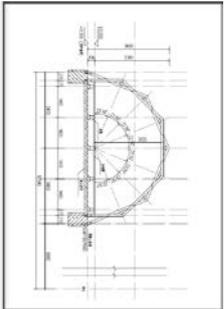


Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”

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.
<p>During this period of study in the Laojun Mountain National Park, I regrouped and trained the rangers 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.</p> <p>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.</p> <p>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:</p> <p>Monitoring station: 26°50'53.77"N, 99°35'17.51"E Patrol station: 26°52'40.03"N, 99°34'38.13"E</p>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Design of new station</p> </div> <div style="text-align: center;">  <p>Design of new station</p> </div> </div> <div style="text-align: center; margin-top: 10px;">  <p>Location of new station</p> </div>
Data collection

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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.