

# Restoration of Biodiversity



< Shizuoka Municipal High School >

## Introduction

Today, foreign species such as crayfish are gaining attention in Japan because of their rapid spreading. Nevertheless most people don't understand exactly what foreign species are.

## Interview & Lecture

We visited the Museum of Natural and Environmental History Shizuoka and listened to the lecture by Prof. Toshiro Kishimoto, the manager of the Curatorial Division.



### Good or Evil?

- A handful of foreign species have been causing great economic and environmental harm to a new area.

### Native or Foreign Species

- Some foreign species can hurt each other and some native species like Japanese deer can destroy our ecosystem.

### To Protect Biodiversity

- After being captured, many foreign species are slaughtered.
- Some people say that "it is tragic because foreign species are introduced for human convenience."

⇒ We must give careful consideration to this matter before taking action.

## Purpose

Raise public awareness of today's ecosystem to find how to restore biodiversity.

## Questionnaire

We made a quiz and a questionnaire with Google Forms to find out whether high school students understand what foreign species are?

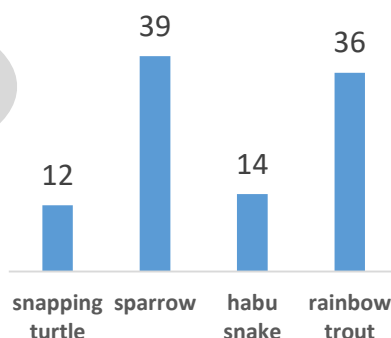


Please read this with your smartphone!

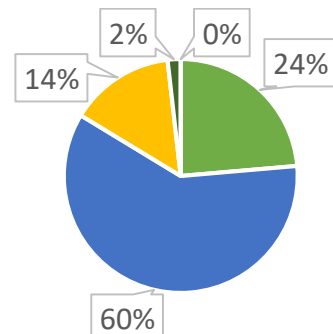
Respondents: 55 High School Students

Average Score: 43.8 / 100

Median: 40



Q5. Choose the one native species from the following options



Q10. How do you feel about foreign species?

## Consideration

- We don't understand the problem of "foreign species" partly because of the stereotype that foreign species are just evil.
- We need to change our perspective on foreign species.



## Prototype

Let's make dioramas of our current ecosystem!

- Dioramas will help us to visualize our current ecosystem. We can see the specific and the general at the same time and they can capture our attention easily.

### 【References】

フレッド・ピアス (2016年) 『外来種は本当に悪者か?』 草思社

「五箇さんに聞く! 『"外来種"は悪者?』」 国立環境研究所 (<https://taiwa.nies.go.jp/colum/gairaisyu.html>)

「日本の外来種対策」 環境省 (<https://www.env.go.jp/nature/intro/>)