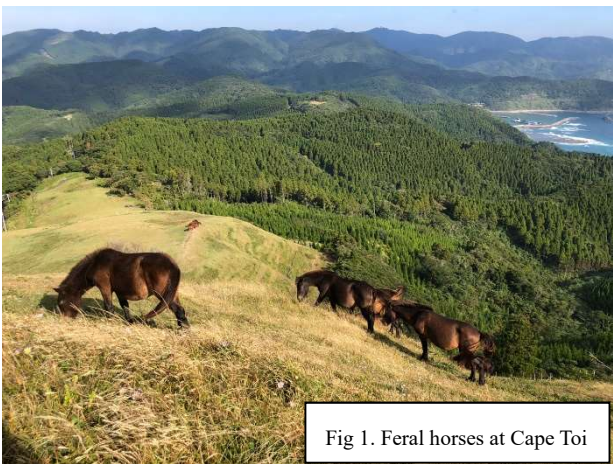




**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

	2021. 11, 9
<b>Affiliation/Position</b>	Wildlife Research Center/M1
<b>Name</b>	Sok Hwan Lee

<b>1. Country/location of visit</b>
Japan, Koshima Observatory Station/Cape Toi/Koshima Island
<b>2. Research project</b>
Study on behaviors of wild Japanese macaques in Koshima island
<b>3. Date (departing from/returning to Japan)</b>
2021. 10. 31 – 2021. 11. 6 (7 days)
<b>4. Main host researcher and affiliation</b>
Drs. Takafumi Suzumura, Sugiura Hideki (Wildlife Research Center, Kyoto University)
<b>5. Progress and results of your research/activity</b> (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.
<div style="display: flex;"> <div style="flex: 1;"> <p>During this trip, I was able to visit Cape Toi and Koshima Island. At Cape Toi, I observed free-ranging feral horses and learned how they were able to adjust to such extreme environment with high elevation and strong winds (figure 1). Then, during the 3 days of stay at Koshima Island, I conducted a short study on the behaviors of wild Japanese macaques. My main focus was to compare between alpha male (figure 2) and subordinate male’s (figure 3) social tolerance. I measured number of proximate individuals of each male during co-feeding situation when Dr. Takafumi Suzumura provided wheat to the monkeys on the beach. I have found that the dominant male tends to have less tolerant as he had less conspecifics proximate than the subordinate, especially within 1m distance from the focal individual. I interpreted this result as individuals avoid the alpha male when he approaches nearby to prevent receiving aggression whereas they know that the low-ranking male is more tolerant. Although it was a short-term observation, I was able to draw out an interesting result. After our return to the Koshima Observatory Station, I shared the result to the colleagues. In addition to how to conduct a field study on wild animals, I learned about the safety issues that should be considered during the fieldwork by climbing a nearby mountain using GPS and compass. As a student who want to study wide variety of animals and their social behaviors, the Koshima field course was very helpful and inspiring.</p> </div> <div style="flex: 1;">  <p style="text-align: right; border: 1px solid black; padding: 2px;">Fig 1. Feral horses at Cape Toi</p> </div> </div>
<div style="display: flex;"> <div style="flex: 1;">  <p style="border: 1px solid black; padding: 2px;">Fig 2. Dominant male</p> <p style="text-align: right; font-size: small;">Sika 2021.3 [Harasawa]</p> </div> <div style="flex: 1;">  <p style="border: 1px solid black; padding: 2px;">Fig 3. Subordinate male</p> <p style="text-align: right; font-size: small;">Mushi 2021.3 [Harasawa]</p> </div> </div>

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<b>6. Others</b>
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