



# Youth Club of Lovers of The World of Plants

## Erasmus+ KA210–YOU Project

### Vegetation and Plantation in Manavgat



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# Vegetation and Plantation in Manavgat



Manavgat, which is a district of Antalya, located in the South of Türkiye, is known for its diverse and rich plant life. The district's flora is characterized by a wide variety of plant species, including both common and rare vegetation.



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# Vegetation and Plantation in Manavgat



## Climate and Geography **Climate**

The climate in Manavgat district is typically Mediterranean, featuring hot, dry summers and mild, wet winters, creating an ideal environment for a wide range of plant species to thrive.

## **Geographic Features**

The district's geographical characteristics, including its proximity to the Mediterranean Sea and the Taurus Mountains, contribute to its diverse and unique flora.



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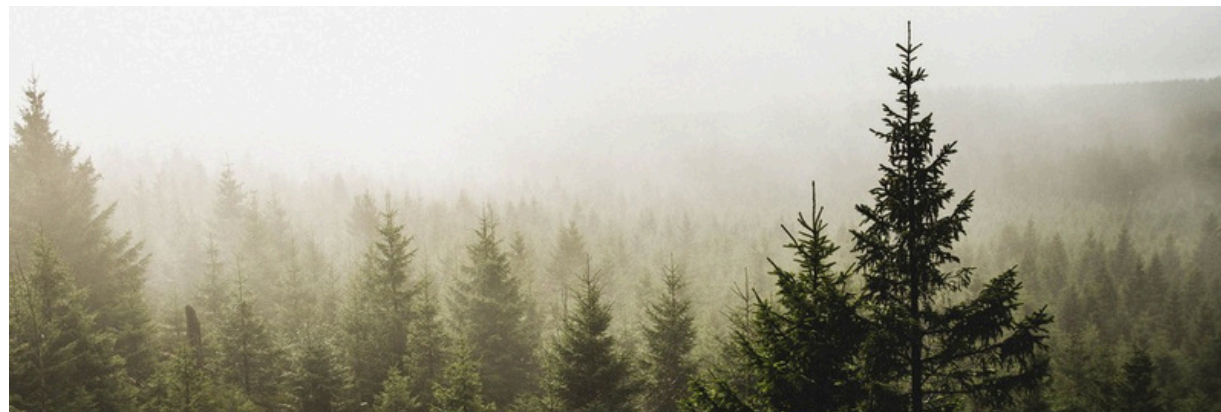


## Common plant species



### Olive trees

Olive trees are one of the most prevalent plant species in Manavgat providing a stunning sight with their silvery-green foliage.



### Pine trees

Pine trees are abundant in the region and play a vital role in sustaining the local eco-system, offering shade and stability to the landscape.



### Orange groves

Manavgat is known for its lush orange groves, adding vibrant colours and a sweet fragrance to the surroundings.



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## Common plant species



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## Bananas

Banana plants produce a large, edible fruit which contains a creamy white flesh around a collection of large black seeds.

## Cotton

Cotton is a type of fiber-bearing plant that produces a soft, fluffy white filament which is used to make clothes, bedding and other objects.

## Figs

Fig trees which are native to the Mediterranean region produce a sweet fruit high in fiber and vitamin C as well as minerals such as iron and potassium.



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Rare plant  
species

## Vegetation and Plantation in Manavgat

44+

Rare plant species

Manavgat is home to 44+ rare and unique plant species some of which are endemic to the region and require special conservation efforts.



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## Rare plant species

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## *Sea onion*

It belongs to Narcissus family and is a bulbous plant that can reach up to 40 cm in length.



## *Sea daisy*

It blooms in April and May and usually grows on the seashore.

## *Sideana broomrape*

It has a reddish color and grows on sandy ground and only in Side.



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## Rare plant species

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## *Cotton seed*

There are 3 different varieties in Türkiye which blooms in June and July.



## *Purple saffron*

It has purple flowers in Autumn and is a bulbous plant.



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## Significance and conservation of endemic plants

## Vegetation and Plantation in Manavgat



### Biodiversity

Exotic plants might be the flashy ones, but let's not forget the homegrown heroes!

Endemic plants deserve a round of applause for their critical role in keeping our planet's balance in check and providing a home for countless animal species.

Hooray for biodiversity!



### Conservation efforts

The guardians of our environment have recognized the importance of safeguarding the unique plant species that call our district home. These ecological superheroes have taken the lead in nurturing and defending their natural habitats, ensuring their continued growth and prosperity.



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# Impact of vegetation on the eco-system

## Vegetation and Plantation in Manavgat



### Erosion Prevention

Lush greenery comes with a superpower: holding onto soil for dear life. This means that riverbanks and hillsides in the district can be their strong, sturdy selves without the fear of erosion. Thank you, vegetation!

### Wildlife habitat

Within the district, the diverse flora acts as a bustling metropolis for a wide range of wildlife species, making sure the ecological equilibrium stays in tip-top shape.



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## Contribution of vegetation to tourism

## Vegetation and Plantation in Manavgat



### Diverse landscapes

Attractions such as forests, rivers, and mountains draw nature enthusiasts and eco-tourists to the district.

### Botanical interest

Botanic gardens and nature reserves showcase the district's unique flora, appealing to plant lovers and researchers.



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# Protection and sustainability of Vegetation and Plantation in Manavgat



## Conservation programs

Initiatives are in place to conserve native plants and mitigate threats to their habitats through collaborative efforts between governmental authorities and environmental organizations.

## Sustainable land use

Encouraging sustainable agricultural practices and responsible land management helps to preserve botanical diversity and natural resources in the district.



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Caretta  
Caretta

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Thank you for your attention.



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