

## Garma Ciega

The entrance is located in the Macizo del Tejes, in Soba (Cantabria) and the coordinates are:

**Boca de Garma Ciega**

(Datum WGS84)

**30 T 454022 4786895**

To access it, take a track that starts from the town of Astrana, allows you to reach the area between malos by car and in an all-terrain vehicle and if the conditions are good, up to a few meters below the chasm.

The entrance to Garma Ciega offers an exceptional panoramic view. It is a lapiaz or garma with no apparent bottom. The dimensions of this entrance (45 x 25) take the form of two large, pointed conduits, separated by a narrow partition, all of it surrounded by dense vegetation.

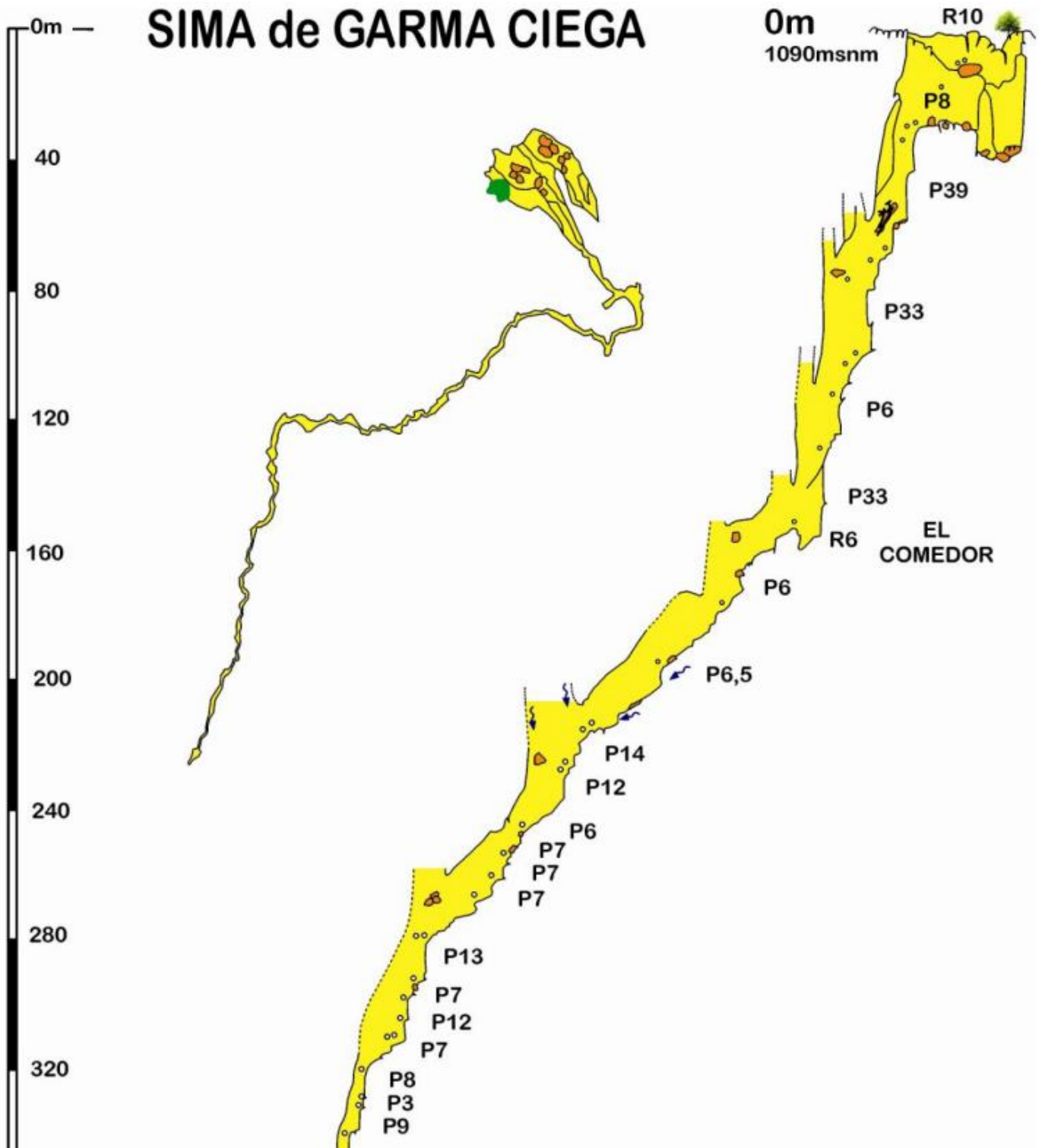
In the upper area of the chasm in the S.E. part of the mouth, Route No. 2 emerges, which leads to the dining room after a series of protrusions and pitches (P6, P20, P30, P5, P18). From the dining room, the morphological conditions are somewhat different. A network of meanders begins, with its own flow; at the beginning it is full of blocks in a very unstable position. After several opposing ledges and a P5 and another 6.5 m high, we reach point 12. From here, the collecting area is unified into a single duct, which is increasingly narrower.

