

# Tree Guide

Can you spot  
any of these  
trees?

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# Definitions

## Habitat

Is the place where a plant or animal naturally or normally lives and grows.



## Toothed

A toothed leaf refers to a leaf that has an irregularly notched margin



## Simple

A simple leaf, is a leaf that is never divided into smaller units.



# Definitions

## Lobed Leaf

Lobed leaves are leaves with a distinct protrusion. These lobes are often arranged on either side of the leaf.



## Narrow Evergreen

Narrow evergreen leaves are needle like. They are normally thick and have a leathery texture. These leaves are often found in coniferous forests.



## Pinnate

A plant having leaflets arranged in a feather like shape, with leaflets found on either side of the stem in pairs opposite each other.



# Definitions

## Tree

A tree is a woody perennial plant.

Trees often grow to considerable heights and typically have a single stem or trunk with lateral branches.



## Shrub

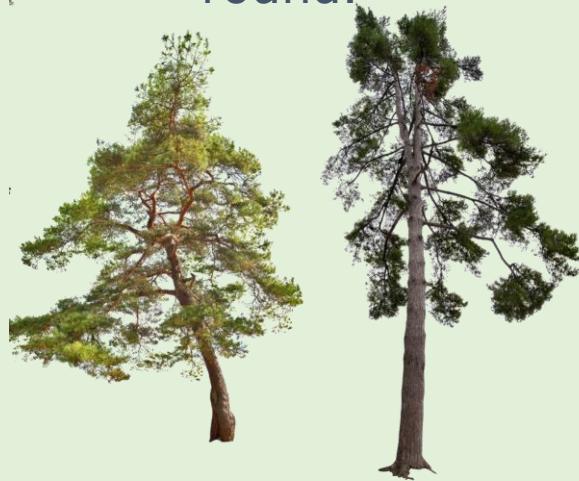
A shrub is a woody plant that is often smaller than a tree (below 10m tall). Shrubs generally have multiple trunks growing from the base of the plant.



# Definitions

## Coniferous

This is a tree that is evergreen, these trees will keep its leaves all year round.



## Deciduous

This is a tree or shrub that sheds its leaves annually.



# Definitions

## Twig

A twig is a woody shoot that grows from a branch or a stem of a shrub or tree



## Bark

Bark is the outer layer of stems and roots of woody plants. Plants that have bark are trees, shrubs and vines



## Woodland

A Woodland is an area of land that is covered with trees.



# Definitions

## Hedgerows

A hedgerow can be defined as a line of closely spaced woody shrubs to form a continuous barrier.



## Heath

This is a shrubland habitat. It is often characterised with infertile acidic soils and contains low growing woody vegetation.



## Grasslands

These are areas that are dominated by grasses as the main form of vegetation.



