

**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.)

	2017, 05, 22
<b>Affiliation/Position</b>	Wildlife Research Center/M1
<b>Name</b>	Moe Yanagi

<b>1. Country/location of visit</b>
Yakushima Island, Japan
<b>2. Research project</b>
Yakushima Field science course
<b>3. Date (departing from/returning to Japan)</b>
2016. 05. 13 – 2016. 05. 19 (07 days)
<b>4. Main host researcher and affiliation</b>
Prof. Goro Hanya, Primate Research Institute, Kyoto University Dr. Shun Hongo, Primate Research Institute, Kyoto University Dr. Yosuke Kurihara, Primate Research Institute, Kyoto University Dr. Takeaki Honda, Primate Research Institute, 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 Yakushima Field Science Course, I conducted the study of <i>Macaca fuscata yakui</i> on Yakushima Island. We mainly focused on their distribution by route census method.</p> <p>Our schedule was as follows:</p> <p>2017/5/13: We arrived at Yakushima        2017/5/14: Route census in Seibu Rindo (lowland)        2017/5/15: Route census in Miyanoura (highland, forest)        2017/5/16: Route census in Isso area        2017/5/17: Analysis and preparation for presentation        2017/5/18: Presentation        2017/5/19: cleaning, then we came back to Kyoto</p> <p>Our group had eight members, and we made one presentation from our fieldwork together. It was good opportunity to learn importance of discussion for group work. It was sometimes difficult to decide everything by discussion with many members in English, however I was able to know it was an important process to make sure what we record and define by fieldwork. For the fieldwork, we recorded all of feces of monkey and deer, their calling, and direct observations as detections. Each member mainly surveyed each part, so we could conduct surveys in a lot of areas in Yakushima. We climbed at Mt. Miyanoura one day it took more than nine hours. It was wonderful experience because we were able to see beautiful nature around Miyanoura during our fieldwork. After all fieldworks, we analyzed all of results. We used Q GIS for analyzing geographic information of our detections collected by GPS. We also used R for statistics analysis. It was first time to use Q GIS for me, so I'm grateful to all lecturers who taught us basic knowledge of this software. Finally, I would like to mention about one of benefits from this Yakushima fieldwork course. I was so happy to see those beautiful forests and a lot of animals in this Yakushima. We also had a great time to see beautiful sunset and stars at beachside beside our station. It is very important to conserve biodiversity and environment in this island for keeping this beautiful scenery. Careful monitoring of the effects of human activities on wildlife is needed. I realized the importance of wildlife research through this experience.</p>

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Fig.1 Beautiful sea that we can see from our station



Fig.3 The view from Miyanoura area



Fig.4 *Macaca fuscata yakui*

**6. Others**

This field science course was financially supported by PWS. I appreciate to PWS for providing me this opportunity. I would also like to express my gratitude to all the lecturers, staffs and my team members.