

4 Crusty lichens

Closely attached so that you can't remove them without taking bark

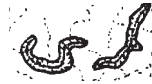


Now look at the fruiting bodies

Are the fruiting bodies rounded?

OR

Elongated to star-shaped?



OR

With paler margins like jam tarts



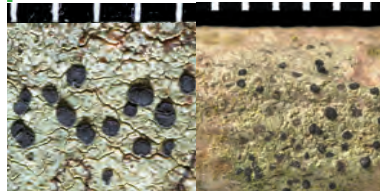
Lecanora



Dark colour throughout like wine gums.



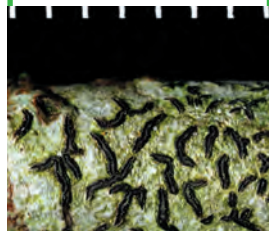
Lecidella and *Amandinea*



OR

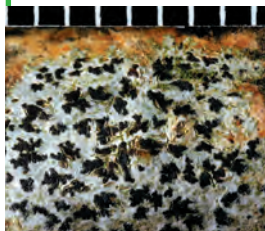
The margins are raised and lip-like

Graphis



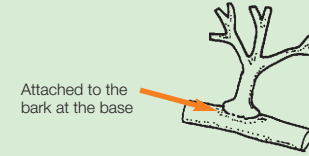
Fruiting bodies have no raised margins

Arthonia



Which lichens can you find?

Start here - which of these 3 types of lichen can you find?



Attached to the bark at the base

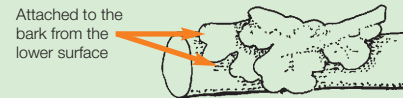
Bushy lichens

Branched and shrubby only attached from the base

How many different bushy lichens did you find? .

.....

Go to **2** to try and name your lichens.



Attached to the bark from the lower surface

Leafy lichens

Leaf-like lobes that are closely or loosely attached from the lower surface

How many different leafy lichens did you find?

.....

Go to **3** to try and name your lichens.

Closely attached to the bark



Crusty lichens

Closely attached so that you can't remove them without taking bark

How many different crusty lichens did you find? .

.....

Go to **4** to try and name your lichens

2 Bushy lichens

Branched and shrubby only attached from the base



Now look at the branches

Are the branches rounded in cross section?



OR

Flatten in cross section?



Branches rounded and same colour all round

Usnea



Nitrogen-sensitive

Branches greenish on the upper surface and white below

Evernia



Nitrogen-sensitive

Branches grey-green all round

Ramalina



3 Leafy lichens

Leaf-like lobes that are closely or loosely attached from the lower surface



Now look at the colour

OR

Yellow to greenish

Xanthoria

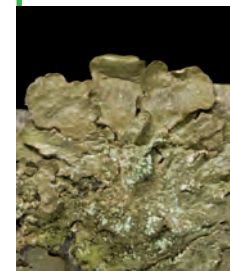


Nitrogen-loving

OR

Olive-brown

Melanelixia



OR

Apple-green

Flavoparmelia



OR

Grey

- now look at the lobes

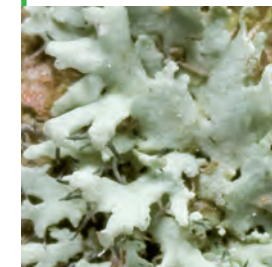
Lobes thin like a leaf and solid when cut?

OR

Parmelia has white lines on the surface of rounded lobes



Physcia has small lobes with whiskers along the margins



OR

Lobes swollen and hollow when cut.

Hypogymnia

