant (2022), Association for Tropical Biology and Conservation.
7. Christine Stevens Wildlife Award (2024), Animal Welfare Institute

PUBLICATIONS

1. **Delgado-Martínez, C. M.**, Alvarado, F., Mendoza, E., Flores-Hernández, S., Navarrete, A., Navarrete, E., & Botello, F. (2018). An ignored role of sartenejas to mitigate water shortage hazards for tropical forest vertebrates. *Ecology*, 99(3), 758–760. <https://doi.org/10.1002/ecy.2078>
2. Camargo-Sanabria, A. A., & **Delgado-Martínez, C. M.** (2019). Interacciones fruto-mamífero: varios paquetes. Págs. 203-220, en: S. Mandujano y L. A. Pérez-Solano (Eds.). *Fototrampeo en R: organización y análisis de datos. Volumen 1*. Instituto de Ecología A.C., Xalapa, Ver., México.
3. **Delgado-Martínez, C. M.**, & Mendoza, E. (2020). La importancia de las sartenejas como fuente de agua para la fauna silvestre en la región de Calakmul, Campeche. *Biodiversitas*, 151, 2–6.
4. **Delgado-Martínez, C. M.**, Spaan, D., Contreras-Moreno, F. M., Simá-Pantí, D. E., & Mendoza, E. (2021). Spider monkey use of natural and artificial terrestrial water sources in Calakmul, Mexico. *Behaviour*, 158(2), 161–175. <https://doi.org/10.1163/1568539X-bja10056>
5. **Delgado-Martínez, C. M.**, Cudney-Valenzuela, S. J., & Mendoza, E. (2022). Camera trapping reveals multispecies use of water-filled tree holes by birds and mammals in a neotropical forest. *Biotropica*, 54(1), 262–267. <https://doi.org/https://doi.org/10.1111/btp.13030>
6. **Delgado-Martínez, C. M.**, Alvarado, F., Kolb, M., & Mendoza, E. (2022). Monitoring of small rock pools reveals differential effects of chronic anthropogenic disturbance on birds and mammals in the Calakmul region, southern Mexico. *Journal of Tropical Ecology*, 38(2), 79–88. <https://doi.org/DOI:10.1017/S0266467421000547>
7. **Delgado-Martínez, C. M.**, & Mendoza, E. (2022). Human disturbance modifies the identity and interaction strength of mammals that consume *Attalea butyracea* fruit in

a neotropical forest. *Animal Biodiversity and Conservation*, 45(1), 13–21.

<https://doi.org/https://doi.org/10.32800/abc.2022.45.0013>

8. Contreras-Moreno, F. M., Jesús-Espinosa, D., Cruz-Romo, L., Méndez-Saint Martin, G., Tamay Yah, L. A., Sánchez-Pinzón, K. G., **Delgado-Martínez, C. M.**, Mendoza, E., Dræby, K., & Uc-Monrrero, E. (2023). New records of grison (*Galictis vittata*) in Campeche, México. *Therya Notes*, 4, 21-26.
https://doi.org/10.12933/therya_notes-23-100
9. **Delgado-Martínez, C. M.**, Kolb, M., Pascual-Ramírez, F., & Mendoza, E. (2023). Differential utilization of surface and arboreal water bodies by birds and mammals in a seasonally dry Neotropical forest in southern Mexico. *Ecology and Evolution*, 13, e10781. <https://doi.org/10.1002/ece3.10781>
10. **Delgado-Martínez, C. M.**, Kolb, M., Pascual-Ramírez, F., & Mendoza, E. (2025). Global patterns and gaps in the study of terrestrial birds and mammals' use of freshwater sources: A mapping review. *Wildlife Biology*, 2025, e01379.
<https://doi.org/10.1002/wlb3.01379>

OTHER ACTIVITIES

1. National Geographic Level I Grant proposals reviewer (2022-2023)
2. Organizer of the first Learning Event in Mexico, sponsored by The Rufford Foundation (2024).
3. Project leader for the initiative “Evaluating conflicts between wild cats and beekeeping systems in southeastern Mexico,” in partnership with the Ocelot Working Group (2023–2025).