







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	Graduate School of Science, Kyoto University/M1
Name	Satoru Tanno

1. Country/location of visit		
Yakushima Island, Japan		
2. Research project		
Field Science Course (Plant Team)		
3. Date (departing from/returning to Japan)		
2018 May 19-May 25		
4. Main host researcher and affiliation		
Prof. Kudoh, Professor at Center of Ecological Research, Kyoto University		
Dr. Shinohara, Associate Professor at Kagawa 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>Schedule</p> <p>19th May: We arrived on Yakushima.</p> <p>20th May: We collected ferns at low level of altitude.</p> <p>21th May: We collected ferns at high level of altitude.</p> <p>22th May: We collected ferns at intermediate altitude levels.</p> <p>23th May: We identified the species of sporophytes that we had collected.</p> <p>24th May: We prepared our presentation and then presented our results.</p> <p>25th May: We returned to Kyoto</p> <p>During this visit, I conducted research on ferns in Yakushima. Our team looked for ferns along the trail and analyzed the relationship between their distribution and the altitude.</p> <p>We collected fern sporophytes and gametophytes from 20th to 22nd May. We identified the species of sporophytes in an encyclopedia, using morphological features.</p> <p>We cleaned the gametophyte and preserved them in 100% ethanol for DNA analysis and for voucher specimens. For the gametophyte specimens, we will identify the species using molecular analysis during the genome course. We presented 24th May.</p> <p>It was a great opportunity to experience field science and this would help me a lot on my study.</p>		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;">  <p style="text-align: center;">Sporophyte</p> </td> <td style="width: 50%; text-align: center; vertical-align: top;">  <p style="text-align: center;">Gametophyte</p> </td> </tr> </table>	 <p style="text-align: center;">Sporophyte</p>	 <p style="text-align: center;">Gametophyte</p>
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6. Others		

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