# Alder Fearnóg

**Habitat:** Alder trees can be found in damp woodlands and by riversides.

**Leaf:** An alder leaf can reach lengths of 10cm.

**Average Tree Height:** An alder tree can reach an average height of 20m.

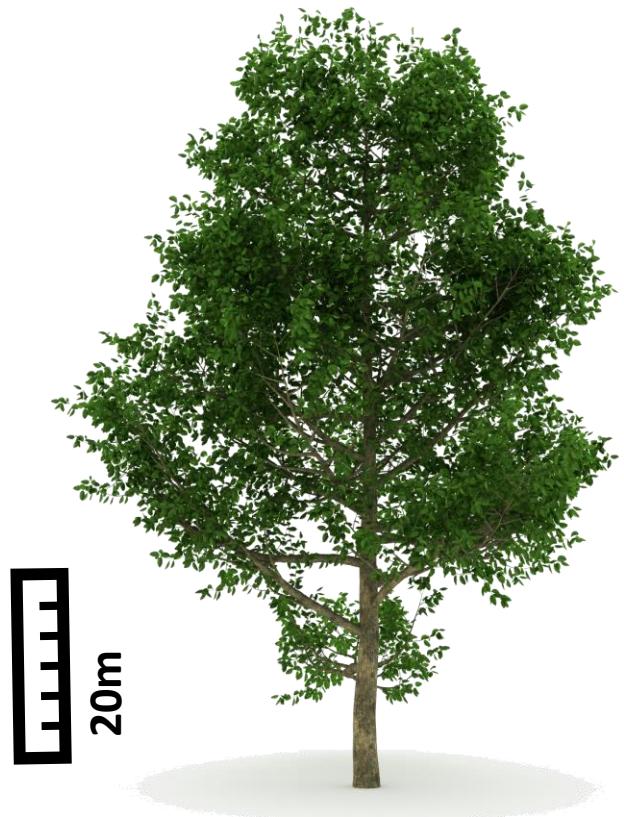
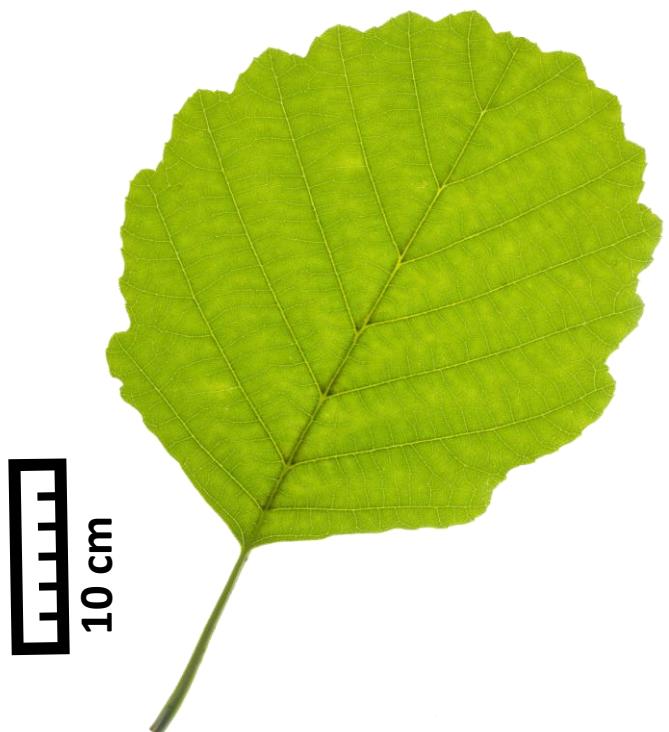
**Twigs:** An alder tree's twigs contain orange spots which are raised.

**Bark:** An Alder's bark is dark brown.

**Fruit:** Alder Trees produce small winged seeds as fruits

**Flowers:** It will flower between March and April.

**Native to Ireland:** Yes



# Beech Feá

**Habitat:** Beech trees can often be found in woodlands. They favor base rich to acidic soil types.

**Leaf:** A Beech leaf can reach lengths of 10cm

**Average Tree Height:**  
24 m

**Twigs:** A Beech tree has twigs that are a purple-brown colour.

**Bark:** The bark on a Beech tree is grey and smooth.

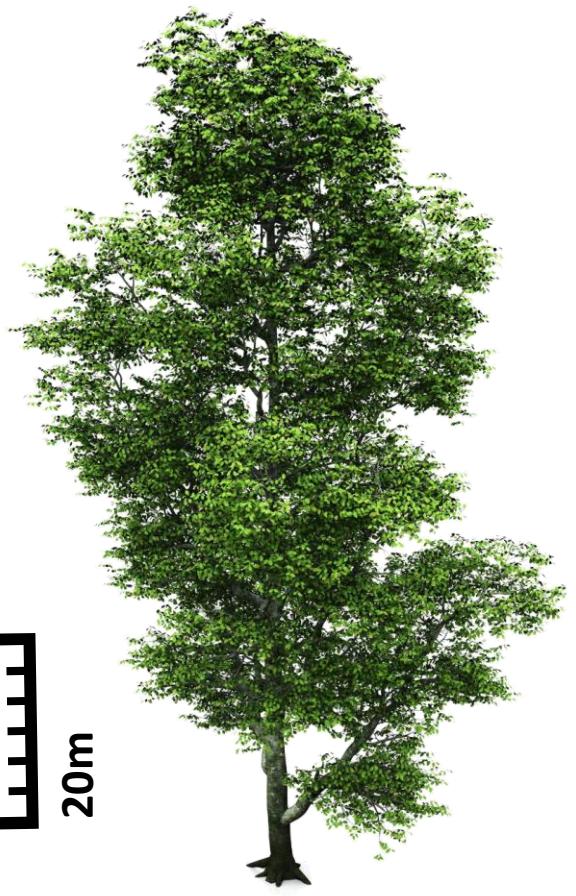
**Fruit:** Beech trees produce nuts with spiny casings

