THE JAWLESS FISH

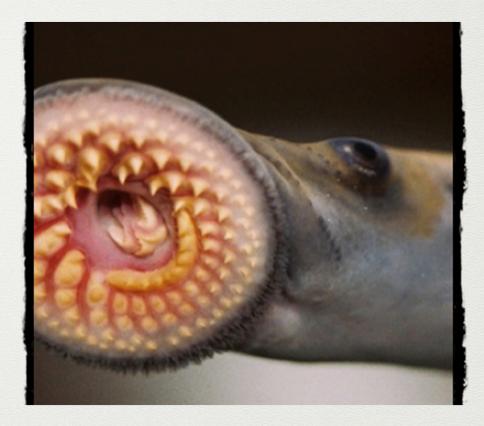
for 6th-8th Science

By Tina Williams

What is an Invasive Species

an organism that is not indigenous, or native, to a particular area
may be aquatic (water) or terrestrial (land)
causes economic and/or environmental harm

What is this?!?



Sea Lamprey

Bighead Carp



Zebra Mussels





Northern Snakehead

Effects of Aquatic Invasive Species

Environmental Costs

- Loss of beneficial native species
- Degradation of water quality
- Disruption of local food web
- Decreased biodiversity



Effects of Aquatic Invasive Species

Recreational Losses

Interference with recreational activities such as:

- Swimming
- Paddling
- Boating
- Sport Fishing



Effects of Aquatic Invasive Species

Economic Impacts

- Damage to infrastructure (clogging dam gates, canals, and irrigation systems)
- Invasive species management and control costs a lot of money
- Can reduce the property value of waterfront homes
- Can negatively impact businesses and tourism

