



**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.)

	2016, 06. 10
<b>Affiliation/Position</b>	Graduate School of Science, Kyoto University/M1
<b>Name</b>	Yumeki Oto

<b>1. Country/location of visit</b>
Primate Research Institute, Kyoto University
<b>2. Research project</b>
Genome science course
<b>3. Date (departing from/returning to Japan)</b>
2016. 05. 30 – 2016. 06. 03 (5days)
<b>4. Main host researcher and affiliation</b>
Primate Research Institute, 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.
<p>In this course, we investigated whether figs and wasps in Yakushima island coevolve, using genetic technique. The results suggested that the relationship between figs and pollinator wasps is species-specific. Moreover, pollinator is multistrain, so non-pollinator may easily evolve from pollinator. However, we couldn't detect the clear evidence of coevolution from genealogical trees.</p> <p>I was glad to catch a glimpse of very interesting phenomenon, coevolution. Through this experience, I want to make the use of genetic technique in my study.</p> <p>We presented this result in the 5th International Seminar on Biodiversity and Evolution.</p>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>A kind of pollinator wasps, <i>Wiebesia pumilae</i>. Left: female; Right: male.</p> </div> <div style="text-align: center;">  <p><i>Ficus microcarpa</i>, the host of <i>W. pumilae</i> (picture in Yakushima island field course)</p> </div> </div>
<b>6. Others</b>