


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.)

	2015. Oct, 31
Affiliation/Position	Kyoto University/M1
Name	Kikuchi Misato

1. Country/location of visit
Japan, Yakushima
2. Research project
Study on species composition and phenology in fern gametophytes and sporophytes
3. Date (departing from/returning to Japan)
2015. Oct. 18 – 2015. Oct. 24 (7days)
4. Main host researcher and affiliation
Dr. Wataru Shinohara, Professor at Kagawa University and Dr. Hiroshi Kudoh at Kyoto university
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 visit, We conducted research on the species composition and phenology in fern gametophytes and sporophytes. We collected them along Miyanoura River, Onna Riiver, and Hanaage River where are rich in fern. Then we made specimens of sporophyte samples and morphologically identified the species.</p> <p>In the result we found that from 20 to 40 species of sporophytes existed in each place and species composition were different from place to place. Morphological identification of gametophytes is very difficult, so we will try to identify the species or the genera to which they belong to using molecular analysis in Genome Science course.</p> <p>In this course, I found many species of fern, which were different in shape and size, and realized the variety of fern.</p>

6. Others