

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.)

	2015. 08, 21
Affiliation/Position	Primate Research Institute / M1
Name	Makiko Take

1. Country/location of visit
Brazil /Manaus
2. Research project
Feeding ecology of 3 species of monkeys in a remnant forest in Amazon
3. Date (departing from/returning to Japan)
2015. 06. 20– 2015. 07. 17 (28 days)
4. Main host researcher and affiliation
Dr. Vera M. F. da Silva, INPA (National Institute of Amazonian Research)
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>General Aim To reconstruct my research plan and to build a relationship with Brazilian researchers by visiting INPA and my research site “The forest of Science”.</p> <p>Goals</p> <ol style="list-style-type: none"> 1. To consider if my research plan is feasible by observing plants and monkeys in the site. 2. To make sure if some resources are available to help identifying the plants in the site. 3. To meet researchers and students who are studying on monkeys and get their information and opinion to my project. <p>Activities</p> <p>During the first 10 days, I did all activities with Prof. Takakazu Yumoto. I joined a lot of meetings about “Field Museum Project” with him, and introduced myself to researchers of INPA. We walked around in “The forest of Science” every week day, and observed monkeys and plants. Also, we visited other two habitats, the forest of Federal University of Amazonas (UFAM), and Adolpho Docke, a forest reserve which is located in the northeast area of Manaus.</p> <p>After Prof. Yumoto had left to Japan, I visited the laboratory of two monkey researchers, Dr. Wilson Spironello and Dr. Marcelo Gordo, and talked with their students several times to get information about their projects. I fortunately had opportunity to visit and stay in Mamiraua Reserve, a continuous primary forest. I observed a lot of monkeys including Uakari, sloths, dolphins, a lot of birds as well as many plants in the flooded forest there.</p> <p>Fruits</p> <p>About goal 1: I came to identify a lot of species of plants in “The forest of science”. I observed all 3 species of target monkeys in the site and succeeded to follow them for a certain period. It was not so difficult and I even found some pieces of fruits and seeds after the monkeys ate. Also, I confirmed those monkeys are provisioned by stuffs of INPA everyday morning. This fact would be essential when I reconsider my research plan. Provisioning in the morning means</p>

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that I will be able to find monkeys every morning. On the other hand, it was very difficult to find monkeys once I lost them. When I try the focal tree observation, I need to choose a quite attractive tree for monkeys as a focal tree.

About goal 2: Dr. Alberto Vicentini, a plant ecologist in INPA, suggested me there is a useful handbook to identify almost all trees in “the forest of science”. He kindly took me to the herbarium of INPA and allowed me to use there. I also purchased some books of Amazonian trees at a shop in INPA which help me to identify the trees and to provide many information..

About goal 3: Dr. Wilson Spironello kindly accepted to be my supervisor as a Brazilian side. It was a big progress for obtaining permission to collect data in Brazil. Brazilian students also provided me a lot of information about their project and monkeys in “the forest of science”.

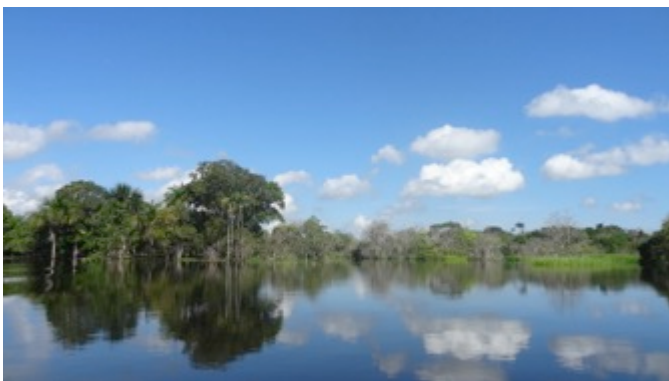
Future tasks

- To reconstruct my research plan in detail as soon as possible
- To improve my language skill (Portuguese and English).
- To improve my physical strength in order to conduct field work under strong sunshine in Amazon

Photos



A meeting about “Field Museum Project” at INPA / Green iguana and me



Black water river was reflecting the blue sky and green forest / A small lizard.

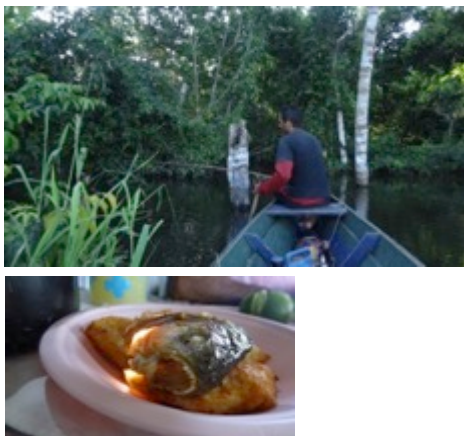
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A common squirrel monkey / White-faced saki (male and female) /Fruits after saki ate / A pied tamarin



Ecotourism activity with amazon river dolphins / Group photo with my host family in Mamiraua reserve



Fishing on a canoe and fried Pirania



Beautiful sunset in Amazon

6. Others

I would like to thank professors and administrators of the PWS for supporting this trip.

I also grateful to Prof. Yumoto for teaching me a lot of things, and Mr. Taku Ichiyamma (SATREPS) for helping my life in Amazon.