

## Key Leaf Terms

**Deciduous** - sheds leaves in the fall. Includes most broad leaf and some needle species, such as larch

**Evergreen** - leaves stay on all year. Includes most needle species and some broad leaf plants such as rhododendron

**Broad leaf** - leaves are wide, flat, and take on a variety of shapes and sizes

**Needle leaf** - eaves are small and thin, can be very long (over a foot) to very short

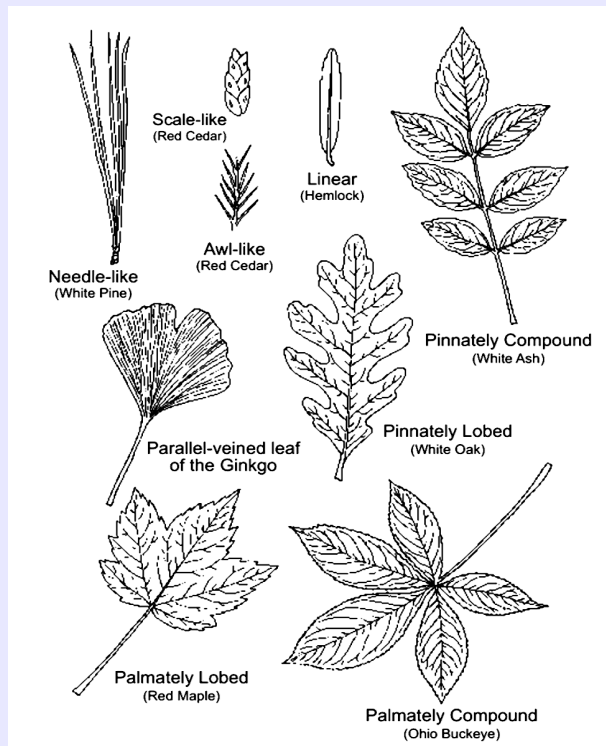
**Fascicle** - needles may grow in clusters with a set number of needles per group

**Simple Leaf** - a broad, single leaf

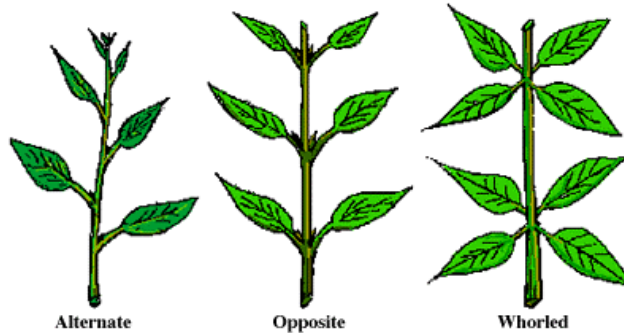
**Compound Leaf** - a group of tiny “leaflets” arranged on a stem that make up a leaf - entire piece is shed annually

**Palmate** - Veins originate from base of stem and spread out from one point

**Pinnate** - Main vein branches into smaller veins along the length of the leaf



Leaf Pattern Examples



Use the QR Code below to access the DCNR Common Trees of PA book to help you identify your own trees!



## For More Information

Little Buffalo State Park  
1579 State Park Road  
Newport, Pa 17074  
(717)-567-9255



**pennsylvania**  
DEPARTMENT OF CONSERVATION  
AND NATURAL RESOURCES

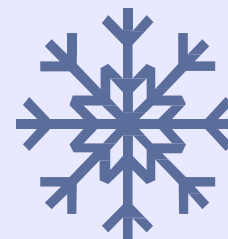
## Winter Trees of Little Buffalo

### *Self-guided Hike - Mill Race Trail*



Want to learn about trees in your forest? Take our self-guided tree hike and become introduced to several common trees of Little Buffalo along the Mill Race Trail.

Test your skills along the way and use this brochure to guide you along the trail.



\*Meant for ages 12 & up with adult help\*

## Little Buffalo State Park

Start at the playground in the Mill Area of the park near the stage and Pavilion  
3. Walk to the large tree with a white top in front of the swing set to begin.

1. This large, mostly white tree is an American Sycamore. What likes to eat the seeds of a sycamore?

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2. Just next to it stands the straight and tall tulip popular. Name an animal that uses its flowers.

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3. Walk just past the pavilion for tree #3, the American Beech. What disease threatens these important wildlife trees?

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4. Cross the path to the back of the stage and take a closer look at the Eastern Hemlock, our state tree. How does this tree help trout?

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Needles of the Eastern Hemlock



## Self-Guided Winter Tree Walk

5. Your next tree is right behind you, in the middle of the path! In fact, don't trip on the roots - maples such as this red maple have shallow roots, so avoid planting them next to buildings and pathways. How many gallons of sap would you need in order to get a gallon of syrup from this tree?

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6. Cross the narrow concrete bridge towards the train car - #6 will be on the corner. This is a Northern Red Oak. Which types of acorns are slightly more preferred by wildlife, red or white?

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Oak buds, which are small, scaly, brown, and football shaped.

7. Look across the path, just behind the train car, for #7. This is a black birch. Can you name two other species of birch found in PA?

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Now follow the path along the old Sherman's Valley Railroad bed and take the Mill Race Trail. We are going to quiz you on some of the trees you've just learned! Look for the orange numbered ribbons for your quiz trees. After finding all 7 quiz trees you will meet trees 8-10.

## Shoaff's Mill Area

Quiz # 1. \_\_\_\_\_

Quiz #2. \_\_\_\_\_

Quiz #3. \_\_\_\_\_

Quiz #4. \_\_\_\_\_

Quiz #5. \_\_\_\_\_

Quiz #6. \_\_\_\_\_

Quiz # 7. \_\_\_\_\_

**\*\*Hint - each tree we learned will be found once!**

8. We are nearing the end of the mill race, standing at the end of the mill race pond. Tree #8, a black locust, is standing next to the mill race scoop. What is so unique about its wood?

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9. Next to it stands several large black walnut trees. Why should you not plant one by your garden?

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10. Continue towards Clay's Bridge for your last tree, the Shagbark Hickory. Why do bats love this tree?

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**Congratulations! You have finished the Tree ID guided walk. You may stop by the office to claim your prize or email us your answers at [littlebuffsp@pa.gov](mailto:littlebuffsp@pa.gov).**