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Biological Treasure Hunt Eastern Deciduous Forest Biome

This Biological Treasure Hunt is a way to learn about your environment while gathering specimens for your collection. Encourage your family and friends to participate in this activity with you. Have fun together and enjoy the beauty of our West Virginia Hills. Ask questions and be curious.

Collect the specimens listed below. Each item can only be used once in the collection. You must have at least 20 specimens, each worth 5 points, to receive a total of 100 points. The project counts twice for a total of 200 points. You may collect more than 20 specimens for Bonus points.

The specimens must be in good condition and prepared properly for this biological collection. You must follow your teacher's instructions for the preparation and display of your specimens. You are encouraged to research any item listed on the list for which you need more information. Your textbook is a GREAT resource for many of these items.

You must include the score sheet with your display.

Scroll down for the Score Sheet

Student Name _____

Due Date _____

Biological Treasure Hunt Score Sheet

SPECIMENS

1. Lichens	
2. Moss **with sporophyte	
3. Fern **with sori	
4. Oak leaf	
5. Maple leaf	
6. Ginkgo leaf	
7. Sassafras leaf	
8. Pine cone **with seeds	
9. A compound leaf	
10. A whorled leaf arrangement	
11. An opposite leaf arrangement	
12. An alternate leaf arrangement	
13. A taproot (remove soil)	
14. A fibrous root (remove soil)	
15. A dicot flower	
16. A monocot leaf	
17. Natural food for wildlife *must identify	
18. Seed that is dispersed by hitch-hiking on animals or by wind	
19. An edible wild plant for humans *must identify	
20. Woody stem showing at least five annual growth rings (rings must be clearly visible)	
21. Evidence of a wild animal (no feces) *must identify	
22. Evergreen leave or needles	
23. A bracket fungus or shelf fungus	
24. An insect (be careful of stings)	
25. A thorny stem (use caution)	
26. An herbaceous stem	
27. A sandstone rock	
28. A limestone rock	
29. A piece of WV bituminous coal	
30. A fossil from WV	
31. Photograph of a WV bird (taken by you or a family member)	
32. A picture of you involved in conservation effort	

****ALL specimens should be DRIED properly before placing in plastic bag for display.**

****Each specimen should include a label that also includes date when collected and location found.**