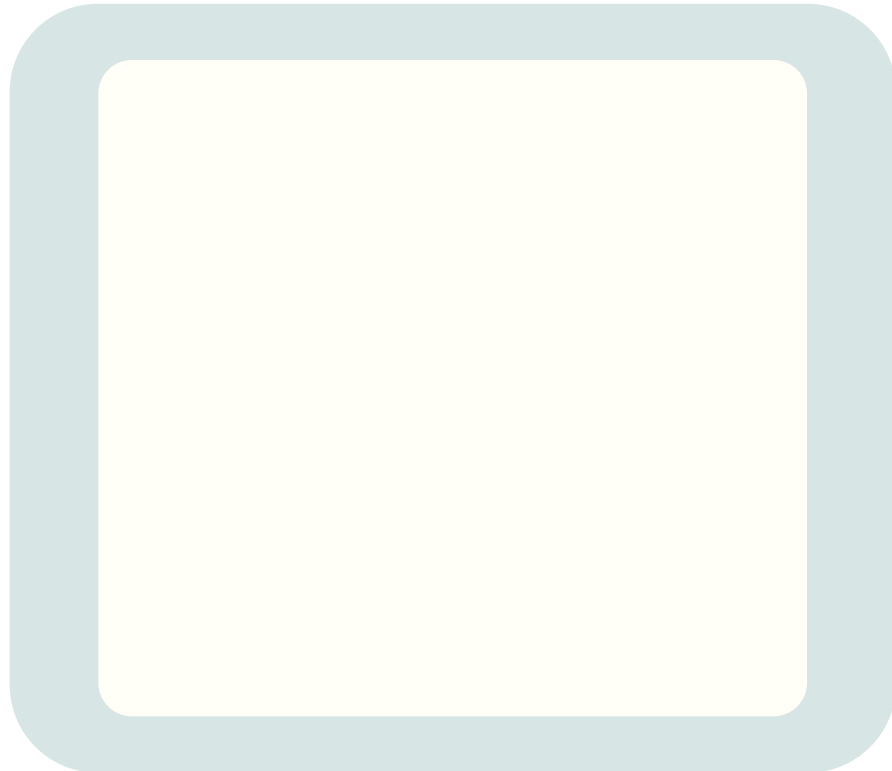


LIFE 4 POLLINATORS

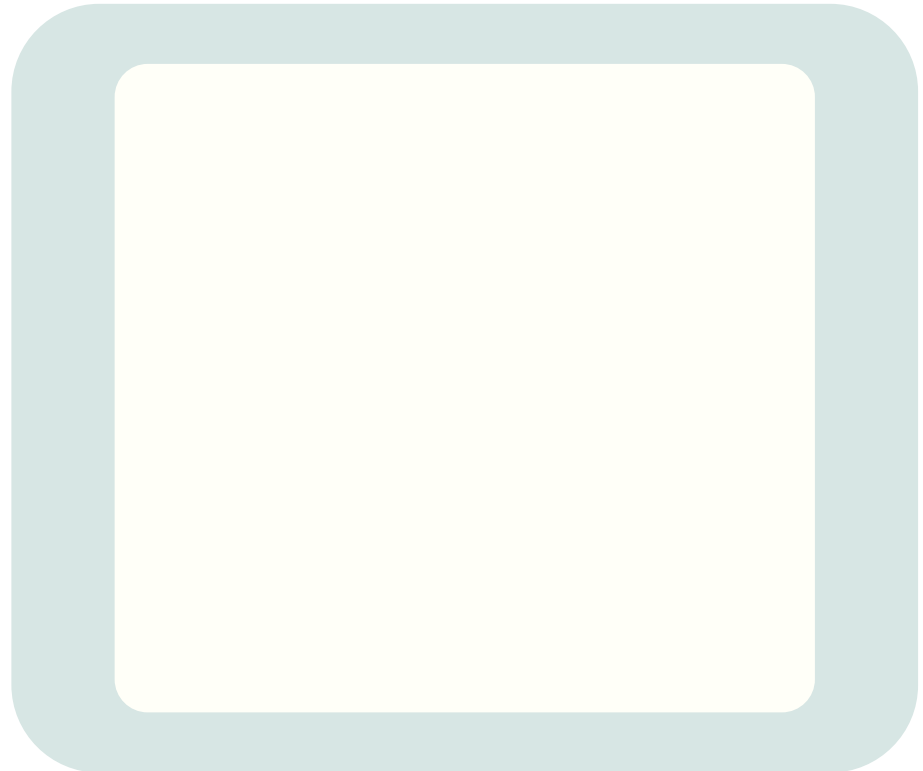
Flowers vary in shape, size and colour. In this activity, observe the characteristics of your chosen flowering plant and determine the morphological group to which it belongs to.

