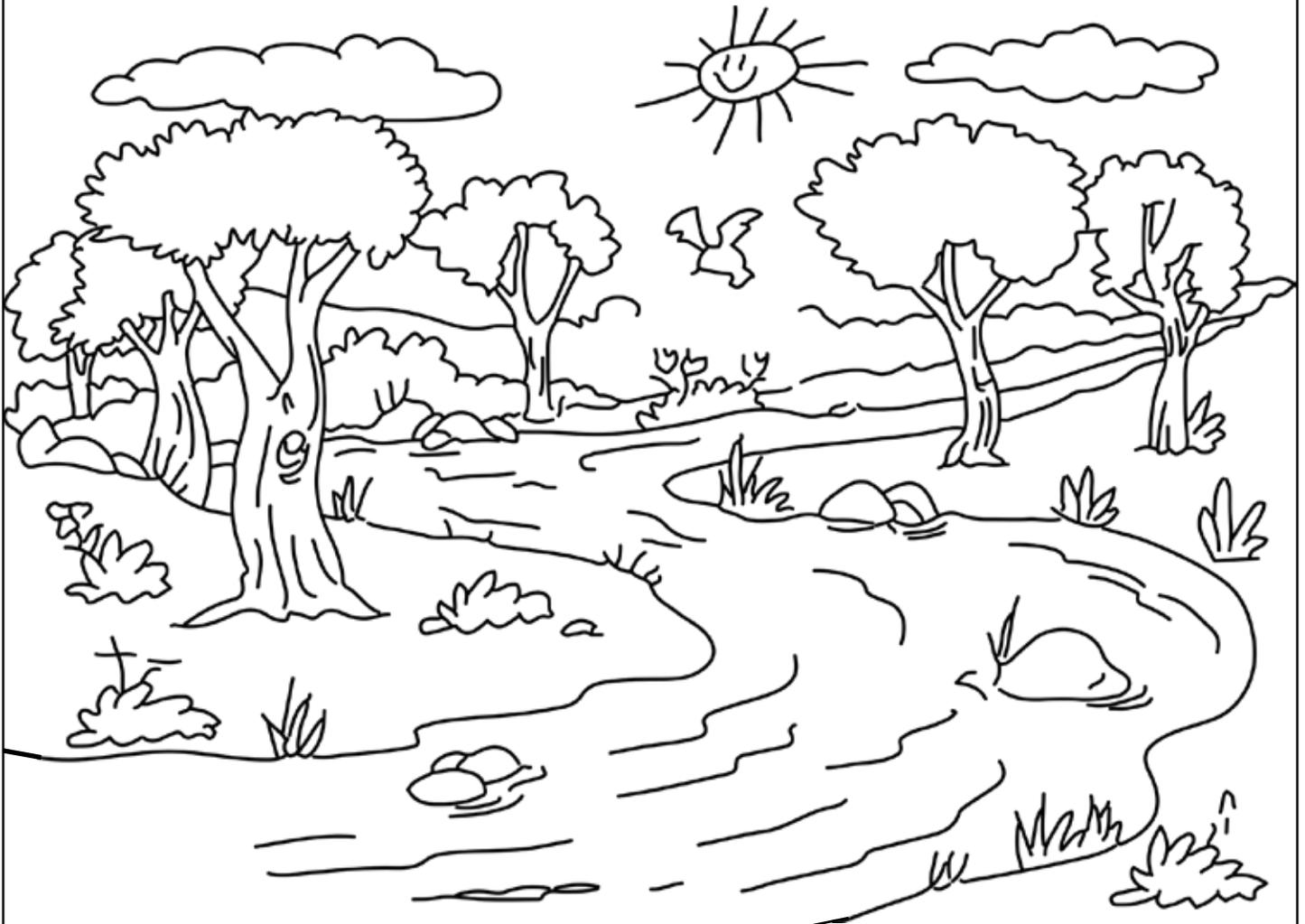




SCIENTISTS
IN SCHOOL
SCIENTIFIQUES
À L'ÉCOLE

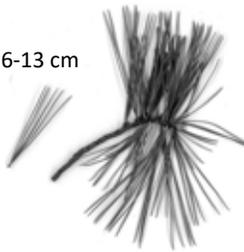
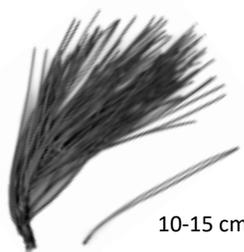
TREE FINDERS GUIDE

For Common Trees in Southern Ontario



I never knew
trees were so
cool!

