

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. 06. 07
Affiliation/Position	Primate Research Institute/M1
Name	Ito Haruka

1. Country/location of visit										
Yakushima, Japan										
2. Research project										
Yakushima Field Science Course, Plant Course										
3. Date (departing from/returning to Japan)										
2018. 05. 19 - 2018. 05. 25 (7day)										
4. Main host researcher and affiliation										
Dr. Shinohara (Kagawa University) and Dr. Kudoh (Kyoto 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.										
<p>“Species composition of fern prothallia in Yakushima” We investigated that whether species composition of fern gametophytes differs by altitudes within Yakushima, and if there are any new fern species in Yakushima.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 10%;">5/19</td> <td>arrive at Yakushima</td> </tr> <tr> <td>5/20-5/22</td> <td>sample collection</td> </tr> <tr> <td>5/23</td> <td>preparation of the presentation</td> </tr> <tr> <td>5/24</td> <td>presentation</td> </tr> <tr> <td>5/25</td> <td>leave Yakushima</td> </tr> </table> <p>We collected samples of fern sporophytes and gametophytes at different altitude 4 sites in Onoaida. The sporophyte samples were put in paper, and we identified the species using dictionaries. The gametophyte samples were washed and soaked in 100% ethanol. Before this treatment, we observed them with a microscope.</p> <p>Results Compared to altitude and precipitation with collected sporophytes, more species could be found in low altitude and high precipitation area.</p> <p>impressions We had a very good time in Yakushima. My roommates spoke in English, so I tried to use English. I learned about the most important thing is willing to convey feelings. We saw “Kigensugi” and some water falls. We enjoyed the nature of Yakushima.</p>	5/19	arrive at Yakushima	5/20-5/22	sample collection	5/23	preparation of the presentation	5/24	presentation	5/25	leave Yakushima
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collecting fern gametophytes



collecting ferns



gametophyte



Ctenitis subglandulosa

6. Others

This course was conducted with the support of PWS. I had a precious experiences. I would like to express my sincere gratitude to those who made arrangements, teachers, and everyone involved.