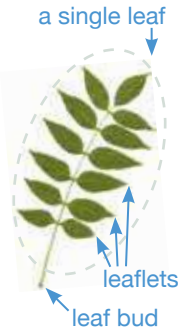


# Photo guide to Trees in summer



**START HERE**  
Are the leaves divided into separate leaflets?

Yes

No

Do all the leaflets meet at the end of the leaf stalk?

No

Yes

**15. Horse Chestnut**



Leaflets and leaf veins meet at the end of the leaf stalk



**20. Rowan**

Alternate pairs:  
Each leaf grows from a different place on the stem

Does the leaf have more than 5 leaflets?

Yes

**8. Elder**

No



Check: Elder leaves release a pungent smell when you rub them

Do the leaves grow in opposite pairs on the twig?

Yes

**3. Ash**

Opposite pairs:  
Pairs of leaves grow from a single point on the stem



Does the leaf edge have lobes?

No



Lobes come in more than 1/4 towards the main vein

Yes

Do the veins spread out from a single point?

No



**11. Hawthorn**

Yes

Are the twigs thorny?

No

**18. Oak**



Veins spread out from a single point at the top of the leaf stalk

Yes



**17. London Plane**

No

Does the leaf have a toothed edge?

No

Do the leaves grow in opposite pairs on the twig?

