Andrés F. Ramírez-Mejía

PhD fellow at CONICET

Institute of Regional Ecology UNT-CONICET

+54 3816627944 | andresfeliper.mejia@gmail.com | andres-frm | felipe_arm_

I'm a biologist interested in using landscape and functional ecology and plant-animal interactions to study how spatial patterns modulate biological responses of mammals and pollinators. I'm very passionate about nature, data science, and R programming.

Education

Universidad Nacional de Tucumán — *Tucumán, Argentina*

PhD. Biological science — *2018-Present*

Pontificia Universidad Javeriana — *Bogotá, Colombia*

MSc. Conservation and Use of Biodiversity — *2015-2017*

Universidad de Caldas — *Manizales, Colombia*

BSc. Biologist — *2008-2014*

Awards and distinctions

- **2017** Academic merit award during studies of master degree, at the Pontificia Universidad Javeriana. Bogotá, Colombia.
- **2017** Graduated with honors CUM LAUDE. Master in Conservation and Use of Biodiversity at the Pontificia Universidad Javeriana. Pontificia Universidad Javeriana. Bogotá, Colombia
- **2017** Master degree thesis with honorary mention. Master in Conservation and Use of Biodiversity at the Pontificia Universidad Javeriana. Bogotá, Colombia.
- **2017** Doctoral fellowship granted by Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). Resolution N° 4122. Thesis: Interacciones planta-animal en cultivos de arándanos (*Vaccinium corymbosum*, Ericaceae) y efectos recíprocos con el bosque nativo de Yungas.

Research grants

François Vuilleumier Fund for Research on Neotropical Birds — *EEUU*

Awarded in 2018 by Neotropical Ornithological Society — *$1000 US*

- Servicios ecosistémicos provistos por picaflores (Trochilidae): la polinización del arándano en el noroeste de Argentina

Beca Aves Argentinas, de Apoyo a la Ornitología Argentina — *Argentina*

Awarded in 2020 by Aves Argentinas - Sociedad Ornitológica de la Plata — *$50000 ARS ($640 US)*

- Servicios ecosistémicos provistos por picaflores (Trochilidae): la polinización del arándano en el noroeste de Argentina

Teaching

Introduction to R programming — *Tucumán, Argentina*

Universidad Nacional de Tucumán, Facultad de Ciencias Naturales e Instituto Miguel Lillo — *2019*

- Offered to Biological Science students. Level: Undergraduate

Graduate courses

Ecological networks — *São Paulo, Brasil*

Universidad de São Paulo — *2020*

- Duration: 60h. Grade: Excellent

Pollination Ecology *Bariloche, Argentina*

Universidad Nacional del Comahue *2019*

- Duration: 60h. Grade: 100/100

13° International Pollination Course *Minas Gerais, Brasil*

Brazilian Network of Plant-Pollination Research (REBIPP) *2019*

- Duration: 98h. Grade: 100/100

Advanced statistical methods in ecology and evolution *Maldonado, Uruguay*

Facultad de Ciencias, Universidad de la República Uruguay *2019*

- Duration: 60h. Grade: 100/100

Advanced statistical models using programming language R *Córdoba Argentina*

Universidad Nacional de Córdoba *2018*

- Duration: 40h. Grade: 100/100

Internships

Laboratory of Palynology *Tucumán, Argentina*

Facultad de Ciencias Naturales e instituto Migue Lillo, Universidad Nacional de Tucumán *2018*

- Duration: 20h

Member of research groups (Colombia)

InQuiBio (Grupo integrado de investigaciones en química y biología) *Bogotá, Colombia*

Universidad Militar Nueva granada *Jan 2013-Dec 2015*

- Classification: A1.

Ecotonos (Grupo de ecología, conservación, taxonomía y sistemática) *Villavicencio, Colombia*

Universidad de los LLanos *Jan 2017-Present*

- Classification: C.

classification

Publications and oral presentations

Published articles

1. **Ramírez-Mejía A F**, Echeverry-Galvis M A, & Sánchez F. (2021). Activity and habitat use by understory birds in a native Andean forest and a eucalypt plantation . *Wilson Journal of Ornithology*. 132(3): 721-729. DOI: doi.org/10.1676/19-54
2. **Ramírez-Mejía A F**, Urbina-Cardona N, & Sánchez F. (2020) Functional diversity of phyllostomid bats in an urban-rural landscape: a scale-dependent analysis. *Biotropica*. 52(6): 1168-1182. DOI: doi.org/10.1111/btp.12816.
3. **Ramírez-Mejía A F**, & Sánchez F. (2016). Activity patterns and habitat use of mammals in an Andean forest and a Eucalyptus reforestation in Colombia. *Hystrix, the Italian Journal of Mammalogy*, 27(2): 104-110. DOI: doi.org/10.4404/hystrix-27.2-11319.
4. **Ramírez-Mejía A F**, & Sánchez F. (2015). Non-volant mammals in a protected area on the Central Andes of Colombia: new records for the Caldas department and the Chinchiná River basin. Check List, 11(2):1-6, Article 1582. DOI: dx.doi.org/10.15560/11.2.1582.

Under review

1. **Ramírez-Mejía A F**, Urbina-Cardona N, & Sánchez F. The interplay of spatial scale and landscape transformation moderates the abundance and intraspecific variation in the ecomorphological traits of a phyllostomid bat. *Journal of Tropical Ecology*, JTE-21-042.

In preparation

1. **Ramírez-Mejía A F**, Lomascolo S & Blendinger P. Hummingbirds, honeybees, and wild insect pollinators enhance fruit quality of blueberries depending on variety and farm's spatial context

Theses

PhD. 2018 - Present. Plant-animal interactions in crops and reciprocal effects with the Yungas forest. Thesis advisors: Pedro G. Blendinger, PhD; independent research CONICET, assistant professor UNT. Silvia Lomáscolo, PhD; assistant researcher CONICET.

MSc. 2017. Functional and taxonomic diversity, and seed dispersion by phyllostomid bats in an anthropogenic landscape: a scale-dependent analysis. Thesis advisors: Francisco Sánchez, PhD; Universidad de los Llanos, Colombia. J. Nicolás Urbina-Cardona, PhD; Pontificia Universidad Javeriana, Colombia.

BSc. 2014. Activity pattern, habitat use, and mammals richness in native and reforested forests at the Colombian Andes. Thesis advisor: Francisco Sánchez, PhD; Universidad Militar Nueva Granada, Cundinamarca, Colombia.

Oral Presentations

2014. *Activity and habitat use of soil forage mammals in an Andean forest and a Eucalyptus reforestation*. II Symposium of small carnivores. IV Colombian congres fo zoology. Cartagena, Colombia.

2014. *Species richness, use and traditional knowledge of mammals in the National Natural Park Los Nevados*. III Symposium of regional biology. Armenia, Colombia.

Languages

- Spanish: mother language.
- English: written (good), reading (good), spoken (acceptable).