


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. 05. 07
Affiliation/Position	M.Sc. candidate University Sains Malaysia, Penang, Malaysia.
Name	Elangkumaran Sagtia Siwan

1. Country/location of visit
Japan, Yakushima.
2. Research project
Yakushima macaque distribution along the accessible roads.
3. Date (departing from/returning to Japan)
Arrived, Japan (2018. 05. 14), depart from Japan (2018. 06. 15) Yakushima fieldcourse (2018. 05. 19 to 2018. 05. 25)
4. Main host researcher and affiliation
Dr. Goro Hanya, Professor at Primate Research Institute, 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>During the visit to Yakushima Island, I worked in a team to carry out survey to assess Yakushima macaque distribution along accessible roads, which leads to hills of the island. The survey conducted by assessing indirect presence of Yakushima macaques such as faeces and vocalization. Direct sightings were also used to the determine presence of species in the survey route. Apart from taking distribution data, genetic sample were also collected from faeces in order to identify the sex and presence of behavioural related gene within Yakushima macaques. Species distribution and occupancy assessment has been my bread and butter for the past 7 years in Malaysia. Having worked on large mammals like tiger and elephants, Yakushima fieldwork give me an opportunity of exploring different dimension of survey method and target species. It is a good opportunity to learn how assessment conducted in this beautiful island. The team and myself are working on the result and drafting of scientific report from the fieldwork course.</p>
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px; border-left: 1px solid black; padding-left: 10px;"> <p><i>First day of survey where Dr. Hanya trained the participants on identifying faeces and gave</i></p> </div> </div>

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6. Others

I have one humble suggestion. Having segments in the form of trackpoints with 250m radius created along the identified survey routes and uploaded into the GPS unit prior to the survey will help in determining number of detections that is required to be taken according to each segments. So only detection points can be imported to QGIS and it can used to overlap with segments which are already there before the survey starts. The advantage of doing this is to reduce time to organize data after the survey and to visually help to determine the segments in GPS during the survey.