

DARWIN M. MORALES-MARTÍNEZ

Google Scholar: <https://scholar.google.com/citations?user=PJhU5VcAAAAJ&hl=es>

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EDUCATION

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| MS | Biology
Universidad Nacional de Colombia
Thesis: <i>"Taxonomy and systematics of bats of the genus Micronycteris Gray, 1982 (Chiroptera: Phyllostomidae) in Colombia"</i> . | September 2018
Bogotá, Colombia |
| BS | Biology
Universidad Nacional de Colombia
Thesis: <i>"Composition and structure of a bat assemblage associated with Rocky outcrops of Serranía de la Macarena (Meta-Colombia)"</i> | September 2014
Bogotá, Colombia |

PROFESSIONAL AND RESEARCH EXPERIENCE

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| Mammalogist
<i>Instituto Amazónico de Investigaciones Científicas SINCHI</i> | January 2017 – 2022
Leticia, Amazonas, Colombia |
| <ul style="list-style-type: none"> • Conducting inventories of mammals along the Colombian Amazon. • Identifying and performing curatorship of mammalian specimens to be cataloged in natural history collections. • Conducting strategies for the social appropriation of knowledge in indigenous and settlers' communities. • Proposing methodologies to describe new species in the Colombian Amazon • Building projects and inter-institutional alliances to conduct new investigation in the Colombian Amazon. • Writing scientific papers about the diversity of mammals in several localities of Amazon in Colombia. | |
| Consultant
<i>Asociación Colombiana de Zoología (ACZ)</i> | October 2020 – January 2021
Bogotá, Colombia |
| <ul style="list-style-type: none"> • Developed a list of mammal species with conservation priorities in Colombia. • Compiled geographical records about species with conservation priorities in Colombia in Natural History Museums. • Wrote scientific data papers about records of mammal species with conservation priorities in Colombia. | |
| Mammalogist Researcher and Consultant
<i>La Palmita Research Center and Foundation</i> | January 2015 – December 2018
Trinidad, Casanare, Colombia |

- Conducted mammal inventories in protected areas of the Andes and the Orinoco Llanos of Colombia.
- Identified and performed curatorship of mammalian specimens to be cataloged in natural history collections.
- Wrote technical reports on mammal diversity in protected areas of the Andes and the Orinoco Llanos of Colombia.
- Wrote technical reports suggesting conservation plans for protected areas of the Andes and the Orinoco Llanos of Colombia.

Consultant

February 2016 – June 2016

Natura Foundation

Gigante, Huila, Colombia

- Conducted inventories of small mammals to evaluate restoration process in the dry forest within the area of influence of the El Quimbo hydroelectric project.
- Wrote technical reports about the efficiency of the restoration process in area of influence of the El Quimbo hydroelectric project.

Mammalogist

September 2014 – December 2017

Universidad Nacional de Colombia

Bogotá, Colombia

- Supported the teaching of diversity and mammal identification within classes, courses, events, and students associated with the mammalian collection.
- Identified and performed curatorship of mammalian specimens to be cataloged in natural history collections.
- Wrote scientific papers about mammals' diversity in Colombia.
- Wrote technical reports about conservation plans for endangered species of mammals in the Ambiental impact study of Hidro-Ituango hydroelectric.

TEACHING EXPERIENCE

Course instructor

October 2019

La Palmita Research Center and Foundation

Trinidad, Casanare, Colombia

Course instructor

October 2015

Universidad del Quindío

Armenia, Quindío, Colombia

Course instructor

October 2012

Universidad del Tolima

Ibagué, Tolima, Colombia

- Taught *Skills for the identification of the bat species in Colombia*, an undergraduate course averaging 30 students per occasion covering topics on taxonomy, identification, and preservation of bats specimens.

HONORS AND AWARDS

Fulbright-Minciencias Scholarship

2021

Awarded with the Fulbright-Minciencias Scholarship to conduct doctoral studies in United States beginning fall 2022.

M.Sc. Meritorious thesis

2018

Honor received for master thesis to demonstrate an original and significant contribution to knowledge of the mammalogy science in Colombia.

