

Manuel Arturo Quispe Lopez

manuel.artq@gmail.com
San Juan de Miraflores, Lima - Peru

EDUCATION

Universidad Nacional Agraria La Molina (UNALM)
Bachelor of Science, Biology major - Ecology Track

Lima, Peru
Mar. 2010 – Jul. 2019

Universidad Nacional Agraria La Molina (UNALM)
Specialization in Quality Management and Environmental Auditing

Lima, Perú
Apr. - Oct. 2021

WORK EXPERIENCE

Several Environmental Consulting Firms

Wildlife specialist in Environmental Consulting

Peru
Dec. 2019 – Present
Full time

- Evaluation and monitoring of terrestrial small mammals, medium and large mammals and volant mammals within the framework of Environmental Impact Assessments across most regions and ecosystems of Peru.
- *Data analyst:* Preparation of fauna sections for baseline and biological monitoring reports within the framework of Environmental Impact Assessments. Firms: Atkinsréalis Perú S.A., Klohn Crippen Berger S.A., Walsh Perú S.A., Insideo S.A.C., among others.

Centro de Ornitología y Biodiversidad - CORBIDI

Mammal analyst

Pucallpa, Peru
Mar. - Aug. 2021
Full time

- Conducted mammal survey and data analysis for the biological evaluation of the conservation forest plantation Agua Blanca of Bosques Amazónicos S.A.C.

Natural History Museum of Universidad Nacional Mayor de San Marcos

Research Intern. Advisor: Dr. Víctor Pacheco

Lima, Peru
Jan. - Dec. 2018
Part time

- Development of databases, species verification, processing, and labeling of mammalogical samples.

SELECTED RESEARCH EXPERIENCE

Centro de Ornitología y Biodiversidad - CORBIDI

Associate researcher in the mammalogy division

Lima, Peru
Jun. 2017 - Present
Part time

- Planning research projects, publishing scientific articles, obtaining permits and conducting fieldwork.

Principal investigator. Advisor: Mg. Javier Barrio

Feb. 2018 – Dec. 2019
Full time

- Led a survey of 'montane guinea pig' *Cavia tschudii* to study their population size, habitat selection and activity patterns in a coastal wetland

Private Conservation Area "Santuario de la Verónica"

Principal investigator. Advisor: Mg. Javier Barrio

Cusco, Peru
Aug. 2023 – Present
Full time

- Executed a survey of mammals to study their community composition and biological diversity in an inter-Andean valley ecosystem.

Universidad Nacional Agraria La Molina

Bachelor thesis student. Advisor: Mg. Sc. Liz Castañeda

San Martin, Peru
Apr. 2023 - Present
Full time

- I am currently in the process of writing the thesis manuscript on a survey of bats in three karstic caves in a montane forest to study their community composition and biological diversity.

PUBLICATIONS

Quispe-López, M.; Barreda, S.; Marcelo-Carranza, D.; Mejía, R.; Santana, C. & Ramirez D. (2022). Daily and lunar activity patterns of *Cavia tschudii* (Rodentia) in a tropical coastal wetland. *Mastozoología Neotropical*, 29(1). DOI: doi.org/10.31687/saremMN.22.29.1.11.e0631.

Quispe-López, M.; Barreda, S.; Marcelo-Carranza, D.; Pacheco, V.; Aponte, H. & Ramirez D. (2021). Relative abundance and habitat selection of the montane guinea pig *Cavia tschudii* in a wetland at coastal desert with comments on its predators. *Therya*, 12(3), 423-433. DOI: 10.12933/therya-21-1096.

Ramirez D.; **Quispe-López, M.** & Marcelo-Carranza, D. (2019). First report of albinism in the montane guinea pig *Cavia tschudii* (Mammalia: Rodentia). *Revista peruana de biología*, 26(4), 521-524. DOI: 10.15381/rpb.v26i4.17218.

SELECTED CONFERENCE PRESENTATIONS

Quispe-López, M.; Bonifaz, E.; Barreda, S.; Mena, J. L. (2024). Population size and roost fidelity of *Glossophaga valens* bats into an artificial roost. Oral presentation. IV Latin American and Caribbean Bat Congress. Cusco, Peru.

Quispe-López, M.; Barreda, S. (2018). Preliminary assessment of *Cavia tschudii* and *Akodon* sp. in Fire-Impacted Wetlands at 'Pantanos de Villa', Lima-Peru. Oral presentation. IV Peruvian Congress of Mammalogy. Cusco, Peru.

