

Answers to questions about the UMESC foyer displays

Set 1

1. Name one invasive fish species in the Great Lakes - Mississippi River area? **sea lamprey, round goby or ruffe**
2. What kind of equipment is used to look at Mississippi River photographs and create maps? **stereoscope**
3. What is a method scientists use to track animals from a distance? **radio telemetry**
4. Which bird is a parasite? (It lays its eggs in the nests of other birds)
Brown-headed cowbird
5. Which two birds have nests on the forest floor? **Ovenbird and Blue winged warbler**
6. How many fish species are there in the upper Mississippi River? **154**
7. Which member of the weasel family smells like a skunk? **mink**
8. What are freshwater mussels used for today? **making cultured pearls**

Set 2

1. Fat muckets, pimplebacks, and deertoos are all names of what kind of organism?
freshwater mussels
2. What kind of photographs of the Mississippi River are used to make plant community maps? **color infrared, aerial photographs**
3. How long is the Mississippi River? **2,350 miles**
4. How many Locks & Dams are there on the upper Mississippi River? **29 locks & dams**
5. What kind of animal is a ruffe? **fish**
6. Name one invasive fish species in the Great Lakes - Mississippi River area? **sea lamprey, round goby or ruffe**
7. Are birds warm blooded animals? **yes**
8. Which kind of animal in captivity dunks its dinner before eating? **raccoon**

Set 3

1. TRUE or FALSE: A raindrop falling on Lake Itasca, MN (headwaters of the Mississippi River) will take about 90 days to reach the Gulf of Mexico? **TRUE**
2. How long is the Mississippi River? **2,350 miles**
3. Which Spanish explorer discovered the lower Mississippi River? **Hernando DeSoto**
4. How many invasive fish species are there in the U.S.? **138**
5. Which member of the weasel family smells like a skunk? **mink**
6. How many species of freshwater mussels are there in the United States? **About 300**
7. What is the method scientists use to track animals from a distance? **radio telemetry**
8. Name one bird on the display branch that is also pictured on the wall:
yellow warbler, American redstart, red eyed vireo, or indigo bunting

Set 4

1. The sea lamprey invaded what large bodies of water and was harmful to game fish?
Great Lakes
2. Which bird is parasitic? (It lays its eggs in the nests of other birds) **brown-headed cowbird**
3. Name two birds that make their nests on the ground:
Ovenbird and Blue winged warbler
4. Where does the Mississippi River start? **Lake Itasca, Minnesota**
5. True or False: The Mississippi River is the largest river in the U.S. **False**

6. What can maps and computer technology help land managers and researchers see on the Mississippi River? **habitat change**
7. What were freshwater mussels used for until the 1930's? **making buttons**
8. What method do researchers use to track animals from a distance? **Radio telemetry**

Set 5

1. What kind of scope is used to look at photographs of the Mississippi River in 3-D? **stereoscope**
2. What are freshwater mussels used for today? **making cultured pearls**
3. How many fish species are there in the entire Mississippi River? **250**
4. Which Spanish explorer discovered the lower Mississippi River? **Hernando DeSoto**
5. What invasive nuisance species is coating the bottoms of rivers, including the Mississippi River? **zebra mussels**
6. How many invasive bird species are there in the U.S.? **97**
7. TRUE or FALSE: The Locks & Dams have prevented the natural water cycle on the Mississippi River and aquatic plants have been lost? **TRUE**
8. Name two songbirds from this area that have some yellow feathers:
Prothonotary warbler, yellow warbler, or Blue winged warbler