

Weeping Willows: The differences between Spain, Slovenia and Iceland

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Introduction

In this project we have investigated the differences that weeping willows have between Spain, Slovenia and also a little bit with Iceland.

Weeping willow (*Salix babylonica*) is a gymnosperm tree. It usually grows until 20 meters, so it's a medium-big tree. They can live about 30 years without any human cares. One of the most particular characteristics is that the branches are really long and flexible, so they tend to fall down. Also is a caducous tree and a dioecious species, there are masculine and feminine

Our research goal is to...

As we have said, the tree has the ability to grow in a lot of different types of soil and weather, so our goal is to see the differences that a weeping willow has between Spain and Slovenia.

WHERE DO THEY LIVE?



Native from the north of China



Nowadays this kind of trees are in a lot of countries (almost all of Europe, Central and West Asia and North Africa)



This is because it has the ability to grow in different types of soil and weather



They usually live in sotes, banks and wet places, which rely a lot on water to grow.



In Spain they are located near the main rivers of the plain and at the base of the mountains.

Then we compared data...

Materials and methods

To do our investigation, we collect data and compared it with the Slovenia information

Firstly, we created a chart to complete with the information. Because of the quarantine we couldn't go outside to investigate, so we have done it with online resources. It was easier to control the weather because we have done it from our windows and balconies. To the data about the tree, we have used a website call "Inaturalist", in which we could look for the information without going out. With this we could see the variables.

However, the Slovenia students could made the observation of the growing and the weather control for 10 days.

Conclusions

From our results, we can conclude that weeping willows have blossom before in Spain because of the weather. Both countries have mediterranean weather, but Spain is a little bit warmer. This is because of the latitude, Slovenia is further from the Equator than Spain.

However, we still consider...

This is because Spain has been having really warm days is the last few weeks, so the temperatures might affect to the blossom.

Our results also indicate that weeping willows can easily adapt to different weather conditions, but the ideal conditions are warm temperatures.

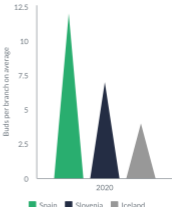
ICELAND

We had problems with Iceland data, so we did a little investigation on our own. Because of that, the precision is not as good as in the Slovenia case. We looked for a weeping willow in the same website we used for the other investigation.

LATITUDE: 65.3480
ALTITUDE: 440 m
AVERAGE TEMPERATURE: 1,7º
SHELTERED FROM WIND OR NOT: Not sheltered
BUDS PER BRANCH ON AVERAGE: 4

Conclusion

With the little information that we have we can say that Iceland is the coldest country of the 3 because is the further from the Equator. This affects in the blossom because Iceland weeping willow's are the ones with the fewest buds per branch on average.



IMPORTANT POINT!

Scan for additional information about both countries and about the weeping willow



SCAN ME

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