

Soil Layers

A Write true or false

1. The O horizon is rich in organic material like decomposed leaves and plants.
2. Topsoil is also called the A horizon.
3. The E horizon contains minerals washed down from upper layers.
4. The B horizon is where most plant roots are found. — False (Most roots are in A horizon)
5. Bedrock is the R horizon in the soil profile.
6. Parent rock is completely unweathered in the C horizon.
7. Humus is found mainly in the organic layer (O horizon).
8. The topsoil layer contains both minerals and organic matter.
9. The subsoil has a higher concentration of minerals than the topsoil.
10. Soil horizons are the same in every type of soil around the world.
11. The eluviation layer is important for leaching nutrients out of the soil.
12. Rocks found in the R horizon can be easily broken down by plants.
13. The A horizon is usually darker in color compared to lower horizons.
14. Bedrock lies above the parent rock layer in the soil profile.
15. Soil horizons form naturally over thousands of years.
16. The B horizon stores minerals that have been leached from upper layers.
17. The C horizon is mostly organic material.
18. Roots rarely extend beyond the B horizon. — True
19. Soil horizons are labeled from top to bottom as O, A, B, E, C, R.
20. The soil profile helps scientists understand the soil's formation and fertility.