**Flowers:** The Beech tree will flower in April-May.

**Native to Ireland:** No



10 cm



20m



# Silver Birch Beigh Gheal

**Habitat:** Silver Birch trees are widely found in lake shores.

**Leaf:** A Silver Birch leaf can reach lengths of 7cm

**Average Tree Height:**  
25 m

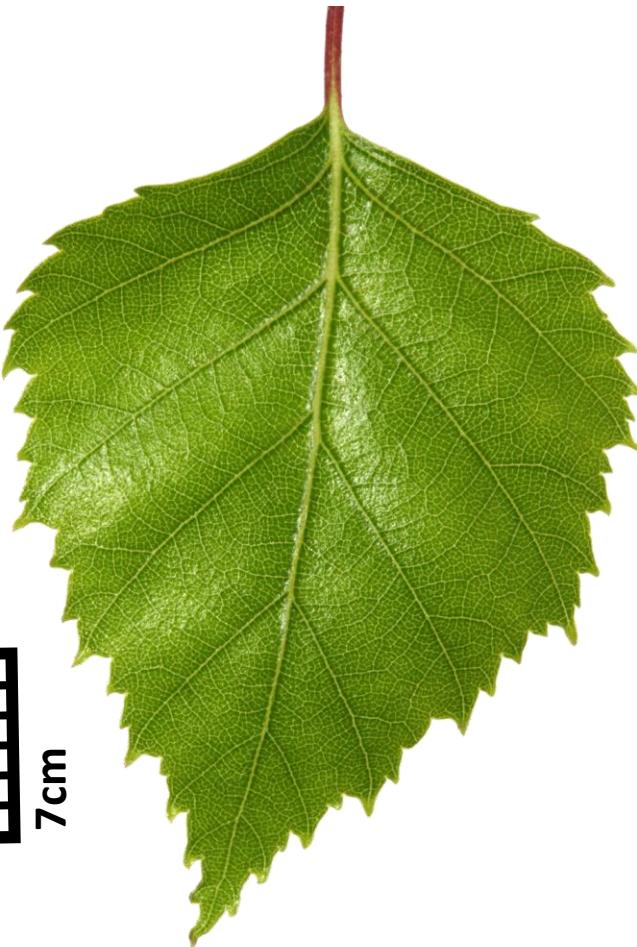
**Twigs:** A Silver Birch has twigs with raised white glands. Often catkins can be found at the end of the twig.

