

**Research Activity Report**  
**Supported by “JSPS Core-to-Core Program(International Core of Excellence for Tropical Biodiversity Conservation focusing on Large Animal Studies )” “Leading Graduate Program in Primatology and Wildlife Science”**  
**(Please be sure to submit this report after the trip that supported by CETbio,PWS.)**

		2018. 06. 08
<b>Affiliation/Position</b>	Tadulako University/Indonesia	
<b>Name</b>	Fahri Jafar Bajeber	

<b>1. Country/location of visit</b>
Yakushima island, Kagoshima Prefecture, Japan
<b>2. Research project</b>
Study on <i>Macaca fuscata yakui</i>
<b>3. Date (departing from/returning to Japan)</b>
2018. 05. 19 – 2018. 05. 25 (07 days)
<b>4. Main host researcher and affiliation</b>
Dr. Goro Hanya, Professor at Primate Research Institute, Kyoto University (Dr. Sawada, Dr. Kurihara and Mr. Honda)
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)
<ul style="list-style-type: none"> <li>Almost all detections were feces (secondary, not direct). We have 415 detections belonging to 402 = feces (97% of all detections were feces). The Univariate and multivariate analysis results (based on QGIS data) explained that mokey is distributed in areas far from community settlements (&gt; 3000 m).</li> <li>This study is limited in scale - we were only able to census south / south-western and some north / north-eastern areas</li> </ul>

**Notes on Yakushima 2018/05/19–2018/05/24\_Fahri Jafar Bajeber**

Date	Place/time	Activities	Mentor	Notes
2018/5/19	Yakushima island, close to PWS/ 16.00	1. Together Hanya sensei, we found <i>Macaca fuscata</i> by the side of the road	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	a little rain
		2. Finding the fruits and trees that became one of the macaca feeds		
		3. Finding Deer (2 individuals) who are highly habituated with humans (16.45)		
		4. Find 1 Deer individual		
	17.15	5. Return to PWS house		
	17.45-19.00	Prepare dinner and dinner, cleaning the kitchen and prepare raw notes for guidance of Hanya sensei		
	19.00-21.30	1. Announcement from Hanya Sensei about sample collection.		
		2. Prof Goro Just explained about: (a) How to collect, (b) Fruit which often become feed of Macaca, (c) Removing traces of feces if already collected so as not to be collected by others		
		3. Prepare tubes for faeces collection and GPS for distribution data		
		4. Preparing vacuum insects or other parasitic animals		
	22.00-06.00	Rest		
2018/5/20	07.00-08.00	1. Breakfast, prepare some stuff for collect data	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	sunny weather
		2. Setting up personal gear for rain (raincut) and lunch box.		
	08.00-08.30	Announcement from Hanya Sensei about sample collection.		
	08.30-09.00	travel to location		
	09.00-11.30	1. We observe the male, female and babies being grooming on the road near the bridge		
		2. We observe infected Macaca (probably disease) in the Tree and Deer		
		3. We observed the macaca group (n=6 individuals) were grooming on a boulder in the river		
	11.30-13.30	Return trip to PWS house, prepare lunch, cleaning the kitchen and traveling again to wild		

