

## Project Update: August 2013



### Goals completed this month:

*Statistical analysis of data obtained during the field work at Churumbelos National Park (ES: Serranía de los Churumbelos)*

*Update Mini-guide for the Churumbelos National Park with more recent photographic records.*

*Plan and execute fieldwork at Tatacoa Natural National Park, located in Santuario City, Department of Risaralda, Colombia.*

During this month, Churumbelos National Park's filed samples have been analysed under statistical and lab test studies. Positive results for the protocol implementation were achieved.

Research permits were prepared and obtained for four additional parks, Cocuy, Tamá, Utria and Bremen Reserve. Permits for national park still under review by the Colombian Ministry of Interior and Justice and the designated national parks' contracting officer.



What is next? We are currently planning visits and sampling on two separate field works, The Bremen Natural Reserve and Utria National Park and Cocuy and Tamá National Parks. Tuparro PNN visits are still pending upon park' authorisation and project endorsement.

Field work

Locality:

Tatamá Natural National Park,

Santuario city,

Risaralda Department.

### **Sampled landscapes**



Researchers were able to obtain data from a variety of aquatic environments such as streams, rivers, large and small waterfalls, ponds. This park showed a high quality and variety of environments, making it an appropriate place and role model for the realisation of the protocol in the country.

## With the people



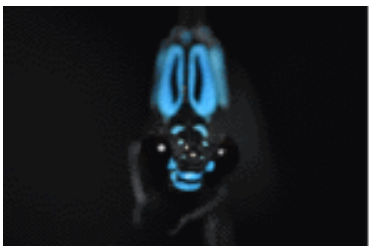
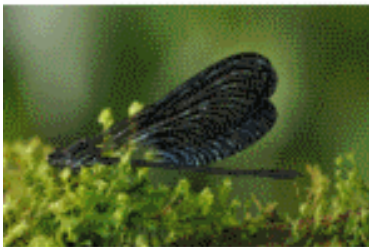
Researchers worked together with people from the region and park rangers. Tech talks were

provided regarding the implementation of sampling protocols. Relevance of dragonflies in the conservation of water bodies was also highlighted.



### Odonata species:

High richness are collected, we identify several flagship species for the area, important dragonflies and damselflies to get know the state of water bodies conservation, these species are:



- (1) *Sympetrum gilvum*
- (2) *Rhionaeshna cornigera*
- (3) *Polythore gigantea*
- (4) *Heteropodagrion superbum*
- (5) *Hetaerina cruentata*
- (6) *Cora lugubris*

## Achievements & Recognition:

We are proud to announce that our poster: "*¿Es predecible la diversidad de Libelulas (Odonata) en respuesta a las características de los microhábitats?*" was selected for presentation at the 23rd Venezuelan Congress of Entomology, and it was awarded "Best Professional Work" ; Modality: Poster.

We would like to thank all team and community members involved in this magnificent project. Thank you very much!



Finally we show the constancy design for be awarded to students, rangers and support staff involved in this project.