Group: Botanists	
School:	Grade:
Role	Name
Observer I	
Observer II	
Form filler	

DRAW THE FLOWER





DRAW THE LEAF





PLANT ASPECT

- tree
- shrub
- herb



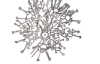
LEAF SHAPE

- simple (1 leaf) 
- divided into small leaflets 

FLOWERS ASPECT

- small single flowers clumped together in inflorescence (use a lens!) 
- single flowers easy to recognize, solitary or not 

If you choose INFLORESCENCE:

- many little flowers aggregated in "head" (looks like a single flower) 
- umbel-like 
- spheric 
- none of the above



STEM SECTION is:

- quadrangular
- circular

LEAF VEINS are:

- parallel 
- not parallel 




FLOWER SHAPE

- radial (more than 2 symmetry axes) 
- bilateral (mirror symmetry) 

How many STAMENS do you see?

- 3
- 4
- 5
- 6
- more than 6

POSITION of LEAVES on the stem:

- alternate 
- opposite 
- all basal 

Is it aromatic?

- yes
- no

COROLLA with PETALS ...

- completely free (separated) 
- fused only at the base (try to take off the petals) 
- fused for more than half length 



If PETALS are free, how many are they?

- 3
- 4
- 5
- 6
- more than 6

The plant has LATEX?

- yes (abundant)
- no

Does the flower have SEPALS?

- yes (free or fused) 
- no 

If SEPALS are present, how many are they?

- 3
- 4
- 5
- 6
- more than 6

FLOWER COLOUR:

It belongs to morphological group:

LIFE 4 POLLINATORS

Pollinators belong to various guilds. In this activity, observe a plot/pot of your chosen plant species and record the pollinators. How many can you identify?

Group: Entomologists	
School:	Grade:
Role	Name
Observer I	
Observer II	
Form filler	
Photographer	

DATE, TIME & LOCATION

Date:	
Start time:	End time:
Place (postcode or lat/long):	
Location:	

HABITAT

<input type="radio"/> scrubs	<input type="radio"/> grassland
<input type="radio"/> agroecosystem	<input type="radio"/> forest
<input type="radio"/> gardens, parks & urban areas	
other:	

WEATHER CONDITIONS



Check your mobile and fill measurement (o C)

Temperature



Observe the sky and write down the cloud cover (few clouds, light cloud cover, many clouds, heavy overcast)

Cloud cover



Determine wind speed by observation (calm, light breeze, moderate breeze, strong breeze)

Wind

Plant:



Area:

m²



Duration of observation per plant: 15 min

Insect guilds

Insects



Bee



Wasp



Hoverfly



Bee-fly



Butterfly



Moth



Beetle

Name

(try to identify the insect with the LIFE4POLLINATORS entomological field guides and write the name of it or describe it)

Insect behaviour

Does the insect interact with the flowers? What do you think the insect is doing? (e.g. feeding, collecting pollen, resting, mating, patrolling, other)

Photo time



Insect 1



Number of flowers contacted in each visit

Insect 2



Number of flowers contacted in each visit

Insect 3



Number of flowers contacted in each visit

Insect 4



Number of flowers contacted in each visit

Upload your photos here: <https://life4pollinators.eu/en>

LIFE 4 POLLINATORS

Pollinators belong to various guilds. In this activity, observe a plot/ transect and record the pollinators. How many can you identify?

Group: Entomologists	
School:	Grade:
Role	Name
Observer I	
Observer II	
Form filler	
Photographer	

DATE, TIME & LOCATION

Date:	
Start time:	End time:
Place (postcode or lat/long):	
Location:	

HABITAT

<input type="radio"/> scrubs	<input type="radio"/> grassland
<input type="radio"/> agroecosystem	<input type="radio"/> forest
<input type="radio"/> gardens, parks & urban areas	
other:	

WEATHER CONDITIONS



Check your mobile and fill measurement (o C)

Temperature



Observe the sky and write down the cloud cover (few clouds, light cloud cover, many clouds, heavy overcast)

Cloud cover



Determine wind speed by observation (calm, light breeze, moderate breeze, strong breeze)

Wind

Which monitoring method did you choose?



Plot

1x1



Transect

1x50



Flowers

Write the morphological group of each flower in your monitoring area

How many flowers do you see in the area?

(many - few - rare)

Insect guilds



Bee



Wasp



Hoverfly



Bee-fly



Butterfly



Moth



Beetle

No visits



Check the box below if there is no visits on the plant