

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 CETbio,PWS.)

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| | 2018. 12, 11 |
| Affiliation/Position | Bogor Agricultural University/M2 |
| Name | Vinna Windy Putri |

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| 1. Country/location of visit |
| Japan, Yakushima |
| 2. Research project |
| Yakushima Field course |
| 3. Date (departing from/returning to Japan) |
| 2018. Nov. 3 – 2018. Nov. 9 (7 days) |
| 4. Main host researcher and affiliation |
| Dr. Sugiura: Wildlife Research Center. Dr. Agetsuma: Hokkaido 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. |
| <ul style="list-style-type: none"> • Arrival at Yakushima Island : November 3rd, 2018 We arrived at Yakushima in the afternoon. We were given quick briefing about the necessary tools for field study at PWS Field Station. After briefing, the lecturers took the student to the field study site to observe deer and macaques. • Japanese Macaques Group: November 4-5th, 2018 The students were divided into two groups: The Japanese Macaques Group and The Yaku Sika Deer Group. I joined the Macaques group with Dr. Sugiura, Mr. Suzumura and Mr. Honda as our field instructors. We collected the DNA samples from monkeys and also from deer feces in Western part of Yakushima. The lecturers demonstrated how to collect the samples from feces using cotton swabs and lysis buffer. After the demonstration, the students collected the samples by themselves. • Yaku Sika Deer Group: November 6-7th, 2018 The previous Japanese Macaques group later also experienced observing the Yaku Sika Deer. The field instructors of Yaku Sika Deers Group are Dr Agetsuma, Ms. Agetsuma, Dr. Taniguchi and Dr. Sawada. We observed deer in Hanyama and Kawahara during their mating season to collect their feces for hormone analysis. We found several collared individuals and non-collared individuals. We also record their vocalization data during our observation. The deer vocalizations we were able to record are alarm call, contact call and rutting call. • Analysis and Presentation: November 8th, 2018 We divided into three groups to analyze DNA, hormone and vocalization data we collected. After the analysis finished, we present our result from each group. • Departure from Yakushima Island: November 9th, 2018 Before we depart from Yakushima, we have chance to visit the Yaku Sugi Land. The Yaku Sugi Land is surrounded by beautiful nature. <p style="margin-top: 20px;">This course enriches my experience about field study. I was able to learn how to observe animals in mountain area. I also learn how to collect fecal samples from deer and monkey. During this course, I was able to meet people from different part of the world. We learn about each other cultures through communication with each other.</p> |

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Fig 1. Yakushima Macaque



Fig. 2 Sennensugi tree in Yaku Sugi Land

*Please have your mentor check your report before submitting it to [\[report@wildlife-science.org\]](mailto:report@wildlife-science.org).

6. Acknowledgement

I would like to thank Dr. Sugiura, Mr. Suzumura, Mr. Honda, Dr Agetsuma, Ms. Agetsuma, Dr. Taniguchi and Dr. Sawada for their guidance during this field course. I also would like to thank PWS for arranging and funding this course.