

**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.)

2018.7.30

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| <b>Affiliation/Position</b> | PRI/D2            |
| <b>Name</b>                 | Shintaro Ishizuka |

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| <b>1. Country/location of visit</b>  |
| Wamba village, Luo scientific reserve area, DR Congo   |
| <b>2. Research project</b>   |
| Research for wild bonobos  |
| <b>3. Date (departing from/returning to Japan)</b>   |
| 2018.6.28-7.28 (32 days)   |
| <b>4. Main host researcher and affiliation</b>   |
| Dr. Furuichi   |
| <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>I conducted fieldwork at Wamba, the Luo scientific reserve, Democratic Republic of the Congo to collect DNA samples of wild bonobos non-invasively. The schedule was as below.</p> <p>2018/6/28 Left at Narita airport<br/>         2018/6/29 Arrived at Kinshasa via Dubai<br/>         2018/7/3 Arrived at Djolu<br/>         2018/7/4 Arrived as Wamba<br/>         2018/7/5-23 Fieldwork at Wamba<br/>         2018/7/24 Left as Wamba and arrived as Djolu<br/>         2018/7/25 Arrived as Kinshasa<br/>         2018/7/28 Arrived as Haneda via Dubai</p> <p>This trip was third time for me to visit there. I had worried if I can construct reliable relationships with local people because three years have passed after the last time when I went there. However, most of them seemed welcome for me. That was heartwarming for me.</p> <p>I collected 60 fecal and urine samples in total. I mainly tried to collect samples of adult individuals whose DNAs were consumed by my previous experiments. I succeeded to collect samples of most adult individuals of the two study groups (E1 and PE). If these samples contain enough amounts of host DNAs, this research trip would be succeeded.</p> <p>Beside DNA sampling, we discussed the regulation and permission for transportation of genetic resources with our counterpart. Because regulation for transportation of genetic resources is becoming more and more strict recently, it would be necessary to pay attention to the changes of the system. Also, I took many photos of bonobos. They should be helpful for presentations at conferences. Finally, observation of wild bonobos was valuable for discussing my results of genetic analysis. It should be important to consider whether kin structure and/or dispersal patterns of females suggested by genetic analysis may be exactly correct or not. I would like to make use of this experience for getting my PhD.</p> |
| <b>6. Others</b>   |
| This program was supported by PWS Leading Program. I would like to appreciate this program, Dr. Furuichi and local people at Wamba.  |

