

Romeo Rojas-Estrada

Biologist

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Nationality: Bolivian

Date birth: 02.27.1988

Languages: Spanish (mother tongue)
English

Education (summary)

2016 San Simon State University, **Degree in Biology**

2018 San Simon State University, Escuela Universitaria de Posgrado, Centro de Levantamientos Aeroespaciales y Aplicaciones SIG para el Desarrollo Sostenible de los Recursos Naturales (CLAS), **Master of Science in Geo Information and Earth Observation**

2018 San Simon State University, Escuela Universitaria de Posgrado, Dirección de Formación Continua de Grado y Posgrado, **Diploma in Environmental Management.**

Research areas

Population ecology, Plant-animal interactions, Conservation Biology

Publications

2020 **Rojas-Estrada R.**, L. F. Aguirre, and F. Navarro Antezana. 2020. Rango de hogar del ratón *Phyllotis osilae* en fragmentos de bosque de *Polylepis subтусalbida* con diferente matriz de hábitat. *Therya* 11(3): 398-406.

Current work

2024 - present Conservation Program Assistant at Asociación Civil Armonía

Previous work or professional experience

2023 – 2024 Co-coordinator of the Red-fronted Macaw Conservation Program and Project Manager for Illegal Wildlife Trade (IWT) at Asociación Civil Armonía



2022 – 2023 Assistant Coordinator of the Red-fronted Macaw Conservation Program at Asociación Civil Armonía

2021 - 2022 Head of the Mastozoology Area of the Alcide d'Orbigny Museum of Natural History in the city of Cochabamba, Bolivia.

2016 - 2022 Research Associate at the Alcide d'Orbigny Museum of Natural History in the city of Cochabamba, Bolivia.

2021 Diver in the Project "Integrated Management of Water Resources in the Titicaca, Desaguadero, Poopó and Salar de Coipasa System (TDPS)" financed by the United Nations Development Program (UNDP) where a characterization of underwater habitats, diagnosis of threats and genetic evaluation of the population status of the giant frog *Telmatobius culeus* of Lake Titicaca and its surroundings was developed through the technique of transects with snorkel.

2020 GIS Specialist in the Integrated Management of Water Resources in the Titicaca System, Desaguadero, Poopó and Salar de Coipasa (TDPS) Project" financed by the United Nations Development Program (UNDP) where a characterization of underwater habitats, diagnosis of threats and genetic evaluation of the population status of the giant frog *Telmatobius culeus* of Lake Titicaca and its surroundings was developed through the technique of transects with snorkel.

2020 Consultant for the Development of Mammal Rescue Plans for the Ivirizu Hydroelectric Project's Electric Transmission Line (ENDE Transmisión).

2017 – 2018, Environmental Inspector for the Autonomous Municipal Government of Cochabamba (Environmental and Engineering Consultants - CAPTUM S.R.L.).

2017, Consultant for the evaluation of wild fauna and elaboration of a rescue and frightening plan for the Hydroelectric Project "Banda Azul" (INYPESA Reports and Projects S.A.).

2016 – 2017, Atmospheric Brigader for the Autonomous Municipal Government of Cochabamba (Environmental and Engineering Consultants - CAPTUM S.R.L.).

2013 – 2014, Research assistant in the Area of Evolutionary Ecology at the Centre of Biodiversity and Genetics (Centro de Biodiversidad y Genética) of the San Simon State University

2012 – 2013, Participation in the project "Use of Habitat of the Insectivorous Aerial Bats of the City of Cochabamba".

2010, Ad-honorem Assistant in the area of mammalogy at the Centre of Biodiversity and Genetics (Centro de Biodiversidad y Genética) of the San Simon State University.

Member of scientific societies

Bolivian Network of Mastozoology (RBM)

Teaching

2018 Instructor of the "Curso Inicial de Sistema de Información Geográfica (SIG)" at the Museo Natural Alcide d'Orbigny, Cochabamba - Bolivia.

Funded Projects

2020 1st Rufford Small Grant by the Rufford Foundation with the project "Home Range of the endangered Shorth-tailed chinchilla in Bolivia, discovering part of its natural history".

