

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

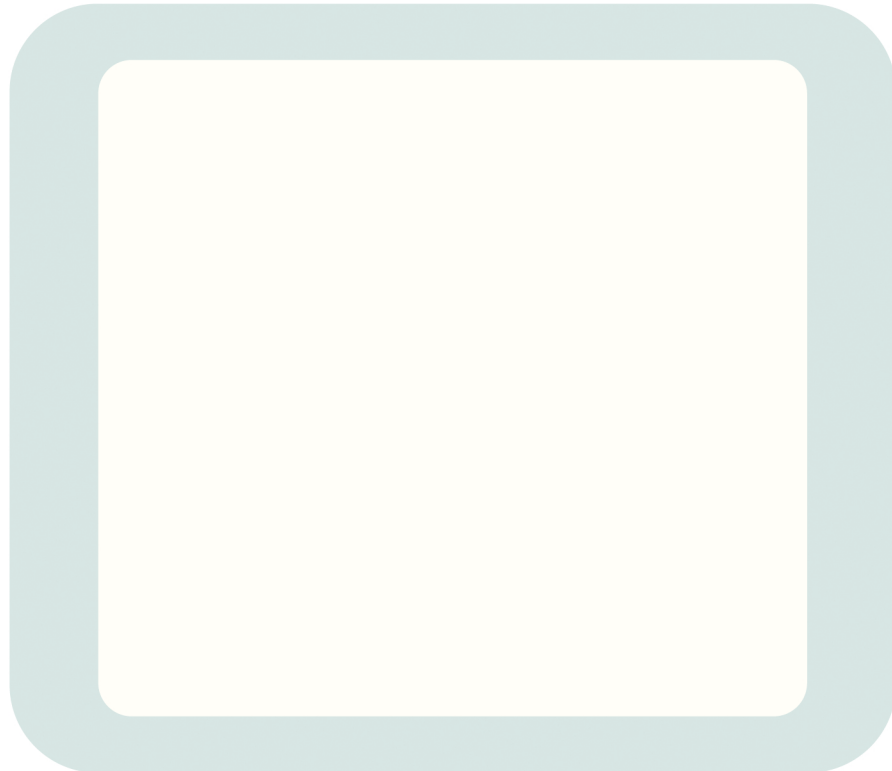
Name

Observer I

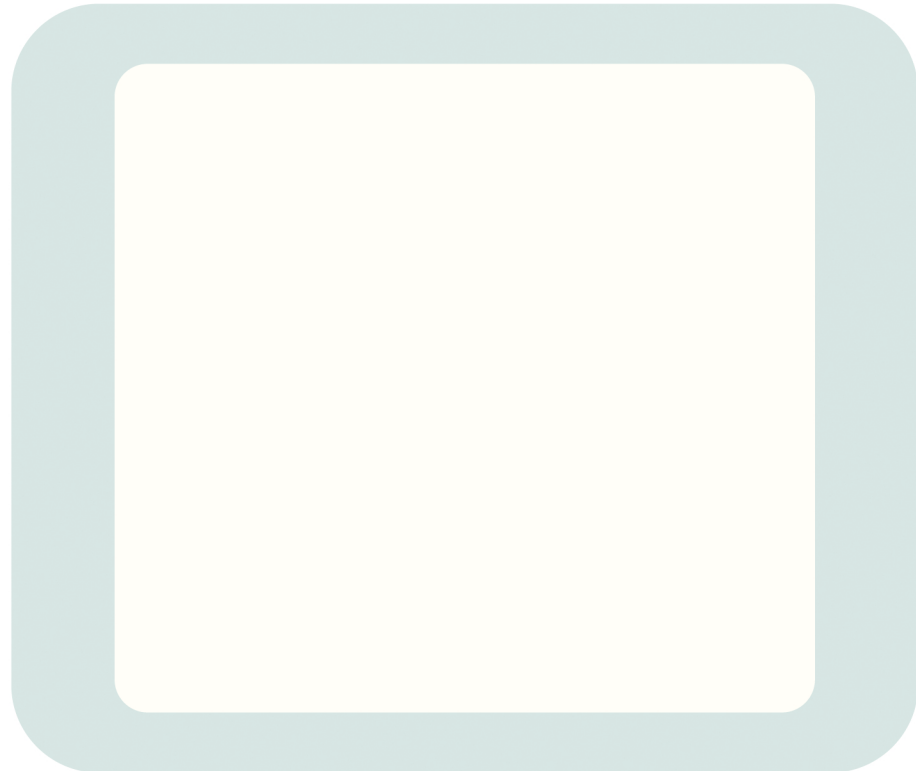
Observer II

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

6

4


more than 6

5

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

6

4

more than 6

5


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

6

4

more than 6

5

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

scrubs

grassland

agroecosystem

forest

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

scrubs

grassland

agroecosystem

forest

gardens, parks & urban areas

other:

WEATHER CONDITIONS

Temperature



Check your mobile and fill measurement (o C)

Cloud cover



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

Wind



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

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