



Alejandro Manuel Ferreiro

PHD CANDIDATE

Institute of Animal Diversity and Ecology (IDEA)

✉ aleferreiro7@gmail.com | 🌐 aleferreiro.netlify.app | ☎ 0000-0002-0921-6137 | 📧 aleferreiro | 🌐
alejandro-manuel-ferreiro-431aa4b0 | 🐦 aleferreiro1

Education

PhD. Candidate, Biological Sciences

Córdoba, Argentina

NATIONAL UNIVERSITY OF CÓRDOBA

2017-Present

- Title: Phylogeography and species distribution models to define Conservation Units of the southern three-banded armadillo (*Tolypeutes matacus*) in Argentina. Manuscript on review.

Biologist

Córdoba, Argentina

NATIONAL UNIVERSITY OF CÓRDOBA

2008-2014

- Title: Molecular phylogeny of the Euphractinae subfamily (Xenarthra). GPA 8.25/10

Journal Publications

Multiple refugia and glacial expansions in the Tucumane-Bolivian Yungas: The phylogeography and potential distribution modeling of *Calomys fecundus* (Thomas, 1926) (Rodentia: Cricetidae)

2020

10.1111/JZS.12375

Journal of Zoological Systematics and Evolutionary Research

Phylogeography of screaming hairy armadillo *Chaetophractus vellerosus*: Successive disjunctions and extinctions due to cyclical climatic changes in southern South America

2018

10.1371/JOURNAL.PONE.0190944

PLoS ONE

Other Publications

- Ferreiro, A. M., Abba, A. M., Camino, M., Tamburini, D. M., Decarre, J., Soibelzon, E., Castro, L. B., Rogel, T. G., Agüero, A. J., Albrecht, C. D., & Superina, M. (2019). *Tolypeutes matacus*. In *Categorización 2019 de los mamíferos de argentina según su riesgo de extinción. Lista roja de los mamíferos de argentina. Versión digital*. SAYDS-SAREM (eds.). <http://cma.sarem.org.ar>
- Abba, A. M., Camino, M., Torres, R. M., Ferreiro, A. M., Tamburini, D. M., Decarre, J., Soibelzon, E., Castro, L. B., Rogel, T. G., Agüero, A. J., Albrecht, C. D., & Superina, M. (2019). *Chaetophractus vellerosus*. In *Categorización 2019 de los mamíferos de argentina según su riesgo de extinción. Lista roja de los mamíferos de argentina. Versión digital*. SAYDS-SAREM (eds.).

Awards, Scholarships, Fellowships and Funding

PICT project

Research Fellow

FUND FOR SCIENTIFIC AND TECHNOLOGICAL RESEARCH (FONCYT, ARGENTINA).

2022-2023

- Title: Biodiversity richness of non-flying mammals from central Argentina (La Pampa): changes in their distribution, dispersal pathways and extinctions during the Holocene. Project Leader: Esteban Soibelzon.

PICT project

Research Fellow

FUND FOR SCIENTIFIC AND TECHNOLOGICAL RESEARCH (FONCYT, ARGENTINA)

2021-2022

- Title: Evolutionary processes in mammals from the plains of Chaco, Espinal and the Pampean region: an approach from comparative phylogeography and ecological niche modeling. Project Leader: Raúl González Ittig.

IDEA WILD funding

Project leader

IDEA WILD FOUNDATION.

2019

- Title: Conservation of Southern three-banded Armadillo on its southernmost distribution range.

SAREM Awards 2018

Project leader

ARGENTINEAN SOCIETY FOR THE STUDY OF MAMMALS (SAREM).

2018

- Title: Phylogeography and species distribution modelling to define Conservation Units for the southern three-banded armadillo (*Tolypeutes matacus*).

PICT project

Research Fellow

FUND FOR SCIENTIFIC AND TECHNOLOGICAL RESEARCH (FONCYT, ARGENTINA). RESEARCH LEADER: ESTEBAN SOIBELZON.

2017-2019

- Title: Distribution areas and dispersal routes of medium and small mammals during the Quaternary. The Arid South American Diagonal. Project leader: Esteban Soibelzon.

SECyT project

Research Fellow

NATIONAL UNIVERSITY OF CÓRDOBA (ARGENTINA)

2016-2017

- Title: Molecular systematics and phylogeography of mammals from southern South America: A study with epidemiological and conservation implications. Project leader: Marina Beatriz Chiappero.

