

Volcán Barva (01.01.2015 to 03.31.2015)

Year:

2015

Quarter:

January - March

Communications activities:

The site manager attended the National workshop on “ Forestry ecosystems monitoring Network : A contribution for the Costa Rica Neutral Carbon Initiative”. In this meeting was introduced OEFO (Observatorio de Ecosistemas Forestales) in order to create a legal figure, agreements, policy of data use, etc.

The Site Manager gave a talk to students of OTS tropical biology course about TEAM project.

On February, The site manager and the field technicians carried out a field trip to show the photo-trapping work for the regional television channel (informe 11). They are interested in developing a tv program about Jaguar conservation efforts in Costa Rica.

On February, a French producer on a television documentary series interviewed to the site manager at La Selva to know about the work with camera traps. The interest of the Costa Rica film is very natural history and wildlife slanted as there is such an abundance of stories in the country. They were looking for a location where they could film a number of species and stories with scientists and specific research being undertaken at the La Selva.

A researcher owner of a property in rural central Costa Rica visited the vegetation plot at 2800 masl with us, to know and discuss the TEAM vegetation protocol in order to seek advice on her small scale monitoring study.

Unusual Events at the TEAM Site:

The most of the dry season was very rainy which had influence in the monitoring sampling. The first period of photo-trapping sampling had very few sightings probably due to this unusual climatic event.

New Species:

There is not new species in this sampling period.

Protocol Activities:

We have completed the terrestrial vertebrates monitoring for the sampling period in array 1 and 2. (low and middle elevation). 40 camera traps were deployed. More than 3000 pictures were processed on the deskteam. All data (tpk file) were uploaded in the TEAm server.

The annual census of trees, palms and lianas ≥ 10 cm diameter in the 1 ha plots located at 100, 200, 400, 960, 2000 and 2800masl were completed up to date. More than 4000 stems have been measured.

The climate data from January 1st up to March 19th were collected and submitted in the new data entry form version 3.0.

Protocol Problems:

We had some issues with the climate station. In several times of this sampling period, It looks like the battery went down to low due to lack of sun. It seems to be that the sunsaver was damaged and the electricity was not conducted from the battery to the logger. We took the decision of connecting the battery directly to the and desconnecting the Fan. At this moment the systems is functioning without the Fan until we get a sunsaver replacement.

We also have had problems downloading the data from the datalogger. The datalogger and all sensors are not functioning well. In the next sampling period we will replace some sensors.

After end the terrestrial sampling period for array 1 and 2, we noted 4 cameras malfunctioning. Basically, the cameras are misfiring due probably a problem with the LED sensor.

Schedule Problems:

There were not protocol problems in this sampling period.

Logistical Problems:

There were not logistical problems in this sampling period.

Suggestions:

There is not suggestions in this sampling period.

Publications or Presentations in Scientific Meetings:

[Tropical Rain Forest Structure, Tree Growth and Dynamics Along a 2700-m Elevational Transect in Costa Rica](#) [1]

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Links

[1] <http://www.teamnetwork.org/biblio/tropical-rain-forest-structure-tree-growth-and-dynamics-along-2700-m-elevational-transect-0>

[2] <http://www.teamnetwork.org/sites/default/files/report/Final%20resubmission%20complete%20file%281%29.pdf>