

OF ST JAMES













## Santo Domingo de la Calzada - Belorado

### From open country to Gypsum

On the 22 Km. of this leg you will walk in the Ebro River Basin close to its south eastern border. After crossing the river Oja and just before Grañón, the Way passes a mere 500 m. from a remarkable Oak forest, just before entering Burgos province in Redecilla del Camino and leaving La Rioja.

You will cross several small streams and on the left, towards the south, the foot hills of Sierra de la Demanda will accompany you and in the distance its highest peak: the rounded mount of St. Lorenzo, 2.271 m. high.

After passing through some villages of La Riojilla Burgalesa and seeing some gypsum in the landscape, you will get to Belorado, end of this stage.

This series of pocket guides: **Nature on the Way of St James,** is fruit of the collaboration agreement between the Social Work Programme of Caja de Burgos and the Natural Heritage Foundation of Castilla y Leon.

The object of these pamphlets is to give pilgrims, hikers and inhabitants of the Jacobean area some interesting notes on the nature and landscape of the Way.

The stages described are part of the the French Way as it passes through Burgos: Santo Domingo de la Calzada-Belorado; Belorado-San Juan de Ortega; San Juan de Ortega-Burgos; Burgos-Castrojeriz and Castrojeriz-Frómisa, covering the approximate 132 km of the Way in Burgos.

We hope that the reader will be able to appreciate and, above all, respect what Nature has to offer and thanks to these simple notes will enjoy and understand the Way a little better.

The twisted riverbed indicates the torrential and unsteady character of this river. A water rise (flood) can perceptibly alter the shape of waterways



## Stage 1: SANTO DOMINGO DE LA CALZADA - GRAÑÓN

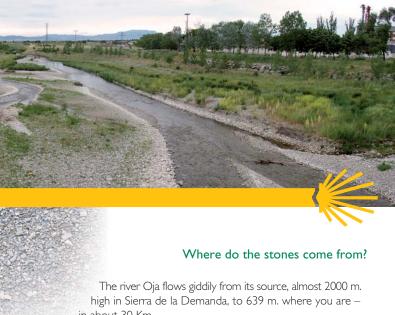
## River Oja, Course or Quarry

The word glera refers to land with a large proportion of gravel, as can be verified by looking into the river from the bridge.

The apparent disproportion between the amount of water in the river and the number of arches and length of the bridge may attract your attention. But the bridge builders knew that the sudden floods of the river Oja could be very violent, carrying everything in their path, including the rocks here deposited.

> The Glera is a tributary of the river Tirón, iust as the other small rivers that flow into the Ebro and which you will cross on this stage: Majuelos, Villar Medio, Rechaliego, Villamayor, Sanchidrián de la Tejera, San Julian and Trambasaguas.

> > The river pebbles are not overly rounded, indicating their relative nearness to their origin in the mountains



in about 30 Km

In its descent it has been dislodging, dragging and rounding the rocks from the high part of the sierra (among the oldest in the Peninsula) and from the lower zones (more modern), and depositing them in places like this one where the ground is more level.

The energy of countless storms, the river floods and above all, thousand of years of friction have rounded the stones off.

The premise that the etymological origin of La Rioja lies in River Oja is not very clear. There are various opinions and studies, some of which support the theory and others not.

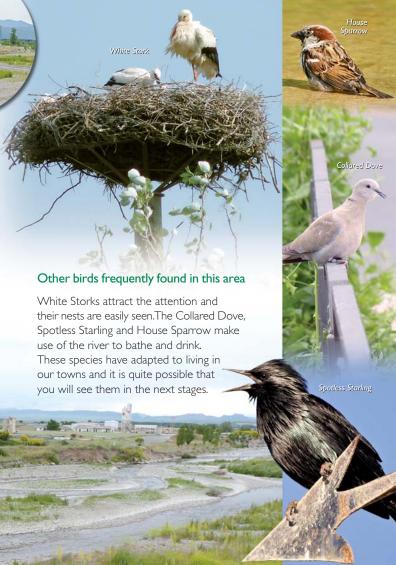


# Wagtails and Martins frequent the River Oja

The Wagtails hop over the rolled pebbles while the Martins do acrobatics above the river course. One on the ground, the other in the air, both capture the insects necessary for their diet. They also bathe and drink water.

The Martins, Swifts and Swallows can only be seen in spring and summer. In autumn they leave to spend the winter in Africa.





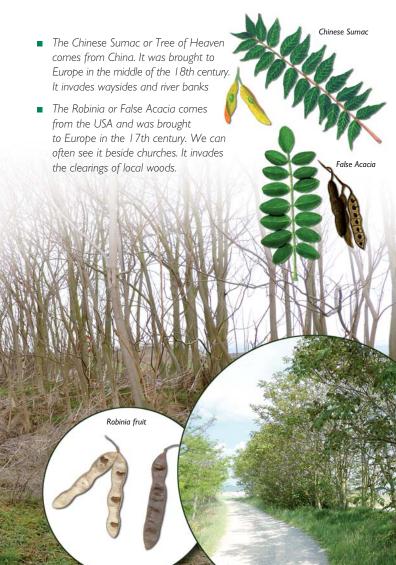


## Plant invaders from east and west

They resist contamination, hardly suffer from plagues, can stand heat and drought... they are authentic survivors which triumph where other trees fail. Moreover, they grow and spread very quickly. Thanks to these abilities they have escaped our control and can create serious problems for local trees when they leave the edges of the roads.

Although they give an exotic touch to the Way, they are an example of a real threat which is the invasion of species from other places.

These invaders will be seen on the wayside just after leaving the river Oja



# From the Ebro basin to the country fields

In the valleys and zones near rivers, in the flatter areas, the landscape is characterized by the ancestral use of their fertile soils and the proximity of water. What the rivers have pulled down from the mountains is deposited as sediments, rich in nutrients, on the meadows and alluvial plains which are used for cultivation.

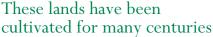
After leaving behind the river Oja you will now enter the landscape of the lands of the Ebro depression, always with the northern foothills of the Sierra de La Demanda to the south. Here the contours are more rounded.

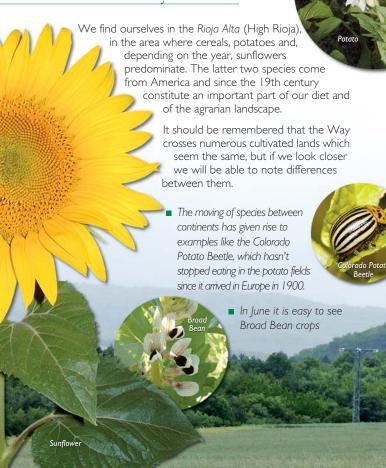


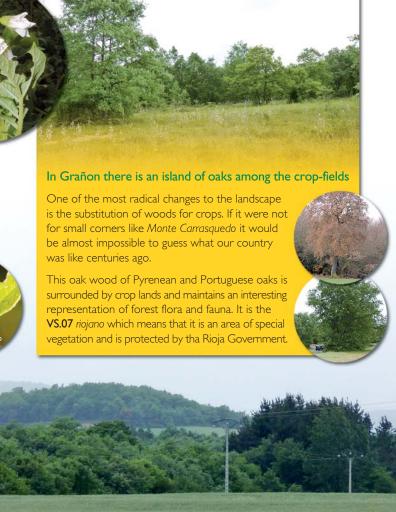


on the next leg, where we will enter the Sierras Ibéricas.











