

Plant Adaptations

1. Which habitats have the following characteristics?

You can mark more than one habitat for each characteristic.

	Rocky seashore	Garrigue	Woodland
salt deposit on ground			
shade			
humid soil			
exposed rocks			
cool temperate			
wind-sheltered			
sea spray			
direct sunlight			
very dry ground			
ground covered with soil			
windy			
high temperatures			
little or no soil			

2. Match the plants featured in the video with their adaptations:

Bear's Breeches

water stored in leaves

Golden Samphire

salt-filtering leaves

Mediterranean Thyme

water-draining channel in leaves

Glaucous Glasswort

very large leaves to better absorb sunlight

Italian-Lords-and-Ladies

oily substance in leaves to reduce evaporation



3. My kind of plant

Imagine a plant growing on vertical rocky cliffs, where no soil is present. Water is available only when it's raining as the cliff face does not hold water. The habitat is very sunny and windy. The plant produces small and delicate flowers in summer, which need to be protected from the sun.

Draw the plant in the space below. Remember that it needs to have:

- special roots to grip against the rocks;
- leaves adapted for collecting water when it's raining.
- an adaptation to protect the flowers from direct sunlight.

Use your imagination, and give a name to your plant, which you can write in the smaller box. You can also label your drawing to explain your ideas better.

