

Name _____

Student Research Packet
Invasive Investigations

Invasive plant species: _____

Checklist

- Choose an Ohio invasive plant species (check with teacher).
- Use at least one book and one website to research the following information about this plant:
 - Scientific name, description, habitat, effect on native plants, management, native alternatives, and Ohio location.
 - Books: See class and library collection.
 - Websites: *http://ohiodnr.com*, *www.nrs.fs.fed.us/fia/maps/Invasive-maps/default.asp*, *http://ourohio.org*.
- Check research with teacher.
- Draw a rough draft of your informational brochure.
- Check brochure draft with teacher.
- Prepare for presentation (see presentation checklist).
- Present.

Due dates

Research must be done by _____

Presentation artifact must be done by _____

My pair is presenting on _____

Rubrics

Research packet

Criteria	8 points	6 points	4 points	2 points	0 points
Research section is completed	All questions were answered and cited	Missing one answer or citation	Missing two answers or citations	Missing three answers or citations	Missing 3+ answers or citations
				1 point	0 points
Research packet cites at least one website				At least one website was cited	No websites were cited
Research packet cites at least one book				At least one book was cited	No books were cited
Total _____/10					

Presentation

Criteria	5 points	4 points	3 points	2 points	1 point	0 points
Presentation conduct	Made eye contact and spoke clearly at all times	Made eye contact and spoke clearly most of the time	Made some eye contact and spoke audibly some of the time	Rarely made eye contact and was difficult to understand	Made no eye contact and could not be heard/understood	Did not speak or participate in the presentation
Demonstrated knowledge about invasive plant species (can be answered in artifact)	Was able to correctly answer at least one question without help	Attempted to answer at least one question but needed help	Attempted to answer at least one question but had to read brochure	Attempted to answer at least one question but did so incorrectly	Was unable to correctly answer any questions about invasive plant species (“I don’t know”)	Did not attempt to answer any questions about invasive plant species
Total _____/10						

Artifact rubric

Criteria	8 points	6 points	4 points	2 point	0 points
Artifact quality	All research information present; no spelling mistakes/illegible words; colored pictures	Omitted one research fact; one spelling mistake/illegible word; colored pictures	Omitted two research facts; two spelling mistakes/illegible words; some colored pictures	Omitted three research facts; three spelling mistakes/illegible words; some colored pictures	Omitted four or more research facts; three or more spelling mistakes/illegible words; no colored pictures
Each section must contain information, be spelled correctly, and be easy to read, and all research questions must be answered.					
Total _____/8					

Research section

Invasive plant species: _____

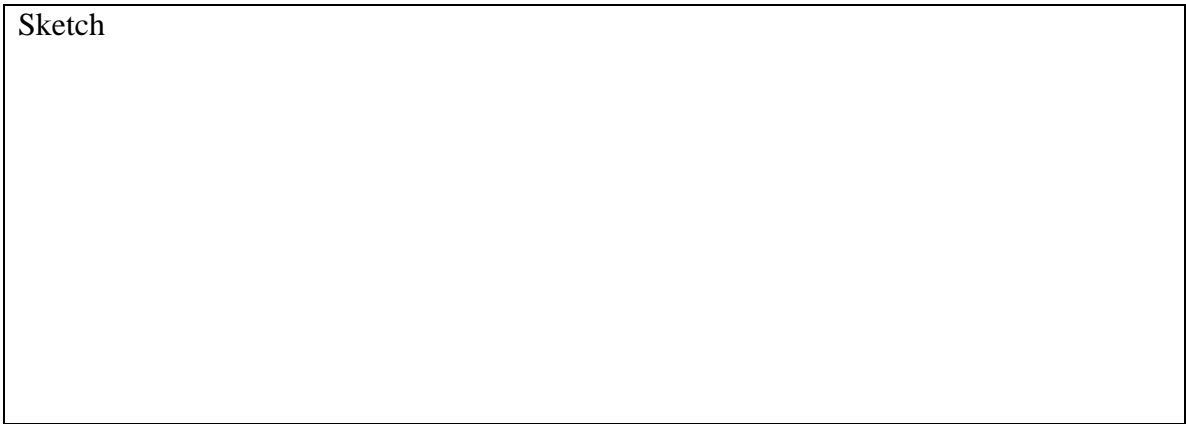
Scientific name

Citation (website and/or book): _____

Description

Citation (website and/or book): _____

Sketch



Habitat

Citation (website and/or book): _____

Effect on native plants

Citation (website and/or book): _____

Management

Citation (website and/or book): _____

Native alternatives

Citation (website and/or book): _____

Sketch(es)

Ohio location (use map)

Citation (website and/or book): _____



Presentation preparation

I will be presenting the following sections:

- Scientific name
- Description
- Habitat
- Effect on native plants
- Management
- Native alternatives
- Ohio location

- Description
- Habitat
- Effect on native plants
- Management
- Native alternatives
- Ohio location

My partner(s) will be presenting the following sections:

- Scientific name

Notes to help me prepare (What are you going to say?):

Name _____

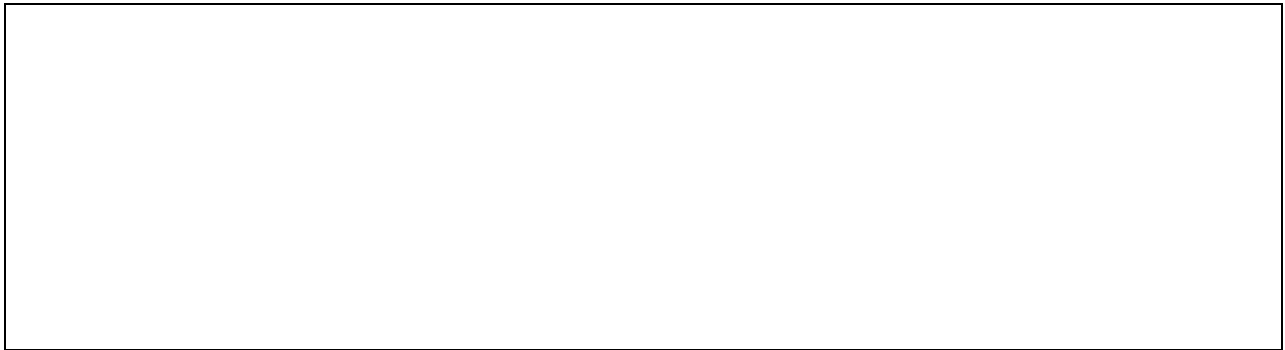
EarthCache extra credit

How to access our geocache:

1. Ask a parent to help you access the internet.
2. Go to *www.geocaching.com*.
3. Click "Sign Up" to create your family's username and password.
4. Log in and search for our class EarthCache. (Your teacher will give you the title.)
5. Use a GPS device to track the coordinates in the EarthCache. You can either print directions or download the coordinates to a GPS-capable device.
6. Travel to the coordinates and answer the questions below.

Which coordinates did you visit first? What type of GPS device did you use? What type of plant(s) did you find there?

Sketch the type of plant(s) you saw.



Describe your overall experience with this EarthCache.

Did you locate additional Ohio native or invasive plants? If so, record the species GPS coordinates and scientific name below.