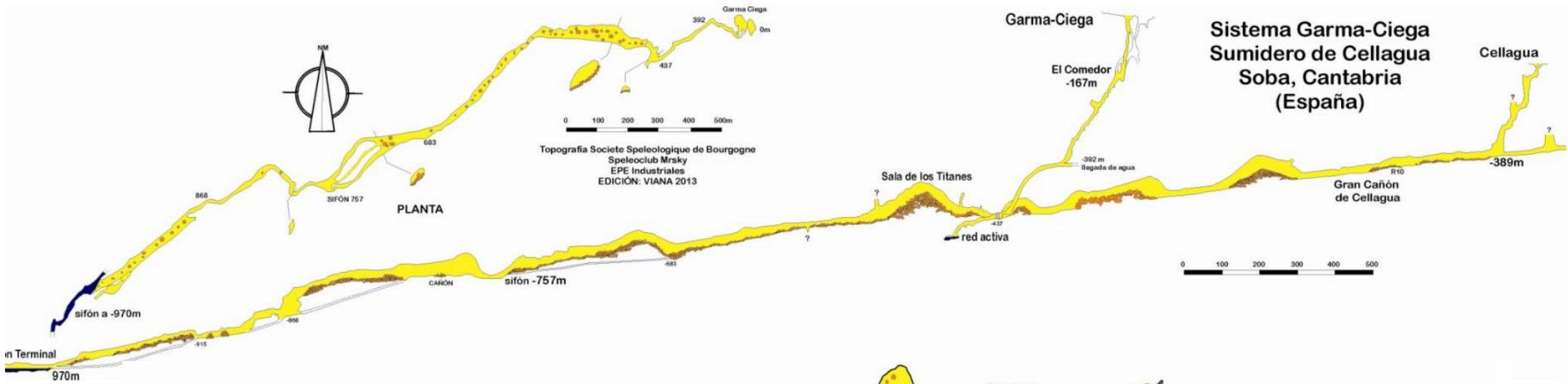
We then descend along a less vertical section; however, there are still pitches, meanders and ledges. They continue like this, P14, P12, P6, P7, P7, P7, P13, P7, P12, P7, P8, P3 and P9. Shortly after we have a deeper pitch than the previous ones. This is P34, which gives access to the Sala Blanca. Following the gallery, we come across a tributary with a much larger flow than that provided by the Garma Ciega collector.

If we continue down, we enter deeper and deeper into the main network. The meanders now continue to become narrower and narrower, with a considerable flow. In some places, the section of the gallery reaches 30 cm in width. Two 3 m ledges continue a few metres further on, and then two pitches with potholes at their base (P9 and P7) lead us to the end of the vertical path of Garma Ciega, at an altitude of -433 m.