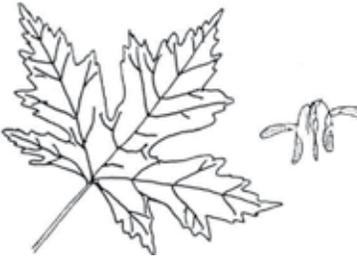
CONIFEROUS TREES

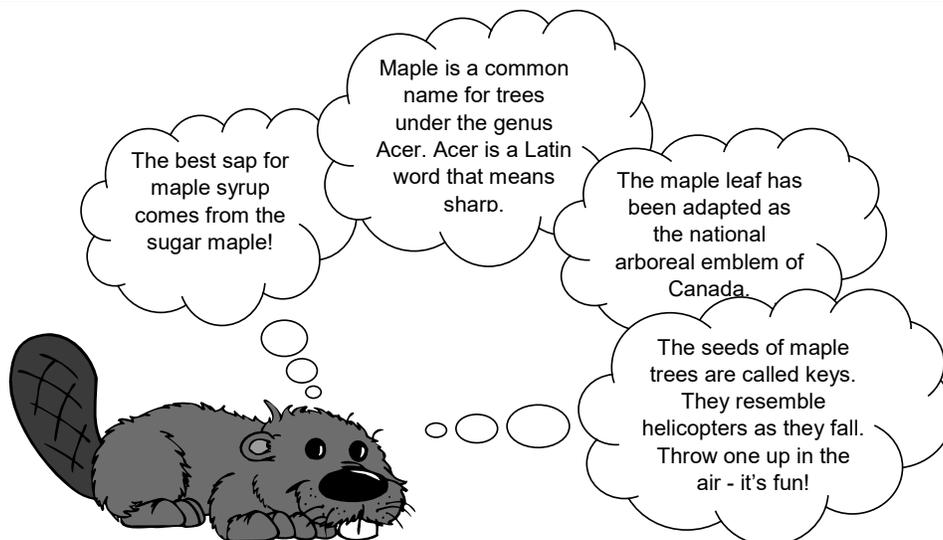
<p>6-13 cm</p>  <p>Eastern White Pine I have soft needles in clusters of five.</p> <p>8-20 cm</p> 	 <p>Red Pine I have stiff needles in clusters of two.</p> <p>10-15 cm</p> <p>4-6 cm</p> 
 <p>Scots Pine I have stiff needles that look twisted and are in clusters of two.</p> <p>3-7 cm</p>  <p>4-6 cm</p>	 <p>White Spruce I have short, single needles that form cylinders around my twigs. Each of my needles feels four-sided.</p> <p>5 cm</p> 
 <p>Blue Spruce People often plant me because of my pretty blue colour. I have short, single needles that form cylinders around my twigs. Be careful - my needles are very sharp!</p>	 <p>Norway Spruce I have short, single needles that form cylinders around my twigs. Each of my needles feels four-sided and my branches are droopy.</p>
 <p>Eastern White Cedar I have needles that are overlapping scales. My tiny cones are found in clusters.</p> <p>1 cm</p> 	 <p>Hemlock I have single, short needles with a white line on the underside and flattened branches.</p> <p>2 cm</p> 



DECIDUOUS TREES

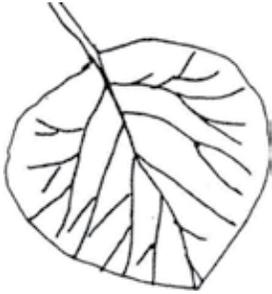
with opposite branching and leaves

	<p>Sugar Maple My leaves have three lobes and are U-shaped in between. When you split a leaf stem, my sap is clear.</p>		<p>Norway Maple My leaves have 5 major lobes. When you split a leaf stem, my sap is milky.</p>
	<p>Red Maple My leaves are V-shaped and very toothed between the lobes.</p>		<p>Silver Maple My leaves are green above, silvery underneath and V-shaped between the lobes.</p>
	<p>Ash-leaf Maple I am the only species of maple with compound leaves. Each leaf has 3-7 light green leaflets with wavy edges.</p>		<p>White Ash I have compound leaves with 7 dark green leaflets. When I am older, my bark has a diamond pattern.</p>
	<p>Dogwood I am a shrub. My leaves have smooth edges and curved veins. My twigs are usually red.</p>		<p>Horse Chestnut I have compound leaves shaped like a hand. In the fall I produce chestnuts for the squirrels to eat.</p>



DECIDUOUS TREES

with alternate branching and leaves



Trembling Aspen

I have small, almost round leaves that tremble in the wind. This is because they are attached by a very long stem, called a petiole.



Large-toothed Aspen

I have large, round leaves with teeth that are widely spaced.



Cottonwood

I have wide, shiny, triangular leaves with small wavy teeth.



Balsam Poplar

Like my cousin the Cottonwood, I have triangular leaves. My leaves are a thinner triangle than the Cottonwood's.



Red Oak

My leaves have lobes with pointed tips. Like all oaks, my seed is an acorn.



