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**Invasive Species of Ohio Project**

Purpose: To research an invasive species of Ohio (though not the Emerald Ash Borer) and create a small “awareness poster”

Common name of species researched: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Species name (scientific name) of species researched: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rubric (partial, yet correct, inclusion may result in partial credit):**

General Requirements:

* Poster must be 8.5”X11” (letter sized) or 8.5”X14” (legal sized)
* Turn in three papers stapled together: this cover page, the poster and the works cited page
* Resources must be appropriately cited to earn credit
	+ Cite at least two sources
	+ Cite on a separate sheet of paper
* Must be informative, attractive and easy to read (if your handwriting is poor, please use word processing). Use correct spelling.
* Include at least one picture of your species
* Species name is provided in appropriate format

Specific Information Requirements:

* Native range of species
* Specific habitat/biome where the species is invasive in Ohio
* How the species was introduced to Ohio
* The disruption that the species is causing to the ecosystem
* Efforts/attempts to stop/correct the invasion

NOTE: Any incident of plagiarism will result in zero points earned. Correctly cite all resources you used to obtain information (including where you found the picture you are using). If you are unsure about what constitutes plagiarism, ask someone, like me or Mrs. Robinson (CAHS Librarian), and/or research plagiarism yourself before you complete your project.

\*I highly recommend that you use a citation generator like **easybib.com** to correctly cite sources!

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Mods: \_\_\_\_\_

**Invasive Species Project Questions:**

1. State a current, accepted definition of *Species*. (What constitutes a species?)

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1. Define *Indigenous Species*

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1. Define *Endemic Species*

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1. Describe the difference between an **introduced or exotic** species and an **invasive** one.

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**Use the links provided to answer the questions below:**

Introduced Species: The Threat to Biodiversity & What Can Be Done <http://www.actionbioscience.org/biodiversity/simberloff.html>

1. Provide at least two ways invasive species are a threat to our environment?

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1. When looking at biodiversity threats, how do invasive species rate? According to the site, what is the highest threat to biodiversity?

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1. What is the estimated economic damage to the US economy that introduced species cause?

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1. Provide an example of a “beneficial introduced species”. Describe the benefit.

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Use the following Ohio Department of Agriculture Emerald Ash Borer (EAB) webpage: <https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/invasive-pests/invasives>

1. What kind of plant does the EAB kill? ……………………………..
2. According to the website, when was the EAB was first identified in Ohio? ………………………….
3. Are there any counties in Ohio not affected by the EAB? ……………

Click on the “Emerald Ask Borer” heading to go to the US Agriculture website on EAB and then scroll down and click on the “[USDA APHIS Emerald Ash Borer Story Map](https://www.aphis.usda.gov/aphis/maps/plant-health/eab-storymap)” link (https://www.aphis.usda.gov/aphis/maps/plant-health/eab-storymap)

1. Why is it that the EAB quarantine rules include not moving firewood from one site to another?

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1. In addition to quarantine, what other efforts is The Agricultural Research Service focusing on to control the spread of EAB?

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1. What type of animal are EAB’s natural enemies?

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