

## **Coexistence Between us and Wildlife**

### 1. Motivation behind Research Paper

What do you think about the term coexistence? Is it a term that describes both wild animals and humans living together? In the summer of my first year of high school, I belonged to the seminar group, "To Tell The Sparkle of Life to the Future". At that time, I did not think I would be worried every day until today. When I did not know anything, and then I did not have any knowledge, so I was interested in the theme that I learned that summer. I focused on this theme and chose to contribute in the second and third years. At that time I was assigned, I felt that there was a big contradiction in the theme, and I could not agree for just a few months of the first grade. The theme that I knew for the first time at that seminar was to find that wild animals and humans will "live together" in the future. For example, deer are wild animals which is also a natural monument of Nara. Were I able to face coexistence of the words for three years? The aim of this essay is the analysis of "live together."

### 2. Introduction

The aim is to raise awareness about how to create a society where human and wild animals can live together by experiencing activities related to damage control by wild boars and deer in Nara Prefecture, and learning about advanced cases in other prefectures by interview. Nowadays, "The coexistence of wild animals and humans" is undermined. The trigger goes back to the Meiji period. During the

Meiji period, protective regulations were put in place to protect birds and beasts that had been decreasing until then. Also, during that period, as a result of killing a large number of Japanese wolves completely disappeared which was the only high-order predator in Japan. And then, there was no reason to reduce the bird and beast population. As a result, wildlife populations of wild boar and deer have increased. Nowadays, environmental problems of forest are increasing, for example wild boars and deer which have increased in number eat young trees, barks, and seedlings of trees grown by humans. In addition, damage of farmer's crops are increasing, because wild boars and deer began to down in human towns. If this situation continues, a vicious circle of wild animals causing damage and humans killing them will progress. A study conducted by Mr. Morimoto, Mr. Miyagawa and Ikoma City Hall Agriculture and Forestry division Agriculture and Forestry Section states that experts kill wild animals but they don't want to kill. The data collected for this study will include interviews, the installation of a fence at the Ikoma Allotment Farm and conduct a damage survey. Also, participated in the "Karitsunagi" event and interviewed Kumamoto farmer hunter as a preliminary research.

### 3. Results and Analysis

Now, the damage to crops caused by wild animals is a serious situation that it is not said that wild animals and humans live together. In addition, despite the fact that the number of wild boar in the country has tripled in the past 20 years, the number of hunters who can get rid of it has been halved. Also, human damage caused by wild boar who came down to Satoyama and collision accidents with vehicles are endless, and it is a situation that threatens the daily lives of the residents. We believe that by gaining various knowledge about the ecosystem of wild

animals, we will find a way for humans and wild animals to coexist, so we will experience the damage control activities of wild boar and deer in Nara Prefecture, and in addition to the advanced we learned the case. We participated in a project called "Karitsunagi" in Uda City.(picture2-4)The project aim to create a forest cycle in which forests, fields, and deer and wild boars can live together. On the day we joined, there was a deer caught in a trap by chance.While we were watching, the hunter made a stop-stabbing.After, we felt a sense of urgency and realised the need to be prepared to face life. Taking the choice of killing was easy as a means, but when I saw it with my eyes, it made me sad to be able to understand that the hunter's sense of duty to kill him, even though he feeling guilty, and the state of having to kill animals when they are not bad at all the time. Most of the captured animals are now incinerated.In the midst of this,wild game meat, which uses discarded deer and wild boars as food, is attracting attention.The advantage of Jibie is that he does not waste his life.



Figure 1. Installation of a fence at Ikoma Municipal Farm.



Figure 2 . Consultation on what we can do.



Figure 3 .Visit the wild boar trail.



Figure 4 . Lecture for students.

We were able to participate in the plan to set up fences at Ikoma Citizen's Farm. In order to control crop damage, wild boars were found at citizen farms in mountainous areas and fences were set up at the foot of the mountain right next to the citizen farm.(picture1) Through this experience, I found that installing fences

takes a lot of time, effort and money. It is necessary to observe in the long run whether the installation of fences would reduce crop damage to wild animals. There is an organisation called Kumamoto Farmers Hunter that protects local agriculture from bird and animal damage and revitalises the area. The organisation has its own domestic Wild game meat certification facility and uses captured individuals as Wild game meat.

#### 4. Conclusion and Future Problems

Now, the best way for wild animals and humans to live together is not to kill wild animals, but to set up a fence around the field. However, it is difficult to continue realistically considering economic power and labour force.

Therefore, we think that it is better to use the exterminated wild animals such as Wild game meat to reduce the population of wild animals like the activities of Kumamoto Farmer Hunter, and we propose that this activity should be carried out in Nara Prefecture as well. Specifically, the important thing in this activity is the establishment of a processing facility and the installation of a composting machine that turns the carcasses of wild animals into compost. These are expensive and difficult to obtain, but I think it will be solved by crowdfunding.

Also, I think it is necessary to see the effect of the current fence because it is still unclear whether the crop damage has decreased due to the installation of the fence at the Ikoma Municipal Farm.

#### 5. Reflection

In the past year and a half, I have been working every day looking for a solution to "the precious life that will be killed, at least not to die in vain." What I got

there was that there was no waste of death.As a human, I thought that happiness is to live "long" for wild animals, but is that really the case?I can't understand the feelings of wild animals. I have been working because I thought that living together between wild animals and humans is the goal that both sides want. But I feel like this was a big mistake with assumptions. As I proceeded with this research, I felt that living together is something that humans brazenly idealise, and that for deer, living together is a great hindrance to the process of living. Humans want to live together in the ecosystem as if they are fine-sounding talk, and the ecosystem itself is disturbed because of that. I think I realised the importance of thinking in the other person's position in global exploration. From now on, I want to be a person who can stop and think from the other person's point of view.

## 6. Work Cited

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