

10. How does a sustainable landscape audit differ from a conventional site analysis?

It is very similar. However, during the site analysis, sustainability issues are at the forefront.

Thus, storm water runoff is considered, as are: using plants for energy efficiency; pesticide storage; wildlife habitat enhancement; water conservation; minimizing the need for equipment, especially mowers; and other sustainability issues that may apply.

## /H1/ Chapter 2

1. List the criteria for the NWF backyard habitat program.

Provide food for wildlife, a water source, a place for cover, a place for rearing young; and implement sustainable gardening practices.

2. What segment of the green industry is targeted in the Audubon Society Cooperative Sanctuary Program?

Golf courses.

3. What is meant by carbon sequestration?

Carbon sequestration is the removal of carbon dioxide from the atmosphere. This is accomplished by plants during the process of photosynthesis.

4. On a global scale, what is the location of the greatest amount of carbon storage?

The oceans, which store around 39,000 gigatons of carbon.

5. What are the four main regional ecosystems identified in the United States?

Among the regional ecosystems that have been identified in the United States, the main types are temperate coniferous forests, temperate deciduous forests, prairies or temperate grasslands, and deserts or xeric shrub lands.

6. What environmental condition favors understory plants?

Shade: “Understory plants may be smaller shade-loving trees, shrubs, vines, and herbaceous plants.”

7. What soil-building substance forms on the forest floor from the break-down of organic matter?

Organic matter decomposes into humus, consisting of sticky compounds that help build soil structure.

8. This grass is the dominant species on the American prairie.

Buffalograss, *Buchloe dactyloides*.

9. Riparian habitat is located near what?

Rivers or streams.

10. What is the term used for drought-tolerant desert plants?

Plants that have evolved in a desert climate are drought tolerant xerophytes.