

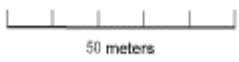
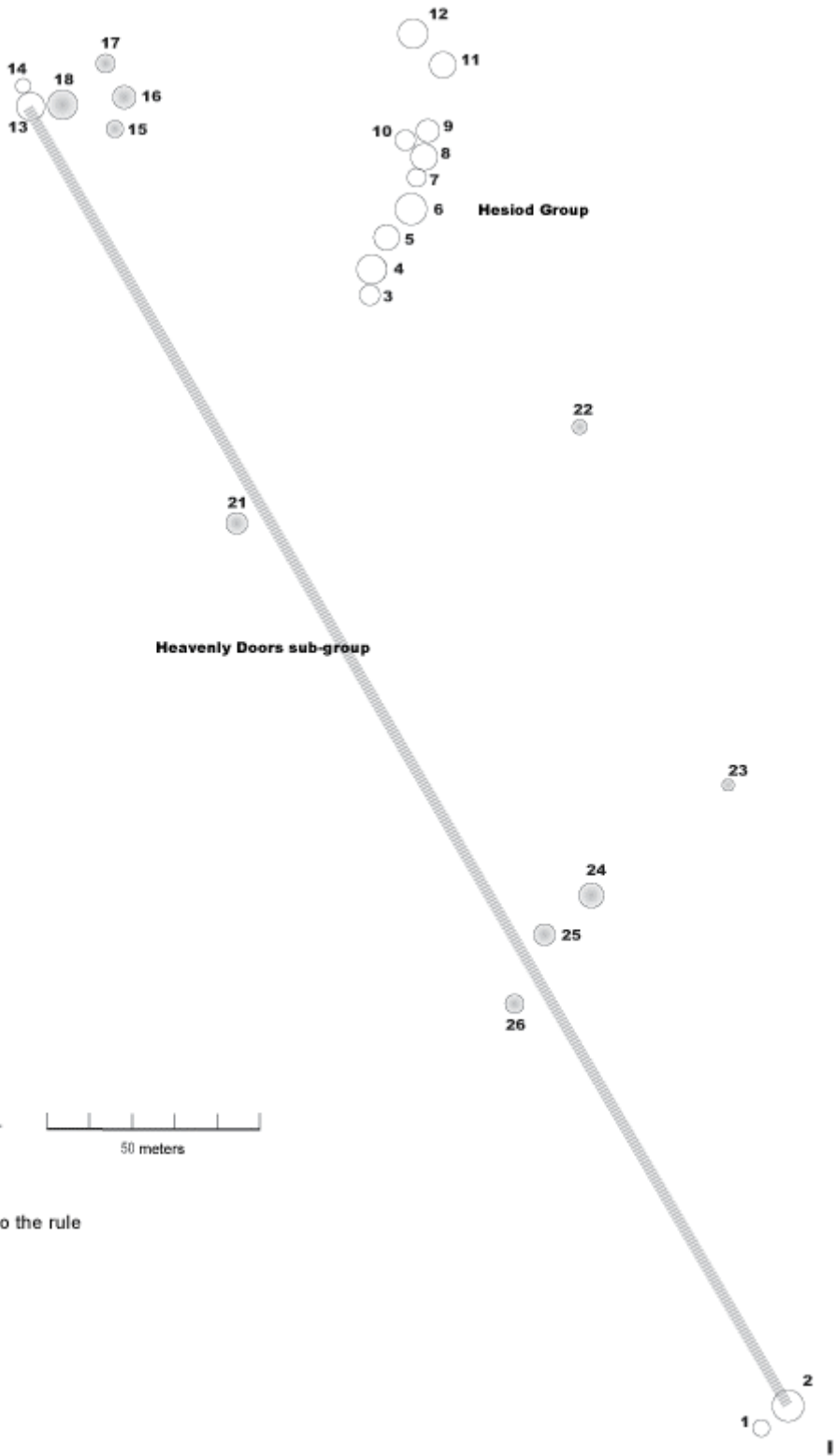
Cromlechpyrene

OKABE
(synopsis)

Juan José Ochoa de Zabalegui

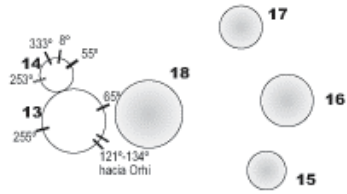
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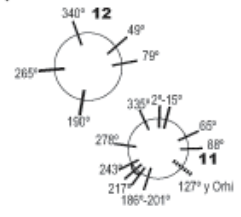


