

**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. 3, 25
<b>Affiliation/Position</b>	Primate Research Institute/ M1
<b>Name</b>	Natsumi Aruga

<b>1. Country/location of visit</b>
Sasagamine, Nagano Prefecture
<b>2. Research project</b>
Sasagamine Field Science Course (Winter Season)
<b>3. Date (departing from/returning to Japan)</b>
2015. 3. 25 – 2015. 3. 28 (4 days)
<b>4. Main host researcher and affiliation</b>

**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.

I attended Sasagamine Field Science Course from March 25th to 28th 2015.

Walking around the hut (Ski)

We walked around the hut on skis on the second day in the morning. I have skied on the ski slopes, but I had never tried ski mountaineering. I put climbing skins on the skis for the first time. I enjoyed walking on skies very much. In the walking around, we saw tracks of rabbits, foxes and martens in snow. We also observed a fox directly.



Figure 1. To check the map

<b>[Itinerary]</b>
25/3/2015 Travel day (Inuyama – Myoukou)
26/3/2015 AM: Walking around the hut (Ski) PM: Ski Mountaineering
27/3/2015 AM: Walking around the hut (Wakan) PM: Making an Igloo
28/3/2015 Travel day (Myokou – Inuyama)

Ski Mountaineering

Prof. Koshima, Mr. Higuchi, Mr. Kutsuma and I enjoyed ski mountaineering in the afternoon. We read map each time we went up to the high place. When we climbed the steepest slope, I fell down slightly. It made me nervous when I walked at 1650 meter elevation. I thought that it was difficult to go the mountain in winter for myself and this program offered me valuable experience.

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Figure 2. To ski down a mountain

Walking around the hut (Wakan)

We walked around the hut on the third day. We learned map-reading again. We also saw the tracks of rabbits, foxes and martens in snow. Prof. Koshima taught us about *Chironomidae* and *Eocapnia nivalis*. I had seen this insect but I didn't know the name. Finally we became cable of identification of male and female of *Eocapnia nivalis*.



Figure 3. *Chironomidae*



Figure 4. *Eocapnia nivalis*  
(Left: Female, Right: Male)

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**Building an Igloo**

We were divided into two groups and built a full-fledged Igloo. I had made a *kamakura* before, but I had never made an Igloo. We cut blocks from snow by saw and laid the snow blocks. It was difficult to build an Igloo but we built a wonderful igloo at last.



Figure 5. Our Igloo and snowman

**6. Others**

I would like to express my appreciation to the PWS program and Prof. Tetsuro Matsuzawa for the opportunity to study at Sasagamine.