**Bark:** Its bark is a brown-red colour when young and becomes white once mature.

**Fruit:** Silver Birch Trees will produce small winged seeds

**Flowers:** The Silver Birch tree will flower in April-May

**Native to Ireland:** Yes



# Hawthorn *Sceach Gheal*

**Habitat:** Hawthorn Trees can be found in open woodlands and hedgerows.

**Leaf:** A Hawthorn leaf can reach lengths of 8cm

**Average Tree Height:**  
10 m

**Twigs:** A Hawthorn tree contains twigs that are grey and smooth, often with small spines.

**Bark:** A Hawthorn's bark is brown/grey and becomes fissured when mature.

**Fruit:** Hawthorn Trees produce small red berries.

**Flowers:** The Hawthorn Tree will flower in May-June and will produce white flowers.

**Native to Ireland:** Yes



8cm



10 m



# Holly *Cuileann*

**Habitat:** Holly trees can be found in woodlands, rocky ground, and hedgerows.

**Leaf:** A Holly leaf can reach lengths of 8cm

**Average Tree Height:**  
20 m

**Twigs:** Holly trees contain green or grey twigs.

**Bark:** A Holly tree has smooth, grey bark.

**Fruit:** A Holly tree will produce small red berries.

**Flowers:** A Holly tree can flower in May-August. It will produce small white flowers

**Native to Ireland:** Yes



8cm



20m



# Elder

## Trom

**Habitat:** Elder trees can be found in hedgerows, wastelands, scrubs and woodlands.

**Leaf:** An Elder leaf can reach lengths of 8cm

**Average Tree Height:**  
10 m

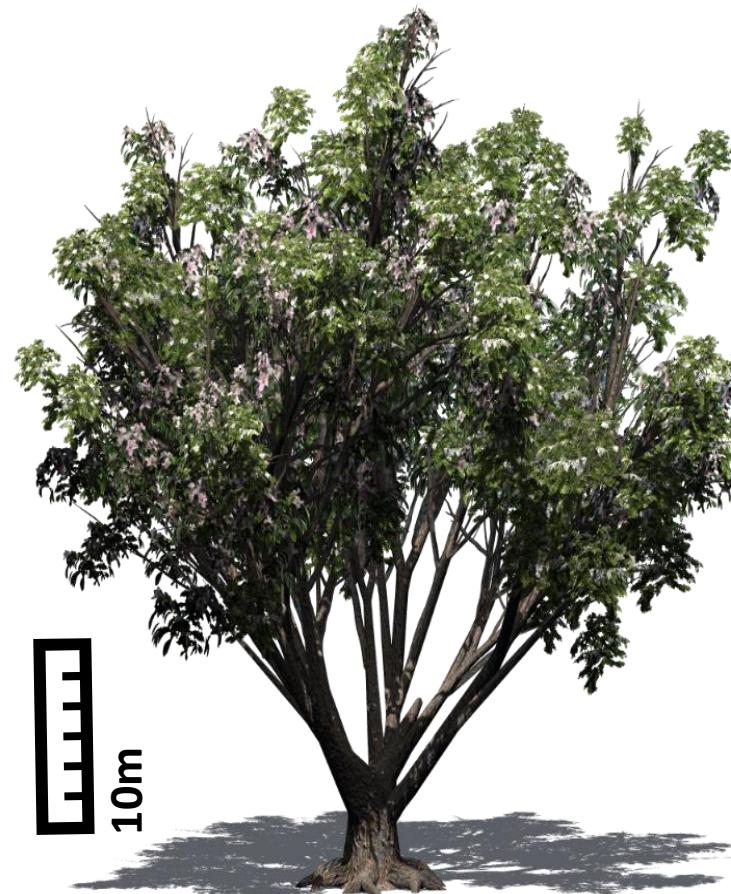
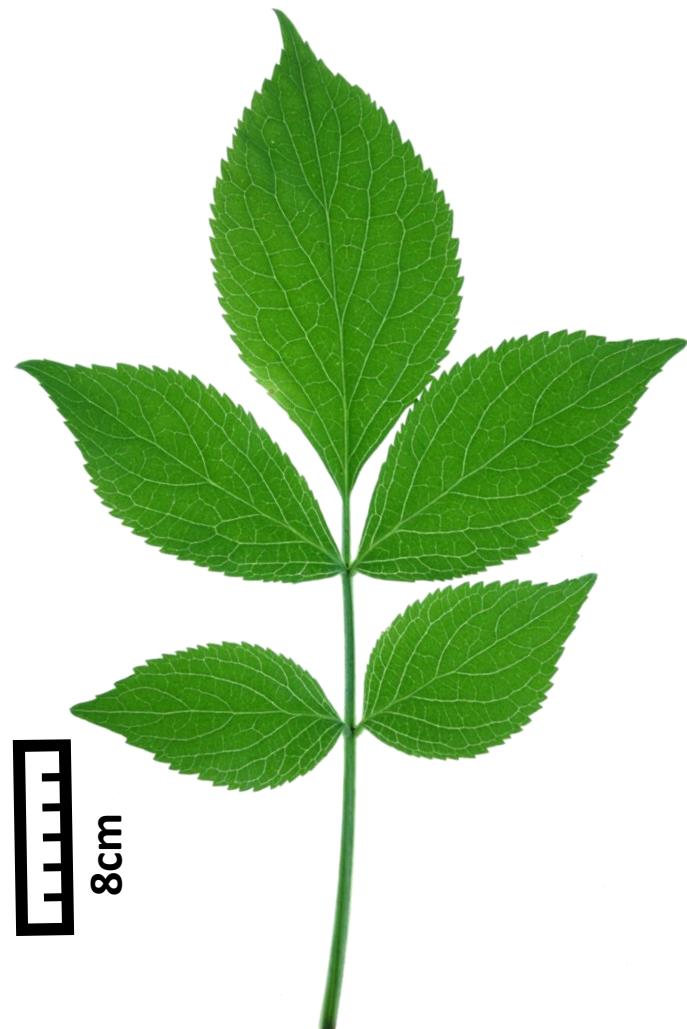
**Twigs:** An Elder tree has green/grey twigs with a white sponge like pith inside.