Okabe
 Scale, fit to the rule
 Drawing 1

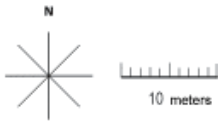
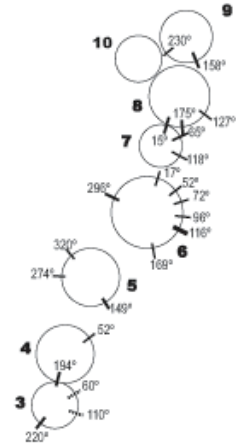
Heavenly Doors sub-group (partial)



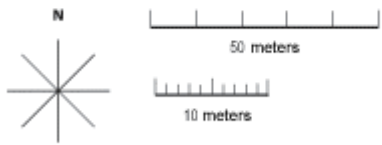
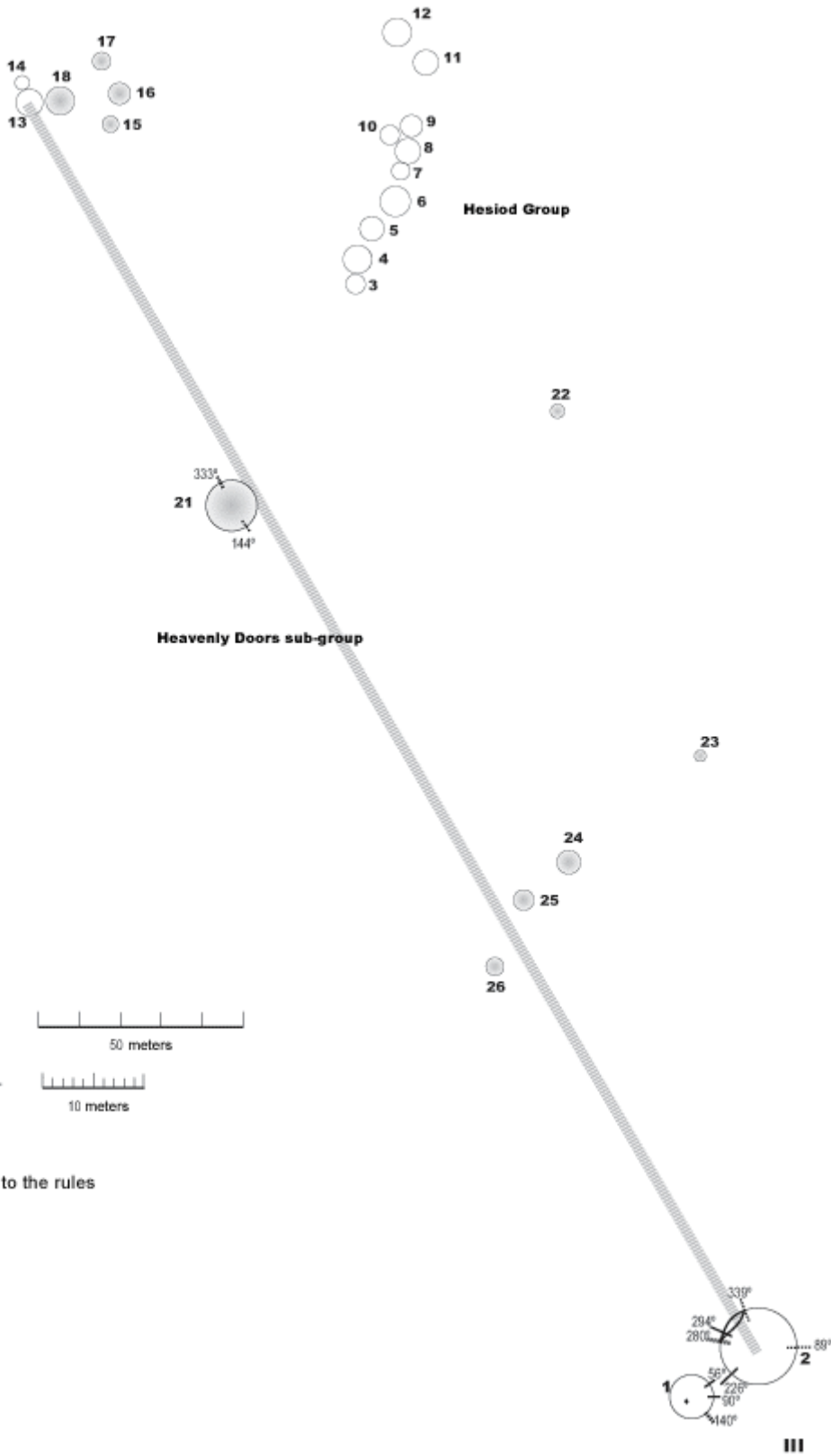
menhir tumbado 310°



