

Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”

2017. 02. 22

Affiliation/Position	Wildlife Research Center/D1
Name	Liu Jie

1. Country/location of visit

China, Yunnan, Lijiang, Laojun Mountain National Park

China, Yunnan, west side of Meili Snow Mountain Range, along the Nu river bank

2. Research project

Field work for my PhD study on Yunnan snub nosed monkey

3. Date (departing from/returning to Japan)

2016. 12. 22 – 2017. 2. 17 (48 days)

4. Main host researcher and affiliation

Liu Ning

Affiliation/Position: Southwest Forestry University/Professor

Liao Haohong

Affiliation/Position: Lijiang Office of The Nature Conservancy

5. Progress and results of your research/activity (You can attach extra pages if needed)

Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.

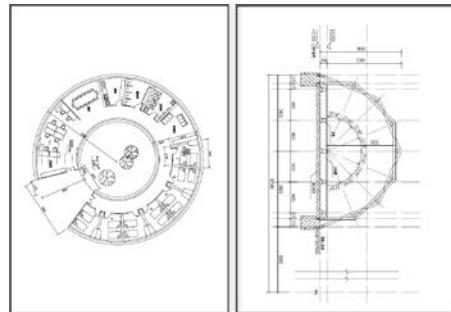
During this period of study in the Laojun Mountain National Park, I regrouped and trained the ranges together with TNC staffs. I observed a wild group of snub nosed monkeys for 1 time in the mountain for about 1 hour of effective observation time. I contacted two company of drone and remote control airship designment. I will bring drone or remote control airship for monkey observation. I was caught in a forest fire in Laojun Mountain on Jan 20th 2017, it lasted for 5 days. The station avoided exposure from fire by being upwind. However, it caused me some trouble to get into the study site for observation.

Apart from the behavioral observation study, I still tried to blend in genomes technology by collecting fecal samples of different individuals. All the fecal DNA samples will be extracted using pre-disinfected tubes. I collected 1 fecal samples this time out from 5 feces. The rest 4 of those had been polluted and quite dry.

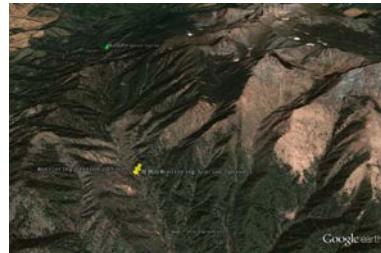
For more reliable and long lasting observation, I propose to TNC to design two new station, and the construction schedule was determined. Here is the information of the two new stations:

Monitoring station: 26°50'53.77"N, 99°35'17.51"E

Patrol station: 26°52'40.03"N, 99°34'38.13"E



Design of new station



Location of new station

Data collection

Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”



Forest fire in Laojun Mountain

I went along the Nu river bank on the west side of Meili snow mountain to compare the difference of flora between Laojun mountain and Meili snow mountain. And I tried to use drone to fly over a small area of the mountain range. However, the drone flying was only last for 3.5 minutes because of the wind was too strong. I have to went on my feet to search the area.

6. Others

I very much appreciate to all the rangers for their time and energy to accompany me in the Laojun mountain for conducting my study, and to all the supports from PWS.