

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.)

2017. 09. 06	
Affiliation/Position	Wildlife Research Center/M2
Name	Sota Inoue

1. Country/location of visit	
Oxford university, UK	
2. Research project	
Experiment of pigeons' navigation	
3. Date (departing from/returning to Japan)	
2017.08.05-2017.08.09	
4. Main host researcher and affiliation	
Fumihiro Kano, program-specific assistant professor, WRC	
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>I visited Oxford university in UK to Fumihiro Kano with Yuri Kawaguchi, PWS student, to learn experiment of pigeons' navigation. Kano-san is belonging to both WRC and the labo of Prof. Dora · Biro in Oxford university. The labo we visited is famous on pigeons' navigation experiment. They mounted GPS to pigeons' back and have succeeded in detecting their routes to the home with high accuracy. I already read some papers about it and also attended the talk about it by prof. Dora. Although I knew outlines of procedure, actual observing it gave impression to me. It is impossible to attach something to animals or control animals whenever you like in a fieldwork. It was interesting for me to use approaches with method of controlling situation to reveal mechanisms of phenomenon that interesting to myself.</p> <p>Kano-san is professional of apes' view. Therefore, he was trying to attach cameras on pigeons' head to detect their view during flying. He purchased somethings to make a mask to attach cameras. He had trying and error again and again. I was surprised at the creativity, passion, and ability to execute. Its motivated me to do more in my field. There are many differences in approaching and data between a labo and field. I think that essential aims are same. It must be important to combine both methods. I should become a researcher who can investigate in both a labo and field.</p> <p>We met some researchers studying at oxford university. I gave a presentation to them and got comments because I had my poster used in "Behaviour 2017". Discussion with researchers from other laboratories was valuable for me, because they have different ways to think and various experiences. We had a dinner with them and discuss long time. That is why, as a just my opinion, I think it is better conversation than it in a conference. If I have an opportunity to visit other universities or laboratories, I will visit definitely.</p>	
	
Pigeon with GPS and canera	Wytham woods, ecological sacred site
6. Others	
I am very grateful to Dr. Kano-san, who guided us, Yuri Kawaguchi-san (L2), who organized this tour, and the financial supports from PWS.	

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