Hesiod Group



Okabe
Scale, fit to the rule
Drawing 2

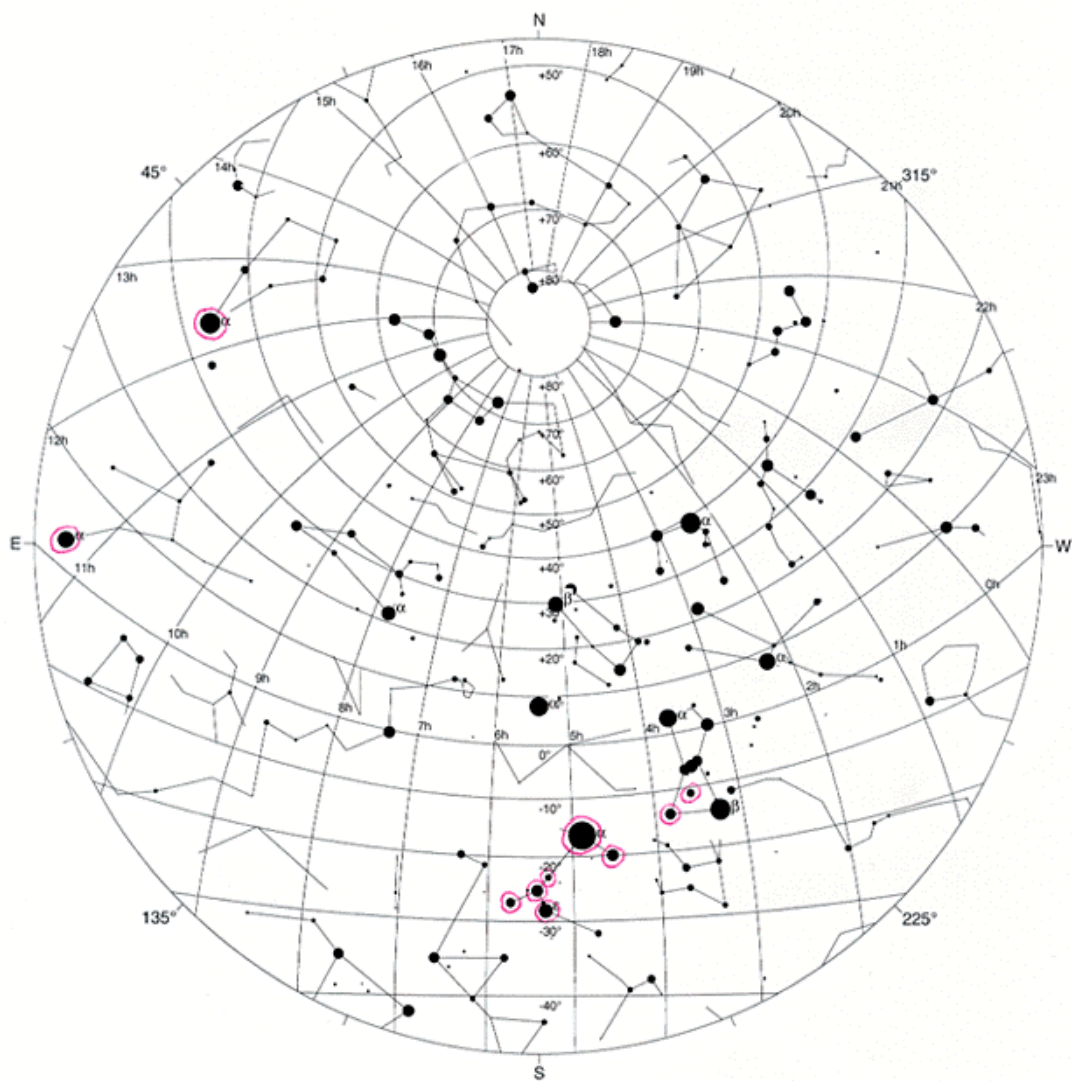


Okabe
Scales, fit to the rules
Drawing 3

Okabe

Celestial chart 1

Hesiod Group

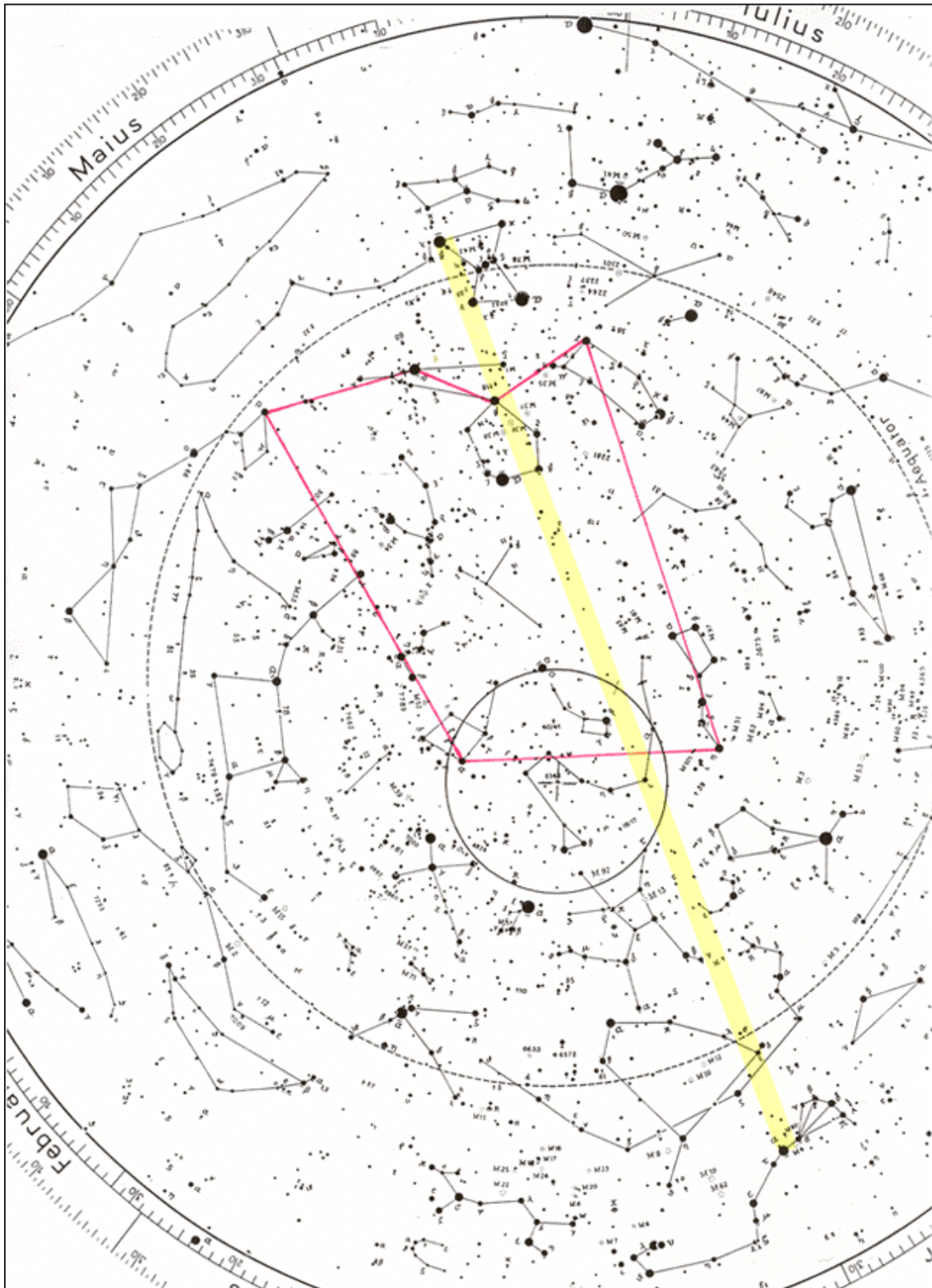


In red, the stars implicated in the sub-group

Okabe

Celestial chart 2

Heavenly Doors sub-group



In red, the stars implicated in the sub-group

Okabe

Location

Geographically speaking, Okabe stands on the coordinates: latitude N. 43° 02' 19", longitude W. 1° 03' 39", altitude 1380 metres. Map: Carte IGN, serie bleue 1:25000, 1346 est, St-Jean Pied de Port.

Monuments and drawings

I have respected on the drawings the way Dr. Blot numbered the circles, originating in that of R. Gombault, including the 24 circles seen and interpreted. In order to interpret the Okabe Psc's, I have divided them into two sub-groups.

- The first subgroup corresponding to the circles numbered 3 through 12, both inclusive, which has been called the **Hesiod Group**, because it is thought that it can be resolved by adequately interpreting *Works and Days* verses 609-614 by the said author

- The second relates the rest of the circles in the area, placing special emphasis on the alignment which runs from circles 1 and 2 to 13 and surrounding circles. This alignment is called the: **Alignment of the Heavenly Doors of the Souls**. **Drawing 1** is a general representation, on a scale of 1:1.250, of all of the Okabe circles. **Drawing 2** is drawn on the commonly used scale of 1:500, presenting the **Hesiod Group** in addition to the stone circles corresponding to the **Door** which Macrobius and other authors call "of the Gods". Beside this, **drawing 3**, to which belongs the entire alignment of the heavenly doors of the souls, appears in the general scale of 1:1.250, although I have drawn circles 1, 2 and 21 at a scale of 1:500 in order to make its witness more illustrative in order to understand the interpretation of the group.