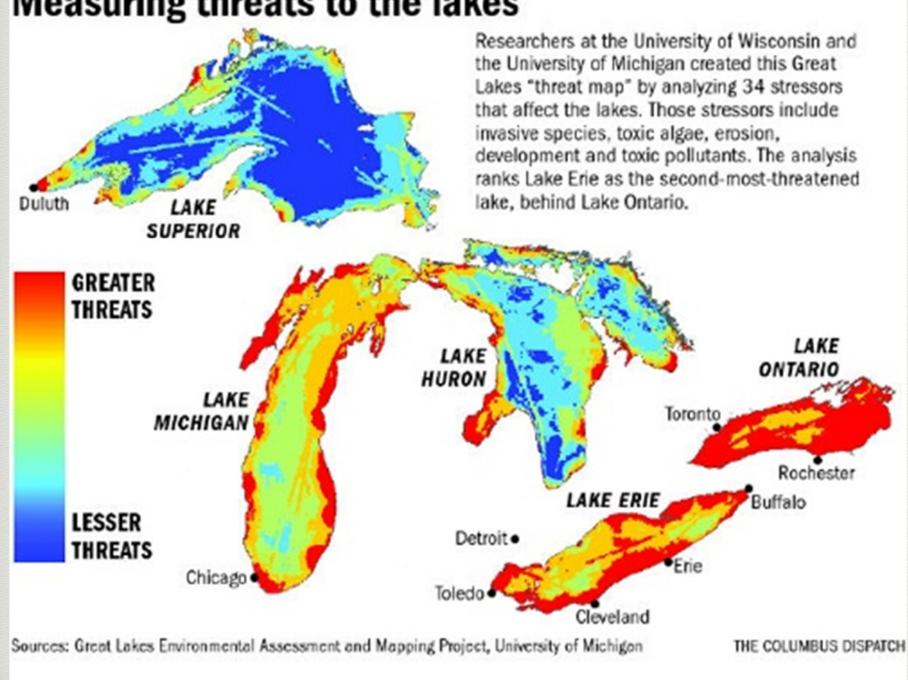


Zebra Mussels invading a shopping cart that was found in the water

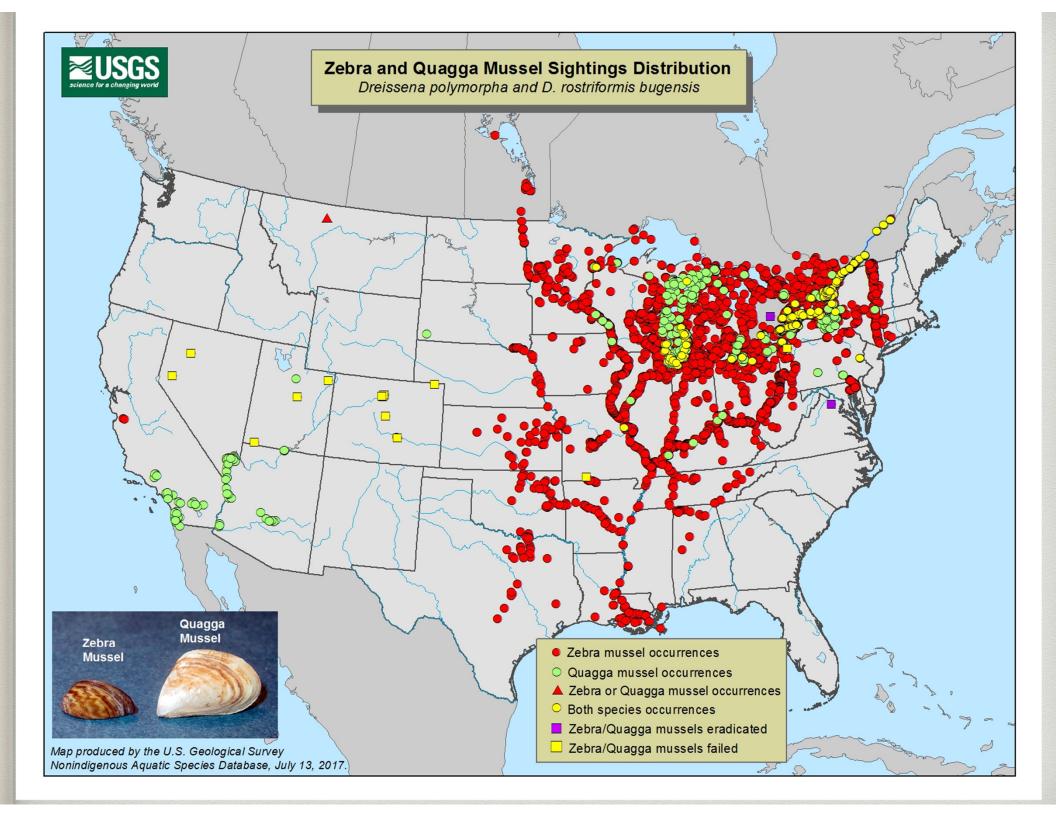
How an Invasive Species Destroys the Environment



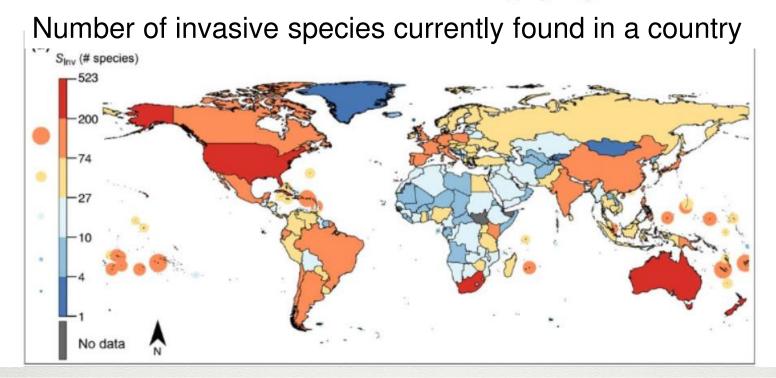
https://www.youtube.com/watch?v=apXUdf1XR-c https://youtu.be/rtsmacpmOlo https://youtu.be/-syhod1yx10?t=26



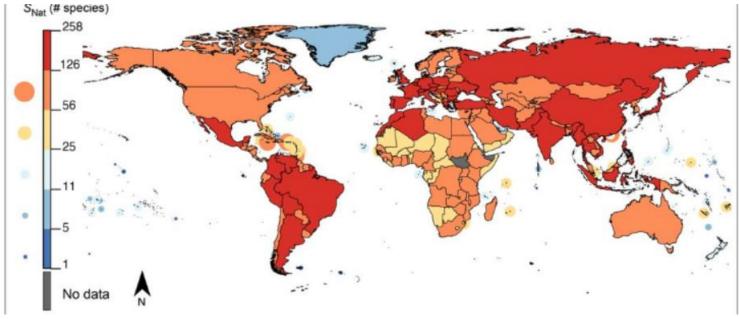
Measuring threats to the lakes



Mapping the global state of invasive alien species



Number of invasive species that came FROM a country and are considered invasive in other countries



How Can We Prevent the Spread?

• <u>Prevent the spread of</u> <u>invasive species</u>



