

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.)

2015.12.5	
Affiliation/Position	Wildlife Research Center/M1
Name	Natsuko Tajima

1. Country/location of visit
Kumamoto Sanctuary, Kumamoto pref.
2. Research project
Animal welfare course
3. Date (departing from/returning to Japan)
2015.11.24-11.27
4. Main host researcher and affiliation
Dr. Naoki Morimura
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>The aim of this course was to learn about animal welfare by make some toys for captive Bonobos and Chimpanzees in KS (Kumamoto Sanctuary).</p> <p>The schedule of this course was as follows. 11/24 Arrived at KS, Visit KS facilities, Make toys 11/25 Make toys, Observe Box Enrichment for Bonobos and Chimpanzees, Toy enrichment for Bonobos 11/26 Birthday party for Bonobos, Toy enrichment for Chimpanzees 11/27 Meeting and discussion about toy enrichment, leave for Kyoto</p> <p>First day, we observed KS facilities after we arrived at KS. There are 57 Chimpanzees and 6 Bonobos in KS. It was my first time to see Bonobos, so it was amazing. I surprised to know Bonobos have only one high voice while chimpanzees have many kinds of voices. In KS, there many enrichment devices for chimpanzees and bonobos. We observed some of these enrichment materials, and make our own enrichment toys for chimpanzees and bonobos.</p> <p>Second day, we observed “Box enrichment”. In the cardboard box, there were many kinds of food. And Keepers throw the box on the cage, then chimps and bonobos picked up their favorite food. It was very exciting to see this enrichment. In the afternoon, we put our device into Bonobos cage. Me and Ms. Aruga made “Corocoro soy ball” (Fig1,2). In the box, there are some balls with halls. In the balls, there are soybeans and Chimps and Bonobos can roll the ball using sticks from the hall in box to drop soybeans. Soy beans drop in the tube and they can get soybeans using sticks from the hall in the tube. Bonobos played with our device for one hour and 48 minutes.</p> <p>Third day, We cerebrated Suzuken(Ikela)’s birth day with many decorated fruits. It was very fun to decorate fruits. In the afternoon, we put our device into chimps cage. Different from Bonobos, chimps played very hard, so toys were taken off from the wall in the end of observation time. But chimps also played with our device for a long time as one hour and 56minutes.</p> <p>The last day, we presented the results of playing time of chimps and bonobos using our device. They played for a longest time with our device.</p>

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It was very good experience to design and make enrichment materials. I think to imagine how animals play the material and what kind of materials is suitable for animals. It was very good opportunity to think about enrichments.



Fig.1,2. Corocoro soy ball (Left: Big one, Right: Small one)



Chimpanzee played with our device

Bonobo played with our device

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Birthday party for Suzuken(Ikela)

6. Others

I appreciate Staffs at Kumamoto sanctuary, especially Dr. Morimura for supporting our activity. And I also appreciate Dr. Hirata and Dr. Yamanashi for helping us. I am grateful to the PWS program and members.