

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.)

2018.8.15

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)	2018.8.8-8.11 (4days)
4. Main host researcher and affiliation	Choshikei-Shizendoubutsuen-Osarunokuni
5. Progress and results of your research/activity (You can attach extra pages if needed)	<p>Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.</p> <p>The purpose of this trip was 1. To monitor the demography of identified monkeys 2. To plan the way of collecting DNAs from infants 3. To collect fecal samples for collaborating work about seed dispersal 4. To collect data by trapping cameras. For the purpose 1, I could observe most individuals who were observed last time. However, some infants born in this year disappeared. After almost one year passed since I started to study mating system in Japanese macaques in Shodoshima Island, the number of offspring I can analyze the paternity has become much fewer than I had expected. Although the data collection did not go well, I would like to ask advises from other researchers, and summarize up this study. For the purpose 2, collecting from hairs seemed the best. However, if I pull hairs from infants younger than one year, their mothers must attack me. I would like to collect their hairs by asking keepers, and confirming that it is not dangerous for me, and not invasive for monkeys. For the purpose 3, I could do without any problem. For the purpose 4, there was no data in SD cards I collected. However, the batteries were consumed and the remaining time for recording movies was diminished, suggesting that the data might exist somewhere. I will prepare more carefully for the next research, and collect the data successfully in the next month. As the last note, I started to conduct a collaborating work for gut microbiota of Japanese macaques. I hope that a lot of knowledge will be revealed in monkeys in Shodoshima Island.</p>
	
Mother and infant	A boar visiting provisioning area for monkeys
6. Others	<p>This program was supported by PWS Leading Program. I would like to appreciate this program, all stuff of Choshikei-Shizendoubutsuen-Osarunokuni.</p>