

# Types of Trees

# Keywords

- ▶ Coniferous
- ▶ Deciduous
- ▶ Hardwood
- ▶ Mast
- ▶ Needles
- ▶ Red Deal
- ▶ Silver Grain
- ▶ Softwood

# Coniferous Trees

Coniferous trees grow up instead of out like a deciduous tree and are shaped like a triangle. The leaves are usually long, pointy needles.



Spruce

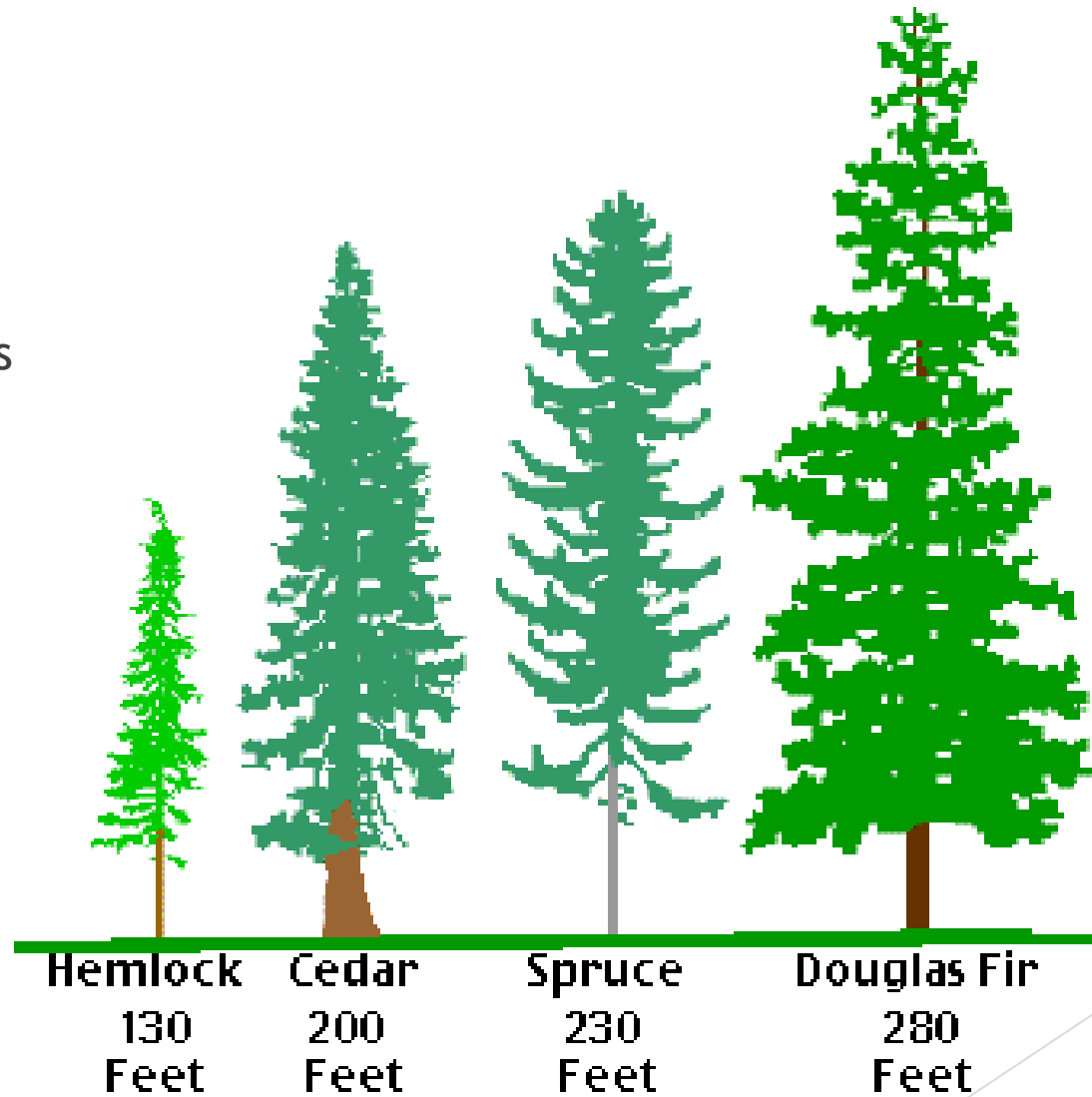


Fir



Pine

- ▶ Grow needles instead of leaves
- ▶ Evergreen
- ▶ Triangle shaped
- ▶ Grow quickly
- ▶ Other characteristics ???



# Deciduous Trees

## Deciduous Tree Characteristics



- Broad flat leaves
- Lose all leaves each year in the fall
- Angiosperm (flowering plants), broadleaf, hardwood
- Examples: oak, maple, beech, aspen, ash

Deciduous trees



**sycamore**  
*(especially BrE)*



**oak**



**willow**



blossom



**horse chestnut**



**conker**  
*(especially BrE)*



**beech**



seeds



**ash**

# Examples of Irish Trees...





# BIRCH TREE

Birch is a hardwood type of tree. You would mostly see this tree in gardens and public places. Birch trees are not very large trees. They grow in a short amount of time. It is the only type of tree in Greenland. It is used for making ply wood, making furniture and for wood flooring.

Birch trees have light airy crowns and typically bright peeling bark. They display these male catkins throughout the winter months. They have slender shoots with big, conic, often sticky buds. The twigs soon whorl like fountains. They grow up to 30 metres are short lived except in highland Scotland. On young stems the bark is orange/red soon turning white, but growing rough black. Leaves are triangular shaped with dark teeth up the straight sides.





