

Nara Prefectural KOKUSAI High School

# Protect Cherry Blossoms from Alien Species

~ How we can live in harmony with nature ...

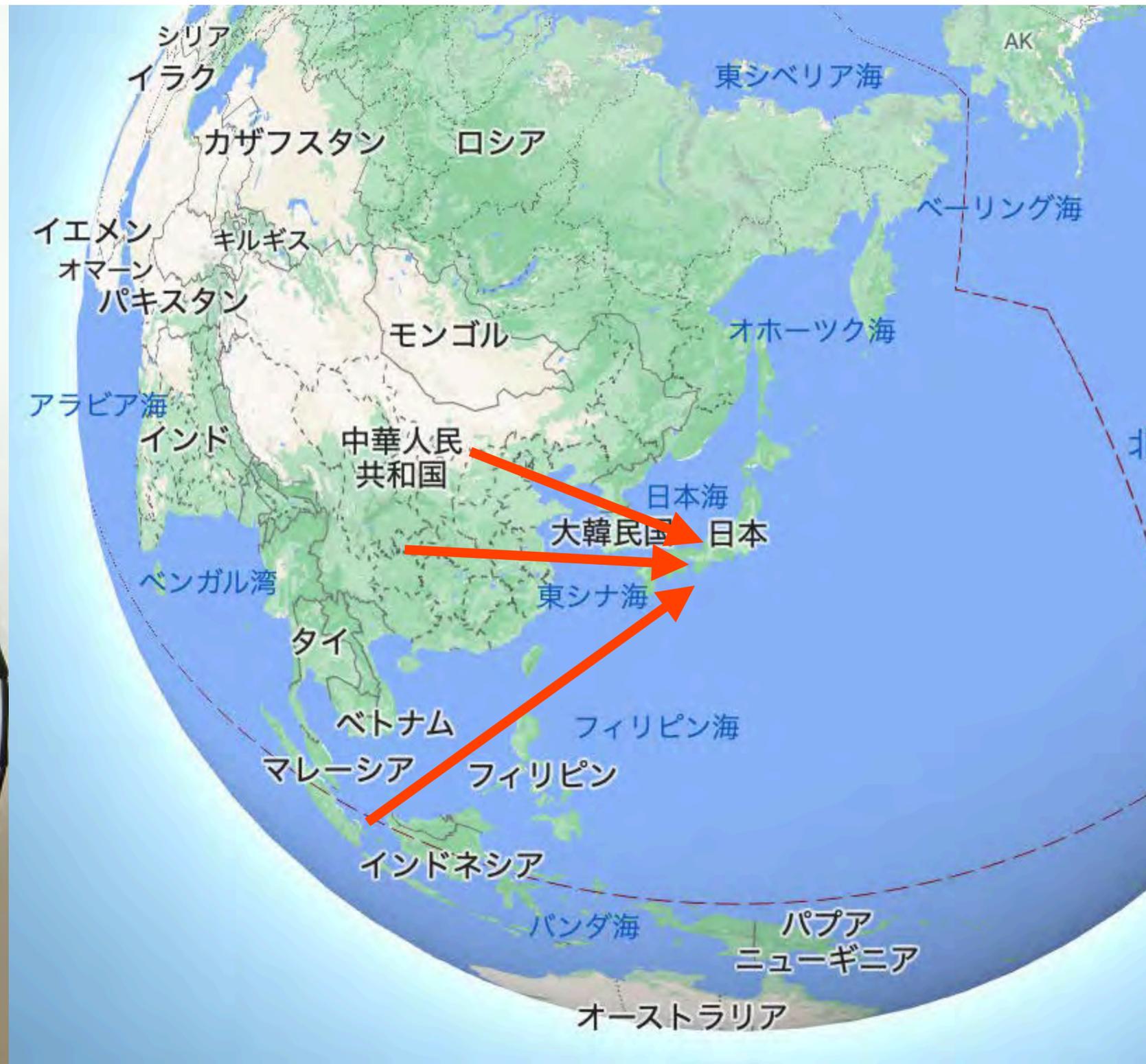
I didn't come,  
**YOU** brought me here...





