

Plants Quadrat Survey

Compare the plants that are growing within the different habitats using a quadrat. Carry out the following scientific investigation in two locations.
Place the quadrat on the floor in a random location.

Quadrat One

1. Where is your quadrat?

- By a path []
- Under a tree []
- Open space []
- Mown Grass []

Other _____ What habitat is it in _____

2. What percentage of your quadrat is covered with plants? (100% minus any empty areas/squares) _____%

3. How many different species of plants can you see? Don't forget to count grass as a species. _____

4. Can you name two of the species in your quadrat?

a) _____

b) _____

5. Can you see any insects in your quadrat? Are they pollinators?



Flower shapes:

Umbrella



Lipped



Tube



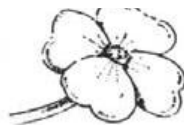
Daisy



Pea



4 petal



Spike



5 petal



6. Record the number of different shapes and colours of the flowers in your quadrat in the table below, using the pictures above for help.

	Umbrella	Lipped	Tube	Daisy	Pea	4petal	Spike	5Petal
Red								
Yellow								
Orange								
Green								
Blue								
Pink								
Violet								
White								



Quadrat Two

1. Where is your quadrat?

By a path []

Under a tree []

Open space []

Mown Grass []

Other _____ What habitat is it in _____

2. What percentage of your quadrat is covered with plants? (100% minus any empty areas/squares) _____%

3. How many different species of plants can you see? Don't forget to count grass as a species _____

4. Can you name two of the species in your quadrat?

a) _____

b) _____

5. Can you see any insects in your quadrat? Are they pollinators?

6. Complete question 7 first, then state which location looked the best for pollinators/wildlife and why?



Flower shapes:

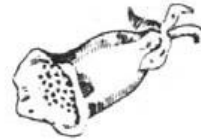
Umbrella



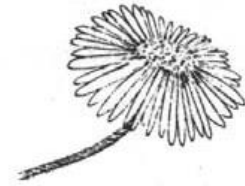
Lipped



Tube



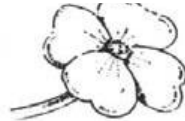
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