

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.)

2019.04.14

Affiliation/Position	Primate Research Institute/D4
Name	Kazuya Toda

1. Country/location of visit
Democratic Republic of the Congo, Wamba
2. Research project
Study on behavioral and hormonal changes in female bonobos before and after dispersal from natal groups
3. Date (departing from/returning to Japan)
2018. 12. 07 – 2019. 03. 29 (113days)
4. Main host researcher and affiliation
Dr. T. Furuichi, Center of Research for Ecology and Forestry in the DR. Congo
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>(Introduction) : Study on proximate factors of intergroup transfer in female bonobos</p> <p>Intergroup transfer is of great aspect of individuals’ life history, and it affects kinships within and between groups and drives structures of local populations. Female transfer is generally rare in group-living mammals, but is common in African great apes. There has remained much room to study on life history traits and strategies of the females by physio- and socio-ecological approach. To elucidate proximate factors of female transfer in bonobos, I investigated longitudinally immature female bonobos at Wamba, the Democratic Republic of the Congo. From behavioral observations and sexual hormonal analyses, I have examined behavioral and hormonal changes before/after the timing of transfer.</p> <p>(Outreach)</p> <p>I gave a lecture to local children at Wamba to let them know about ongoing bonobo research. I talked on (1) bonobos (habitat, phylogeny), (2) a current situation of Wamba bonobo research (habituated groups, home ranges of the groups), and (3) my research subject. I also talked about a critical phase of the Wamba forest where animals and plants have been more damaged by poaching and slash burn as population growth, spreading gun and hatchet, increased demand of bushmeats in urban. And then, I appealed to them the importance to conserve the Wamba forest that is the valuable property for them.</p>

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(Pictures of child bonobos)



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***Please have your mentor check your report before submitting it to report@wildlife-science.org].**

6. Others

I had received much support of field research for 5 years by this PWS Program. I sincerely appreciate all the teachers and staffs supporting my activity. I am also very thankful to local people helping my life at Wamba.

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