

Rodrigo Villalobos Aguirre

Doctor in Veterinary Medicine

Mammals and Carnivore Section, Flora y Fauna Consultants. Galvarino Gallardo
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PERSONAL DATA

Name : Rodrigo Antonio Villalobos Aguirre
Nationality : Chilean
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EDUCATION

Professional Title (Degree)

Doctor in Veterinary Medicine, University of Chile. July 2008.

Undergraduate theses: "Predatory habits of pumas (*Puma concolor*) and its impact on livestock in Parinacota Province, Región de Arica y Parinacota, Chile"

University Education

Faculty of Veterinary Sciences, University of Chile, Santiago 2000-2004.

WORK EXPERIENCE

- **Main researcher.** Project "Conservation and evaluation of Andean Cat (*Leopardus jacobita*) population in an area of Lauca National Park". Project funded by Small Cat Action Fund (SCAF) PANTHERA. June 2010 to date
- **Researcher.** Flora y Fauna Chile Ltda. Development and analysis of environmental projects, field-researcher. January 2010 to date.
- **Field Researcher.** Project "Canid population monitoring in Salar de Punta Negra and influence area of Minera Escondida Ltda". High Andean region, Antofagasta Region, Chile. Captures, population monitoring and diet analysis of *Lycalopex culpaeus*. Population ecology monitoring of *Lycalopex culpaeus* prey and mitigation measures on the *Phoenicoparrus andinus* predation. November 2008 to date.
- **Researcher and field coordinator.** Conservation measures for Rosenmann lizard (*Liolaemus rosenmanni*). Environmental Assessment Impact for Lobo-Marte mining project, Atacama Region, Chile. March to April 2010.
- **Field researcher.** Baseline for fauna. Environmental Assessment Impact for Lobo-Marte mining Project, Atacama Region, Chile. Carnivore monitoring, trapping of small mammals and capture of wild camelids. March 2010 to date.
- **Field Researcher.** Mammal monitoring in the Andean mountain range of Antofagasta region, Chile. Baseline for Environmental Assessment Impact of the project "Geotérmica Geisers del Tatio". March 2009 to date.

- **Field Researcher.** Andean mountain range in north-central Chile for the project "Ecology and conservation of the Andean cat (*Leopardus jacobita*) in Chile". Funded by Wildlife Conservation Network (WCN). February 2004 to date.
- **Field Researcher.** Carnivore population evaluation (*Lycalopex culpaeus* and *Puma concolor*) for the project "Environmental baseline in Cape Froward, Brunswik Peninsula, Magallanes Region, Chile". Funded by Ministerio de Bienes Nacionales, Chilean Government. December 2007
- **Field Researcher.** Project "Analysis of culpeo fox (*Lycalopex culpaeus*) predation impact on sheep in Aysen Region". Funded by Servicio Agrícola y Ganadero (SAG) XI Region. November 2007.
- **Assistant professor.** "Sampling techniques and wildlife monitoring" Theoretical-practical course about Chilean wildlife for employees of the National Agricultural and Livestock Service (Servicio Agrícola Ganadero, SAG). Lectures about "Use of camera traps for the monitoring of carnivore mammals". September 2007.
- **Main Researcher.** For the project "Diagnostic of the population status of puma (*Puma concolor*) and its relationship with livestock raising in altiplano of Tarapacá Region, Chile. Project granted to University of Chile, Faculty of Veterinary Sciences, by Servicio Agrícola y Ganadero (SAG). November 2005 to December 2006.
- **Field Assistant.** In Salar del Surire area, for the project "Ecology and conservation of Andean Cat (*Leopardus jacobita*) and ColoColo cat (*Leopardus colocolo*) in Altiplano of Northern Chile. January to February 2004.

PUBLICATIONS

Lucherini M, JI Repucci, RS Walker, ML Villalba, A Wurstten, G Gallardo, A Iriarte, **R Villalobos** & P Perovic. 2009. Activity pattern segregation of carnivores in the high Andes. *Journal of Mammalogy* 90(6): 1404-1409.

WORKSHOPS

- **V International workshop for Andean cat (*Leopardus jacobita*) conservation**, sponsored by Wildlife Conservation Network (WCN). April 9-12 2008, Arequipa, Perú.
- **Third Binational Ecology Meeting**. La Serena, Chile. September 30 to October 4th 2007. Poster Session. "Carnivore community diversity assessment using camera-traps and olfactory attractor in Chilean altiplano"
- **Workshop for the elaboration of a Conservation National Plan for taruca (*Hippocamelus antisensis*)**, Corporación Nacional Forestal (CONAF) Tarapacá. Arica, October 26, 27. 2006.
- **IV International workshop for Andean cat (*Leopardus jacobita*) conservation**, sponsored by Wildlife Conservation Network (WCN). April 4-8 2008, La Paz, Bolivia.
- **1st University Meeting in Conservation and Wildlife Management**, University of Chile. Santiago, Chile. November 2000.

LANGUAGES

English (fluent reader, medium level writer and speaker)

French (colloquial speaker and reader)

Spanish (native language).

SOFTWARE MANAGEMENT

- **Word Processors and Electronic Tables:** Microsoft Office (Word, Excel, and PowerPoint).
- **Graphic Software:** Microsoft Excel, Adobe Photoshop.
- **GIS:** ArcView 3.2, Google Earth Pro.
- **Statistical Software:** SPSS.
- **References software:** EndNote

OTHER SKILLS

- **Sampling collection.** Blood, feces, tissue, etc. in reptiles, birds and mammals
- **Post mortem examination.** Wildlife, determination of death causes, focusing on predation signals and predator determination.
- **Use of capture techniques.** Sherman and Tomahawk traps management. Mainly focused on small mammals, reptiles and carnivores. Chemical immobilization of carnivores and others mammals, Telinject ® equipment, handling procedures.
- **Use of non-Invasive methods.** Camera traps, mainly for mammal monitoring. Feces localization and collection, especially in difficult cases such as felids. Fecal Diet analysis. Tracks identification and follow-up.
- **Surveys.** Elaboration, analysis and use of social surveys in local communities, focused on human attitudes towards carnivore species.

REFERENCES

- Mr. Agustin Iriarte Walton. Head of Biodiversity Foundation. Galvarino Gallardo 1552, Providencia, Santiago de Chile. Email: iriagustin@gmail.com.
- Mr. Benito A. González. Wildlife Ecology Lab, Faculty of Forestry Sciences, University of Chile. Santa Rosa 11315 – La Pintana, Santiago de Chile. Email: bengonza@uchile.cl.