**Bark:** Elder trees have a grey bark which will fissure once matured.

**Fruit:** Elder trees produce small clusters of purple/black berries.

**Flowers:** The Elder tree will flower white flowers in June-July

**Native to Ireland:** Yes



# Sycamore

## Seicemóir

**Habitat:** Sycamore trees are found in hedgerows, woodlands and wastelands. Sycamore Trees are often found in urban areas.

**Leaf:** A Sycamore leaf can reach lengths of 18cm

**Average Tree Height:** 35 m

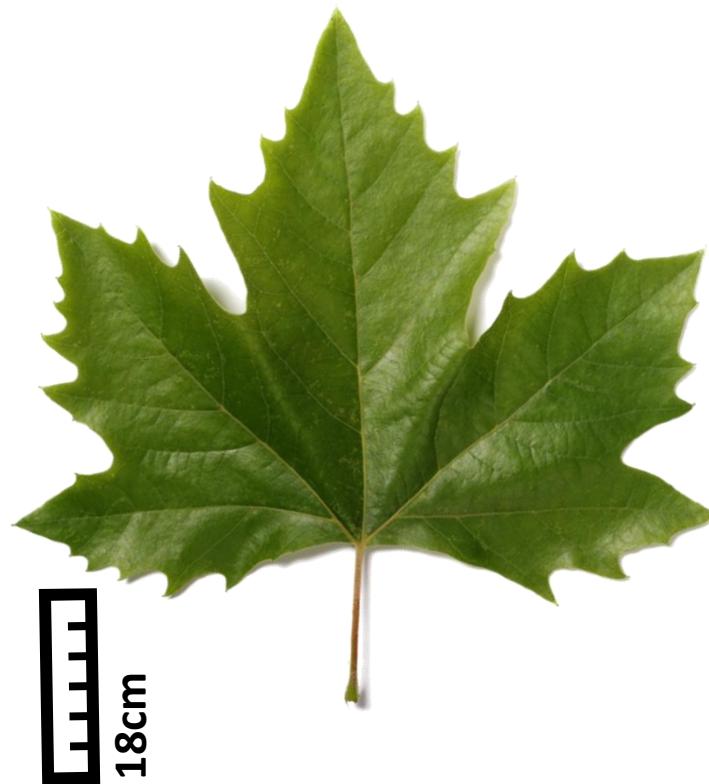
**Twigs:** The Sycamore tree contains brown/grey twigs.

