

Ch. 19 Native, Non-Native, Invasive Plants Quiz

Question

1. All the following are true about native plants EXCEPT:
 - A. Grow in the region in which they evolved
 - B. Developed with no human involvement
 - C. Are economically important in agriculture and horticulture such as soybeans and tulips
 - D. Interact with other species of their plant community
2. The benefits of native plants include:
 - A. Providing food and shelter for other species
 - B. Reducing harmful run-off by the creation of a riparian buffer
 - C. Improving soil fertility
 - D. All of the above
3. Which is the BEST statement about non-native plants?
 - A. Are accidentally introduced into a region in which it did not evolve
 - B. Cause harm to natural and/or economic resources
 - C. Threaten Virginia forests, marshes, wetlands, and waterways
 - D. An introduced species that does not cause problems and is beneficial, such as food crops
4. Characteristics of invasive plants include all EXCEPT:
 - A. Ability to out-compete native species
 - B. Rapid growth and maturity
 - C. Provide edible leaves for native caterpillar species.
 - D. High cost of removal and control.
5. In planning a native garden, all would be wise to plant EXCEPT:
 - A. Butterfly weed
 - B. Hollow Joe Pye Weed
 - C. Tree of Heaven
 - D. Flowering Dogwood
6. Which is NOT THE BEST reason to plant a native plant?
 - A. They are adapted to the native climate and require little care like needing less water.
 - B. They can help heal native habitats that have been destroyed by human intervention.
 - C. They can be easily purchased at nursery centers.
 - D. They require few (if any) pesticides or chemical fertilizers

7. A non-native plant that can reproduce and survive in nature without human support is defined as a/an _____ plant.

- A. Voucher specimen
- B. herbarium
- C. naturalized
- D. native

8. In conducting Internet research to learn more about native plants, look for websites that end in all BUT--- (MARK ALL THAT APPLY)

- A. Edu
- B. Gov
- C. Com
- D. Net

9. Nativars are cultivars of native species that are the “Wild Type”?

- A. True
- B. False**

10. Which of the following IS NOT TRUE of a ‘cultivar’ of a native plant?

- A. The brilliant color is a positive enhancement to landscape design.
- B. They are often substituted for native plants at local nurseries.
- C. They are hybridized for desirable traits for both the garden and the gardener.
- D. They offer animals the genotypes with which they have evolved.

11. There are laws that regulate invasive plants in Virginia.

- A. True
- B. False**