

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.)

2018.12.19

Affiliation/Position	PRI/D2
Name	Shintaro Ishizuka

1. Country/location of visit

Shodoshima island

2. Research project

Research: Male mating strategy in Japanese macaques in Shodoshima Island

3. Date (departing from/returning to Japan)

2018.12.17-12.18 (2days)

4. Main host researcher and affiliation

Choshikei-Shizendoubutsuen-Osarunokuni

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.

The purpose of this trip was 1. To monitor the demography of identified monkeys 2. To collect DNAs of infants 3. To collect fecal samples for collaborating work about seed dispersal 4. To collect fecal samples for collaborating work about gut microbiota 5. To collect DNAs of wild Japanese boars. For the purpose 1, I could observe most individuals who were observed last time. Although some adult individuals have disappeared since last winter, such disappearance might have ended. For the purpose 2, a few infants, whose DNA I planned to collect, have passed away. This was damaging for my study. For the purpose 3 and 4, I could do without any problem. For the purpose 5, I could find a few samples. However, these samples seemed to be come from same individuals. Therefore, I felt that analysis of these samples would not clarify tendency of sex-biased dispersal in this species. I would like to continue fieldworks in Shodoshima Island, and clarify ecology of various mammals.



Wild Japanese boar

6. Others

This program was supported by PWS Leading Program. I would like to appreciate this program, all staff of Choshikei-Shizendoubutsuen-Osarunokuni.