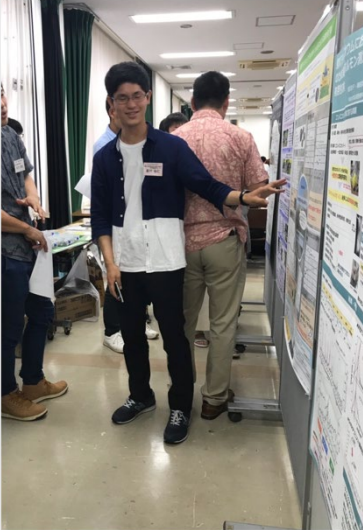


Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

2019. July 5 th	
Affiliation/Position	Wildlife Research Center/MI
Name	Hiroto Yoshimura

1. Country/location of visit
Yokohama
2. Research project
Poster presentation at 3 rd Annual Conference of the Association of Reproduction Research for Wildlife Conservation
3. Date (departing from/returning to Japan)
From July 4 th to July 5 th
4. Main host researcher and affiliation
Association of Reproduction Research for Wildlife Conservation
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>In this conference, I presented latest result about plant eating habit of captive snow leopard. Many zoo staffs participated in this conference, and I got some advice from keepers and veterinarians. They said other large felids such as tiger, lion and leopard also eat vegetation, but they often vomit plants with hair balls. As far as I observed, snow leopards rarely vomit after eating plants. Thus, <i>Panthera</i> group can be separated into: 1. Eat plant and vomit, 2. Eat plant but don't vomit, 3. Don't eat plant. This is very interesting when thinking about evolution of plant eating behavior. I felt the necessity of observing other related species.</p> <p>Some indicated the effect of plant materials on gastrointestinal health. So, it is also important to investigate fecal samples in terms of nutrition or microbiome.</p>

Fig.1: Poster presentation
6. Others