# Red Necked Longhorn Beetle (*Aromia Bungii*)

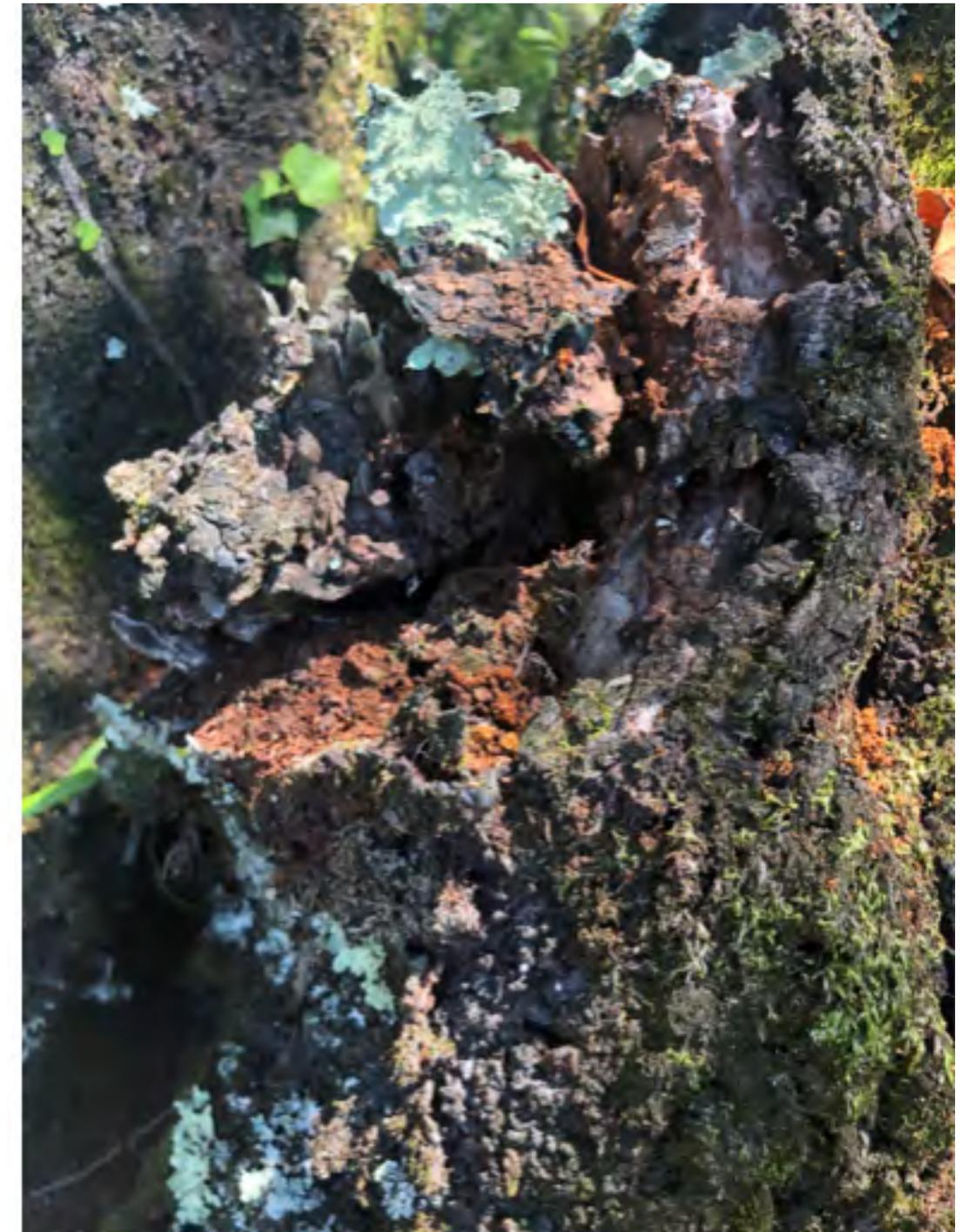
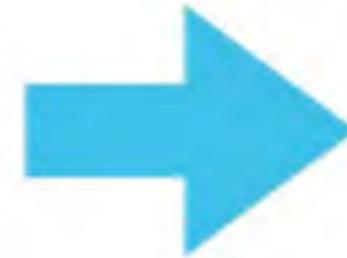
2 ~ 4 cm



<https://www.pref.nara.jp/53306.htm>

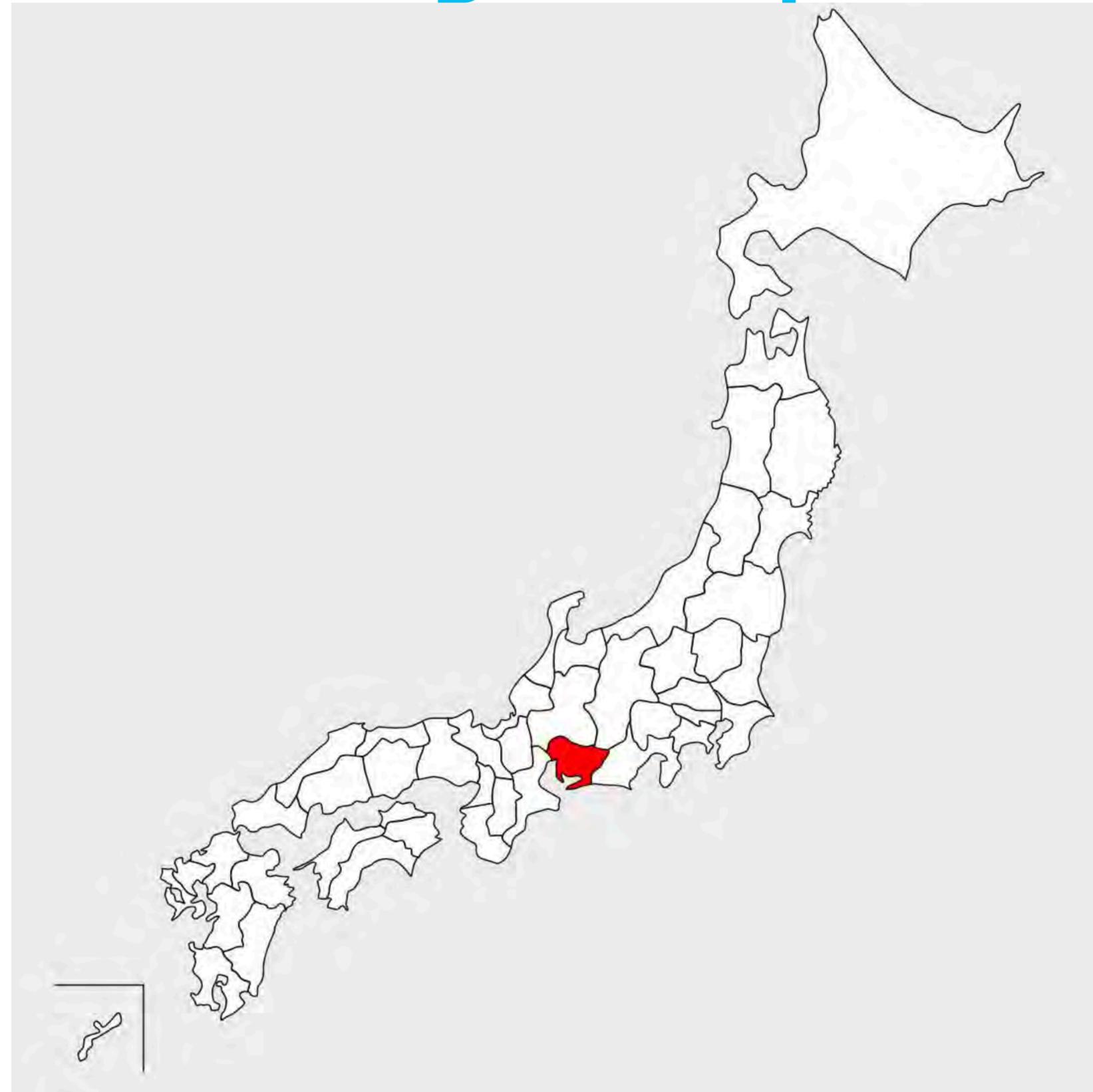
Google Map

- **Alomia Bungii live in trees of the rose family (plum, peach, cherry, etc...)**



