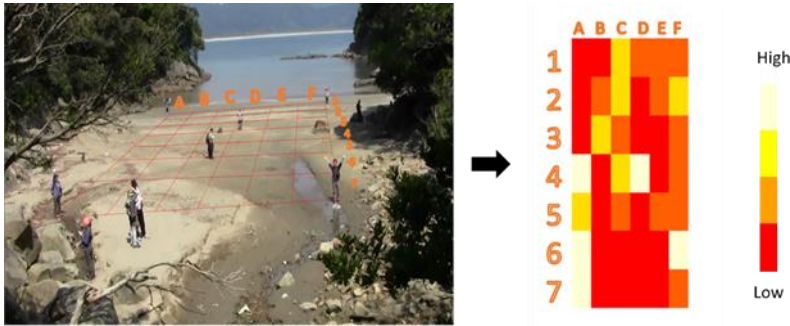


Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

	2014. May, 7th
Affiliation/Position	Systems Neuroscience Section/M1
Name	Soshi Tanabe

1. Country/location of visit	Koshima
2. Research project	Ecological Field Training
3. Date (departing from/returning to Japan)	2014. April. 25th – 2014. May. 1st (7days)
4. Main host researcher and affiliation	Koshima Field Station, Kyoto University
5. Progress and results of your research/activity (You can attach extra pages if needed)	<p>Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.</p> <p>I visited Koshima Islet in Miyazaki prefecture and conducted research on Japanese macaques. On Koshima Islet, provisioned feeding has been continued since 1952, and many researches based on individual identification have been conducted. These researches have contributed to understanding primate behavior. However, it is necessary to integrate the individual behavior into their dynamic movement as a group in order to obtain comprehensive understanding. In the present study, I constructed a system which enables us to observe and analyze the distribution of monkeys during the provisioned feeding and compared their distribution with humans' distribution by using generalized least square regression. I could not gain any significant results in my study, but I found a negative correlation between distribution patterns of monkeys and humans. These data suggest that monkeys avoid humans even during the provisioned feeding in some degree.</p> <p>Although I could not gain a clear result for the limited length of time, I established a method analyzing the monkey distribution. Combining this method to the individual identification, it is enabled to compare the distribution of feeding or ranks in monkeys with the monkey distribution.</p> <p>Through this training course, I have developed a method on how to deal with the distribution pattern and statistical techniques. It will be of great help in my future study about anatomy of the brain.</p>
	
	<p>Fig. How to analyze the distribution of monkey density. I divided the feeding area into 42 areas and counted the number of monkeys. The density of each areas was calculated by dividing the number of monkeys into its floor space.</p>
6. Others	

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