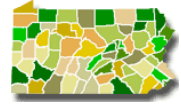


Exploring Pennsylvania's Biodiversity IQ Quiz



Answer the questions based on what you know about PA's biodiversity. Circle ALL the responses that you think are correct.

1. Which of the following PA critters has poisonous saliva that paralyze and kills its prey?
 - a. northern short-tailed shrew
 - b. garter snake
 - c. bobcat
 - d. king fisher

2. This toad has an adaptation on its hind feet that help him dig better than any other PA toad. What is it?
 - a. backhoe toad
 - b. American toad
 - c. fowler's toad
 - d. spadefoot toad

3. This PA plant grows in woodlands and has a chemical that is used to fight some forms of cancer.
 - a. honeysuckle
 - b. American bittersweet
 - c. may apple
 - d. crab apple

4. This PA animal's Native American name "Wapiti" means an animal with a white rump. Which animal is it?
 - a. cottontail
 - b. ermine
 - c. white-tailed deer
 - d. elk

5. Which of these can be found in Pennsylvania?
 - a. a marsupial
 - b. a fish that can grow up to 7 feet in length
 - c. ants that herd aphids for their milk
 - d. a hare that changes color from summer to winter

6. This bird uses its saliva to help "glue" its nest of coarse sticks together. Which bird is it?

- a. chimney swift
- b. night hawk
- c. bluebird
- d. wild turkey

7. This PA frog has similar markings on its head like a raccoon and has the ability to jump away from an enemy and still land facing it. Which frog is it?

- a. leopard frog
- b. wood frog
- c. bull frog
- d. face-mask frog

8. Which of the following PA mammals has tentacles on its nose which are used to increase their sense of touch both in and out of the water?

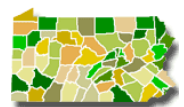
- a. white-footed mouse
- b. raccoon
- c. beaver
- d. star-nosed mole

9. Without fungi, which of the following would you not be able to do?

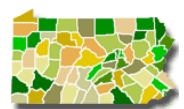
- a. eat pizza topped with pepperoni and mushrooms
- b. bake bread
- c. live in a world free of dead things lying all over the place
- d. put blue cheese dressing on your salad

10. What is the main reason for a Pennsylvania animal species becoming endangered?

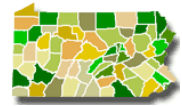
- a. habitat loss
- b. regulated hunting and trapping
- c. road kills
- d. too many predators



11. Finding mayflies in great numbers in your local stream could be an indication of what?
- you have a serious pollution problem
 - good water quality
 - you better not swim there
 - there is a Hydroelectric Dam somewhere upstream
12. Because of its unique flying style and characteristics, this insect has been studied by the United States Air Force in wind tunnel experiments. Which insect is it?
- grasshopper
 - june bug
 - dragonfly
 - potato beetle
13. Which of the following would people have to do without if there were no bees?
- almonds
 - honey
 - apples
 - pickles
14. Also called the "swamp rattler" this snake is small, endangered and one of the three venomous snakes in PA. Which snake is it?
- garter
 - eastern massasauga
 - black rat
 - hognose
15. When their delicate little blossoms began to appear, this threatened Pennsylvania wetland plant was viewed by Native Americans and Colonial Pioneers as a tell-tale sign of spring being around the corner. Which plant is it?
- spring violet
 - harbinger of spring
 - spring crocus
 - daisies



16. Ovenbirds got their name for which of the following reasons?
- a. their reddish brown wings heat up to 212°F when they fly
 - b. the male's call sounds like "oven, oven, oven"
 - c. the female builds her nest on the ground in the shape of a Dutch oven



- d. when the colonies were first settled, these birds were valued for food

17. Blackpoll warblers are tiny birds that migrate between North American and South America each year. Which of the following statements about them are true?

- a. they use the stars for navigation
- b. they make frequent pit stops at fast-food restaurants
- c. they don't really need to migrate
- d. if they burned gasoline instead of body fat for fuel, they would get 720,000 miles to the gallon.

18. This common Pennsylvania plant found in forested wetlands gives off a unique smell when crushed or bruised. It is also a favorite food of black bears emerging from their winter dens. Which plant is it?

- a. plantain
- b. skunk cabbage
- c. wild grapes
- d. cattail

19. Toxins absorbed from the orange butterfly weed plant make both adult butterflies and their caterpillars.....?

- a. orange in color
- b. very ill
- c. unable to crawl or fly
- d. distasteful to birds

20. This animal's deep sleeping habits are being explored by scientists trying to find answers to the problems of human osteoporosis and kidney diseases. Which animal is it?

- a. bog turtle
- b. black bear
- c. sawhet owl
- d. Canada goose