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2018/5/21	13.55–16.00	1. Collection of data: feces, coordinate 2. We divide the opportunity so that all course participants can collect samples	Dr. Sawada	Rainy
	16.00–17.00	Return to PWS house		
	17.30–19.30	Prepare dinner and dinner, cleaning the kitchen and prepare raw notes for guidance of Hanya sensei	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	
		Transferring data from GPS to a laptop.		
		Learning to operate QGIS		
	22.00–06.00	Rest		
	07.00–08.00	1. Breakfast, prepare some stuff for collect data	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	Mr. Honda san  sunny weather
	08.00–08.30	2. Setting up personal gear for rain (rain cut) and lunch box.		
	08.30–09.00	travel to location		
	09.35	Collect the new feces (Code FR001) in road		
	10.20	Collect the new feces (Code FR002) in upper rock around road		
	11.10	Just mark waypoint old feces (Code FR003)		
	11.30	Collect the new feces (Code FR004) in around road		
	11.45	Collect the new feces (Code FR005) in around road		
	12.20	Finish		
	12.20–13.15	Return trip to beach, lunch in around beach, waiting for Honda san		
	13.15	traveling again to new site/wild		
	13.20	Collect the new feces (Code FR001) in road		
	13.25–15.30	Waiting for information from Hanya sensei		
	16.00–17.00	Return to PWS house		
	17.30–19.30	Prepare dinner and dinner, cleaning the kitchen and prepare raw notes for guidance of Hanya sensei	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	
		Transferring data from GPS to a laptop.		
		Learning to operate QGIS		
	22.00–06.00	Rest		
2018/5/22	07.00–08.00	1. Breakfast, prepare some stuff for collect data	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	Mr. Honda san  Nabeyama street, sunny weather
	08.00–09.30	2. Setting up personal gear for rain (raincut) and lunch box.		
	09.30–10.25	travel to location		
	10.40	Start work		
	10.45	Just mark waypoint old feces (Code FR01) in road		
	10.58	Just mark waypoint old feces (Code FR02) in road		
	11.05	Just mark waypoint old feces (Code FR03) in road		
	11.25	Collect the new feces, big sample (Code FR04) in bridge road		
	11.48	Just mark waypoint old feces, little bit (Code FR05) in road		
	12.20	Finish		
	12.20–13.15	Return trip to beach, lunch in around beach, waiting for Honda san		
	13.15–14.00	traveling again to summit		
	14.00–19.00	There was a problem with the vehicle, waiting for Hanya sensei		
	19.00–20.00	Return to PWS house		
	20.30–21.00	Prepare dinner and dinner, cleaning the kitchen and prepare raw notes for guidance of Hanya sensei	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	
		Transferring data from GPS to a laptop.		
		Learning to operate QGIS		
	22.00–06.00	Rest		
2018/5/23	07.00–08.00	1. Breakfast, prepare some stuff for collect data	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	–
	08.00–08.30	2. Setting up personal stuff for work		
	08.30–12.20	working on data with QGIS		
	12.20	Lunch		
	13.20–17.35	working on data with QGIS		
	18.00–19.00	Prepare dinner and dinner, cleaning the kitchen and prepare raw notes for guidance of Hanya sensei		

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	19.00–02.00	working on data with QGIS Transferring data from GPS to a laptop. Learning to operate QGIS		
	02.30–08.00	Rest		
	07.00–08.00	1. Breakfast, prepare some stuff for collect data		
	08.00–08.30	2. Setting up personal stuff for work		
2018/5/24	08.30–12.20	working on data with QGIS	Prof. Goro Hanya, Dr. Kurihara, Dr. Sawada, Mr. Honda	–
	12.20	Lunch		
	13.20–15.35	presentation of research results		
	16.00–17.00	Prepare dinner and party		
	17.00–20.00	Party		
	20.00–00.00	Free time		
	02.30–08.00	Rest		
	07.00–08.00	Breakfast, prepare some stuff, cleaning home and room		–
	08.00–10.30	Prepare some stuff in bags, travel to airport		
	10.30–11.20	Returning to Kyoto/WRC		

During this visit, I conducted research on The influence of land use and elevation on the distribution of Yakushima macaques (*Macaca fuscata yakui*).

Through this experience, I have developed my skills on QGIS and some things to be prepared before the data collection. This course helped me to learn about the distribution and conservation of Sulawesi *Macaca* especially those in the hybrid zone of Pangi Binangga Nature Reserve and in the conservation of Sulawesi macaques in the future.

I am currently working on a paper based on these results for publication in an academic journal.

\*Please have your mentor check your report before submitting it to [report@wildlife-science.org].

## 6. Others

I am very happy and enjoy this course. I am grateful to PWS, Wildlife Research Center for giving me the opportunity to visit Yakushima island which is one of the homes for Japanese Macaques and Deer, and for Prof. Hanya-sensei, Dr. Kurihara-san, Dr. Sawada-san, Honda-san and other students for their support throughout the week.