**Bark:** A Sycamore's bark is grey, smooth and will scale once mature.

**Fruit:** Sycamore trees produce winged seeds

**Flowers:** A Sycamore tree will flower yellow/green flowers in April-June.

**Native to Ireland:** No



# Rowan Caorthann

**Habitat:** Rowan Trees are found in hedgerows, the sides of streams and mountainous and rocky areas.

**Leaf:** A Rowan leaf can reach lengths of 22cm

**Average Tree Height:**  
18 m

**Twigs:** Sycamore Trees have grey-brown twigs.

**Bark:** Rowan tree's bark is grey and will scale when mature

**Fruit:** Rowan Trees will produce small red berries.

**Flowers:** The Rowan tree will flower white flowers in May-June.

**Native to Ireland:** Yes



# Hazel

## Coll

**Habitat:** Hazel Trees can be found in woodlands, hedgerows and scrubs.

**Leaf:** A Hazel Leaf can reach lengths of 10cm

**Average Tree Height:** 6 m

**Twigs:** A Hazel tree has brown, hairy twigs.

**Bark:** Smooth, pale brown bark

**Fruit:** Hazel Trees will produce hazelnuts.

**Flowers:** The Hazel tree will flower catkins in February-April

**Native to Ireland:** Yes



# Crab Apple

*Crann fia-úll*

**Habitat:** Crab Apple trees can be found in woodlands, wastelands and hedgerows.

**Leaf:** A Crab Apple leaf can reach lengths of 6m

**Average Tree Height:**  
15m

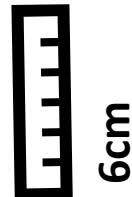
**Twigs:** A Crab Apple tree has red-brown twigs.

**Bark:** The Crab Apple's bark has a mix of colours including grey, brown and purple. It's bark will become flaky when the tree has matured.

