1) Sassafras  
*Sassafrass albinum*  
N38 55.006 W90 13.268  
Leaf: Green, 3 distinct shapes, Aromatic  
Bark: Grey-brown, rough

2) Red Oak  
*Quercus Rubra*  
N38 55.035 W90 13.262  
Leaf: 7-9 Lobes with bristle tipped teeth  
Bark: Dark Grey with hard, scaly ridges  
Fruit: Acorn with shallow saucer-shaped cap

3) Eastern Redbud  
*Cercis canadensis*  
N38 55.033 W90 13.228  
Leaf: Heart shaped, and toothless  
Fruit: Bright pink flowers and flattened seed pods

4) Black Oak  
*Quercus velutina*  
N38 55.031 W90 13.227  
Leaf: Large, shiny green with bristles  
Bark: Smooth, grey on young trees, black and deeply furrowed on older trees  
Fruit: Acorns with ragged caps

5) Riverbank Grape  
*Vitis riparia*  
N38 55.011 W90 13.193  
Leaf: Palmate with 3lobes, large teeth on margins  
Vine: Thick with shaggy bark  
Fruit: Berries are dark violet with whitish bloom

6) Pin Oak  
*Quercus palustis*  
N38 55.009 W90 13.154  
Leaf: Shiny, hairless, deeply lobed with bristles  
Bark: Grey to brownish-grey, rough. Low branches droop towards the ground  
Fruit: Small, darkly colored acorns

7) Green Ash  
*Fraxinus pennsylvanica*  
N38 55.008 W90 13.138  
Leaf: Compound, pinnate with 7-9 leaflets  
Bark: Diamond-shaped furrows with flat scaly ridges.

8) American Persimmon  
*Diospyros virginiana*  
N38 55.002 W90 13.120  
Leaf: Bright green with pointed tip  
Bark: Blackish-grey and deeply furrowed, forming irregular squares (alligator skin)  
Fruit: Small, round, red-orange fleshy fruit

With the help of a GPS Unit, find each of the tree species.

Trail Length:  
Trail Start:  

Want to find more treasures along TNI Trails? Scan the code to unlock more.

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**Glossary of Terms**

- **Bristles**: a hair-like prickle  
- **Aromatic**: having a spicy odor when crushed  
- **Palmate**: a leaf that is radially lobed or divided  
- **Margins**: an edge of a flat structure  
- **Bloom**: a whitish, powdery, or waxy covering  
- **Lobed Leaf**: a leaf whose margin is shallowly divided  
- **Compound Leaf**: one divided into smaller leaflets  
- **Pinnate**: the feather vein pattern of simple leaves or leaflets arranged on each side of a compound leaf  
- **Asymmetrical**: having a different shape on each side of a central axis

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**Tree Trail**  
**Olin Nature Preserve**  
2213 S Levis Lane  
Godfrey, IL 62035  
618.466.9930  
www.TheNatureInstitute.org
9) Slippery Elm
*Ulmus rubra*
N38 54.581 W90 13.113
Leaf: Asymmetrical, toothed, sandpaper texture
Bark: Greyish with shallow furrows and narrow ridges

Fruit: Small pale with a pale purple cap

10) Mockernut Hickory
*Carya tomentosa*
N38 54.569 W90 13.121
Leaf: Compound, hairy leaflets, finely toothed edges
Bark: Grey to dark grey and course with deep furrows
Fruit: Large fruit with a small nut inside

11) Bur Oak
*Quercus macrocarpa*
N38 54.567 W90 13.122
Leaf: Shaped like a fiddle with rounded lobes
Bark: Light grey-brown with Low ridges, shallow furrows
Fruit: Acorns are small with deep fringed cup

12) Chinkapin Oak
*Quercus muehlenbergii*
N38 54.568 W90 13.141
Leaf: Shallow lobes are tooth-like
Bark: Light grey to grey, thin, and flaky
Fruit: Small pale with a pale grey warty cap

13) Pignut Hickory
*Carya glabra*
N38 54.568 W90 13.143
Leaf: Compound, pinnate with usually 5 leaflets, finely toothed
Bark: Grey to grey-brown, shallow ridges
Fruit: Smooth hairless husk with tan nut inside

14) Shingle Oak
*Quercus imbricaria*
N38 54.568 W90 13.146
Leaf: Smooth, shiny no lobes
Bark: Grey to brown, rough, narrowly furrowed
Fruit: Small brown acorns with a light brown cap.

15) Honey Locust
*Gleditsia triacanthos*
N38 54.568 W90 13.147
Leaf: Doubly-pinnate leaves, yellowish to green leaflets
Bark: Light grey to grey-black, 3 part spines along trunk and limbs
Fruit: Spirally twisted dark brown pods

16) Common Hackberry
*Celtis occidentalis*
N38 54.568 W90 13.202
Leaf: Toothed, yellowish green, asymmetrical
Bark: Grey to brownish grey, warty texture
Fruit: Small purple-black to orange-red fruit with a large seed inside

17) Red Mulberry
*Morus Rubrum*
N38 54.569 W90 13.204
Leaf: Both lobed, complete with toothed margins, rough texture
Fruit: Small fleshy, berry like fruit, dark purple when ripe

18) White Oak
*Quercus alba*
N38 54.581 W90 13.236
Leaf: Medium green, 3-5 pairs of lobes with rounded tips
Bark: Light grey, shallow furrows
Fruit: Greenish-brown acorn with light tan warty cap

19) Black Cherry
*Prunus serotina*
N38 54.578 W90 13.244
Leaf: Shiny green with fine teeth along margins
Bark: Reddish brown to brown-black, rough, resembles burnt potato chips
Fruit: Dark purple fleshy fruit

20) Hawthorn
*Crataegus sp.*
N38 54.581 W90 13.272
Leaf: Leathery with wedge shaped bases and rounded tips, toothed margins
Bark: Grey rough and scaly with spiny twigs and branched thorns
Fruit: Red and fleshy but dry

21) Swamp Privet
*Forestriera acuminata*
N38 54.591 W90 13.303
Leaf: Dull yellowish-green, usually smooth
Bark: Grey to dark Brown, smooth or ridged
Fruit: Dark purple and oblong fruit swam.

22) Black Walnut
*Juglans nigra*
N38 55.004 W90 13.304
Leaf: Medium green, compound, pinnate
Bark: Grey to nearly black, deeply furrowed
Fruit: Large nut with thick, green, aromatic husk

23) Black Locust
*Robinia pseudoacacia*
N38 55.014 W90 13.309
Leaf: Compound, pinnate, yellow-green to medium green leaflets
Bark: Brown to black with furrows, stout thorns on twigs and branches
Fruit: Flattened dark brown seed pods

24) Mystery Tree
*N38 55.031 W90 13.274*
Can you identify this tree?
Look at the leaf edges, acorns and bark