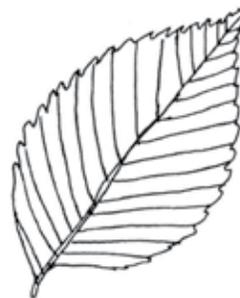
White Oak

My leaves have lobes with rounded tips.



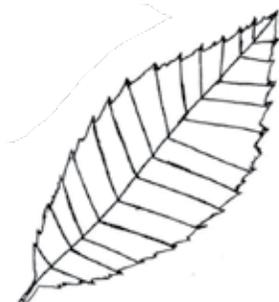
Burr Oak

My leaves have lobes with rounded tips and a very narrow base. My acorns have a cap that covers half of the acorn.



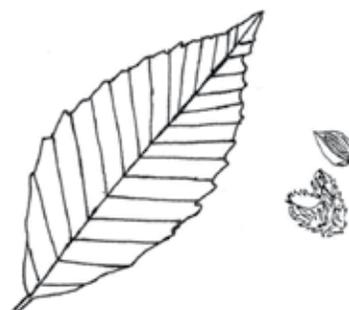
Elm

My leaves are rough with parallel veins and usually unsymmetrical.



Ironwood

I have soft leaves arranged in two rows along my twigs. My bark looks stringy.

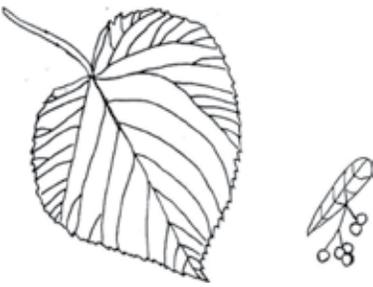
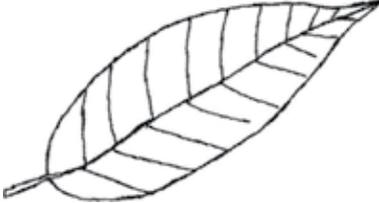
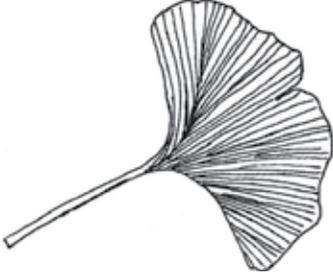


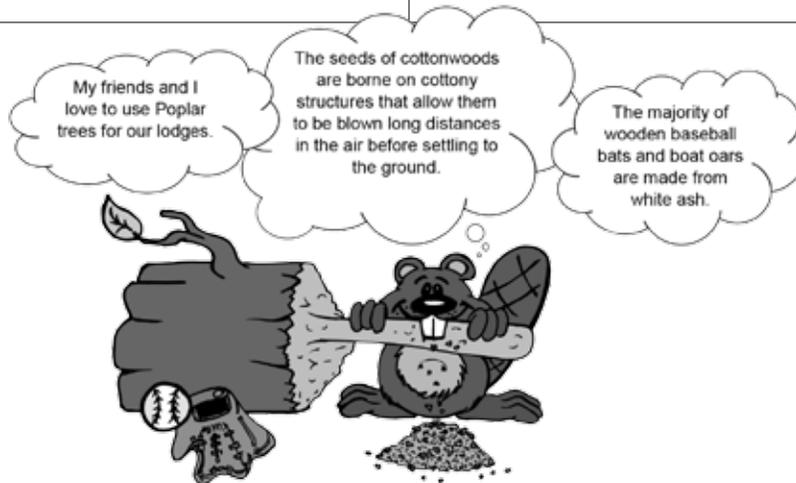
American Beech

My leaves are stiff with long pointed tips and veins which run in parallel lines. I have smooth, light-grey bark. My trunk looks like an elephant's leg.

DECIDUOUS TREES

with alternate branching and leaves

 <p>White Birch My leaves are dark green above and finely toothed. My seeds form in clusters. My bark is white and has loose layers.</p>	 <p>Basswood I have large heart-shaped leaves with a lop-sided base. My seeds are attached to a papery wing to help them travel.</p>
 <p>Choke Cherry I am a shrub! My leaves have a wider section just above the middle. The birds like to eat my red berries.</p>	 <p>Black Cherry My leaves are shiny and dark green with a fine-toothed edge. My bark is black and in flaky squares.</p>
 <p>Hawthorn My leaves have a V-shape between the lobes and are sharply-toothed. Don't hug me! I have thorns on my branches.</p>	 <p>Ginkgo My leaf is fan-shaped with a wavy edge. I am originally from China and hold the record for the oldest fossil from a deciduous tree.</p>
 <p>Weeping Willow I have long narrow leaves and drooping branches that give me a weeping appearance.</p>	 <p>Black Willow I have long narrow leaves that are shiny green above and paler underneath. When I'm older my bark is deeply furrowed.</p>



OBSERVATIONS: