

Grassland Plant Survey Form



National
Education
Nature Park

Part 1

1

What class are you in?

2

What year group are you in?

3

Where in your school are you doing the survey?
e.g. playing field near year 10 classroom

4

Date

Time

If you have a camera, **take a photo** of the quadrat from above.



Now put your ruler next to **the tallest plant in your quadrat**. If you have a camera, **take a photo** from the side with the ruler against the tallest plant.

Include your survey form in your photos to help you remember them later.

5

How high is the tallest plant in the quadrat? (Circle your answer)

- a) Less than 10cm b) 11-30cm c) 31-100cm d) More than 100cm

Look carefully at the **plants growing in your quadrat**. Pick **one leaf from each kind of plant**, including any grasses.

Tips:

- **dead leaves do not count**
- gently move leaves to check for plants hiding underneath
- don't pick the flowers - leave them for people and insects!

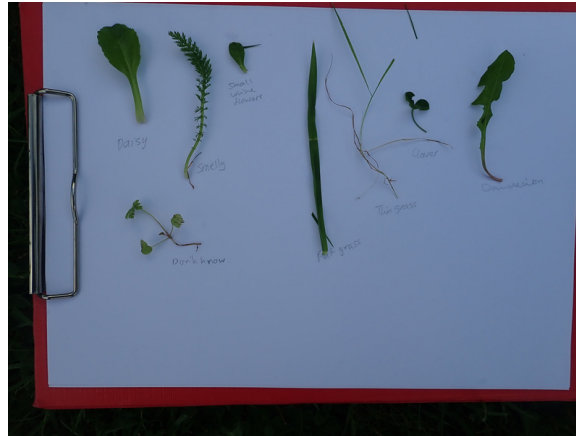
Now **lay the leaves on a piece of paper**, with the top side of each leaf facing up.



6

How many different types of plants are on your paper?

If you have a camera, please **take a photo** of your paper with the leaves on it.



7

Tick the name of the habitat type which best matches your survey area.

a) Playing field or lawn

☐


c) Tall wild plants (mostly wild plants or weeds (not grass) that are above hip height)

☐

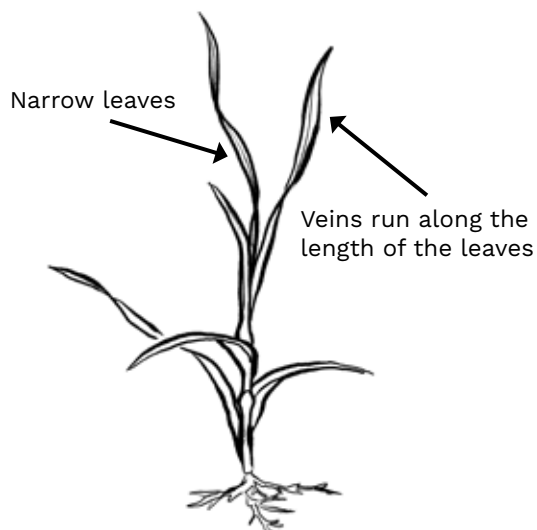

b) Meadow

☐

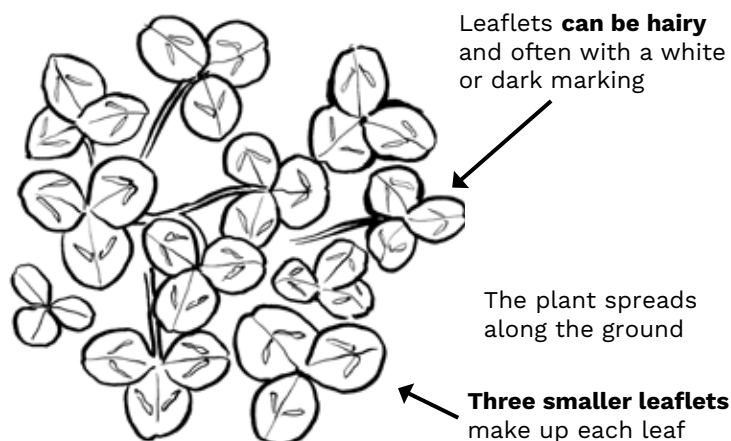

d) Wildflower patch (mostly wild flowers (not grass), planted by someone)

☐

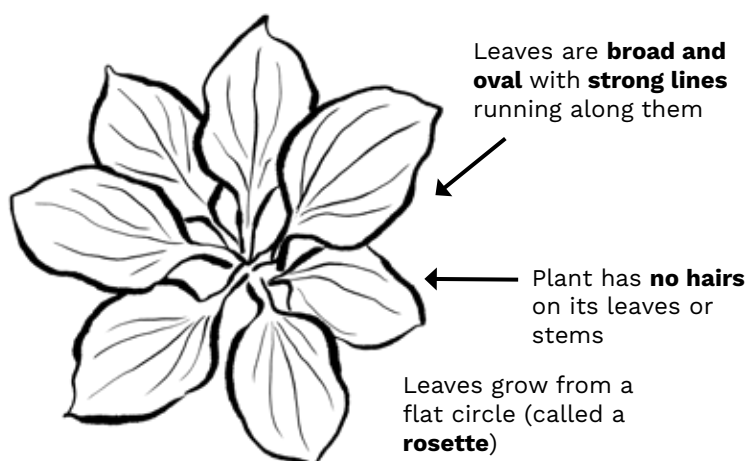

Grasses (*Poaceae* family)



