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Leaves needle or scale like; seeds in cone or berry-like structure.
Coniferous



Leaves broad and flat; seeds enclosed in fruit.
Broadleaf
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Leaves scale-like; smallest branchlets flattened



Bark thin, reddish-brown, shredded



Seeds in egg-shaped cones; ~1 cm diameter



Thuja plicata
Western red cedar



Single needles attached to branchlets, base not surrounded by sheath



Needles of irregular length; blunt, flat; lower needle surface whiter than upper surface



Brown bark with fine-textured furrows



Cones are numerous; ~2cm diameter



Tsuga heterophylla
Western hemlock



Needles of similar length; pointed at tips



Bark is thick and deeply furrowed with large ridges



Cones are 5 - 11 cm long; three-pronged bracts protrude between scales



Pseudotsuga menziesii
Douglas fir



Leaves needle-like



Needles in clusters of two, attached to branchlets by a sheath; sharp, pointed needles



***Pinus* species**
(Lodgepole pine, Ponderosa pine, etc.)



Leaves needle or scale like; seeds in cone or berry-like structure.
Coniferous

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Leaves broad and flat; seeds enclosed in fruit.
Broadleaf



Leaves spiny, evergreen



Waxy, red fruits



Bark smooth



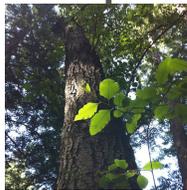
Ilex aquifolium
English holly



Leaves coarsely toothed, tapered from middle to ends; remain green until they fall in autumn



Bark smooth, light grey



Alnus rubra
Red alder



Leaves not spiny, deciduous in autumn



Leaves toothed



Leaves almost as wide as long, gradually tapered to tip; bright yellow in autumn



Mature bark is greyish-brown and deeply furrowed



Populus trichocarpa
Black cottonwood



Leaves lobed



Leaves in opposite pairs, 5-7 leaflets, sharply-toothed



Bark smooth, greenish



Sambucus racemosa
Red elderberry



Leaves in alternate pairs; 9-17 leaflets, coarsely-toothed



Bark smooth, brown



Sorbus aucuparia
European mountain ash



Large leaves, five deep lobes beyond middle of leaf



Bark greyish-brown, narrow scaly ridges



Acer macrophyllum
Bigleaf maple



Leaves small, almost circular; 7-9 shallow lobes



bark smooth, thin, greenish to reddish-brown



Acer circinatum
Vine maple

Source: Adapted from Straley and Harrison (1987); Diagram designed by N Rong (UBC); updated by K Hurley, N Hewitt.