

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. 11, 30	
Affiliation/Position	Graduate School of Science/M1
Name	Sara Lidia Coronado

1. Country/location of visit
Yakushima Island
2. Research project
Study on Yakushima macaques
3. Date (departing from/returning to Japan)
2017. 11. 05 – 2017. 11. 11 (7 days)
4. Main host researcher and affiliation
Dr. Hideki Sugiura, Professor at Wildlife Research Center, 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, I conducted research on Yakushima macaques.</p> <p>I used this opportunity to get fecal samplings of the different macaque populations in the area in order to analyze their phylogeography and genetic diversity by later in the lab looking at the haplotype distribution.</p> <p>Through this experience, I have been able to experience first-hand the whole process of scientific research; data collection, data analysis, and presentation of results.</p> <p>Actually, this was my first time doing field work and I have developed a sense of what working in the field doing something such as ecological research is, something I was very interested in. Also, working with scientists from different backgrounds than mine was a very enriching experience for me as it broadened my horizons.</p> <p>We have then, in the Genome Course, learned the laboratory techniques of extracting, amplifying and sequencing mtDNA. After that, we analyzed the alignments with previously identified haplotypes and prepared a poster presentation with our data and results which add to the previous research from ten years ago. Our results show that we might have found a new haplotype, thus adding valuable information to the research.</p>
6. Others

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Following and observing Yakushima macaques.