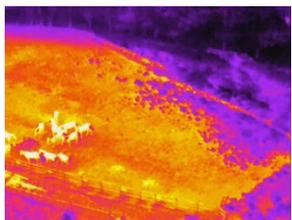


Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

2018. 09. 13	
Affiliation/Position	Wildlife Research Center/D1
Name	Sota Inoue

1. Country/location of visit
Tokyo / Kirishima Art Farm, Kagoshima
2. Research project
Marunouchi Kids Jamboree 2018 / Test flight of drone carrying infrared camera
3. Date (departing from/returning to Japan)
2018.08.13-2018.08.18
4. Main host researcher and affiliation
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>1. Marunouchi Kids Jamboree I joined Marunouchi Kids Jamboree 2018. I have joined this event last 2 years. In this event, I gave a talk about the social structure of animals, mainly primates. It was very tough work to keep kids concentrate my talk for 30 minutes. They were about 6-10 years old and seemed to be difficult to understand the social structure. Even if so, they might understand social structure is various and there is no correct answer. Our exhibition was probably exciting for kids that like animals. Some of them have join this event every year. This fact is one of proof that our exhibition is making them fun.</p> <p>2. Test flight of drone carrying infrared camera in Kirishima Art Farm In Kirishima Art Farm, there many horses that finished their careers, for example, racing and horsemanship. I visited here to have a test flight the drone carrying an infrared camera. Mavic pro that I have used in Portugal cannot carry the infrared camera made by FLIR. However, to monitor horses during night, we are planning to use Mavic pro with the infrared camera. I bought unofficial attachment for mavic pro. The drone with the infrared camera was able to fly, but it was unstable, although the wind was not so strong. The drone flew for 9 minutes. It was also not enough. At least, we were succeeded in flight, though we have to reconsider the utilization of it. The infrared camera detected horses as I expected. If we solve problems regarding stability and flight time, it will be practical way to monitor horses during night.</p>
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Kids Jamboree 2018</p> </div> <div style="text-align: center;">  <p>Kirishima Art Farm</p> </div> <div style="text-align: center;">  <p>Drone and infrared camera</p> </div> <div style="text-align: center;">  <p>Horses detected by drone</p> </div> </div>
6. Others
I am grateful to people managing Kids Jamboree 2018, people in Kirishima Art Farm, and PWS.

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