


**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

2014. 6, 10

<b>Affiliation/Position</b>	Wildlife Research Center/M2
<b>Name</b>	Norihiro KOBAYASHI

<b>1. Country/location of visit</b>
Japan, Yakushima
<b>2. Research project</b>
Yakushima Field Work · Study on feeding habits of wild Yakushima macaque
<b>3. Date (departing from/returning to Japan)</b>
2014. 5. 18 – 2014. 5. 26 (9days)
<b>4. Main host researcher and affiliation</b>
Yakushima Field Station, Kyoto University
<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.
<p>During this visit, we conducted research on feeding habits of the wild Yakushima macaque.</p> <p>In this survey, we investigated food habits to target the Yakushima macaque (<i>Macaca fuscata yakui</i>) by direct observation and analysis of dry fecal samples, which are conventional feeding ecological approaches. Moreover, we acknowledged the advantages and disadvantages of the past methods. In addition, it is pre-survey for development of genetic analysis in field studies.</p> <p>As results, 12 species of food items were identified by direct observation, and we could determine only 2 plant species with fecal analysis. In direct observation, identification of the foods was difficult when the monkeys ate them up quickly. Additionally, we couldn't find digested foods from fecal samples.</p> <p>As future plans, we will report the results of the research about feeding habits of wild Yakushima macaque. Then, the results will be compared with dietary list that are identified by next-generation sequencer in the genome training.</p>

<p>Fig. Grooming of Yakushima macaques</p>

<b>6. Others</b>
I thank Prof. Agata, Assoc. prof. Sugiura, Assist. prof. Kishida, Sawada San, Suzuki Sensei, Suzumura San, Hayakawa San, Kurihara San, other professors and administrators of the PWS Leading Graduate Program for

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supporting Yakushima Field Work.