Quispe-López, M.; Barreda, S. (2018). Small Mammal Community in the Palestina cave and surroundings during dry Season, San Martín - Peru. Poster presentation. IV Peruvian Congress of Mammalogy. Cusco, Peru.

LEADERSHIP AND VOLUNTEERING EXPERIENCE

Member of Bat conservation program of Peru (PCMP-RELCOM). Feb. 2016. - Present
• Participated in activities of environmental education and bat conservation efforts.

Head coordinator of 'Ecología Molinera'. Faculty of Sciences, UNALM. Sep. 2017 – Aug. 2018
• Organization of research workshops and training courses for students.

Volunteer in the Department of Mammalogy at the Natural History Museum of Universidad Nacional Mayor de San Marcos - Mar. 2017 - Oct. 2019
• Assisted in the maintenance of the largest mammal collection of Peru.

TEACHING & MENTORSHIP EXPERIENCE

Mentor – Introduction to Field Techniques Course. Ecología Molinera, Faculty of Science, UNALM. Jan. 2018
• Guidance of new students in mammal sampling field techniques and ecological data analysis.

HONORS, AWARDS & GRANTS

Grant for conservation initiatives by Peruvian Society for Environmental Law (SPDA). Mar. 2023
• \$1500 grant to develop a research project on the conservation of mammals at Private Conservation Area 'Santuario de la Verónica', Cusco, Peru.

Grant for research project by Universidad Científica del Sur.	Feb. 2019
<ul style="list-style-type: none"> • \$4000 grant for studying small terrestrial mammal populations in a coastal wetland. 	
Award for the best poster presentation by Association of mammologist of Peru.	Nov. 2018
<ul style="list-style-type: none"> • 'Javier Ortiz de la Puente' award at the IV Peruvian Congress of Mammalogy, Cusco, Peru. 	

SCIENCE OUTREACH AND COMMUNICATION

<i>Speaker - Workshop on research and tourism of bat diversity in the Palestina Cave.</i> Municipality of Nueva Cajamarca, San Martin, Peru.	Nov. 2022
<i>Speaker - Daily activity patterns of the montane guinea pig (<i>Cavia tschudii</i>) in 'Pantanos de Villa' wetland.</i> SERNANP.	Aug. 2022
<i>Speaker - Cave, underground mystery.</i> Centennial lecture series of Natural History Museum of Universidad Nacional Mayor de San Marcos.	Oct. 2020

SKILLS

Computer skills: MS Office, R, Kaleidoscope, ArcGIS, QGIS, PAST, Google Earth Pro, Adobe Photoshop.

Additional training:

<ul style="list-style-type: none"> • 7 workshops on using Kaleidoscope Pro and Lite (how to use Bat Auto-ID, how to use simple and advanced classifiers, how to perform targeted search, among others). Wildlife Acoustics. 	Oct. 2024
<ul style="list-style-type: none"> • Deployment Techniques for Bat Detectors. Titley Scientific. 	Oct. 2024
<ul style="list-style-type: none"> • Neotropical Bat Acoustics. RELCOM. 	Aug. 2024
<ul style="list-style-type: none"> • Generalized linear models with R. Master X. 	Jan. 2024
<ul style="list-style-type: none"> • Course Modeling Fauna-Habitat Relationships in R. INECOL. 	Jun. - Jul. 2024
<ul style="list-style-type: none"> • Workshop: Camera Trapping in R - Diversity analysis. Benemérita Universidad Autónoma de Puebla - Master's in Biological Sciences, México. 	May - Jun. 2021
<ul style="list-style-type: none"> • Workshop: Camera Trapping in R - Occupancy Models. Benemérita Universidad Autónoma de Puebla - Master's in Biological Sciences, México. 	Sep. - Oct. 2020
<ul style="list-style-type: none"> • Introduction to Telemetry and Ecology of Large Mammals. Instituto Nacional de Biodiversidad (INABIO), Ecuador. 	May 2020
<ul style="list-style-type: none"> • Programming and data science using R. College of biologist of Peru, Peru. 	Oct. - Nov. 2019
<ul style="list-style-type: none"> • Theoretical-practical course: Introduction to Bat Bioacoustics. Center for Sustainable Biodiversity Research (BiOS), Peru. 	Apr. 2018
<ul style="list-style-type: none"> • Ecological Niche Modeling: A Tool for Conservation. Association of Mammalogists of Peru 	Apr. 2018

LANGUAGES

Spanish: Native speaker.

English: Proficient.