

Group name: \_\_\_\_\_

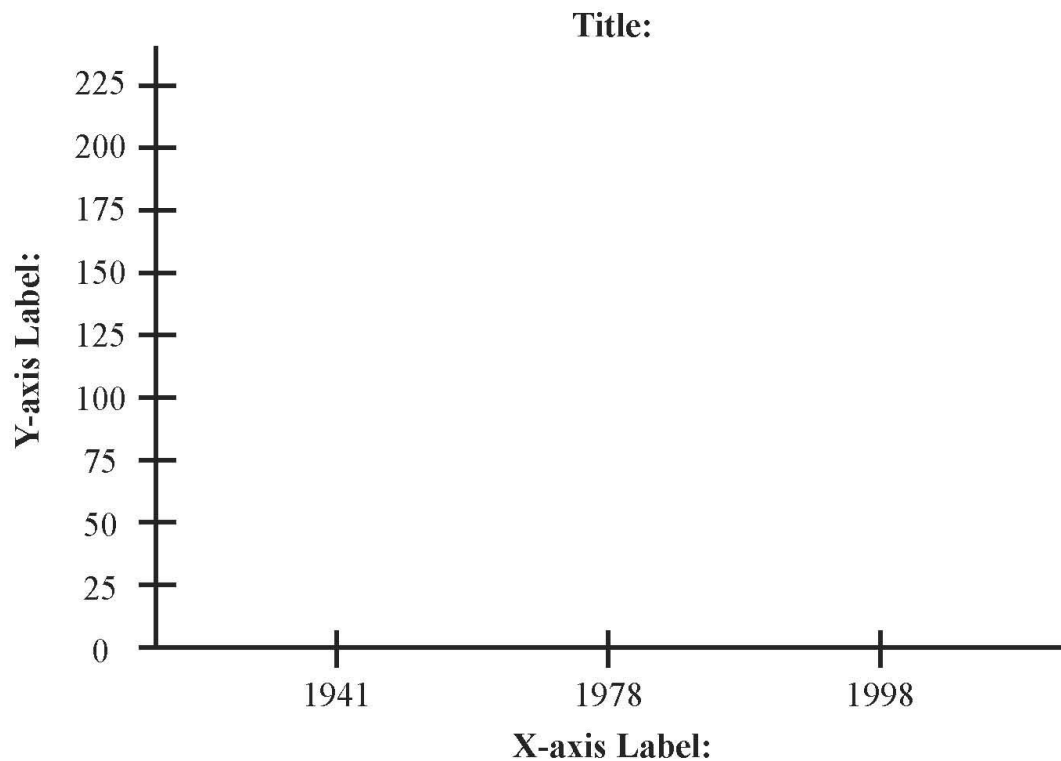
Lyn.P Meyerhoff Maryland Wilderness Scavenger Hunt

**Directions for Teachers/Educational Leaders:** Please guide your team through the scavenger hunt and record your team's responses. Be sure to use the exhibit signs to help you answer the questions. Good luck!

Discussion Points are called SOMETHING TO THINK ABOUT. A good time for teachers and educational leaders to have students discuss prior knowledge or ask questions about the exhibits.

***Walk into the Maryland Wilderness Area and follow the boardwalk along the bog area.***

1. Use the information found on the bog turtle signs to help you create a bar graph of bog turtle populations below. To start your graph, create a title and label the y-axis bog turtle population, and the x-axis years.



Graph questions:

- a. Complete the bar graph by answering how many bog turtle populations were identified in 1941, 1978, and 1998.
  - b. What trend do you see in your graph?
  - c. Is this a good or bad trend for bog turtles? Explain your answer.
2. What 2 other animals, besides the bog turtles might benefit when people protect a bog?  
a. \_\_\_\_\_ b. \_\_\_\_\_
  3. The Zoo's Bog comprises a part of what river's watershed? \_\_\_\_\_

**A watershed is a region draining into a river or ocean: the land area that drains into a particular lake, river, or ocean.**

4. Why is the bog turtle one of the world's top ten endangered species?
  - a. Because they are so small and can't be found in the bog.
  - b. Because they are being poached.
  - c. Because their shells are soft.
  - d. Because they are prone to disease.
5. Can you name two other endangered species?
6. List one "do" and one "don't" suggestion listed on the sign about helping the Chesapeake Bay.
  - a. Do:
  - b. Don't:
7. What are the five habitats featured in the Maryland Wilderness Area?

- A.
- B.
- C.
- D.
- E.

