




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

2016. 12, 13	
<b>Affiliation/Position</b>	Wildlife Research Center/D1
<b>Name</b>	Liu Jie

<b>1. Country/location of visit</b>
China, Yunnan, Lijiang, Laojun Mountain National Park USA, Illinois, Lincoln Park Zoo’s Lester Fisher Center for the Study and Conservation of Apes Chicago
<b>2. Research project</b>
Field work for my PhD study on Yunnan snub nosed monkey and join IPS conference
<b>3. Date (departing from/returning to Japan)</b>
2016. 6. 25 – 2016. 12. 1 (145 days)
<b>4. Main host researcher and affiliation</b>
Haohong Liao Affiliation/Position: Lijiang Office of The Nature Conservancy Joint meeting of the International Primatological Society and the American Society of Primatologists which hosted by Lincoln Park Zoo’s Lester Fisher Center for the Study and Conservation of Apes Chicago, Illinois, USA
<b>5. Progress and results of your research/activity</b> (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.
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p style="text-align: center;"><i>Rhinopithecus bieti</i></p> </div> <div style="width: 65%;"> <p>During this period of study in the Laojun Mountain National Park, I finished the study by placing infrared cameras and determining the location for a new mobile camp establishment in the southern part of the national park for future research. I observed a wild group of snub nosed monkeys for 4 times in the mountain for about 4 4 hours of effective observation time.</p> <p><i>Usnea</i> is the main food resources for Yunnan snub nosed monkeys in Laojun Mountain. I collected 3 different kinds of <i>Usnea</i> in Laojun Mountain. I am trying to do the species identification to find out</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 65%;"> <p>out the dietary preference of this monkey group. I recorded the group behavior based on my ethogram.</p> <p>Apart from the behavioral observation study, I 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 4 fecal samples this time. However, two of those are not that high quality for analyzing.</p> </div> <div style="width: 30%;">   <p style="text-align: center;">Data collection</p> </div> </div>

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Based on the data from pilot study, I have some new ideas to put in the future research.



I was so fascinated in joining the IPS conference Chicago this year. I met lots of researchers and scientists who had a longstanding interest in primatology. I am so happy that I could have a chance to raise questions to the researcher, from whom I got study inspiration by reading his or her paper for a long time.

## 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.