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.)

	2017.08.14.
Affiliation/Position	Laboratory of Ethology, Department of Zoology
Name	Masaya Fukuda

1. Country/location of visit

Nigata Prefecture, Kyoto university Sasagamine hutte

2. Research project

Students program in SASAGAMINE

3. Date (departing from/returning to Japan)

2017.07.18-2017.07.21

4. Main host researcher and affiliation

Prof. Shiro KOSHIMA, Kyoto University

Prof. Shigeru SUGIYAMA, Shizuoka University

Asst. prof. Reiko TAKIZAWA, 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.

During this visit, I stayed at Kyoto University Sasagamine Hutte in Myoko-kogen and observed some plants, animals.

SCHEDULE

July. 18 Arrival day, Guidance of the course, Short excursion

July. 19 Excursion and lecture

July. 20 Climbing Mt. HIUCHI

July. 21 Rope work lectures, Departure day

On the 1st day, we arrived at the Hutte around 3 PM. Prof. Koshima and Sugiyama gave us some guidance for this course and then we went out for short excursion. I found 28 species of plants and 5 species of insects (Fig.1). After that, we made paella, salad, carpaccio for dinner. It was fun to made dinner by ourself.

On the 2nd day, we went for KARASAWA creek. We could find many interesting plants; *Monotropastrum humile*, called GINRYOUSOU, which lacks chloroplast but is classified in a plant (Fig. 2). We climbed the creek for two hours. During climbing, I found some tadpoles (Fig.3). I found 13 species of plants and 9 species of insects. At night, we had lectures on Mt. HIUCHI climbing using a map. It was a good experience in learning where we should care during climbing.

On the 3rd day, we waked up at 4 AM and started climbing Mt. HIUCHI at 5:37 AM. The higher we climbed, the more alpine plant we could see (Fig.4). We reached at the top of Mt. HIUCHI at 11 PM (Fig.5). As it was good weather, we can see some mountains around Mt. HIUCHI.

On the last day, we had lectures on rope work and bivouac. I think it is important to know how to save our

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life from bad weather on the mountain.

It was great experience to learn how to climb the mountain and how to make plan when climbing.



Fig. 1 My field notebook



Fig. 2 Monotropastrum humile



Fig. 3 A tadpole of Montane brown frog



Fig. 4 Paris japonica



Fig. 5 The members of this course



Fig. 6 Hammmock

6. Others

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