**Fruit:** Crab Apple trees produce small sour tasting apples.

**Flowers:** The Crab Apple tree will flower in May and will produce pink or white flowers.

**Native to Ireland:** Yes



# Ash

## Fuinseog

**Habitat:** Ash Trees can be found in woodlands, hedgerows and scrubs.

**Leaf:** An Ash leaf can reach lengths of 35cm.

**Average Tree Height:** 6 m

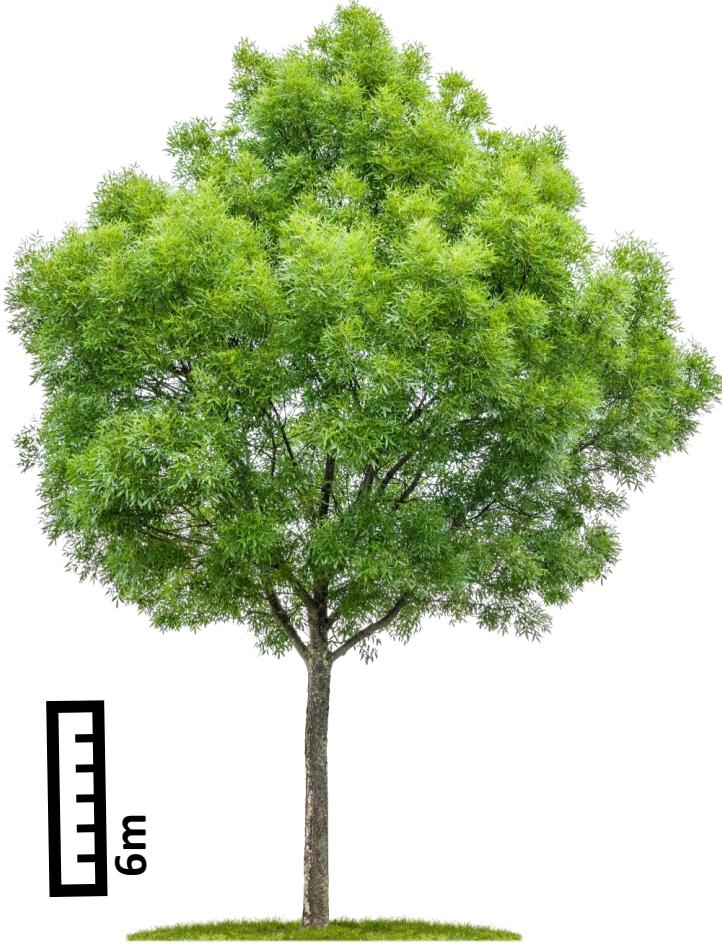
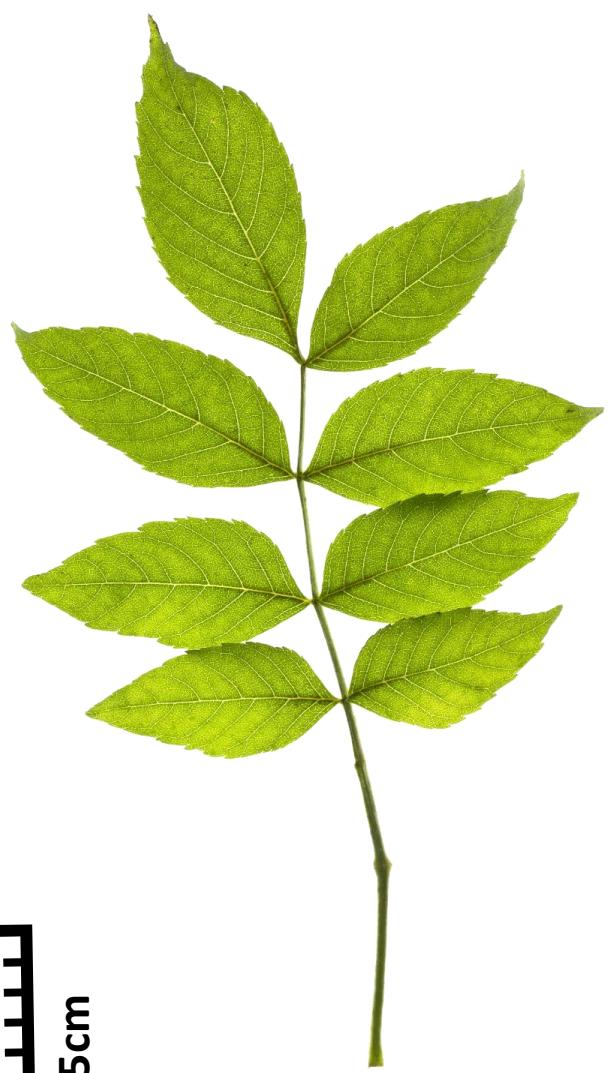
**Twigs:** An Ash tree has grey twigs.

**Bark:** An Ash tree has smooth, grey bark.

**Fruit:** Ash trees will produce single winged seeds.

**Flowers:** The Ash tree will flower small black flowers in April-May.

**Native to Ireland:** Yes



# Horse Chestnut

## *Crann cnó*

## *Capaill*

**Habitat:** Horse Chestnut trees can be found in woodlands, parklands and hedges.

**Leaf:** A Horse Chestnut leaf can reach lengths of 25cm

**Average Tree Height:** 25 m

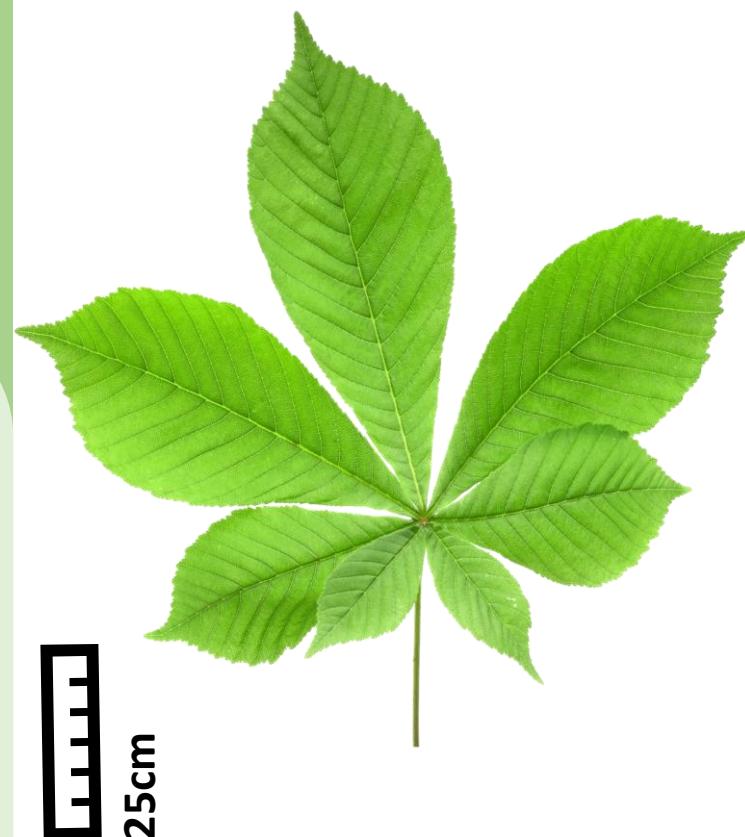
**Twigs:** A Horse Chestnut tree has grey twigs.

