

1) **Sassafras**

*Sassafras albinum*

N38 55.006 W90 13.268

Leaf: Green, 3 distinct shapes, Aromatic  
Bark: Grey-brown, rough

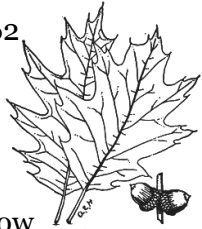


2) **Red Oak**

*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 N90 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 3 lobes, large teeth on margins  
Vine: Thick with shaggy bark  
Fruit: Berries are dark violet with whitish bloom



6) **Pin Oak**

*Quercus palustris*

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.

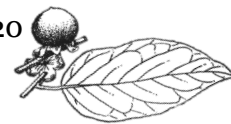


8) **American Persimmon**

*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.



**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



# 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



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**

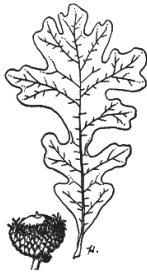
*Quercus macrocarpa*

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**

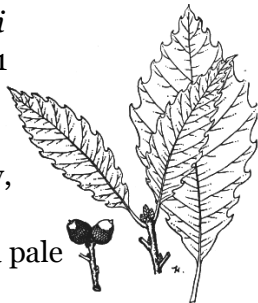
*Quercus muehlenbergii*

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 W 90 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



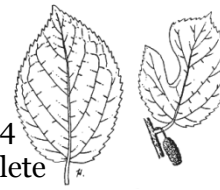
17) **Red Mulberry**

*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**

*Forestiera acuminata*

N38 54.591 W 90 13.303

Leaf: Dull yellowish-green, usually smooth

Bark: Grey to dark Brown, smooth or ridged

Fruit: Dark purple and oblong fruit swamp



22) **Black Walnut**

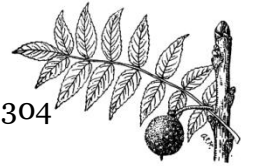
*Juglans nigra*

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