

Research Activity Report
Supported by JSPS Program for Leading Graduate Schools
“Leading Graduate Program in Primatology and Wildlife Science”

2014. 05, 29	
Affiliation/Position	Primate Research Institute/ M1
Name	Toda Kazuya

1. Country/location of visit
Koshima island, Miyazaki
2. Research project
Training for Observation of Animal Behavior
3. Date (departing from/returning to Japan)
2014. 05. 10 – 2014. 05. 17 (8days)
4. Main host researcher and affiliation
Koshima Field Station Wildlife Research Center, Kyoto University
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>We received practical training in Koshima island and studied how to analyze the field data using statistical software.</p> <p>Unfortunately, the weather were unkind, we thus could conduct research in Koshima island only two days.</p> <p>While we could have good opportunity to observe the half-wild horses at Toi point.</p> <p>The aim of my study was to compare the activity budgets between solitary and troop male. Mori & Watanabe reported that Japanese Macaque male may attain higher reproductive success during solitary period (Mori & Watanabe).</p> <p>If the theory is correct, we would find that solitary male efficiently feeds relative to low-ranking troop male.</p> <p>I observed the activity budgets of the two individuals by focal animal sampling and ad libitum sampling for feeding durations after scattering wheat.</p> <p>Target individuals were 'Fugu', low-ranking troop male, and the other was 'Mushi', solitary male.</p> <p>Both belonged to low-ranking family.</p>

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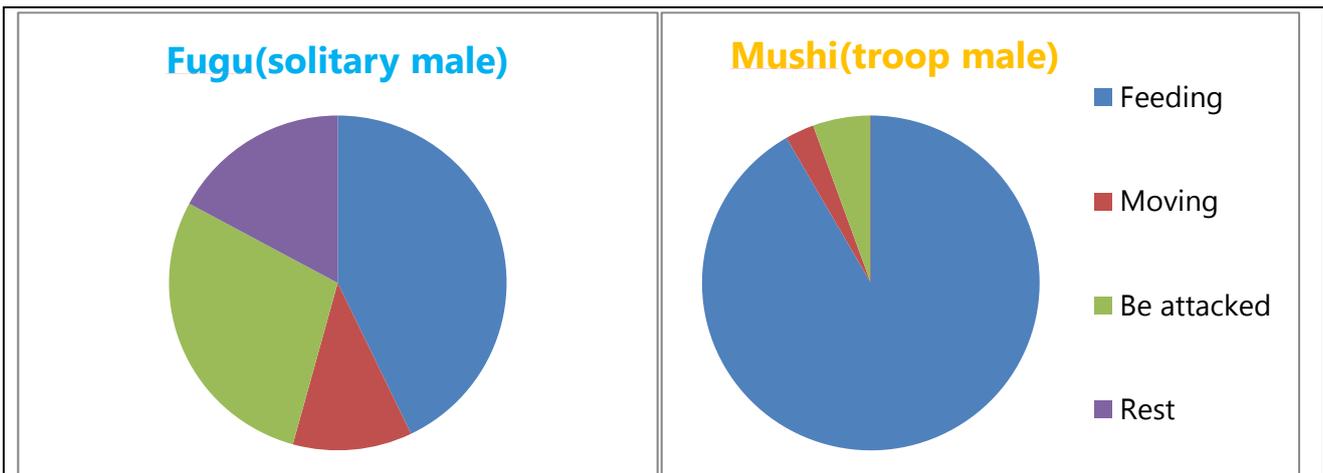


Figure.1 Activity budgets
 χ -squared=48.06, df=3, $p < 0.001$

Solitary male was attacked with less frequency, and thus, could feed efficiently, compared with low-ranking troop male.

These results might be supportive of the theory.