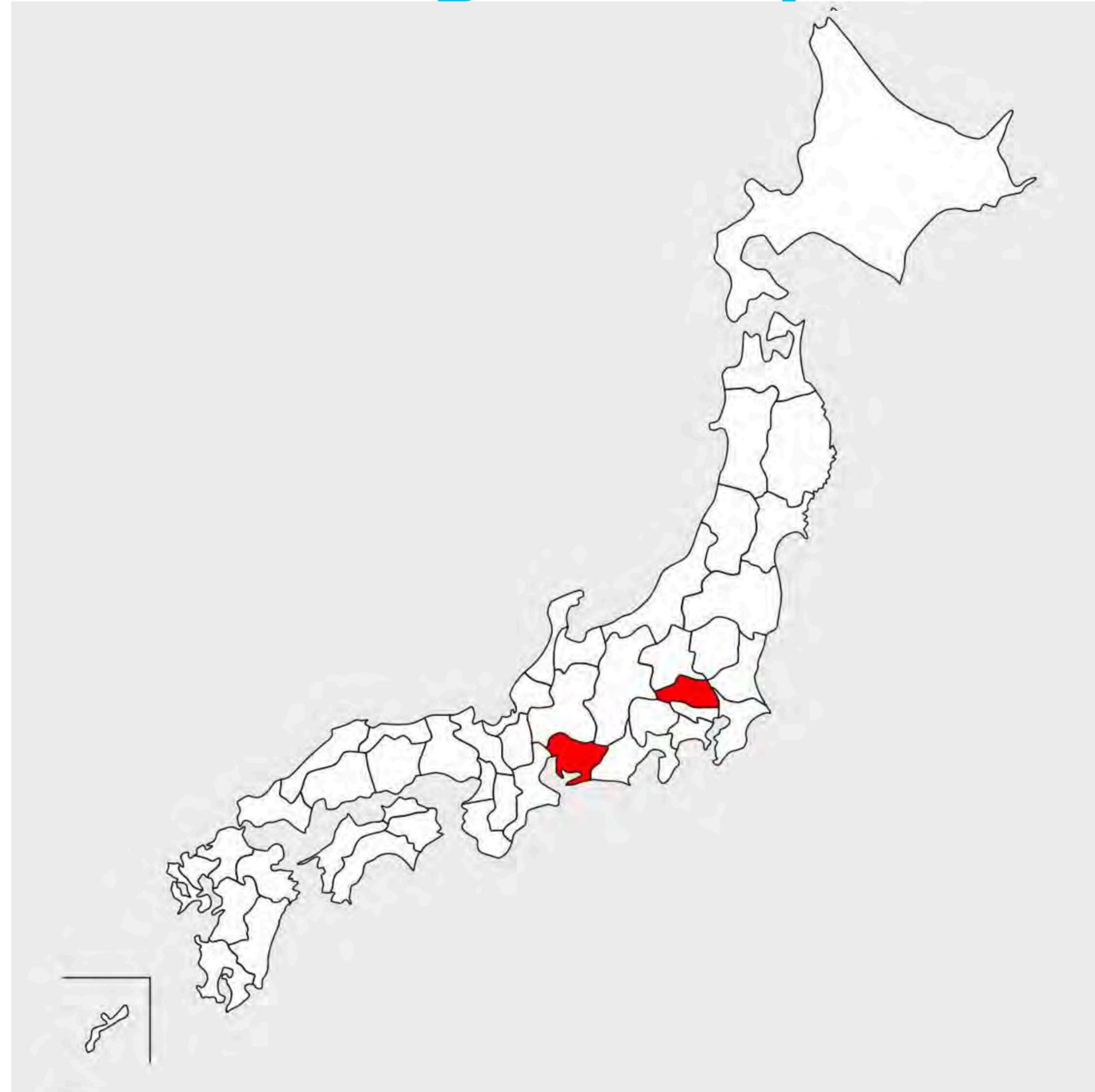
# “Expansion of the *Aromia bungii* in Japan”

2012



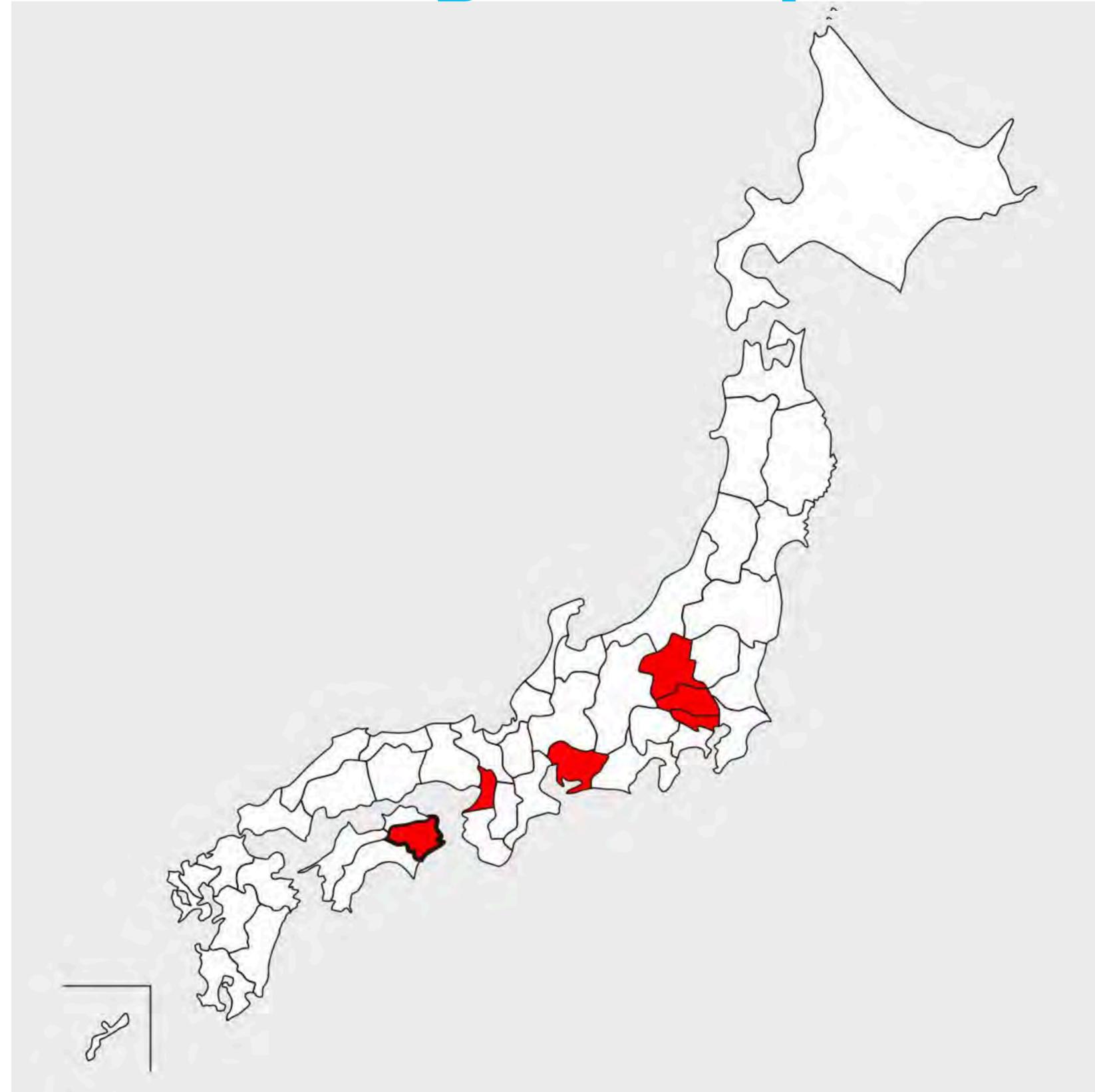
# “Expansion of the *Aromia bungii* in Japan”