***Enter the Marsh Aviary. Look carefully to your immediate left.***

8. What bird species is represented in this enclosure?  
(Hint: It is known as one of Maryland's natural sanitation engineers)

9. Read the following T chart and make observations about the Ducks that you see.

Diving Ducks	Dabbling Ducks
<ul style="list-style-type: none"> <li>• Legs are further back on body, which help them to propel down in water.</li> <li>• Have a harder time walking on land.</li> <li>• Run across water to fly.</li> </ul>	<ul style="list-style-type: none"> <li>• Have legs closer to the front of their body.</li> <li>• Can fly from almost any position in the water.</li> </ul>

Choose one duck to observe and list what you saw.

Physical features:

Observations:

***Visit the Giant Bird Nests prior to exiting the Aviary.***

10. What bird is pictured next to the cavity nest?\_\_\_\_\_

***Something to THINK about! Why choose this bird to represent cavity-nesting birds?***

11. Can you name 3 other animals that nest in tree holes?

A\_\_\_\_\_, B\_\_\_\_\_C\_\_\_\_\_

***Leave the Marsh Aviary and wander through the Old Beaver Pond enclosure, now the Otter Enclosure.***

12. Enter the Hellbender exhibit and list three features of the Hellbender on the diagram below.



13. Locate the following pond-related objects and areas listed in the chart and Place an X in the proper column.

	Above the water line	Below the water line
Beaver lodge opening and escape hatch		
Beaver den (the living area inside the lodge)		
Gray Fox		
Snail		
Young caddisfly (nymph)		

Adult caddisfly		
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***Continue along the path towards the Mountain Cave Area. Head into the Mountain Cave. Read this section before you enter so you will know what to look for. The darkness of the cave makes it difficult to read.***

***As you enter the cave, look to the right and up. Find the cave cricket and wolf spider exhibit.***

*Something to THINK about! How might cave crickets and wolf spiders find their way through a dark cave?*

***Continue through the cave until you come upon a large skull.***

14. What elephant relative once lived in Maryland? Why does it not live here anymore?

***Travel to the Bat Exhibit.***

15. True or False: The Short tailed bats are native to Maryland.  
Explain your decision: (Hint: Read the information about the bats)

***As you leave the cave, pause and observe the Snake Exhibit on the right.***

16. The rattlesnake has colors to blend into his surroundings, but has a rattle to make a loud noise and stand out. Why does it need the rattle?
17. What common household item can be compared to the forest and its surroundings?  
a. Table, b. Sink, c. Sponge, d. Trashcan

Explain your choice:

***Proceed to the entrance of the Giant Tree.***

18. List five animals that might use a part of the dead tree. (Look for the sign)  
Determine if they are a carnivore, herbivore or omnivore.

Animal	Type of Diet
Example: Fox	Example: Carnivore

19. Which snake in the Giant Tree has stripes that run the length of its body?

*Go down the Tree Slide and take a short side trip to the tree wheel.*

20. Identify the tree with the leaf shapes below:



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

*Go up on the boardwalk and past the turtle shells to the Box Turtle Exhibit and Woodchuck Burrows.*

21. Name an animal that uses a meadow \_\_\_\_\_

22. Name an animal that uses a woodchuck burrow besides a woodchuck \_\_\_\_\_

23. What is the scientific name of butterfly milkweed? \_\_\_\_\_

24. List three reasons why wood turtles and box turtle are threatened.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

***Continue on the trail to the cow barn.***

25. Write down two observations:

1.

2.

***Enter the Barn and go UPSTAIRS!***

26. Why are barn owls disappearing?

27. Is it a good thing or a bad thing that the barn owls are disappearing?  
Explain your answer.

***Once you enter the barn yard area go the farm pond area.***

28. Why does a farmer use a windmill?

29. What forms of wildlife do you see in the farm pond? *(Hint: Look at the sign!)*

***When facing the pond, off to the left is a bird wheel. Please take a look ☺***

30. Match the common bird name to their scientific name (Genus, species)

Common Bird Name	Scientific Name
Yellow bellied Sapsucker_____	A. Cardeulis tristis
American Goldfinch _____	B. Agelainus phoeniceus
Red winged Blackbird _____	C. Sphyrapticus varius

31. Which bird do you think says "Meow"? \_\_\_\_\_

*Walk around the barnyard and observe all the animals. As you exit through the barn yard take a look around.*

32. What is special about all the breeds of farm animals represented in this section of the Zoo?

**Read the poster on Sheep Shearing.**

33. How much can a sheep's fleece weigh? \_\_\_\_\_

**Look at the different sizes of the horses painted on the barn wall.**

34. Based on your height which horse would you be?

- a. Clydesdale
- b. Thoroughbred
- c. Shetland Pony
- d. Sardinian Donkey

**1 Hand = 4 inches**

35. How many hands are you? \_\_\_\_\_

36. How many inches are you? \_\_\_\_\_

37. How do you determine a horse's age?

- a. It's hoof size.
- b. The length of its tail.
- c. The size of its ears.
- d. It's teeth.



**Thank you for visiting the Maryland Wilderness!**

**Enjoy the rest of the zoo!**