**Bark:** A Horse Chestnut has grey-brown bark that will scale when mature.

**Fruit:** Horse Chestnut trees will produce large brown seeds commonly known as 'conkers' in a green capsule.

**Flowers:** The Horse Chestnut tree will flower pink or white flowers in April-June.

**Native to Ireland:** No



# Sessile Oak

## Dáir Ghaelach

**Habitat:** Sessile Oak trees can be found in woodlands and hedges. They are often found in acidic soils.

**Leaf:** A Sessile Oak leaf can reach lengths of 12cm.

**Average Tree Height:**  
40 m

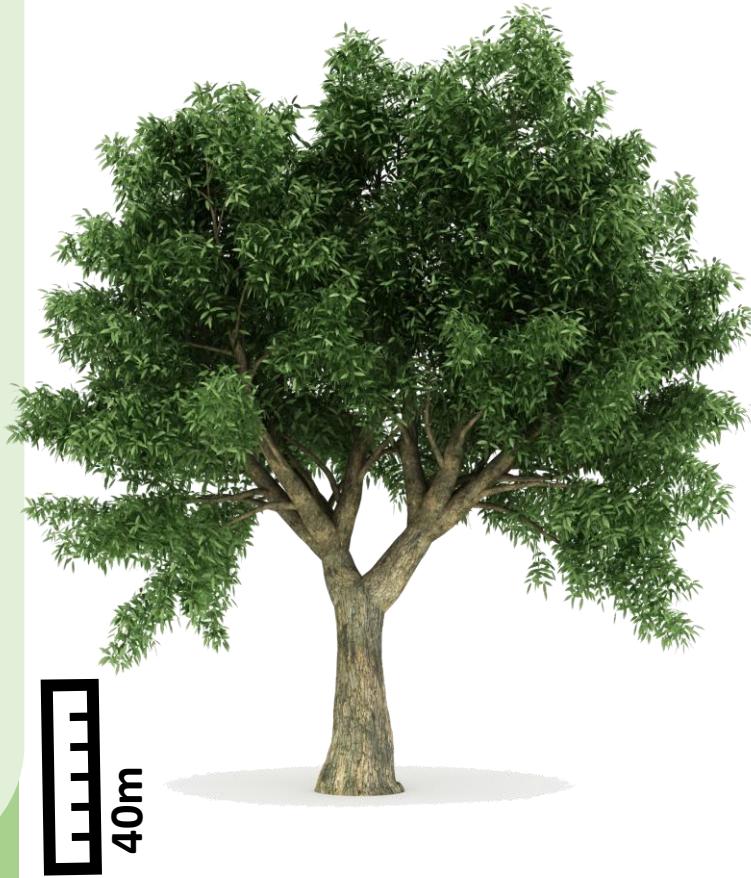
**Twigs:** A Sessile Oak tree has grey twigs.

**Bark:** Its bark is grey and will fissure when mature.

**Fruit:** Sessile Oaks will produce acorns.

**Flowers:** The Sessile Oak tree will flower catkins in May.

**Native to Ireland:** Yes



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