



Willows

Genus salix

¿Can willows survive in our countries?

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Introduction

Willows, also called **sallows** and **osiers**, from the genus **Salix**, lives in our countries and many others. There are around 400 species of this kind of trees and shrubs.

Our **research goal** is to find the main characteristics of willows, and specially where we can find them.

Materials and methods

To study this aspects, we have looked for information in scientific websites like **inaturalist**.

As a first step, we **took notes** from inaturalist about the different species of willows that are in our countries.

We have **compared** the number of observations that were in the website and also the number of species (Represented in the graphics).

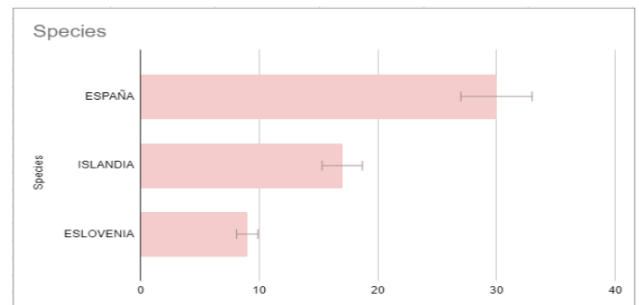
After comparing the data we **looked for information** to answer the main question.

Conclusion

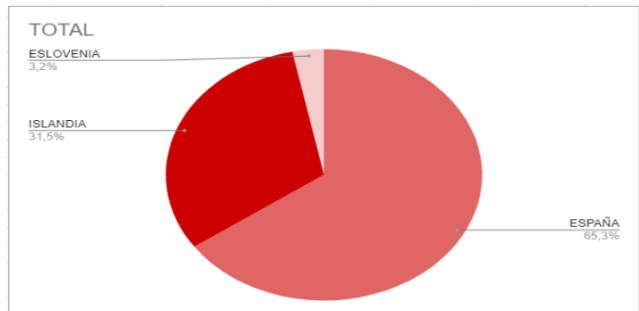
From our results, we can conclude that willows survive in hot and cold climate zones, although most develop in humid climates, like our countries.

Salix species seems to be very resistant because their adaptability. We can find different species of willows in many parts of the world, but specially in the north hemisphere.

Total species



Total observations



Data

Willows all have abundant **watery bark sap**, which is heavily charged with salicylic acid, soft, usually pliant, **tough wood**, slender **branches**, and large, fibrous, often stoloniferous roots. The **roots** are remarkable for their toughness, size, and tenacity to live.

We can find salix of **any size**, for example the tiniest tree of the world is **Salix Herbacea**, which only reaches 6 cm tall. But also, **Salix nigra** which can reach 35 m tall. More than **400** types of willows survive in hot and cold climate zones, although most develop in **humid climates**. For example, **Salix babylonica** is the most common in **Spain** and grows near the water but also can live in dry climates.

References

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Wikipedia. 2020. retrieved from <https://en.wikipedia.org/wiki/Willow>
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