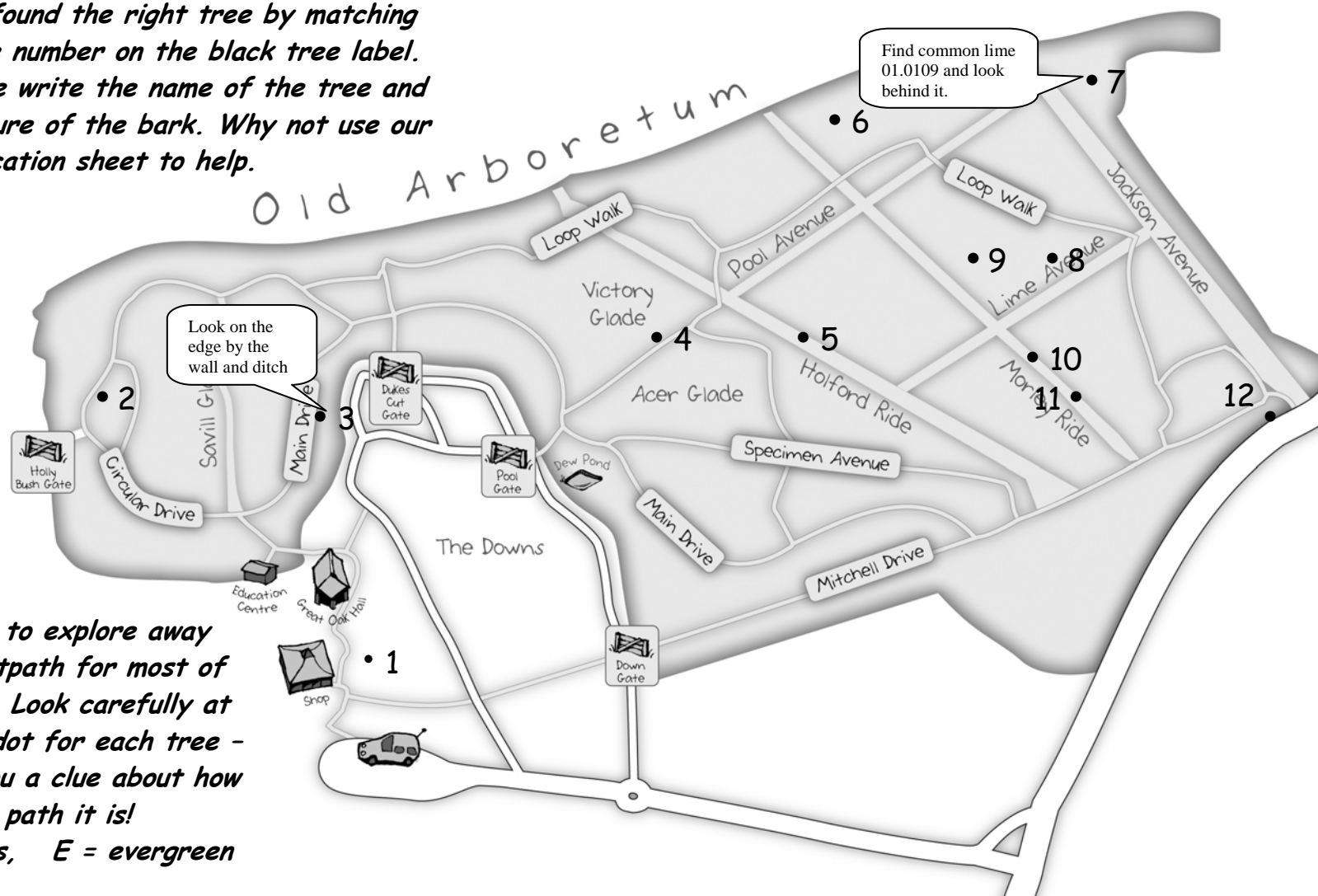


# Tree Bark Challenge

Look out for these 12 trees. You will know when you've found the right tree by matching with the tree number on the black tree label. For each tree write the name of the tree and one key feature of the bark. Why not use our bark identification sheet to help.



You will need to explore away from the footpath for most of these trees. Look carefully at the location dot for each tree - it will give you a clue about how far from the path it is!

D = deciduous, E = evergreen

1. Tree 26. 0179

•

•

D

2. Tree 24.0614

•

•

D

3. Tree 22.0437

•

•

D

4. Tree 13.0405

•

•

D

5. Tree 07.0011

•

•

D

12. Tree 02.0124

•

•

E

11. Tree 03.0015

•

•

E

10. Tree 03.0510

•

•

D

9. Tree 04.0960

•

•

D

8. Tree 04. 0945

•

•

D

7. Tree 01.0136

•

•

E

6. Tree 05.0169

•

•

E

**1. Tree Number: 26.0179**

How do the cracks in this tree bark differ from other trees?



**7. Tree Number: 01.0136**

Which animal has broken through the bark and made its home in the tree?

**2. Tree Number: 24.0614**

How many things can you see living on the bark?  
Can you name them?



What does the pattern of the bark remind you of?

**3. Tree Number: 22.0437**

Look for the pores in the bark.  
What do you think they do?



**8. Tree Number: 04.0945**

How many colours can you see on the bark of this tree?

**4. Tree Number: 13.0405**

How does the bark feel to touch?