'Lasiurus' Award 2017

Best oral presentation in the II Latin-American Bat congress. San Salvador, El Salvador.

Student grant by Explorers Club 2014

Awarded with the Student Grant provided by The Explorers Club Fund to conduct bat inventories in Colombian Amazon.

PUBLICATIONS

Peer-reviewed journal articles (34 published):

Relevant publications

Ramírez-Chaves H. E., **Morales-Martínez D. M.**, Pérez W. A., Velásquez-Guarín D., Mejía-Fontecha I. Y., Ortiz-Giraldo M., Ossa-López P. A., Rivera Páez F. A. 2021. A new species of small *Eptesicus* Rafinesque (Chiroptera: Vespertilionidae) from northern South America. *Zootaxa* (3): 489-520. <https://doi.org/10.11646/zootaxa.5020.3.4>

Rodríguez-Posada M. E., **Morales-Martínez D. M.**, Ramírez-Chaves H. E., Martínez-Medina D., Calderón-Acevedo, C. A. 2021. A new species of Long-eared Brown Bat of the genus *Histiotus* (Chiroptera) and the revalidation of *Histiotus colombiae*. *Caldasia*, 43(2): 221-234. <https://doi.org/10.15446/caldasia.v43n2.85424>

Morales-Martínez D. M., López-Arévalo H. F., Vargas-Ramírez M. 2021. Beginning the quest: phylogenetic hypothesis and identification of evolutionary lineages in bats of the genus *Micronycteris* (Chiroptera, Phyllostomidae). *ZooKeys*, 1028: 135–159. <https://doi.org/10.3897/zookeys.1028.60955>

Morales-Martínez D. M., Rodríguez-Posada M. E., Ramírez-Chaves H. E. 2021. A new cryptic species of yellow-eared bat *Vampyressa melissa* species complex (Chiroptera: Phyllostomidae) from Colombia. *Journal of Mammalogy*, 102(1): 90–100. <https://doi.org/10.1093/jmammal/gyaa137>

Ramírez-Chaves H. E., Noguera-Urbano E. A., **Morales-Martínez D. M.**, Zurc D., Vargas-Arboleda A. F., Mantilla-Meluk H. 2020. Endemic bats (Mammalia: Chiroptera) of Colombia: State of knowledge, distribution, and conservation. *Universitas Scientiarum*, 25(1): 55–94. <https://doi.org/10.11144/Javeriana.SC25-1.ebm>

Book chapters (5 published), not shown.

PRESENTATIONS IN CONGRESS

100th Annual Meeting of the American Society of Mammalogist 2021

III Colombian congress of mammalogy. Bogotá. Colombia. 2018

V Colombian congress of zoology. Bogotá. Colombia. 2018

II Latin-American congress of bats. San Salvador, El Salvador.	2017
IV Colombian congress of zoology. Cartagena. Colombia.	2014
I Latin-American congress of bats. Quito. Ecuador.	2014
II Latin-American congress of mammalogy. Buenos Aires. Argentina.	2012

PROFESSIONAL TRAINING

Applied Biogeography

ECOTONOS foundation and Javeriana University, Cali, Colombia, 2016.

II Bat Course: Systematic, Ecology and Conservation

Centro de Ecología y Biodiversidad (CEBIO) and Royal Ontario Museum, Madre de Dios, Peru, 2014.

PROFESSIONAL SOCIETY MEMBERSHIP

American society

Colombian Mammalogists Society, 2018-Present

PROFESSIONAL SERVICE

Review Editor: Mammalogy Notes. **Reviewer:** CheckList, Mammalia, Caldasia, Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales, Biota Colombiana.

LANGUAGES

Spanish: Native Language

English: Advanced Reading and Listener, Intermediate Speaker and Writing.

COMPUTER SKILLS

Programming: R statistical language. **GIS:** ArcGIS, Qgis. **Image processing:** Photoshop.

Phylogenetics and Ecology: Beast, Beauti, BLAST, Component, Clustal, Muscle, Maxent, Mega, Mesquite, Modeltest, MrBayes, PartitionFinder, PopArt, RaxML, Tracer.