2013



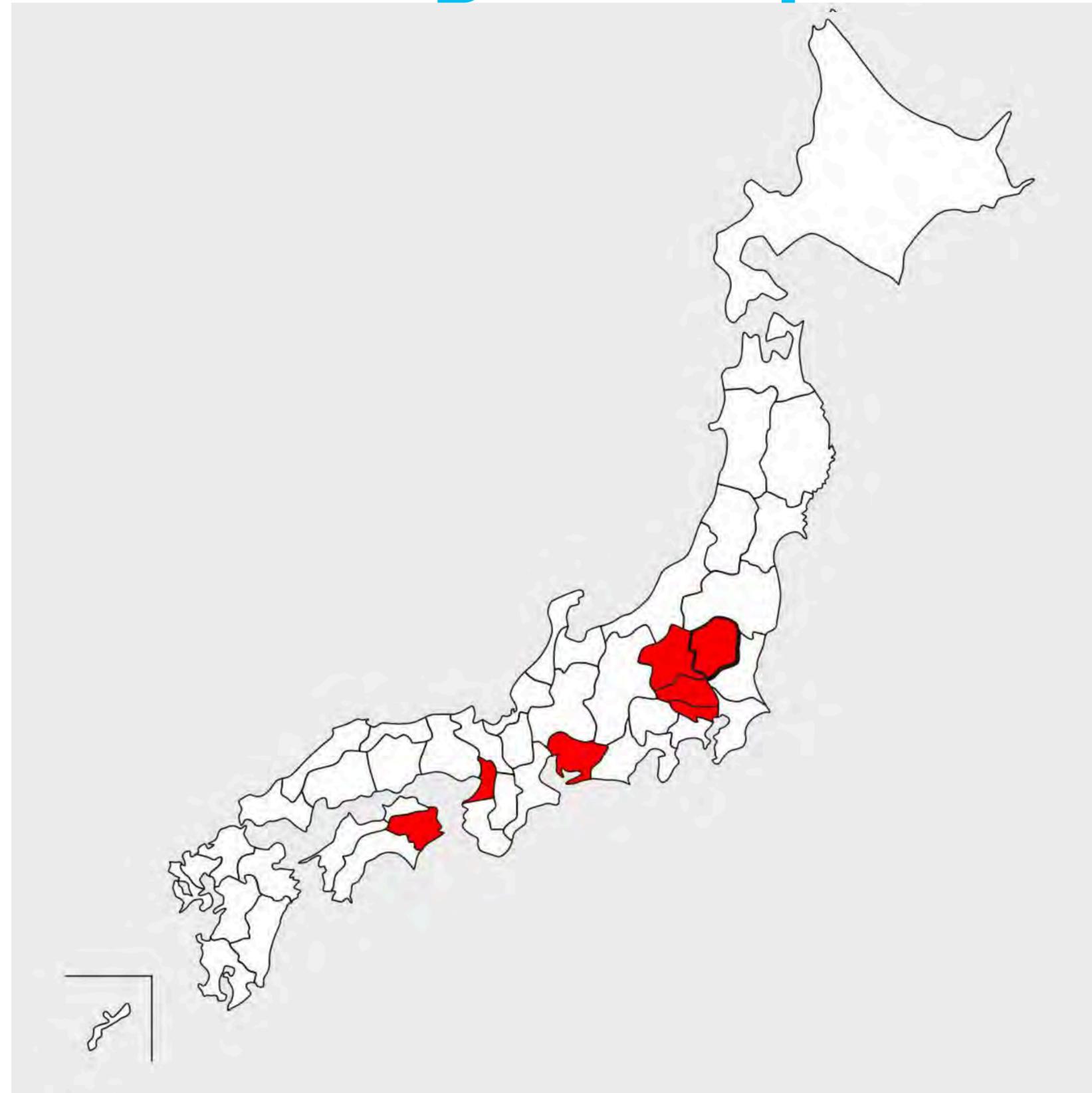
# “Expansion of the *Aromia bungii* in Japan”