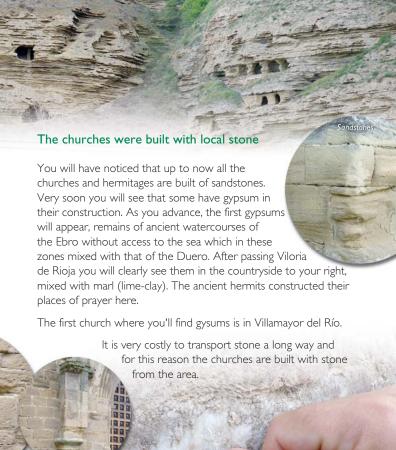


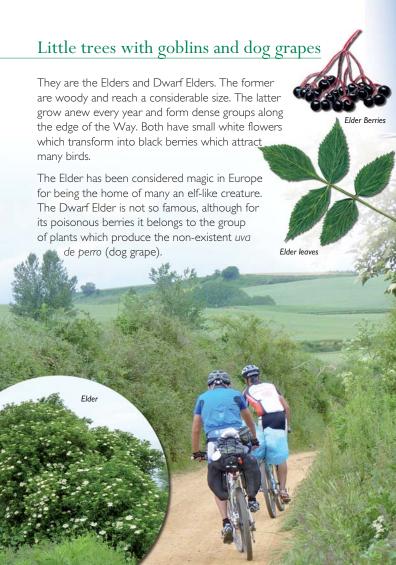


Municipalities like Bascuñana, Castildelgado, Fresneña, Ibrillos, Redecilla del Camino, Redecilla del Campo, Viloria de Rioja and others, form the *Riojilla Burgalesa* (Little Rioja of Burgos). A curious name whose origin lies at the beginning of the 16th Century when these lands and a large part of the present La Rioja formed part of the Province of Burgos, heir to the Merindad of Castilla, also covering parts of Palencia Zamora and Cantabria.

In 1833 the Province of Logroño separated leaving the lands of Riojilla definitively for Burgos.









## Gypsum on the slopes

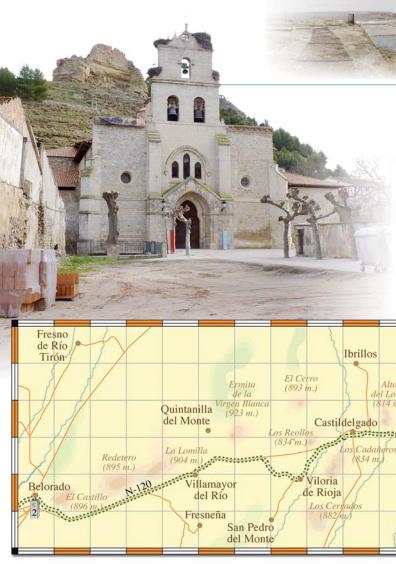
Just at the entrance to Belorado, to the right of Trambasaguas stream, you will walk beside the gypsums of the hillside which have been on your right as you approached.

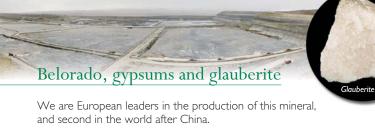
These gypsums formed in enclosed lakeside zones where the very arid climate evaporated the water. This caused the different disolved salts to crystalize into solid form.

But not all of them did so together.







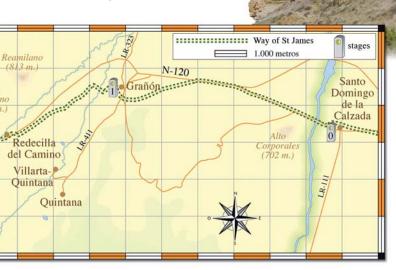


The formation of the glauberite and its preservation during millions of years, thanks to it being covered in limy silt, puts at our disposal a source of wealth unique in the world.

You should know that when you use detergent, glass or paper, as well as other products, glauberite is an essential component in their manufacture.

On your journey to Santiago you can count on the continued company of the wildlife that has evolved in the countryside as a result of the works of Nature and Man.

### **Good Journey!**







#### **BURGOS - VALLADOLID - PALENCIA**

 $http://www.medioambientecajadeburgos.com\\ caminosantiago@medioambientecajadeburgos.com\\$ 