Yes

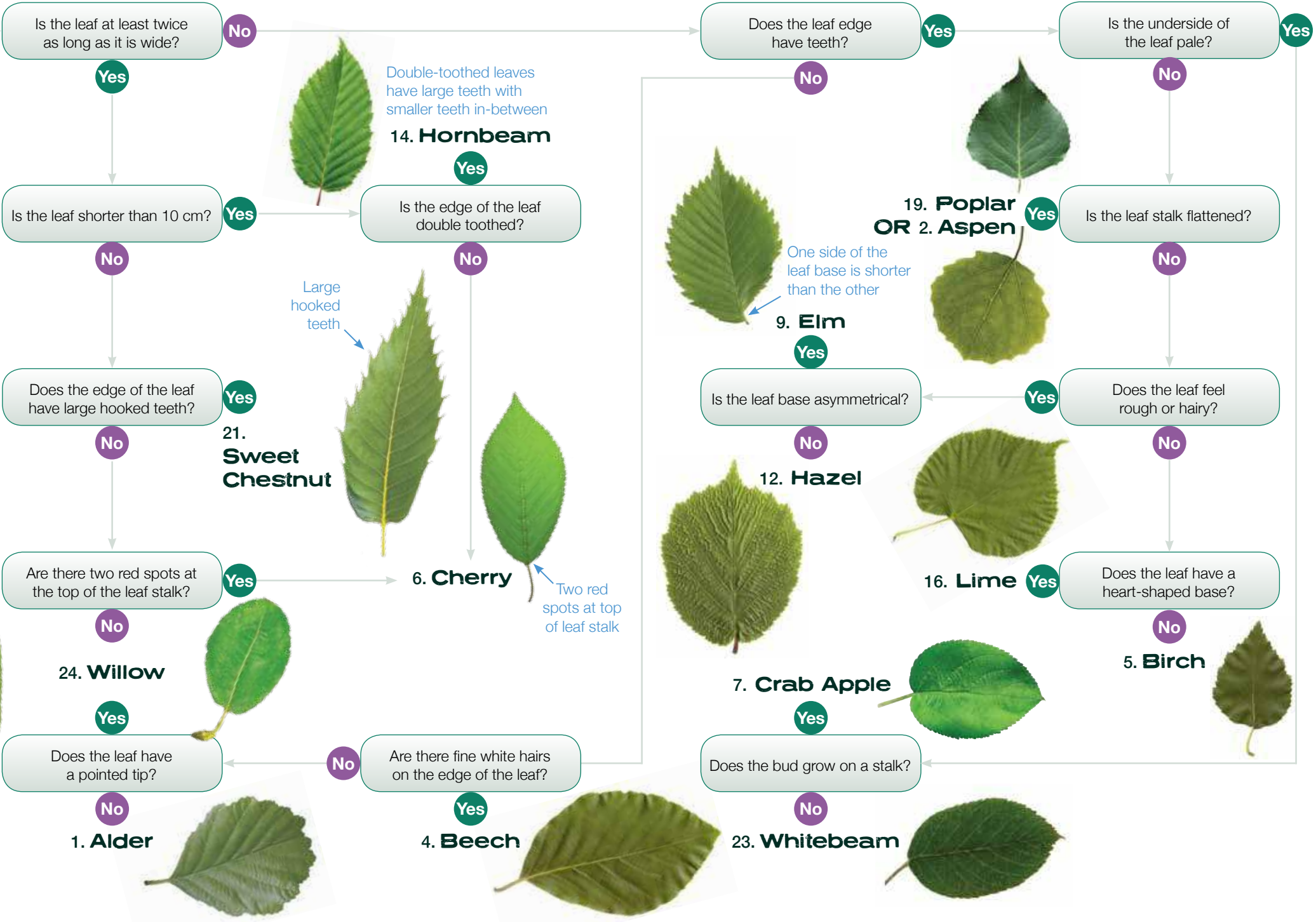
**22. Sycamore**



**10. Field Maple**



Teeth come in less than 1/4 towards the main vein



Is the leaf at least twice as long as it is wide? **No**

**Yes**



Double-toothed leaves have large teeth with smaller teeth in-between  
**14. Hornbeam**

**Yes**

Is the leaf shorter than 10 cm? **Yes**

**No**

Is the edge of the leaf double toothed? **No**

Large hooked teeth



**21. Sweet Chestnut**

Does the edge of the leaf have large hooked teeth? **Yes**

**No**



**6. Cherry**

Two red spots at top of leaf stalk

Are there two red spots at the top of the leaf stalk? **Yes**

**No**

**24. Willow**



**1. Alder**

Does the leaf have a pointed tip? **No**

**Yes**

Are there fine white hairs on the edge of the leaf? **Yes**

**No**

**4. Beech**



Does the leaf edge have teeth? **Yes**

**No**



**9. Elm**

**Yes**

Is the leaf base asymmetrical? **Yes**

**No**

**12. Hazel**



**7. Crab Apple**

**Yes**

Does the bud grow on a stalk? **No**

**Yes**

**23. Whitebeam**



Is the underside of the leaf pale? **Yes**

**No**



**19. Poplar OR 2. Aspen**

**Yes**

Is the leaf stalk flattened? **No**

**Yes**



**16. Lime**

**Yes**

Does the leaf feel rough or hairy? **No**

**Yes**



**5. Birch**

Does the leaf have a heart-shaped base? **No**

**Yes**



# Photo guide to Trees in summer

## Identifying trees in summer

This guide will help you identify 24 different broadleaved trees by checking their leaves.

A **tree** is a plant with a single woody stem and a crown at least 5 metres high. A **shrub** has many stems arising from near the ground.



Go to **Start here** overleaf and follow the questions until you reach a tree name. The first question asks: **Are the leaves divided into separate leaflets?**

Look closely to find the **leaf bud**. Leaflets do not have their own leaf buds.

A **compound leaf** (like Ash and Horse Chestnut) is made up of many separate leaflets, each with their own short stalk.



## Caring for newly-planted trees

If you planted trees last winter, take extra care of them over their first summer.

- Watering – for standard trees, soak the base with 40 litres of water (4 watering cans) once a week during dry weather. Water the soil, not the leaves.
- Weeding – keep a 1 metre circle around the tree clear. Be careful not to damage the tree's stem.
- Mulching - add 75 mm depth of mulch (like bark chippings) to the weeded area at the end of the first year.
- Check stakes and tree ties are secure.

Find out more about volunteering opportunities at [www.treesforcities.org](http://www.treesforcities.org)



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Green Recovery Challenge Fund



## 1. Alder

*Alnus glutinosa*

Short or medium-sized tree with spreading branches. Leaf glossy green with blunt tip, sometimes indented.



## 2. Aspen

*Populus tremula*

Tall narrow tree. Leaf grey-green, round, with wave-shaped teeth. Leaf stalks flattened, so leaves flutter and rustle in the breeze.



## 3. Ash

*Fraxinus excelsior*

Tall tree. Compound leaf with 7-13 leaflets. The compound leaves grow in opposite pairs on the twig.