PhD Fellowship

Fellow

CONICET (ARGENTINA)

2016-2022

- Title: Phylogeography and species distribution modelling to define Conservation Units for the southern three-banded armadillo (*Tolypeutes matacus*). Tutors: Marina Beatriz Chiappero and Esteban Soibelzon.

Undergraduate scholarship ("Estimulo a las Vocaciones Científicas")

Scholarship

INTERUNIVERSITARY COUNCIL (CIN) (ARGENTINA)

2013-2014

- Title: Molecular phylogeny of the Euphractinae subfamily (Xenarthra, Mammalia). Tutors: Sebastian Poljak and Raúl González Ittig.

Courses taken

R101

Online course.

WWW.COGNITIVECLASS.AI

September 24th, 2021.

- Scoreless.

ENM 2020: Advanced course in Ecological Niche Modeling.

Online course.

UNIVERSITY OF KANSAS (KU)

From January to November, 2020.

- Scoreless.

Cladistics, phylosophy, theory and methods.

Online course.

FEDERAL UNIVERSITY OF PARANÁ, BRAZIL.

July 6th-17th, 2020

- Score: B

Statistics

Córdoba, Argentina

NATIONAL UNIVERSITY OF CÓRDOBA, ARGENTINA.

October 29th to November 2nd, 2020

- Score: 9/10

Theoretical-practical advanced course in modeling of species niches, an approach to correlative and process-based models.

Tucumán, Argentina

NATIONAL UNIVERSITY OF TUCUMÁN, ARGENTINA.

October 21th-25th, 2019

- Score: 10/10

Extending and Enhancing DNA Barcoding Research in Argentina and Neighboring Countries: Tenth Leading Labs Training Workshop.

Buenos Aires, Argentina

ARGENTINEAN MUSEUM OF NATURAL SCIENCES "BERNARDINO RIVADAVIA", ARGENTINA.

September 17th-21th, 2018

- Scoreless.

IUCN Red List Assesment modules.

Online course.

WWW.CONSERVATIONTRAINING.ORG

Finished on March 15th, 2018.

- Scoreless.

Niche and distribution modeling, with an emphasis on the use of MAXENT

Tucumán, Argentina

NATIONAL UNIVERSITY OF TUCUMÁN, ARGENTINA.

July 10th-15th, 2017

- Score: 7/10

XI Conservation Genetics Workshop

Misiones, Argentina

RED DE GENÉTICA PARA LA CONSERVACIÓN (ReGENEC) AND THE NATIONAL UNIVERSITY OF MISIONES, ARGENTINA.

From January 29th to February 12th,

2017.

- Puntaje: 83/100

Genetic data analysis with R

UNIVERSITY OF BUENOS AIRES, ARGENTINA.

- Length: 60 hs. Score: 9/10.

Conservation Biology

NATIONAL UNIVERSITY OF CUYO, ARGENTINA

- Duración: 45 hs. Puntaje: 9/10.

Introducción a la filogeografía y el modelado de nicho.

FCEFYN, UNC.

- Duración: 45 hs. Puntaje: 10/10.

Análisis de la estructura genética de las poblaciones naturales.

FCEFYN, UNC.

- Duración: 45 hs. Puntaje: 10/10.

Estimación de tiempos de divergencia.

I REUNIÓN ARGENTINA DE BIOLOGÍA EVOLUTIVA (RABE).

- Duración: 3 hs. Sin puntaje.

Árboles de especies en un context coalescente.

I REUNIÓN ARGENTINA DE BIOLOGÍA EVOLUTIVA (RABE).

- Duración: 3 hs. Sin puntaje

Curso Introductorio a SIG Y Teledetección.

UNC.

- Duración: 10 hs. Sin puntaje.

Biotecnología.

FACULTAD DE CIENCIAS QUÍMICAS, UNC.

- Duración: 40 hs. Puntaje: 8/10.

Buenos Aires, Argentina.
From October 24th to November 2nd,
2016.

Mendoza, Argentina
September 9th-14th, 2016.

22-26 de Agosto de 2016.

6-10 de Junio de 2016.

6 de Julio 2015.

6 de Julio 2015.

26-27 de Junio de 2015.

Desde Marzo a Junio de 2013.