Leaves + seeds



# Spanish chestnut tree

The leaves are distinct  
but the flowers are  
pink unlike the horse-  
chestnut tree. The seed are  
smaller to the horse chestnut  
but the shell their inside is  
similar to a walnut

The wood of the tree  
has recently become popular  
because of the colour and  
grain pattern. It is used for:  
Furniture, flooring and kitchen units.



# MAPLE



The maple tree is a deciduous tree which is the national tree of Canada. It is a hardwood.

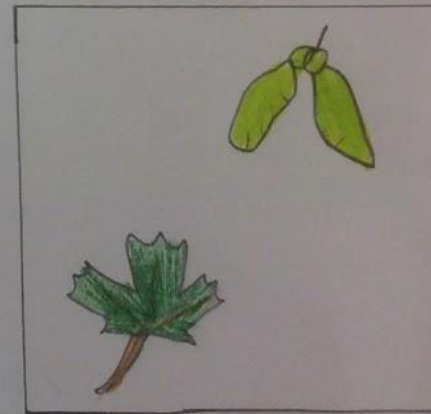
Maple is an expensive wood and is very light in colour.

Much of the maple used in Ireland is imported from Asia, northern Africa, north America and Europe.



## Uses

- Kitchen unit doors
- Maple flooring
- Furniture-making
- Veneers



The straight



# Scots Pine

3/10/16

Scots pine is widespread throughout Europe. It is grown as forestry in many countries including Scotland. It is unlike most conifers in shape as it stands tall and has few branches, which are large. The needles of the tree grow in pairs and the bark of mature Scots pine is a reddish brown colour.

## The wood

The wood of the Scots pine is a light brown-cream colour, with a distinct grain. It is known as red deal and is a strong softwood. The wood is easy to work with and finishes well.

## Uses of the tree

- Construction timber.
- Pine furniture.
- Doors.
- School project work.



double beeth up the straight

# Horse Chestnut.



Horse chestnut tree

The horse chestnut was introduced to Ireland from Asia.

It likes good soft soil.

The tree grows very big and needs lots of room.

Sometimes the wood is used for wood pulp and packing cases.

You would mostly see them in parks.





Elm is a deciduous tree that belongs to the family Ulmaceae.

There are 30 to 40 species of Elm.

Size of an Elm depends on its species.

Their leaves are usually smooth.

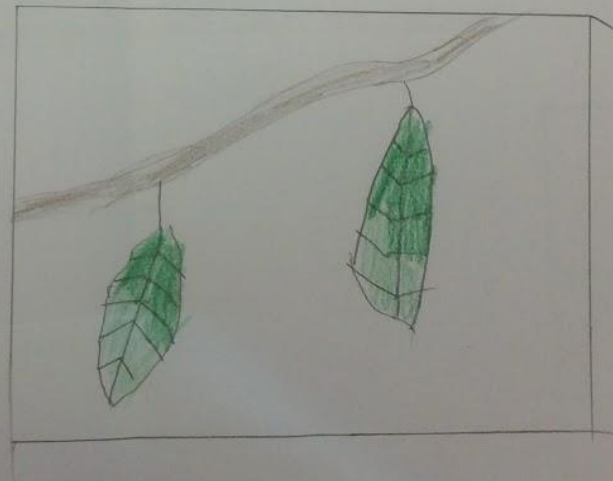
The leaves are dark green on the upper side

and the bottom side of their

leaves are light green.

Flowers appear on leaves

before leaves





# Beech tree

Alex Sterry

Beech is a common tree in Ireland. It was introduced to Ireland in the seventeenth century and it grows best in limestone soil. It grows slowly. It has a smooth grey bark. The tree only bears seeds after about 40 years. The seeds are contained in a triangular shell called a mast. The leaves of the beech are broad, turning a bronze colour in autumn. They remain on the tree for much of the winter. Beech can survive for over 400 years.

Certain countries use Beech leaves instead of feathers as a stuffing

for pillows

leaves and bark contain pigments which are used for dyeing fabrics

(Bark is light gray or greenish)



Beech trees can reach 80 to 100 feet in height. Multiple slender branches form broad dome-shaped crown. Beech has oval leaves that are finely toothed on the 'e'





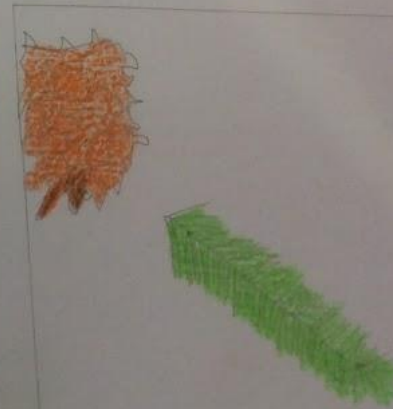
## Douglas Fir

The Douglas Fir is a native tree of North America. It is sometimes called the Oregon pine or Colombian pine. It grows quickly and is tall.

### Uses

- Structural Panels
- Gates + outdoor Furniture
- Plywood Manufacture
- Railway sleepers

The wood is a reddish-brown colour. The grain is decorative and the annual rings are clearly visible. It is a tough durable wood that will withstand heavy wear. Although the wood is light it is very strong. It is resistant to decay and acid attack.



Douglas Fir tree needles

Name: Norway Spruce

Tree



4% of Irish forestry is Norway spruce. It grows at high altitudes, in mountain regions. It has a shallow root system and is prone to being blown down.

The Wood

It is known as white deal. It's softer than redwood. It is pale yellow-cream colour. It's easy to work with but is not as durable as redwood.