Likewise presented are two star charts, number one, drawn up with StarCalc 5.71, the stars comprising the Hesiod subgroup are marked in red, and number 2, coming from the mobile Sirius star chart generally reflect the stars involved in the **Alignment of the Heavenly Doors of the Souls**.

Astronomic interpretation of the Central or Hesiod Sub-group

- ★ **Circle 3:** ι Orion, with a magnitude of 2.77.
- ★ **Circle 4:** Saiph, κ Orion, with a magnitude of 2.06.
- ★ **Circle 5:** Mirzam, β Canis Major, with a magnitude of 1.98.

- ★ **Circle 6:** Sirius, α Canis Major, with a magnitude of -1.46 .
- ★ **Circle 7:** ‘o 2’ Canis Major, with a magnitude of 3.02 .
- ★ **Circle 8:** Wezen, δ Canis Major, with a magnitude of 1.84 .
- ★ **Circle 9:** Adhara, ε Canis Major, with a magnitude of 1.5 .
- ★ **Circle 10:** Aludra, η Canis Major, with a magnitude of 2.45 .
- ★ **Circle 11:** Spica, α Virgo, with a magnitude of 0.98 .
- ★ **Circle 12:** Arcturus, α Boötes, with a magnitude of -0.04 .

Astronomic interpretation of the Alignment of the Heavenly Doors of the Souls

- ★ **Circle 13:** Antares α Scorpius, with a magnitude of 0.96 .
- ★ **Circle 14:** τ Scorpius, with a magnitude of 2.82 .
- ★ **Circle 15:** ζ Ophiuchus, with a magnitude of 2.56 .
- ★ **Circle 16:** Sabik, η Ophiuchus, with a magnitude of 2.43 .
- ★ **Circle 17:** θ Ophiuchus, with a magnitude of 2.43 .
- ★ **Circle 18:** Planet.
- ★ **Circle 1:** Arneb, α Lepus, with a magnitude of 2.6 .
- ★ **Circle 2:** Rigel, β de Orion, with a magnitude of 0.1 .
- ★ **Circle 21:** Alkaid, η Ursa Major, with a magnitude of 2.4 .
- ★ **Circle 22:** Alderamin, α Cepheus, with a magnitude of 2.3 .
- ★ **Circle 23:** Menkar, α Cetus, with a magnitude of 2.5 .
- ★ **Circle 24:** Aldebaran, α Taurus, with a magnitude of 0.85 .
- ★ **Circle 25:** El Nath, β Taurus, with a magnitude of 1.65 .
- ★ **Circle 26:** Alhena, γ Gemini, with a magnitude of 1.93 .

Meaning of the representation

The sub-group named ‘Hesiod’ acts like a calendar.

The so-called ‘Alignment of the Heavenly Doors of the Souls’ is a graphic representation of the said doors to which we find extensive reference in numerous historical documents from Antiquity.

Other similar Pyrenean realizations

Of the sub-group Hesiod:

Eteneta II, Unamene and ‘Lepoko Estua’ and The Crown of the Moons groups.

Of the ‘Alignment of the Heavenly Doors of the Souls’:

Groups: 0100-03-13, 16 and 17, Iraingo Ataka, Ibintza and Gerasunko Ataka — pages 399-411 of *Del crónlech pirenaico*, Ed. Txertoa—. Aguiña I, Azpegui and Camón de las fitas, among others.

Toponymy

The toponymic information found throughout the work is of astronomic *convenience* and is studied under the ‘appointed ‘Basque namer’ in the terminology of Alberto Porlan, using Plácido Múgica’s Basque-Spanish and Spanish-Basque dictionaries.

Otxa-Bel, Oka-Bel ‘Fullness at the culmination of Bel’? I don’t know,, although after Jaiki Bel, ‘the ascension of Bel’, seen in today’s Jaizkibel , *would come its culmination oca*, Lately these are the terms that are in my mind: *oc, ok, oca, oka, oza, ots, otsa, otx, otxa, otz, otza* = Sirius, which point to ‘Sirius Bel’, after discovering something very clear in the Pyrenees: Sirius = Bel. Although I am trying laxly to find equivalentents between Oca and Sirius — both very Pyrenean and very much linked to the Way of St. James— I have yet to do so.