



Scale-like leaves

Cones egg-shaped



Western Redcedar
Thuja plicata

Cones round



Yellow-cedar
Chamaecyparis nootkatensis

Cones fleshy, grows in mountainous areas



Rocky Mountain Juniper
Juniperus scopulorum

Cones fleshy, grows in coastal areas



Seaside Juniper
Juniperus maritima

Needles in bundles



Bundles of 2 needles, tall and straight



Lodgepole Pine
Pinus contorta var. *latifolia*

Bundles of 3 needles, bark has fragrant vanilla scent



Ponderosa Pine
Pinus ponderosa

Bundles of 5 needles, small cones, grows at high elevations



Whitebark Pine
Pinus albicaulis

Bundles of 5 needles, large cones, grows at high elevations



Limber Pine
Pinus flexilis

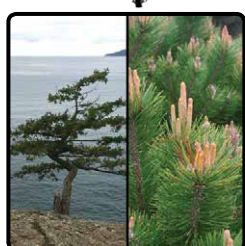
Bundles of 5 needles, low elevations



Western White Pine
Pinus monticola

Soft needles that turn colour and fall in autumn

Bundles of 2 needles, short and often crooked, coastal habitat



Shore Pine
Pinus contorta var. *contorta*

Bundles of 15 to 30 needles, grows in southern BC



Western Larch
Larix occidentalis

Bundles of 15 to 25 needles, grows in northern BC



Tamarack
Larix laricina

Bundles of 30 to 40 needles, grows in subalpine areas in southern BC



Alpine Larch
Larix lyalli

Needles not in bundles



Needles with 4 sides on stalks, arranged spirally on twigs

Needles sharp and stiff, edge of cone scales round, grows at lower elevations



White Spruce
Picea glauca

Edge of cone scales ragged, grows at higher elevations



Engelmann Spruce
Picea engelmannii

Needles slightly flattened, grows in coastal areas



Sitka Spruce
Picea sitchensis

Clump of branches on top, grows in northern areas



Black Spruce
Picea mariana

Needles flat, usually with notched ends; cones upright

Needles on upper side of the twig point sideways



Grand Fir
Abies grandis

Needles on upper side of the twig point upwards



Amabilis Fir
Abies amabilis

All needles appear to point upwards



Subalpine Fir
Abies lasiocarpa

Needles flat, with blunt ends

Needles flat, with pointed ends

Cones with a 3-forked bract. Needles spiral around stems



Douglas-fir
Pseudotsuga menziesii

Fruit red and berry-like. Thin and scaly, reddish-purplish bark



Pacific Yew
Taxus brevifolia

Needles different lengths, top branch of tree droops



Western Hemlock
Tsuga heterophylla

Needles same length, curved upwards, grows at higher elevations



Mountain Hemlock
Tsuga mertensiana

What are catkins?

A catkin is a cluster of single-sex flowers that have no petals, usually wind-pollinated but sometimes insect-pollinated. Male catkins release pollen then drop off. Female catkins collect pollen and produce seeds. Male and female catkins have different appearances. In Alders, female catkins are cone-like.



Female catkins are woody cones

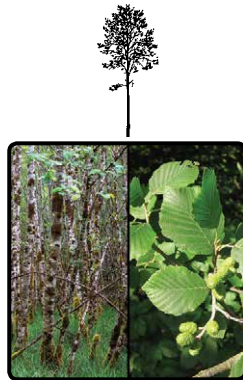
Catkins fall apart easily

Male and female catkins on separate trees



Catkins

Leaves with rounded teeth and edges rolled under



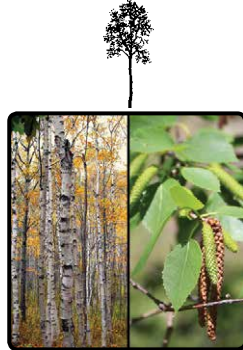
Red Alder
Alnus rubra

Leaf edges are double-toothed, small tree, east of Coast mountains



Mountain Alder
Alnus tenuifolia

Leaves triangle-shaped, thin, white bark peels readily, slender-trunked tree



Paper Birch
Betula papyrifera

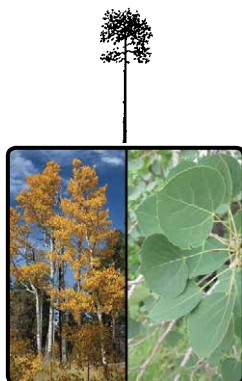
Leaves oval-shaped, bark shiny and dark, commonly shrubby



Water Birch
Betula occidentalis

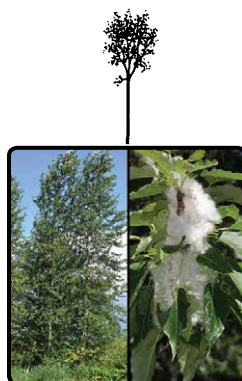
Female catkins release fluffy white seeds

smooth white bark, leaves "tremble" in the wind



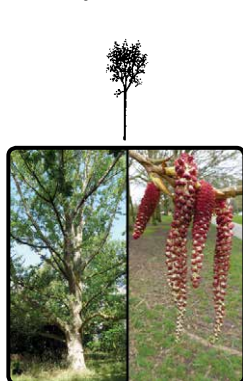
Trembling Aspen
Populus tremuloides

Can reach 50 metres tall



Black Cottonwood
Populus balsamifera ssp. trichocarpa

Usually reaches only 25 metres



Black Poplar
Populus balsamifera ssp. balsamifera

Leaves in opposite pairs

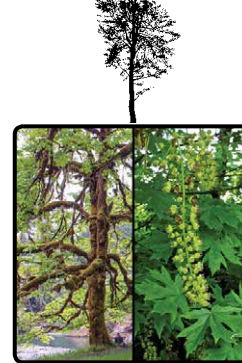


Oval leaves with pointed tips, white flowers, fruits are bright red clusters



Pacific Dogwood
Cornus nuttalli

Very large leaves with 5 lobes, often covered with mosses and ferns



Bigleaf Maple
Acer macrophyllum

Leaves with 3 to 5 lobes and coarsely toothed edges, red-brown bark



Douglas Maple
Acer glabrum

Leaves almost circular with 7 to 9 lobes, greenish bark



Vine Maple
Acer circinatum

Leaves alternating



Red fruit with juicy flesh

Leaves evergreen, red bark peels in flakes



Arbutus
Arbutus menziesii

Leaves oval, branches have thorns



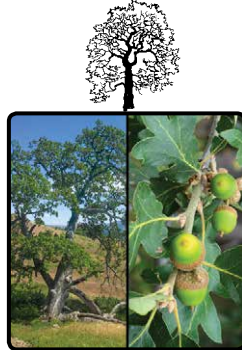
Black Hawthorn
Crataegus douglasii

Leaves oblong with fine teeth along their edges, grey-ish black bark



Cascara
Rhamnus purshiana

Leaves with rounded lobes, acorns, scaly grey bark



Garry Oak
Quercus garryana

Small red apples, egg-shaped leaves



Pacific Crab Apple
Malus fusca

Long clusters of red to purple, or black berries



Choke Cherry
Prunus virginiana

Small, bright red berries, interior areas



Pin Cherry
Prunus pensylvanica

Loose clusters of dark red berries, coastal areas



Bitter Cherry
Prunus emarginata



No catkins