2015



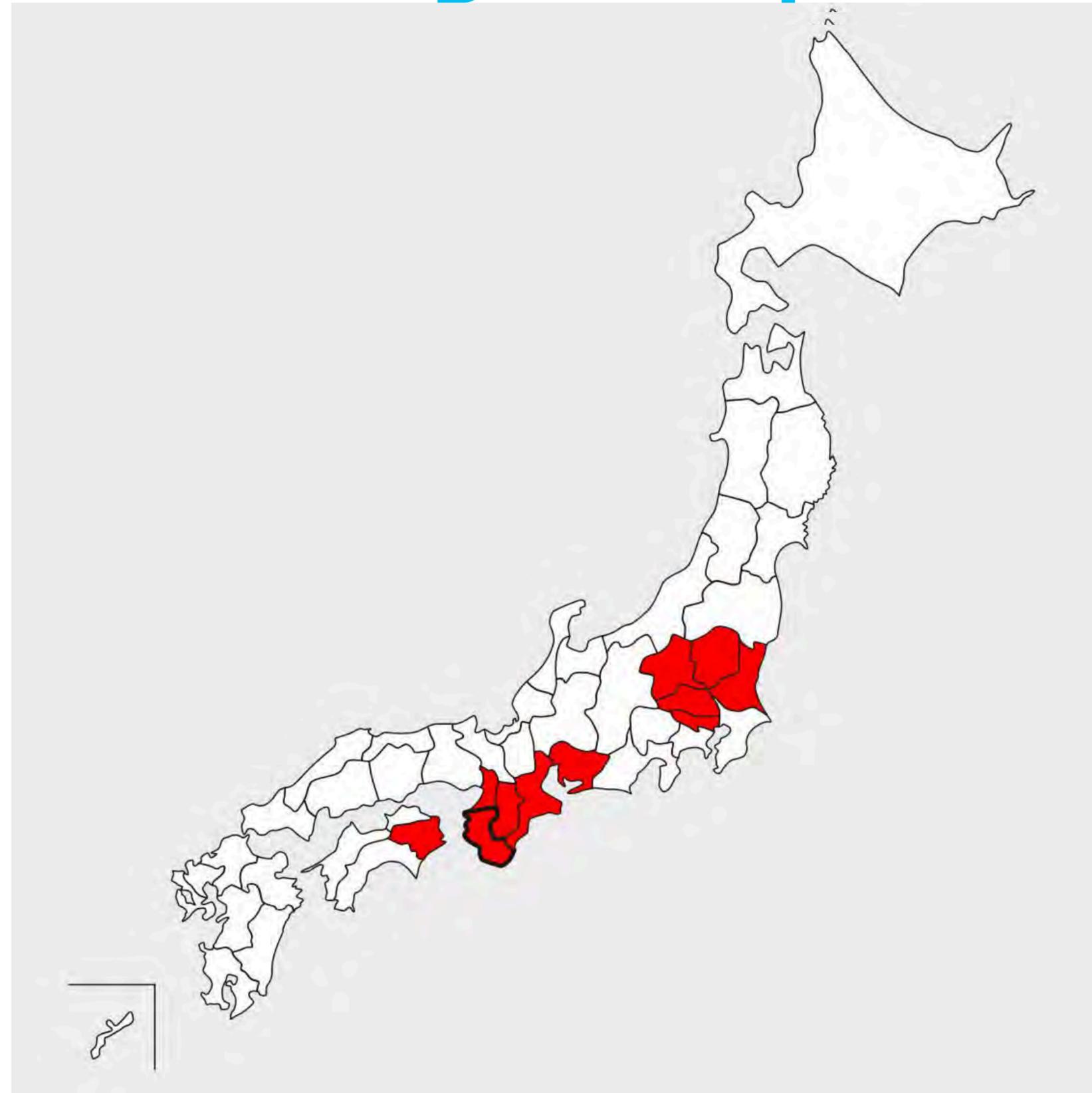
# “Expansion of the *Aromia bungii* in Japan”

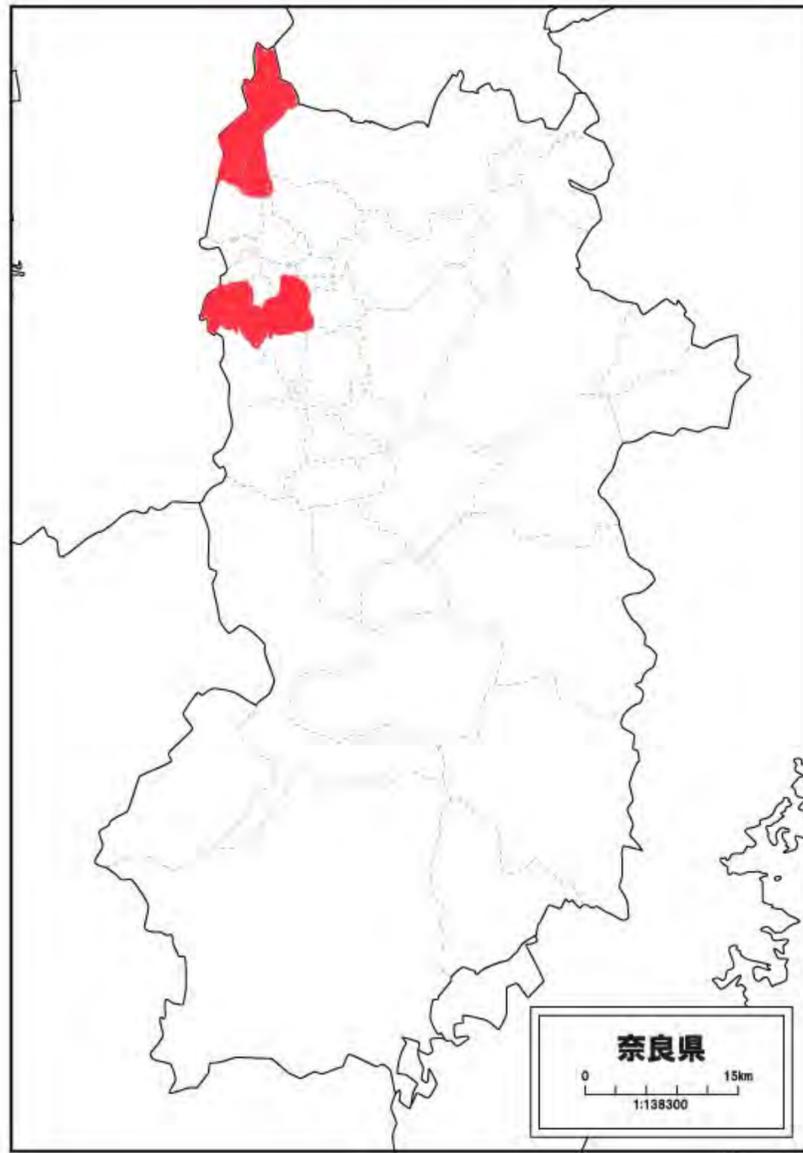
2016



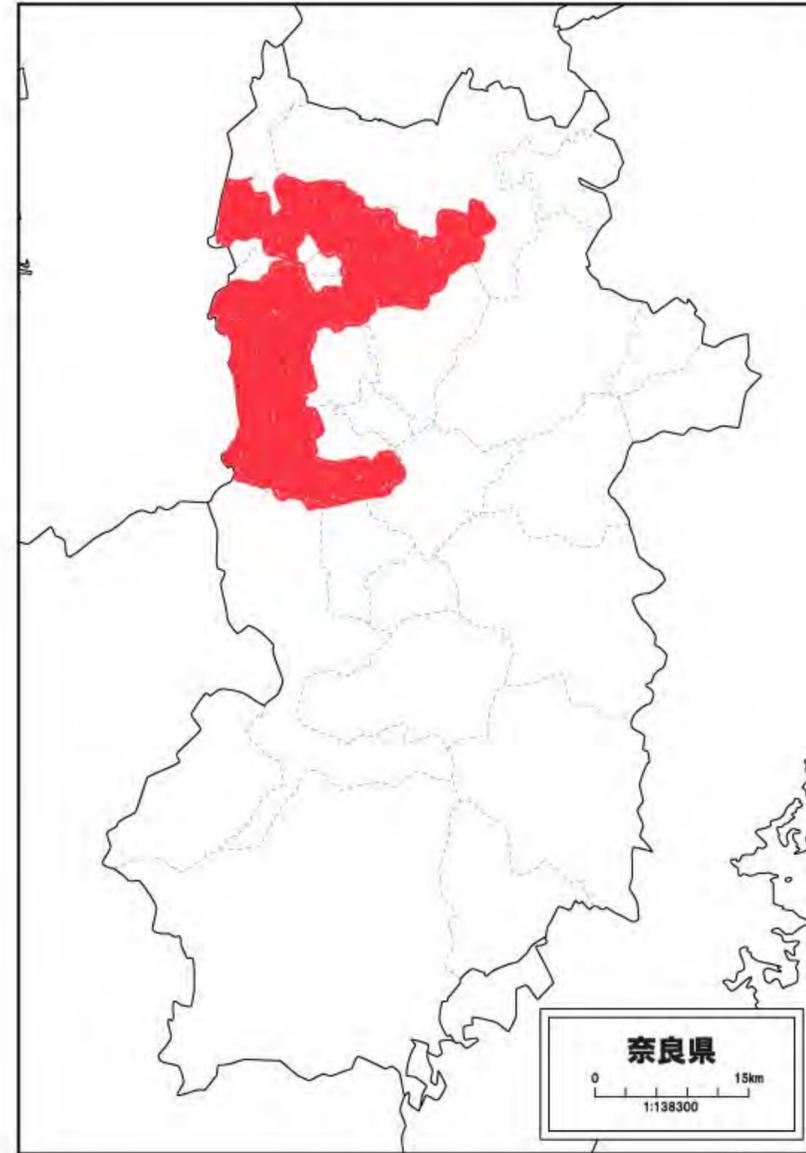
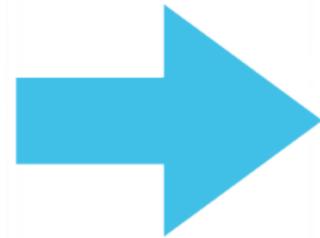
# “Expansion of the *Aromia bungii* in Japan”

2019

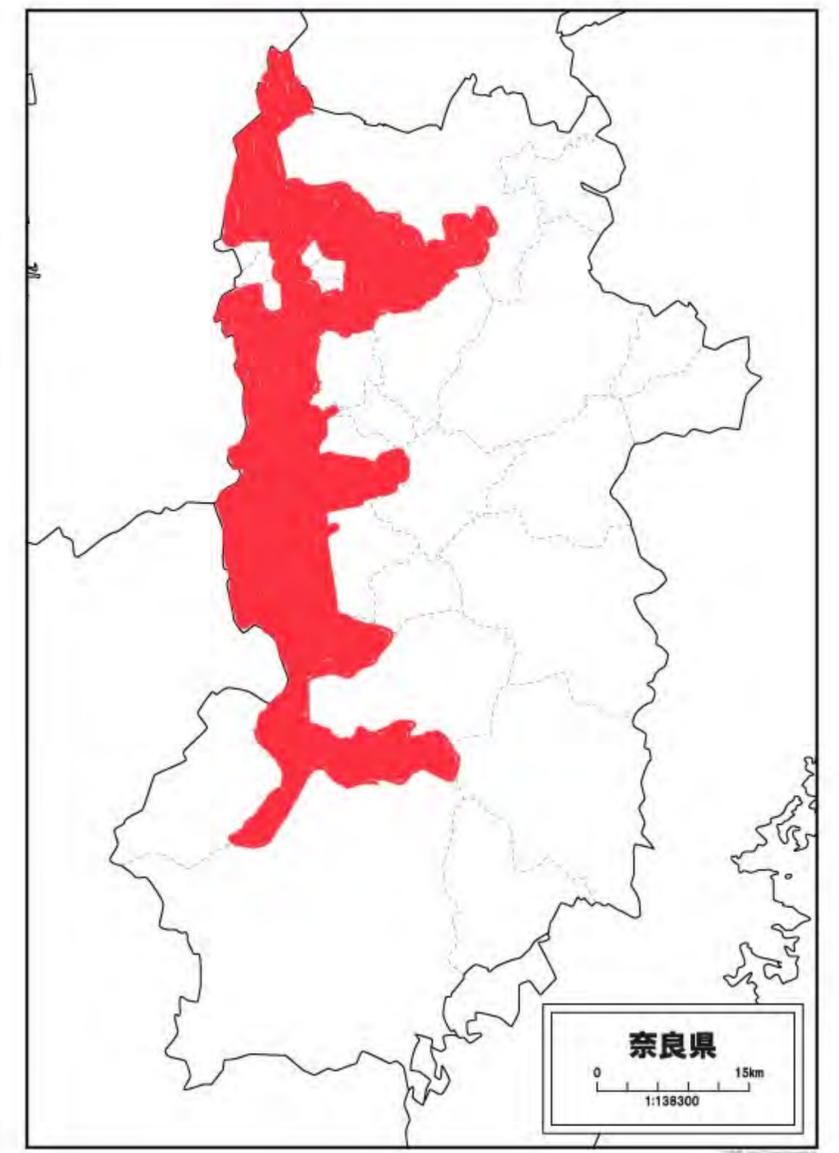
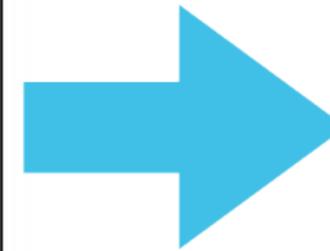




■ 2019



■ 2020



■ 2021

## “Current Situation in Nara Prefecture”

# “Purpose of This Research”

- **Monitoring the invasion**
- **Quick action to damaged tree.**



# "Aromia Bungii Special Monitoring Point in Nara City"



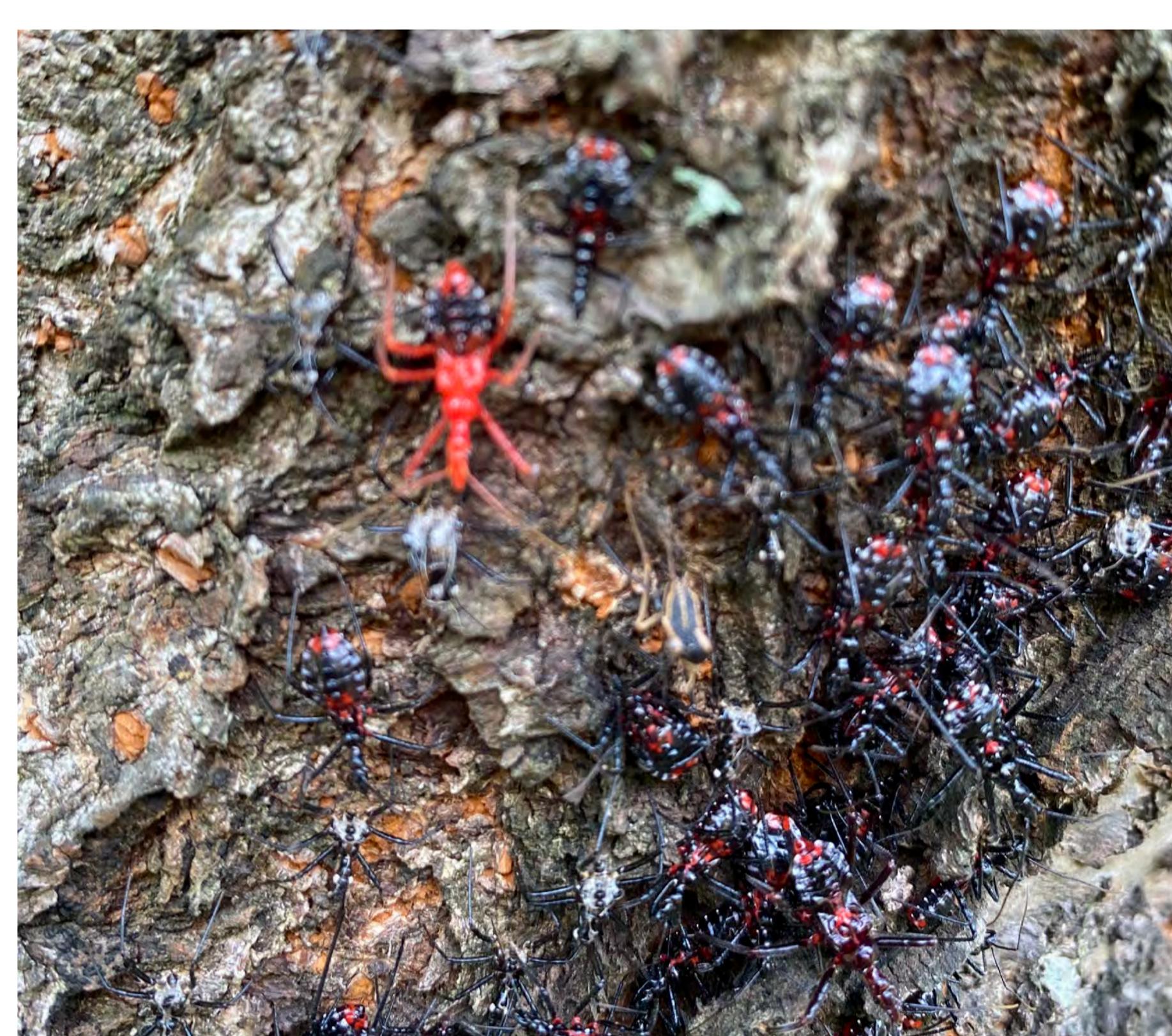
## Akishino River row of cherry blossom trees

Survey group: Nara Prefectural KOKUSAI High School and "秋篠川の源流を愛し育てる会"

Special monitoring point in Nara city

# “Yokozuna Sashigama.”

- Not harmful to trees.
- Eat insects on cherry blossoms.
- If they are there, harmful insects are there.





