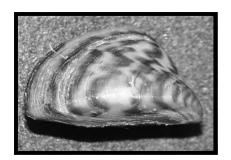
Zebra Mussel

Dreissena polymorpha



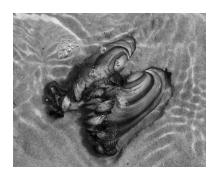
Zebra mussels were possibly introduced to U.S waters by hulls of vessels coming from Europe in the 1800's. From the mussels' primary appearance in the great lakes, they have made their way to many bodies of water throughout the U.S.

The Zebra Mussel is easily spread through leisure and shipping vessels. Thus, without being controlled, it will continue to infest more North American waterways as well as water ways world wide.

The anatomy of a **Zebra Mussel....**

- They are relatively small in size.
- Adults can reach lengths of 1.5 inches.
- Their shells are veiled in a stripe pattern resembling a zebra.
- Their shells tend to be shaped like the letter D.





What is an Exotic Invasive Species....?

It is a foreign species brought to an area where it begins to populate aggressively, slowly diminishing the population of the areas natural species. This happens because the Invasive species has no natural predators and thus, is able to thrive.

Taking a stand. What WE can do...

- 1. Remove any visible vegetation from items in the water: this does include the boat, trailer, and all of the equipment.
- 2. Cleanse engine cooling system, live wells, and bilge with hot tap water.
- 3. Do not re-use bait if exposed to infested waters.
- 4. Dry off your water recreation vehicles at least two days prior to visiting an unaffected area.

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Where they could possibly be found....

How they can affect humans....

Want more info? This is where I went...

Over the years, the Zebra mussel has greatly expanded its living area. These are some states that are affected by Zebra Mussels:

Alabama, Arkansas, Illinois, Indiana, Iowa, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Vermont, West Virginia, Washington, and Wisconsin.



States with zebra mussels in inland and adjacent waters.



Zebra Mussels have the ability to cling to things. They have been found clogging pipes, which makes for extreme plumbing problems. They also have the tendency to attach to boats while they are visiting infested waters.

Need help controlling them...?

There are organizations that are willing to help you learn more about Invasive species as well as helping to prevent their spreading.

- 1. Siuslaw Watershed Council-
- (541)268-3044
- 2. Local Soil and Water Conservation District.
- (541) 997-1272 Florence
- (541) 624-0998 Eugene
- 3. http://oregoninvasiveshotline.org/
- 4. 1866-INVADER

- 1. http://www.gma.org/surfing/human/zebra.html
- 2. http://en.wikipedia.org/wiki/Zebra_mussel
- 3. http://www.dfw.state.or.us/conservationstrategy/docs/ Quagga_Mussel_factsheet.pdf
- 4.http://www.great-lakes.net/envt/flora-fauna/invasive/zebra.html
- 5. http://nationalatlas.gov/articles/biology/a_zm.html
- 6. http://www.protectyourwaters.net/hitchhikers/mollusks_zebra_mussel.php#found
- 7. http://animaldiversity.ummz.umich.edu/site/resources/phil_myers/ADW_molluscs3_4_03/zebra_unionid6317.jpg/view.html
- 8. http://www.twingroves.district96.k12.il.us/WEtlands/ZebraMussel/ZMHumanImpact.html
- 9. http://www.invasivespeciesinfo.gov/

Tessa Spurk Mapleton High School April, 2008