Koshima island

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Monkeys in main group

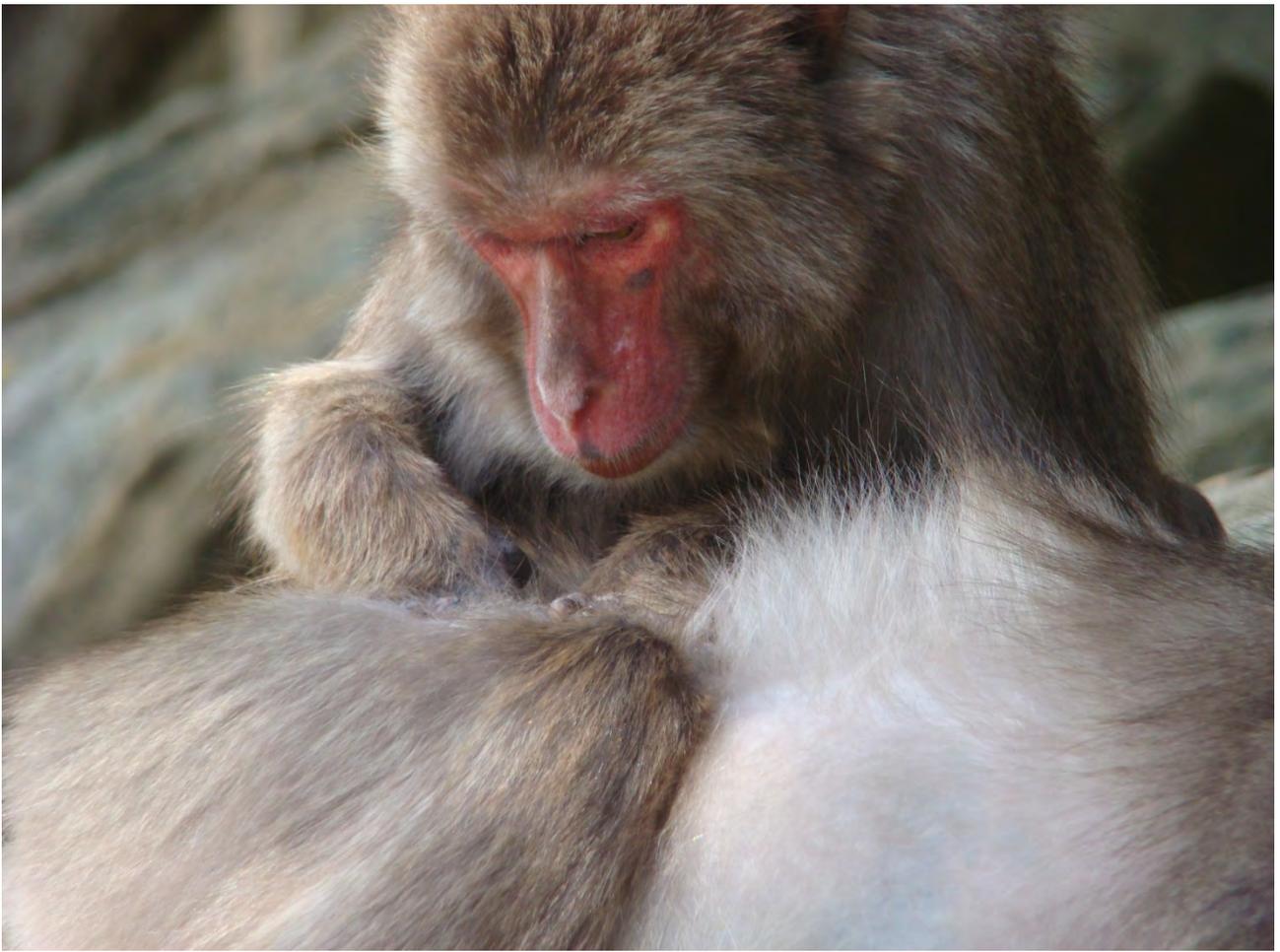


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In the Koshima Foerst

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Grooming

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My favorite monkey

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Close to monkey

6. Others