

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.)

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Affiliation/Position	Wildlife Research Center/M1
Name	Ena Onishi

1. Country/location of visit
Kumamoto, Japan
2. Research project
Animal Welfare Course
3. Date (departing from/returning to Japan)
2019.10.21 to 2019. 10.24
4. Main host researcher and affiliation
Kumamoto Sanctuary
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.
In this course, students were divided into two groups and each group designed an enrichment device for both chimpanzees and bonobos in Kumamoto Sanctuary. We aimed to offer a new behavioral category, which in this case was the “spinning” of the tool. Using a lottery wheel as a model, we designed an enrichment device which is made of rotatable tube that contains soybeans in inside, with a hole on one end.
Despite of our expectation, most of the chimpanzees and bonobos did not spin the tube but grabbed the tube and shook it to get soybeans out. However, only one bonobo seemed to be interested in the apparatus itself rather than the soybeans. She spun the tube few times just watching the movement of soybeans inside, not even eating the soybeans that went out of the tube.
Thinking about an enrichment of the captive animals is an important approach for animal research and conservation. I thought learning about enrichment in actual setting with a support of experts such as researchers and caretakers were great experience for all of us.
 “soy spitter”, the enrichment apparatus we made

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Making devices by our own

6. Others

I thank all the caretakers and researchers who supported us creating enrichment device.