

# **CARPAGGEDON**

1. How long have Asian Carp been an invasive species in North America?
2. What are some other invasive species that have already caused problems in the Great Lakes?
3. How much does industry have to pay for the clean up of the zebra mussels every year?
4. How many invasive species can be found in the Great Lakes today?
5. Why were the four species: Bighead, Silver, Black and Grass Carps brought into North America?
6. Which two species of carp are most dangerous?
7. How do carps feeding habits affect the food chain in the local environment?
8. Why is electro-fishing used in the Illinois river?
9. Why do carp thrive in the Illinois river?
10. What are some of the initiatives local people in Illinois have used to reduce carp population?
11. What is currently stopping carp from entering the Great Lakes?
12. Why is the market for Asian Carp not as profitable as other native fish?
13. What is bow fishing?
14. What method does Ontario use to prevent an invasion of Asian Carp?

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1. How long have Asian Carp been an invasive species in North America?
  - about 40 years- since the 1970's
2. What are some other invasive species that have already caused problems in the Great Lakes?
  - zebra mussels and round gobies that initially arrived via the ballast water of fishing boats
3. How much does industry have to pay for the clean up of the zebra mussels every year?
  - \$500 million per year
4. How many invasive species can be found in the Great Lakes today?
  - 185
5. Why were the four species: Bighead, Silver, Black and Grass Carps brought into North America?
  - to clean algae and fish ponds to grow catfish
6. Which two species of carp are most dangerous?
  - Bighead and Silver carps
7. How do carps feeding habits affect the food chain in the local environment?
  - they are filter eaters and they eat a lot of plankton, which is the base of the food chain
8. Why is electro-fishing used in the Illinois river?
  - stun fish so scientists can catch and count the number of fish in the water
9. Why do carp thrive in the Illinois river?
  - no predators and they grow very fast
10. What are some of the initiatives local people in Illinois have used to reduce carp population?
  - fishing derby
11. What is currently stopping carp from entering the Great Lakes?
  - electric barriers, chain link fences
12. Why is the market for Asian Carp not as profitable as other native fish?
  - carp is very bony and China is the only market
13. What is bow fishing?
  - using a bow and arrow to hunt carp
14. What method does Ontario use to prevent an invasion of Asian Carp?
  - large fine for smuggling and it is illegal to import

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## ASIAN CARP PROFILE

<http://www.fws.gov/pacific/Fisheries/aquaticnus/AIS%20profile/Asian%20carp.pdf>

[http://asiancarp.org/Documents/AsianCarp\\_PNWRiskEvaluation\\_022208.pdf](http://asiancarp.org/Documents/AsianCarp_PNWRiskEvaluation_022208.pdf)

<http://scienceline.org/2010/03/asian-carp-knocking-at-the-great-lakes%E2%80%99-back-door/>

<http://asiancarp.org/frequently-asked-questions/>

## INVASIVE SPECIES

<http://www.invasivespeciesinfo.gov/international/canada.shtml>

## ZEBRA MUSSELS

[http://fl.biology.usgs.gov/Nonindigenous\\_Species/Zebra\\_mussel\\_FAQs/zebra\\_mussel\\_faqs.html](http://fl.biology.usgs.gov/Nonindigenous_Species/Zebra_mussel_FAQs/zebra_mussel_faqs.html)

[http://seagrant.gso.uri.edu/factsheets/zebra\\_mussel.html](http://seagrant.gso.uri.edu/factsheets/zebra_mussel.html)