

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.)

Affiliation/Position	Centre for Ecological Sciences, Indian Institute of Science/ Project Assistant
Name	Aditi

1. Country/location of visit
Japan/ Yakushima island
2. Research project
Whole genome analysis of the Yakushima macaque
3. Date (departing from/returning to Japan)
2015.05.23-2015.05.29 (7 days)
4. Main host researcher and affiliation
PWS field station, Yakushima island and Wildlife Research Center (WRC), Kyoto University
5. Progress and results of your research/activity
<p>During this field course, we worked on Yakuzaru (Yakushima macaque) to understand if these monkeys were seed dispersers or predators of the Yamamomo (<i>Myrica rubra</i>) fruit. We did non-invasive sampling; that is we followed the monkeys and collected their fecal samples. We also did focal sampling where we followed few individuals and recorded their behavior at 5 minute intervals. After returning to the field station, we analysed the samples we collected. We measured the diameter of the dung samples and then washed those using sieves of different sizes to check for the presence of intact and destroyed Yamamomo seeds. Also at the end of each day, all the teams had to present their work and discuss the progress of each day for which we received valuable feedback from other instructors. We all also got the opportunity to see the nesting of the endangered loggerhead turtle. Yakushima field course was a good learning experience, good fun but also very exhaustive! The field course ended with presentations from all the teams and a grand party! But most important of all, we got to witness a live volcano on our last day at Yakushima. It was quite an experience!</p>

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Fig 1. PWS Field station at Yakushima island

Fig 2. A Yakushima macaque with an infant.



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Fig 3. In and around Yakushima island

Fig 4. A Yakushima macaque feeding on *Myrica rubra*

Acknowledgements

I would like to express my gratitude to Prof. Sugiura for all the arrangements at PWS guest house. In addition I'm also thankful to Dr. Akiko Takahashi, Dr. Yosuke Kurihara, Dr. Nishikawa jinrui and Dr. Suzumura Takafumi along with all the students and staff at the PWS Field station, Yakushima for their support and suggestions.