2023 Play for Nature with the project "Paraba Frente Roja futsal championship – playing to support its conservation"

Courses – Workshops – Seminars

2022 International Course "2022 Population Genomics and RAD-Seq", was given from July 16 to 25, by Professors Kevin G. McCracken PhD. and Jeffrey L. Peters PhD. in Sucre - Bolivia.

2022 Workshop on Wildlife Passes on Bolivian Highways, was held from February 22 to 24 with a total of 12 academic hours.

2020 International Distance Learning Course "Identification of neotropical cats in camera trap images", was held from June 25 to 26 with a total of 5.3 academic hours.

2020 Course "Using the UN Biodiversity Lab to Support National Conservation and Sustainable Development Goals", was given on March 24 and 31 and April 7, by Professors Amber McCullum and Juan Torres-Perez.

2019 Workshop "Academic Social Networks and Bibliography Management (ZOTERO)", was held from July 15 to 19 with a load of 8 academic hours, by Prof. Frédéric Brodtkom PhD. in Cochabamba - Bolivia.

2019 Workshop "Introduction to the Methodology of Scientific Documentary Search", was dictated from July 15 to 19 with an hourly load of 8 academic hours, by Prof. Frédéric Brodtkom PhD. in Cochabamba - Bolivia.

2019 Course "Management of Mastozoological Scientific Collections", was dictated from June 12 to 14 with an academic load of 24 hours, by Mónica Díaz PhD., Rubén Barquez PhD., MSc. Isabel Moya and Adriana Rico PhD. in La Paz - Bolivia.

2018 Pre-congress course "Introducción a la ocupación como herramienta para el monitoreo de poblaciones de osos andino" was given on July 9th with a load of 8 academic hours, taught by Robert Marquéz PhD in La Paz – Bolivia.

2018 Theoretical and practical training workshop "Promoción de tecnologías limpias y cumplimiento de la legislación ambiental" was given on May 4th with a load of 3 academic hours in Cochabamba – Bolivia.

2017 Course – workshop "Regiments, control y monitoreo ambiental de actividades, obras y proyectos" was given from October 3rd to 5th with a load of 16 academic hours in Cochabamba – Bolivia.

2017 Capacity on "Uso adecuado medidores de sonido", was given on November 24th, 2017 and March 16th, 2018 dictated by Hans R. Fernandez R. in Cochabamba – Bolivia.

2017 Environmental Seminar “Desafío, iniciáticas de gestión y administración de recursos naturales” was given on March 27th with a load of 6 academic hours in Cochabamba – Bolivia.

2015 Course “Dimensiones Humanas de la vida silvestre: Como entender, involucrar e influenciar a la gente en beneficio de la naturaleza y la sociedad” was given from May 16th to 17th with a load of 16 academic hours, taught by Silvio Marchini PhD in Sucre – Bolivia.

2014 Training course in “Control y manejo de murciélagos vampiro y la rabia silvestre”, was given from November 10th to 13th with a practical theoretical load of 32 academic hours, taught by Monica Diaz PhD in La Paz – Bolivia.

2014 International workshop in “Muestreo de roedores y toma de muestras clínicas para estudios virológicos” was given from September 9th to 13th with a practical theoretical load of 24 academic hours, taught by James Mills PhD and Claudia Guezala PhD. in Cochabamba – Bolivia.

2014 Theoretical and practical course “Nicho ecológico y modelamiento de la distribución de especies como herramientas en conservación” was given from Jun 16th to 20th taught by MSc. Francisco Peña in Cochabamba – Bolivia.

2014 Pre-congress course “Ecología y sistemática de murciélagos: Bases de diseño y métodos de estudio” was given from May 28th to Jun 3rd with a practical theoretical load of 56 academic hours in Santa Cruz – Bolivia.

2013 Course “Ecología y evolución de roedores sudamericanos” was given from October 28th to November 1st with a practical theoretical load of 40 academic hours, taught by Jorge Salazar PhD. in La Paz – Bolivia.

