

Name _____

Class _____

Zebra Mussel Webquest

Zebra mussels are what are called an invasive species. When exotic species are introduced into a new ecosystem they can have serious negative impacts. You will be researching Zebra Mussels, an exotic species that has had a major impact on the Northeast United States ecosystems.

Follow the web links below and use the information found on these sites to answer the questions below.

[The Exotic Zebra Mussel](http://www.fws.gov/midwest/endangered/clams/zebra.html) <http://www.fws.gov/midwest/endangered/clams/zebra.html>

1. What is the scientific name for the zebra mussel?
2. Where did this mollusk originate?
3. How many foreign species have come to the United States over the past 500 years?

[The Invasion of Zebra Mussels in North America](http://www.trincoll.edu/zines/tj/tj03.13.97/articles/cover.html)
<http://www.trincoll.edu/zines/tj/tj03.13.97/articles/cover.html>

4. When and where was the first American species of zebra mussel discovered?

[NationalAtlas.gov Zebra Mussel Maps](http://nationalatlas.gov/dynamic/dyn_zm.html) http://nationalatlas.gov/dynamic/dyn_zm.html

5. Describe how the distribution of zebra mussels has changed from 1988 – 2002
6. What year were zebra mussels found in New York State?

[Zebra Mussel Frequently Asked Questions](http://cars.er.usgs.gov/Nonindigenous_Species/Zebra_mussel_FAQs/zebra_mussel_faqs.html)
http://cars.er.usgs.gov/Nonindigenous_Species/Zebra_mussel_FAQs/zebra_mussel_faqs.html

7. How did the first zebra mussel get to the United States?
8. How can the spread of Zebra Mussels be prevented?

- 9. What effects have zebra mussels had on water pipes?

- 10. How might zebra mussels indirectly affect the temperature of lakes?

- 11. What effect have zebra mussels had on the zooplankton community?

[The Invasion of Zebra Mussels in North America](http://www.trincoll.edu/zines/tj/tj03.13.97/articles/cover.html)

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- 12. What are 2 positive effects that zebra mussels have on an ecosystem?

- 13. What effect does potassium have on zebra mussels?

- 14. How can natural predators be used to control zebra mussel populations?

[Google](#)

Use Google to find the names of 3 other invasive species and list 1 fact about each one.

<u>Name</u>	<u>Fact</u>
15.	
16.	
17.	