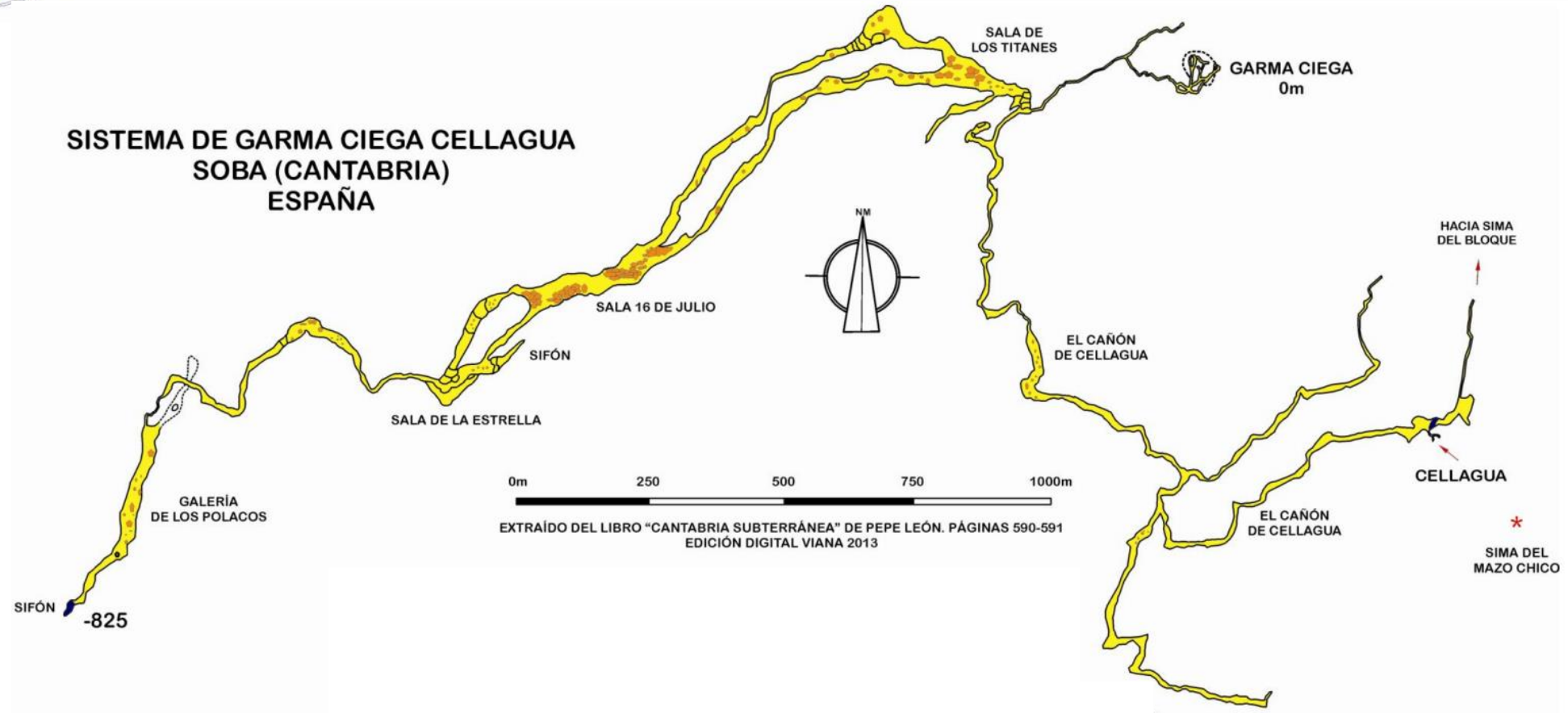
A few meters further on is the Union Room.

# SIMA de GARMA CIEGA





**SISTEMA DE GARMA CIEGA CELLAGUA SOBA (CANTABRIA) ESPAÑA**



### Cellagua pitches

The installation of the Cellagua pitches can be done in many different ways and with different materials. There are several publications that describe this installation and the size of its pitches. Below we give a summary of the possible materials, although there may be other options:

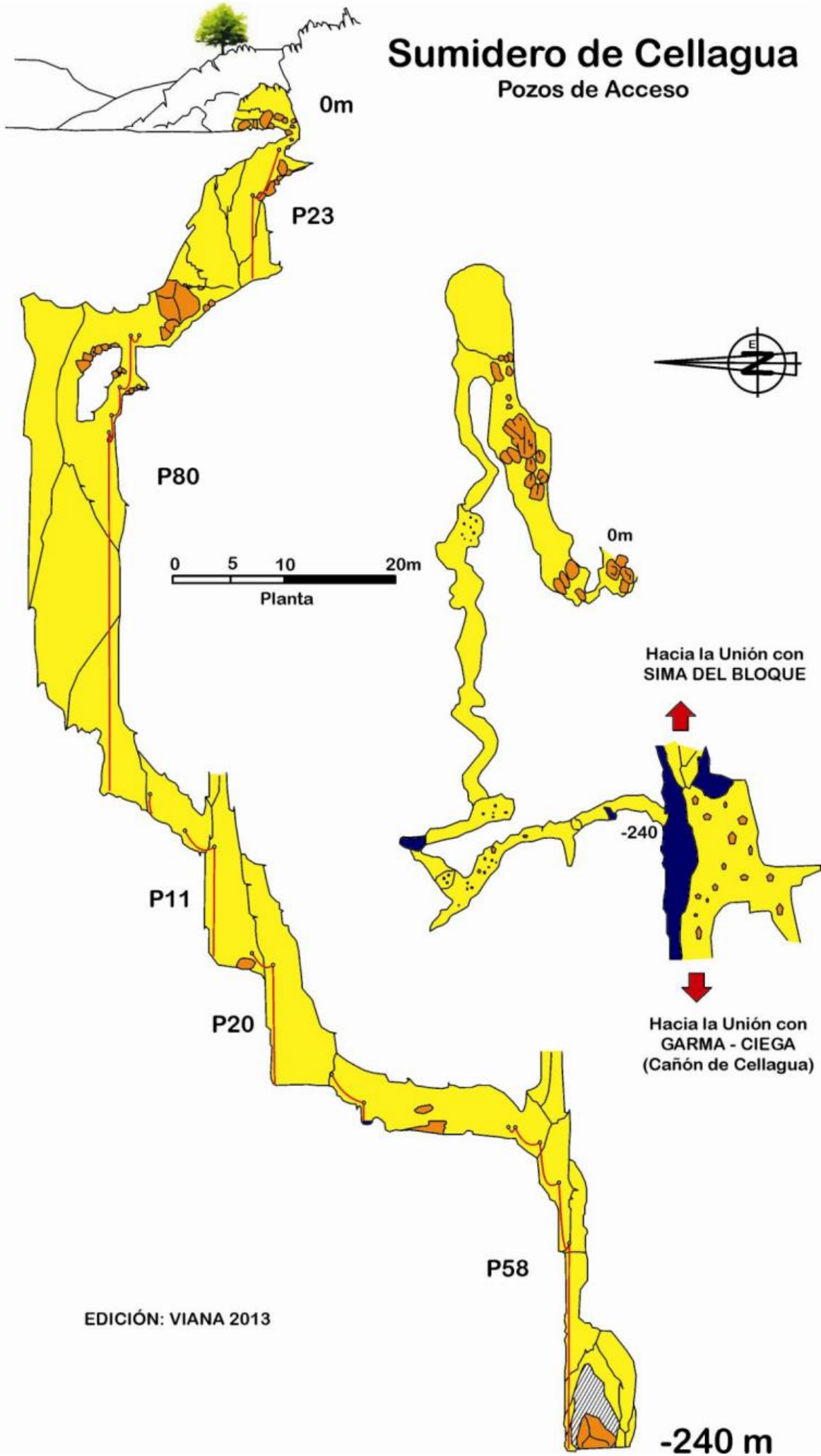
Pozo	Cuerda	Anclajes
<b>P25</b>	45 m	8 sp
<b>P80</b>	10 m.+ 4 m.+ 85 m	2 sp + 1 sp + 2 sp + 1 pb + 1 sp + 2 sp + 1 sp + 1 sp + Na
<b>P8</b>	20 m	1 sp + 3 m. 1 sp + 1 sp desv
<b>P23</b>	100 m	2 sp + 2 sp + 1 sp
<b>P20</b>	la misma de 100	1 sp + 2 sp + 1 sp + 2 sp
<b>P2</b>	la misma de 100	1 sp
<b>P4</b>	la misma de 100	1 sp (Los p23, p20, p2, p4 con cuerda de 100 m llega para todos)
<b>P58</b>	75 m	2 sp + 2 sp + 1 sp + 2 sp + 1 Na

**Sp** = spit, **Pb** = parabol, **Na** = natural

The P80 requires access handrails on the left wall.

# Sumidero de Cellagua

Pozos de Acceso



EDICIÓN: VIANA 2013