

**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.)

2018.07.19

<b>Affiliation/Position</b>	Kyoto University, Primate Research Institute, Ph.D. Student
<b>Name</b>	Kazuya Toda

<b>1. Country/location of visit</b>
Democratic Republic of the Congo, Luo Scientific Reserve, Wamba
<b>2. Research project</b>
Study on Proximate Factors of Natal Dispersal in Female Bonobos at Wamba
<b>3. Date (departing from/returning to Japan)</b>
2018. 02. 04 – 2017. 07. 06 (153 days)
<b>4. Main host researcher and affiliation</b>
Kyoto University, Wamba Committee for Bonobo Research (WCBR), Dr. Furuichi, Center of Research for Ecology and Forestry (CREF), Jaque Batuafe Bakaa
<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.

**(Introduction)**

In societies of bonobos (*Pan paniscus*), daughters leave their natal groups at puberty and transfer into other groups. It is necessary to investigate diachronic changes of behaviors and physiological states to elucidate species-specific strategies of dispersal and transfer along the life history. To examine how female bonobos decide to leave natal groups including their mothers and familiar members, I have studied on sexual and social maturities associated to the timing of natal dispersal in female bonobos by behavioral observations and hormonal analyses at Wamba, in Luo Scientific Reserve, in the D.R. Congo.

**Daily meeting with local assistants at Wamba @Cecile**



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An infant male sleeping in his mother’ s arms.



An adolescent male sleeping on her mother’ s back



**6. Others**

**(Acknowledgment)**

I was supported for this field research by the Leading Graduate Program of Primatology and Wildlife Science (PWS) in Kyoto University. I sincerely appreciate the staffs in this program, I am so thankful to local assistants helping my work and villagers approving my stay at Wamba. I am also grateful to Cecile Sarabian having worked together during this research period.