**9. Tree Number: 04.0960**

Why do you think the bark flakes off?

What was once growing on the bark?



**10. Tree Number: 03.0510**

What does the texture of the bark feel like?

**5. Tree Number: 07.0011**

What is the difference between the young bark of the shoots and the older bark of the tree?



Why do you think trees have bark?

**11. Tree Number: 03.0015**

The bark of this tree has been damaged. What has the tree done to protect itself?

**6. Tree Number: 05.0169**

Why do you think algae is only growing on one side of the trunk?

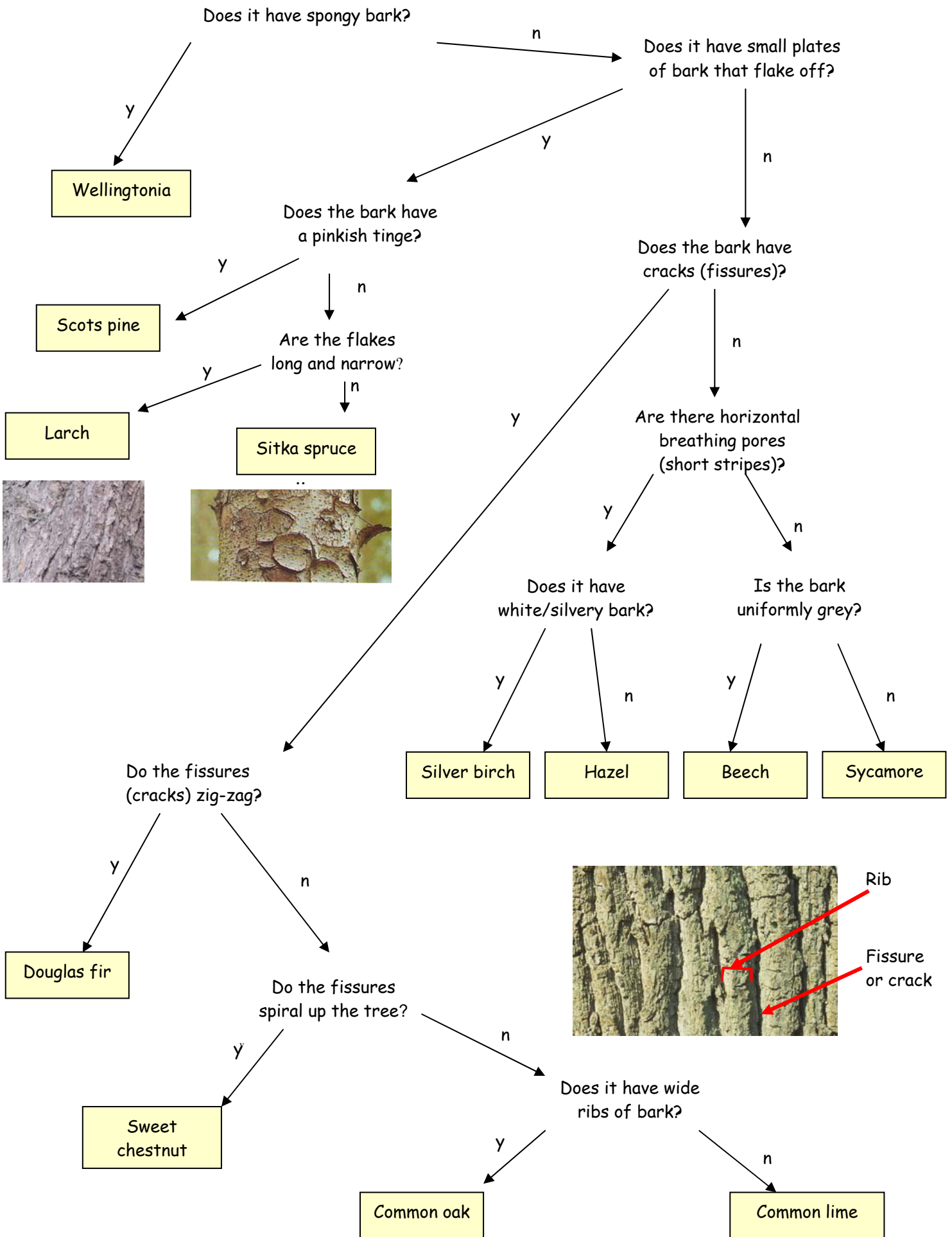


**12. Tree Number: 02.0124**

The bark of this tree is fireproof - why do you think that might be?

What pictures can you see in the bark?

# Tree Identification Guide



## Helpful hints for Tree Bark Challenge

1. Look for the tree number on the black identification tag on each tree



2. Look for ride and avenue markers to navigate around the Old Arboretum.
3. To find location of tree, judge how far from the path it is by looking at the location of the dot on the map.
4. The first two digits in the tree number indicate in which area of the arboretum the tree is planted. You know you are quite close if you find other labels with the same first two digits.
5. Use of our tree identification sheet will help - it helps to identify just the 12 trees on the trail, so you are looking out for just these 12 species!
6. The letters D and E in each box around the map indicate whether you are looking for a deciduous or evergreen tree.
7. You could refer to the seasonal guide map, found outside the Great Oak Hall information point - use the measurement scale to judge distances in the arboretum.

Good luck! We hope you enjoy our tree bark challenge.