

**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. 9, 8

<b>Affiliation/Position</b>	Wildlife Research Center/D2
<b>Name</b>	Kei Matsushima

<b>1. Country/location of visit</b>
Malaysia, Perah, Belum-Temengor Forest Complex
<b>2. Research project</b>
eDNA survey focusing on mammals using saltlicks in Malaysia
<b>3. Date (departing from/returning to Japan)</b>
2017. 8. 29 – 2017. 9. 8 (11days)
<b>4. Main host researcher and affiliation</b>
Dr. Shahrul, University of Science in Malaysia / Mr. Hamiazrim, Pulau Banding Foundation
<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>Saltlicks are the areas where many animals get together. In Malaysia, many saltlicks are known and some scientists are researching. In this study, at the saltlicks in Belum-Temengor forest complex (BTFC), Perah State, where Ms. Yuko Tawa of WRC are surveying mammals with camera traps, I surveyed using environmental DNA. On this trip, I went to all destinations with Dr. Kishida Takushi, assistant professor of WRC.</p> <p>Before entering BTFC, we met Dr. Shahrul, professor of USM, who is my counterpart of this study, and had a discussion. At BTFC, we went to 4 saltlicks and collected filter samples in 2 days with assistance of staffs of Pulau Banding Rainforest Research Center.</p> <p>We will extract DNA from the filter samples at <u>National Museum of Nature and History of Chiba</u>, and sequence and analyze in WRC.</p>

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There are various environment at saltlicks



We found one saltlick with a lot of elephants dungs



Moving by boat

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**6. Others**

This research is supported by PWS and CET-Bio. This research is collaborated with Pulau Banding Foundation in Malaysia.