Clovers and their relatives (*Fabaceae* family)



Greater plantain (*Plantago major*)

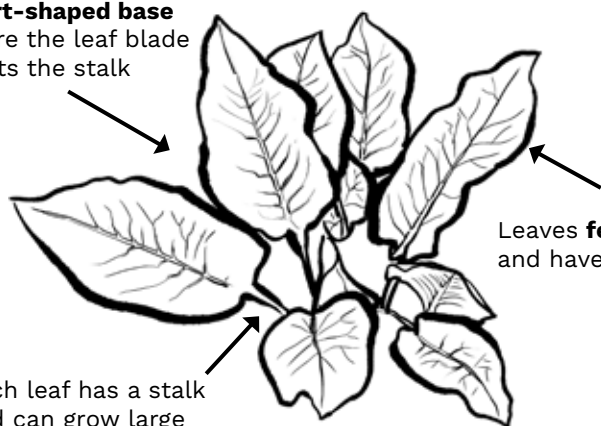


Leaf length: Up to 15cm



Dock (*Rumex species*)

Heart-shaped base
where the leaf blade
meets the stalk



Leaves **feel tough**
and have **no hairs**



Leaf length: Up to 25cm

Common daisy (*Bellis perennis*)



Leaves are **spoon**
shaped

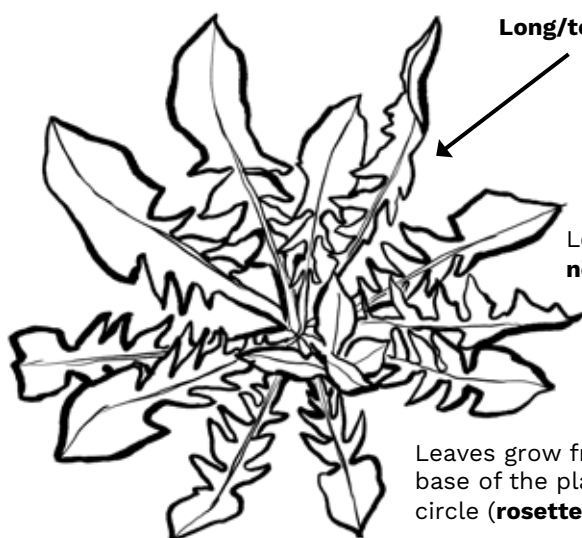
Often **flat** and **close**
to the ground

Grow from the
base in a circle
(**rosette**)



Leaf length: Up to 4cm

Dandelion (*Taraxacum species group*)



Long/toothed edges

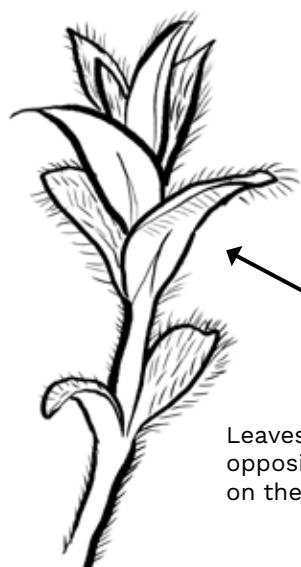
Leaves have
no hairs or spines

Leaves grow from the
base of the plant in a
circle (**rosette**)



Stem is hollow,
doesn't branch and
has white sap inside

Common mouse-ear (*Cerastium fontanum*)



Plant spreads along the ground

Leaves are **oval** and covered in **tiny hairs**

Leaves **grow in pairs**, opposite each other on the stem

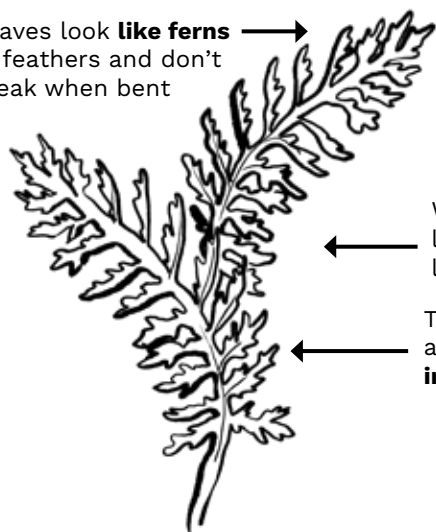


Leaf length: Up to 2cm



Yarrow (*Achillea millefolium*)

Leaves look **like ferns** or feathers and don't break when bent



When crushed, leaves smell like herbs

They **feel soft** and are **covered in hairs**



Yellow rattle (*Rhinanthus minor*)

The plant grows upright

Leaves have **bumpy edges** and **no hairs**

Leaves grow in pairs opposite each other

Small and narrow leaves

