










Pictures - young bark, mature or old bark, leaves (on ground for deciduous trees, on twigs for evergreens); in the right column are the species name, space to write preserve name where found, young, mature & old bark, and leaf descriptions. To play: find a tree species which matches one or more of the pictures in the left column and bark & leaf descriptions in the right column and enter the preserve name.

Young bark occurs on both small trees and at the upper levels of mature or old trees.

Some trees don't exhibit distinct changes in appearance of bark at different ages; thus a few left columns have only two pictures bark and leaf.

young bark, mature or old bark, leaf	Species name, preserve name, bark, and leaf description
	<p style="text-align: center;"><u>Bigtooth aspen</u></p> <p>Preserve: _____</p> <p>Young yellowish to greenish gray, smooth, with diamond shaped lenticels on lower trunk,</p> <p>Mature darker brown to gray, furrows divide flat ridges at tree base,</p> <p>Old trees furrows deepen with age.</p> <p>Leaves Broadly egg shaped, coarsely & irregularly toothed</p>
	<p style="text-align: center;"><u>Paper Birch</u></p> <p>Preserve: _____</p> <p>Young white, often with orange tinge, thin, horiz., light-colored lenticels</p> <p>Mature white to creamy white with thin, dark. horiz. lenticels, outer layers peel in curly strips</p> <p>Old trees gray rough irreg. bark sects. among white, especially at base, lenticels thicker and darker</p> <p>Leaves Ovate, sharp pointed, 2-4 " lg, doubly toothed</p>
	<p style="text-align: center;"><u>Eastern hemlock</u></p> <p>Preserve: _____</p> <p>Young reddish brown to reddish gray, broken into roundish scales, approx. quarter dollar size, cinnamon-red bark beneath</p> <p>Mature & Old trees scales thicker, broken by furrows into ridges furrows deeper, ridges thicker, often broken into irregular blocks</p> <p>Leaves flat, tapering, 1/2 - 2/3" long, rounded at tips</p>
	<p style="text-align: center;"><u>Northern Red Oak</u></p> <p>Preserve: _____</p> <p>Young greenish gray to brown, smooth, round to oblong lenticels sometimes visible;</p> <p>Mature & blackish furrows separate smooth lighter colored often lustrous ridges</p> <p>Old trees ridges rougher and more broken</p> <p>Leaves vary in shape, 5-8" lg, with bristle tipped lobes, rounded valley bottom between lobes</p>

young bark, mature or old bark, leaf	Species name, preserve name, bark, and leaf description
	<p style="text-align: center;"><u>American Beech</u></p> <p>Preserve: _____</p> <p>Young smooth, gray to bluish gray bark, Mature & Old trees still smooth, but darker & mottled with small patches of different color; Leaves elliptic, acutely pointed, 3-5" lg, w coarse, hooked teeth.</p> <p><u>Note</u> many trees have black cankers from Beech Bark disease, these block sap flow across their width.</p>
	<p style="text-align: center;"><u>Northern White Cedar</u></p> <p>Preserve: _____</p> <p>Young reddish brown to gray, shallow fissures divide surface into narrow vertical strips, Mature & Old trees grayer, stiffer strips, numerous cross-thatched ridges Leaves usually only 1/8" long, scale-like, arranged to make small branches flat in shape,</p>
	<p style="text-align: center;"><u>Eastern White Pine</u></p> <p>Preserve: _____</p> <p>Young smooth, gray to greenish gray, light colored dash-like lenticels, Mature & Old trees grayish to reddish brown, layers of scales form ridges, broken horizontally into irregular blocks in clusters of 5, 3-5" long,</p>
	<p style="text-align: center;"><u>White Ash</u></p> <p>Preserve: _____</p> <p>Young squarish scales, Mature & Old trees rough intersecting ridges w elongated vertical diamond shape, separated by furrows which taper and close at top & bottom) Leaves 8-12"lg, usually 7 leaflets, 3-5"lg. oval to lance-shape, fall individually,</p>
	<p style="text-align: center;"><u>Tamarack</u></p> <p>Preserve: _____</p> <p>Young grayish to reddish brown with irregular scales Mature & Old trees grayer with newly exposed bark reddish, scales are somewhat thicker and stiffer, Leaves deciduous, linear, about 1" lg, in clusters of 8 or more, in fall, turn smoky gold clusters disintegrate when they fall,</p>