2013 Course “Bio-telemetría para usuarios avanzados” was given from October 21st to 25th, taught by Stanley M. Tomkiewicz in Puerto Iguazu, Misiones – Argentina.

2012 Course “Diseño de estudios en biología de la conservación, ecología y campos afines” was given from October 1st to 14th with a load of 200 academic hours, taught by Peter Feinsinger PhD. in Santa Cruz – Bolivia.

2011 Course “Bases para la investigación y conservación de los murciélagos de Latinoamérica” was given from August 26th to 30th with a theoretical load of 8 academic hours and practical 26 academic hours, taught by Red Latinomericana para la Conservación de Murciélagos (RELCOM) in Cochabamba – Bolivia.

2011 Theoretical and practical course “Técnicas estadísticas para Biólogos” was given from August 1st to 5th with a load of 30 academic hours, taught by Lic. Jose Carlos Pérez Zubieta in Cochabamba – Bolivia.

2011 Post-congress course “Bases para evaluación de mamíferos de Bolivia” was given from May 21st to 24th with a load theoretical of 36 academic hours and practical load of 12 academic hours in La Paz – Bolivia.

2009 Conference cycle “Viernes de ciencia en biología” was given from September to December with a load of 20 academic hours in Cochabamba – Bolivia.

Congress

2018 Rojas-Estrada R., L.F. Aguirre and F. Navarro. Home range of *Phyllotis osilae* in kewiña (*Polylepis subtusalbida*) forest fragments surrounded by different matrix types in Tunari National Park, Cochabamba - Bolivia. Oral presenter at the "IV Latin American Congress - VIII Bolivian Congress of Mastozoology" held July 10-13 in La Paz - Bolivia.

2018 Rojas-Estrada R., G.R. Garrido and O.S. Prado. Municipal conservation potential of medium and large mammals in a montane forest of Cochabamba - Bolivia. Poster presenter at the "IV Latin American Congress - VIII Bolivian Congress of Mastozoology" that took place from July 10 to 13 in La Paz - Bolivia.

2017 Assistant at the "II Jornadas de Etnobiología" that took place from 4 to 6 September in Cochabamba - Bolivia.

2017 Organizing committee in the "IX Congreso de ornitología y conservación de aves de Bolivia" that took place from 17 to 21 May in Cochabamba - Bolivia.

2016 Rojas-Estrada R., L.F. Aguirre and F. Navarro. Home range of *Phyllotis osilae* in kewiña (*Polylepis subtusalbida*) forest fragments surrounded by different matrix types in Tunari National Park, Cochabamba - Bolivia. Oral presenter at the "IV international congress on ecology and conservation of Polylepis forests" that took place from 5 to 9 September in San Salvador de Jujuy - Argentina.

2015 Rojas-Estrada R., L.F. Aguirre and F. Navarro. Home range of *Phyllotis osilae* in kewiña (*Polylepis subtusalbida*) forest fragments surrounded by different matrix types in Tunari National Park, Cochabamba - Bolivia. Oral presenter at the "VII Congress of Mastozoology in Bolivia" that took place from May 13 to 15 in Sucre - Bolivia.

2011 Mejía-Zeballos P.A., J. Martínez-Vera, S. Avilés-Bustamante, **R. Rojas-Estrada**, M. Peñaranda-del Carpio, K. Barboza-Márquez and L.F. Aguirre. Ectoparasites of bats in a Bolivian savanna. Poster presenter at the "V Congress of Mastozoology in Bolivia" that took place from May 18 to 20 in La Paz - Bolivia.

2011 Mejía-Zeballos P.A., J.C Pérez-Zubieta, K. Barboza-Márquez, **R. Rojas-Estrada**, S. Avilés-Bustamante, and L.F. Aguirre. Associations of bats with ectoparasites presenting different life cycles and body plan in the wildlife refuge Espiritu, Beni. Assistant at the "Third Bolivian Congress of Ecology" that took place from November 16 to 18 in Sucre - Bolivia.

2009 Assistant at the "Fourth Congress of Mastozoology in Bolivia" that took place from August 3 to 5 in Cochabamba - Bolivia.