


A-MAZE-D BY TREES? A Hardwood Tree ID Guide

Sycamore
Very large
5-lobed
Leaves



Leafy
clasps
on leaf
stems

Tulip Tree
Leaf top
widely
notched



Oblong leaves
(Acorns) **Shingle Oak**

Long narrow
leaves **Willow**

Aspen Leaves almost round

Star-shaped
leaves **Sweet
Gum**

Oval leaves **Persimmon**

Finely toothed
leaves **Cherry**

Cottonwood Triangular
Leaves

Flat
Leaf
Stems

Round
Leaf
Stems

Heart-shaped leaves
with entire margins **Redbud**

Leaves broader
near the tips **Black Gum**

Coarsely toothed
leaves **Beech**

Sassafras Entire Margins

**Long
Leaf
Stems**

Heart-shaped
Leaves with
toothed margins **Basswood**

Entire
Leaf
Margins

**Leaf Margins
Singly Toothed**

Lopsided leaf
bases **Hackberry**

Mulberry Toothed Margins
Varied
Leaves

Simple

|| Short Leaf Stems →

**Double
Toothed
Margins**

Thorns &
Big
Hedge
Apples
**Osage
Orange**

Lobed Leaves
& Acorns
OAKS

Bur



Leaves
Thick & Rough

Leaves
Thin & Smooth

Black



The red
oak
group
has
bristle-
tipped
leaves.

The
white
oak
group
has
leaves
without
bristle-tips.

White



**American
Elm** Slightly Rough
Leaves & Brown Twigs

Shiny Leaves
Papery Pink Bark **River
Birch**

Red



Pin



Shingle



Chestnut



**Slippery
Elm** Very Rough
Leaves & Gray Twigs

Sm. Gray Bark
Muscular Ridges **Blue
Beech**

Chinquapin



Swamp White



Shreddy Bark
1" Oval Fruits **Iron-
Wood**

Alternate

Compound

|| → **Hickories** →

**Black
Locust** 7-17
Leaflets
& Thorns

**Black
Walnut** 13-23
Leaflets &
Chocolate
Bark

Shagbark 5 Leaflets &
Shaggy Bark

White 7 Leaflets &
Big Buds

Pignut 5-7 Leaflets &
Little Buds

Bitternut 7-9 Leaflets &
Yellow Buds

Doubly Compound (The 1st is singly & doubly compound)

Long
Branched
Thorns

Honey Locust

Thick twigs with
a mottled color

Coffee Tree

Boxelder 3-5
Leaflets
on Green
Twigs

White Ash 5-9 Leaflets
(usually 7)

Buckeye 5 Leaflets
Arranged
Like a Hand

**Sugar
Maple** Leaf
Crotches
Rounded

**Silver
Maple** Deeply Cut

**Red
Maple** Shallowly Cut

Dogwood Oval
Leaves

Simple (The 1st three have 3-5 lobed leaves)



Leaf
Crotches
Sharp

Begin

LEAVES

Opposite

Scale-Like

Flattened Scales
in Flat Sprays **Arborvitae**

Needles

Tamarack Deciduous
1" Long

White Pine
Fine
3-5"

Small Narrow
Scales **White Cedar**

MANY

5

New Growth
Sharp & Prickly **Red Cedar**

Tufts of ...?

Begin

3

2

Pitch Pine <5"; Rigid
Needles on Trunk

>3"
<3"
5-6"; Some 3's
Long Sheaths
Brittle **Red Pine**

Ponderosa Pine 5-8"; Stout
Some 2's

Jack Pine 1 1/2"
Divergent

3-5"; Some 3's
Whitish Twigs **Shortleaf Pine**

Longleaf Pine 8-18"; Stiff
Slender

Scotch Pine Twisted 2-3"
Orange Bark

4-5"; Stiff
Curved
Ragged Sheath **Austrian Pine**

Virginia Pine 1 1/2 - 3"
Stout; Twisted

Long

Flat Flexible Needles

<1/2"; Yellow-Green
Hairy Buds & Twigs **Red Spruce**

Hemlock 1/2"; White Beneath
in 2 Flat Rows

<1/2"
Hairy Buds & Twigs
Wetlands Tree **Black Spruce**

Balsam Fir 1 - 1 1/2"
Leaf Scars, Flat & Round

3/4 - 1"; Blue-Green
Hairless Twigs; Old Fields **White Spruce**

Bald Cypress 3/4" Feather-Like
Green Beneath

Single

Douglas Fir 1"; Grooved Above
Buds Red-Brown

1/2 - 1"; Curved, Flat Spray
Blue-Grey to Silver **Colorado Spruce**

**FEELING NEEDLED?
A Conifer ID Guide**

4-Sided Stiff Sharp Needles

1/2 - 1"; Curved, Dark Green
Drooping Appearance **Norway Spruce**