# “Weakened Trees”

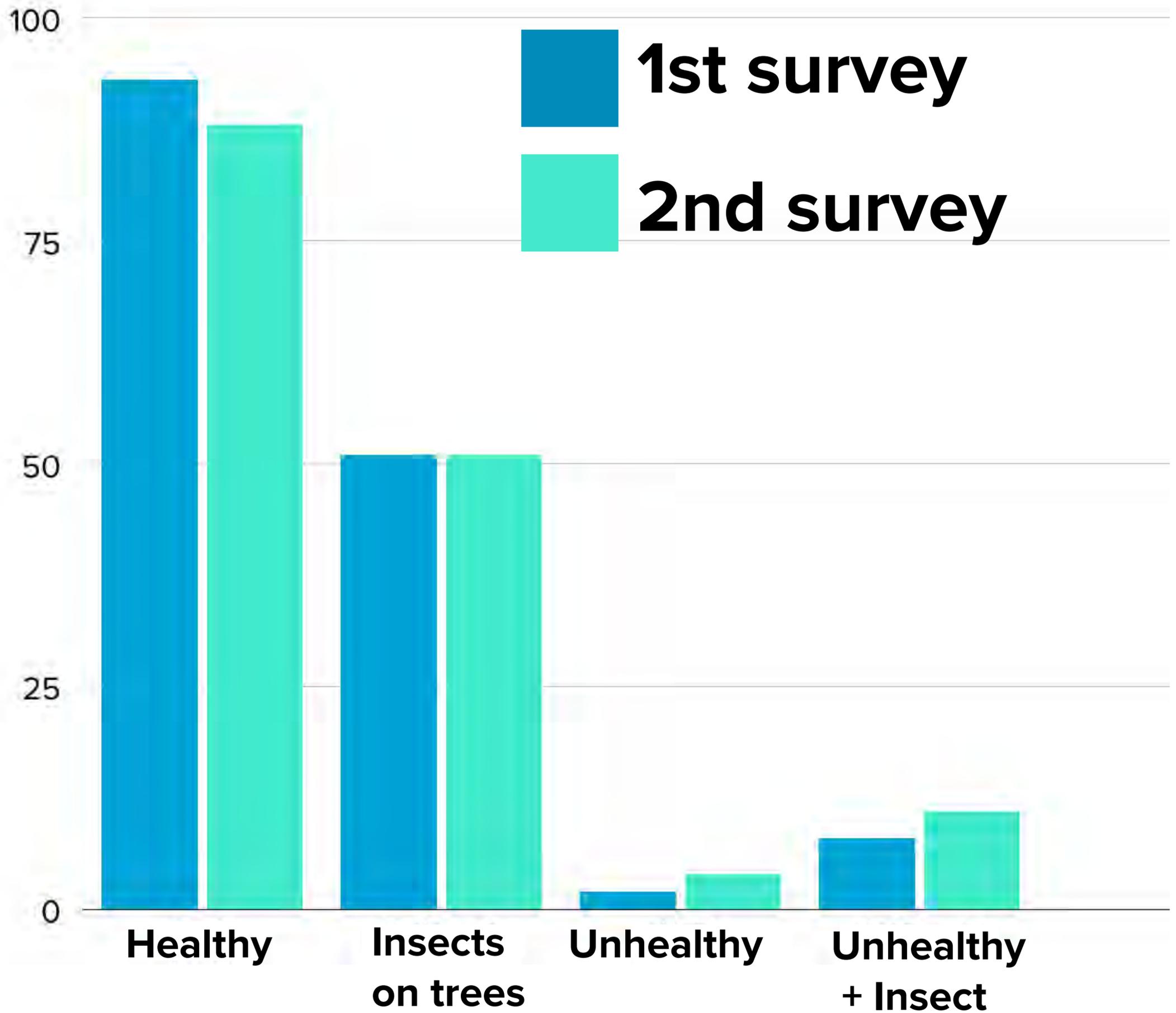
- Cracks on trunk



- *Aromia bungii* can easily infest

**"Result"**

**Population**



**In both surveys,  
*Aromia bungii*  
not found.**

# “Future Prospects”

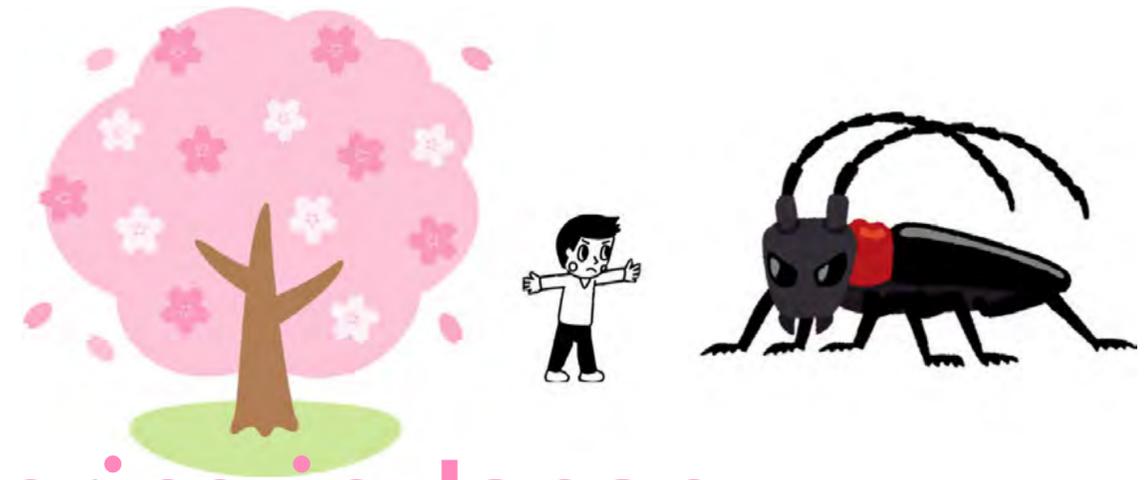


- We hope to see cherry blossoms in spring in Japan...

# Our Investigation Continues...

**We will stop the spread of the *Aromia bungii***

# “Future Prospects”



- We hope to see cherry blossoms in spring in Japan.

## Cooperation with Cities and Local Communities

To deal with their invasion ASAP

# “Future Prospects”



- We hope you can see cherry blossoms in spring in Japan.

# Public-Relations Activities

**Not to bring alien species to Japan  
in order to preserve our wildlife.**

**"Summary"**

**Protect**



**Extinguish**

**Is this right?**

**"Summary"**

**How can we live  
in harmony with  
nature?**