

## The Rufford Foundation

### Final Report

---

Congratulations on the completion of your project that was supported by The Rufford Foundation.

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. The Final Report must be sent in **word format** and not PDF format or any other format. We understand that projects often do not follow the predicted course but knowledge of your experiences is valuable to us and others who may be undertaking similar work. Please be as honest as you can in answering the questions – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Please complete the form in English and be as clear and concise as you can. Please note that the information may be edited for clarity. We will ask for further information if required. If you have any other materials produced by the project, particularly a few relevant photographs, please send these to us separately.

Please submit your final report to [jane@rufford.org](mailto:jane@rufford.org).

Thank you for your help.

**Josh Cole, Grants Director**

---

Grant Recipient Details	
<b>Your name</b>	Jorge Mario Becoche Mosquera
<b>Project title</b>	Registering the presence of Andean Bear ( <i>Tremarctos ornatus</i> ) in an Andean forest on The western slopes of the central cordillera, Totoró-Cauca, Colombia.
<b>RSG reference</b>	20089-1
<b>Reporting period</b>	Final report
<b>Amount of grant</b>	£5000
<b>Your email address</b>	jbecoche@unicauca.edu.co
<b>Date of this report</b>	04/10/2017

**1. Please indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.**

Objective	Not achieved	Partially achieved	Fully achieved	Comments
To evaluate the conservation status of Andean Bear and incentive the conservation of its habitat.				This is the general to long-term objective that we will intent to do with the Andean bear in this place. We achieve the first registers for our monitoring, motivate the rural community of Gabriel Lopez to protect the Andean bear and include the regional environmental authority (CRC) to incentive the conservation of the specie. The community proposed us to initiate the process of declaring a natural reserve in the area.
Registering the presence and abundance of the Andean bear.				We registered three individuals of Andean bear including a juvenile, we are continuing the activities of register the Andean Bear with 18 camera traps. Also, we register another species of wild mammals like <i>Mazama rufina</i> , <i>Leopardus pardalis</i> , <i>Condeou rufescens</i> , <i>Nasua</i> sp and <i>Dasypus novemcinctus</i> .
Realize workshops for conservation of Andean Bear with the rural community of Gabriel López				We did five workshops including to the Educative Institution 'Jose Chaux Villamil' exposing general characteristics of Andean bear and activities that they can do to protect the species. Also, we exchange knowledge about the specie, describing the potential areas where Andean bear lives, the threats and some opportunities to protect the specie in the region

**2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).**

We didn't have any problem during the project. The rural community were very cooperative and motivated about the project. They supported us with information about Andean bear and the habitat associated, also, they let us to put some

cameras traps inside the forest in their farms. Maybe the only difficulty, was the extreme environmental conditions (rain) in the paramo ecosystem that it delayed the field work

**3. Briefly describe the three most important outcomes of your project.**

- We have evidence about the presence of the Andean bear and take information about their habitat; also, we found records of another wild mammals.
- We motivated to rural communities about the protection and conservation of the Andean bear and his habitat.
- We include an important actor like the regional environmental authority (CRC) in the conservation of the species.

**4. Briefly describe the involvement of local communities and how they have benefitted from the project (if relevant).**

We involve the rural community to showing the importance of the ecosystems where they live, they learned about the species of mammals that live in their territory, conservation methods including the habitat restoration and monitoring of species with camera traps.

**5. Are there any plans to continue this work?**

We want to establish this area as natural reserves with appropriation and management of rural community of Gabriel Lopez. Also, we will expect to finish characterising the biodiversity that live in this ecosystem.

**6. How do you plan to share the results of your work with others?**

We are designing a scientific publication about the big and middle-size mammals. We're going to do a publicity video showing the species records with the common and scientific name.

**7. Timescale: Over what period was The Rufford Foundation grant used? How does this compare to the anticipated or actual length of the project?**

The Rufford Foundation grant was used since October of 2016 until September 2017. Fortunately, despite some difficulties whit the field trips for the climatic conditions, we accomplished our principal objective in the times established.

**8. Budget: Please provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used.**

Item	Budgeted Amount	Actual Amount	Difference	Comments
18 Camera traps Bushnell 12 MP Trophy Cam Essential	2587	2612	+25	We bought trap cameras, rechargeable batteries, memory cards and were paid taxes
2 Bushnell H2O Waterproof/ Fog proof Roof Prism Binocular	206	206	0	
1 Garmin eTrex 20 Worldwide Handheld GPS Navigator	103	115	+12	We bought the GPS and paid taxes
1 Canon PowerShot SX60 HS Digital Camera (Black)	412	405	-7	We bought the camera and paid taxes
Materials for the register of traces in the field	46	40	-6	We bought the materials for the register of traces in the field
Lodging (4 people-8 times/10 days)	413	376	-37	The price was renegotiated
Feeding (4 people-8 times/10 days)	672	672	0	
1 local field guides (8 times/10 days)	205	218	+13	Two field guides were hired
Transport to study area (8 times(coming and going)	356	356	0	

The exchange rate average during the project was 1 pound sterling = 3700 Colombian pesos.

#### 9. Looking ahead, what do you feel are the important next steps?

- Firstly, empower the community about conservation projects.
- Delimitate conservation areas for Andean bear.
- Promote the ecological restoration in disturbed areas of strategical ecosystems.

#### 10. Did you use The Rufford Foundation logo in any materials produced in relation to this project? Did The Rufford Foundation receive any publicity during the course of your work?

We placed the Rufford Foundation logo in the presentations (slides) like the supporting organization.

Also, we placed the logo on a billboard with information about the relation between the community and the conservation of Andean bear.

**11. Please provide a full list of all the members of your team and briefly what was their role in the project.**

- Jorge Mario Becoche Mosquera as director of project, managing each of the activities, recollecting and systematized information of field.
- Gustavo Adolfo Pisso Florez as co-researcher, working with the community and supporting the field work.
- Adriana Collazos as co-researcher, working in the field work recollecting information about habitat use of Andean bear

**12. Any other comments?**

The possibility to have your financial support was amazing because we could articulate our knowledge with those of the community doing workshops and field walks. But also is important emphasise that we achieved the support of regional environmental authority (CRC) who is the responsible for the management and conservation of the natural resources of the area.