Project Update: January 2017

Period reported: July to December 2016

In order to develop the management plan for secondary tropical montane cloud forest the following activities were carried out:

- The identification of trees was completed; in total 47 tree species were identified.
- The preliminary analysis showed poor regeneration of most species and therefore assisting regeneration activities will have to be implemented. We have collected acorns of most of the oak species for propagation in a nursery.
- We have had a series of meetings to discuss the results of the inventory and design the forest management system. We have carried out exercises to estimate the costs and profits of timber harvesting considering the activities involved in the harvesting. In total 12 stands were delimited, and we have decided to implement selective logging focused on a total of 30 species. The maximum harvesting intensity will be 40 % dependent on the stand condition.
- Delineation of main roads in maps has been accomplished.
- Most of the requirements of the Mexican Secretary of the Environment (SEMARNAT) have been completed.
- To characterise the soil a total of 12 soil samples were collected in the following conditions: three plots in Mature cloud forest (MF), three plots in secondary cloud forest result of passive restoration (PR), three plots in secondary cloud forest result of active restoration (AR) and three plots in a pine plantation (P). Soil samples were analysed to determine pH, soil density, tot-C, tot-N, and tot-P.

In the flowing three months we plan to:

- Complete the Forest Management Program, which we plan to submit to SEMARNAT in March 2017.
- Purchase stainless bands and strings for dendrometric bands. After various attempts, we finally got response from providers in the United States of America. Dendrometric bands will be placed on a total of 40 trees belonging to five tree species after the consultant forestry office mark selected trees for harvesting.
- Discussion sessions to organise the activities to implement the forest management programme.
- Design of the field course of tropical montane cloud forest management.

Simbologia

Predio las cañadas

Def

Agricultura	Conservación
Agricultura y vivienda casco	Ilite
Amortiguamiento	Infraestructura y vivienda
Camino existente	Potrero
Camino por propuesto	Protección ribereña
Camino por rehabilitar	Usos múltiples
Claros	Vivienda