## 4. Beech

*Fagus sylvatica*

Tall upright tree with a broad rounded crown. Leaf glossy green and round. Edge wavy but untoothed with fine white hairs.



## 5. Birch

*Betula spp.*

Medium-sized tree, narrow and tapering. Several species. Leaf small, triangle-shaped or heart-shaped. Edge toothed.



## 6. Cherry

*Prunus spp.*

Small tree. Leaf is long oval shape with a pointed tip. Edge toothed. Look for 2 red spots at the top of the leaf stem.



## 7. Crab Apple

*Malus sylvatica*

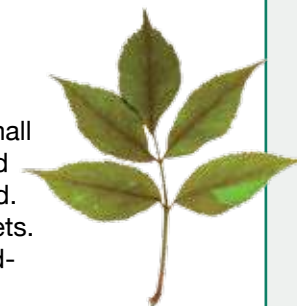
Small tree with a tangled shape. Leaf oval with a rounded base and slightly pointed tip. Edge toothed.



## 8. Elder

*Sambucus nigra*

Large shrub or small tree with a tangled shape. Compound leaf with 5-7 leaflets. Edge with forward-pointing teeth.



## 9. Elm

*Ulmus* spp.

Several different species. Leaf feels rough. Leaf base asymmetric: one side of the leaf base is shorter than the other.



## 10. Field Maple

*Acer campestre*

Medium-sized tree with a rounded crown. Leaf dark green, with 5 rounded lobes and rounded teeth. Leaf stem green.



## 17. London Plane

*Platanus x hispanica*

Tall tree with a spreading crown. Leaf leathery, with 3 or 5 pointed lobes and a toothed edge.



## 18. Oak

*Quercus* spp.

Tall tree, with a broad and spreading crown. Several different species. Leaf with 3-8 pairs of rounded lobes.



## 11. Hawthorn

*Crateagus monogyna*

Small tree or large shrub, common in hedges. Leaf dark green, deeply lobed into 2, 3 or 5 lobes, with toothed edge.



## 12. Hazel

*Corylus avellana*

Large shrub or small tree. Leaf hairy underneath, pointed tip and heart-shaped base. Edge double-toothed.



## 19. Poplar

*Populus* spp.

Small, medium or tall tree. Leaf green on top but paler underneath, sometimes felty white. Edge finely toothed.



## 20. Rowan

*Sorbus aucuparia*

Medium-sized tree. Compound leaf with 10-16 leaflets. The compound leaves grow in alternate pairs on the twig.



## 13. Holly

*Ilex aquifolium*

Small tree or large shrub. Leaf glossy green and prickly. Upper leaves may lack prickles.



## 14. Hornbeam

*Carpinus excelsior*

Medium-sized tree, often cone-shaped. Leaf oval with a pointed tip and prominent veins. Edges toothed.



## 21. Sweet Chestnut

*Castanea sativa*

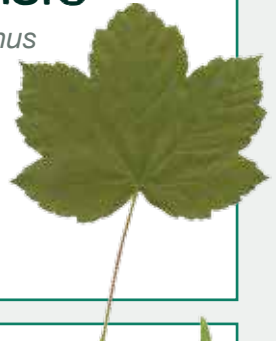
Tall upright tree, with lower branches almost reaching the ground. Leaf glossy green, long, edge with saw-tooth teeth.



## 22. Sycamore

*Acer pseudoplatanus*

Tall, spreading tree with a broad domed crown. Leaf with 5 pointed lobes and a toothed edge. Leaf stem red.



## 15. Horse Chestnut

*Aesculus hippocastanum*

Tall, dome-shaped tree with massive crown. Compound leaf with 5-7 leaflets. Leaf veins spread out from a single point.



## 16. Lime

*Tilia* spp.

Tall tree. Several different species. Leaves thin, heart-shaped base, often with a pinched tip. Edge finely toothed.



## 23. Whitebeam

*Sorbus* spp.

Medium-sized tree. Several different species. Leaf glossy green on top but felty white underneath. Edge sometimes lobed.



## 24. Willow

*Salix* spp.

Shrub to medium-sized tree, sometimes weeping. Several different species. Leaves can be long and thin, or round.

