



**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.)

	2017.11.24
<b>Affiliation/Position</b>	Wildlife Research Center/M1
<b>Name</b>	Momoko Oka

<b>1. Country/location of visit</b>
Kyoto University Kumamoto Sanctuary, Japan
<b>2. Research project</b>
Animal Welfare Course
<b>3. Date (departing from/returning to Japan)</b>
2017. 11. 14 – 2017. 11. 17 (4days)
<b>4. Main host researcher and affiliation</b>
Prof. Satoshi Hirata and Associate Prof. Naruki Morimura (Kyoto University Wildlife Research Center)
<b>5. Progress and results of your research/activity</b> (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>11/14 Move Kyoto→Kumamoto the guide of KS</p> <p>11/15 Making Enrichment device The observation of chimpanzees</p> <p>11/16 The observation of bonobos Prepare for presentation</p> <p>11/17 Presentation Move Kumamoto→Kyoto</p> <p>In this course, our aim was to gain knowledge about environmental enrichment as a practical approach to improve animal welfare, behavior observation required for these practices and evaluation, and comparative cognitive science research method.</p> <p>It was found that it is difficult to create enrichment instruments that will be used for a long time in both chimpanzees and bonobos, and I felt it was necessary to think about appropriate equipment for each animal species when doing enrichment. In addition, I reaffirmed that it is important not only to perform enrichment but also to properly provide feedback, such as how animals use it, balance between safety and cost, and so on.</p>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Fig.1 KAGUYA</p> </div> <div style="text-align: center;">  <p>Fig.2 Endless Honey Trap</p> </div> </div>

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Fig.3 Chimpanzees using KAGUYA①



Fig.4 Bonobo using KAGUYA②



Fig.5 Bonobo using Endless Honey Trap

**6. Others**

I greatly thank Prof. Hirata and Associate Prof. Morimura for their advise and warm hospitality.