

THE CONSTELLATIONS

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WINTER CONSTELLATIONS

WHAT IS A
CONSTELLATION???

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What is a constellation?

- ❖ A constellation is a group of stars which we associate a form, a story or a myth with.
- ❖ Depending on the season of the year, we can see a constellation or another.
- ❖ We can see some constellations with a naked eye because they are closer to the Earth, but for seeing others we need a telescope. Some are easier to recognise but others aren't.

"Orion"



- Orion is also the easiest constellation to find.
- Orion appears in the morning at 9 o'clock.
- The easiest way to locate Orion is finding the hunter's belt. The belt has got three important stars. They are called Alnitak, Alnilam and Minatka.



The Winter Hexagon

- The winter hexagon is easy to see, because it is formed by the most brilliant stars of 5 different constellations and one more star.
- You can see The Winter Hexagon at midnight in winter.



SPRING CONSTELLATIONS

Cristina Ruiz García

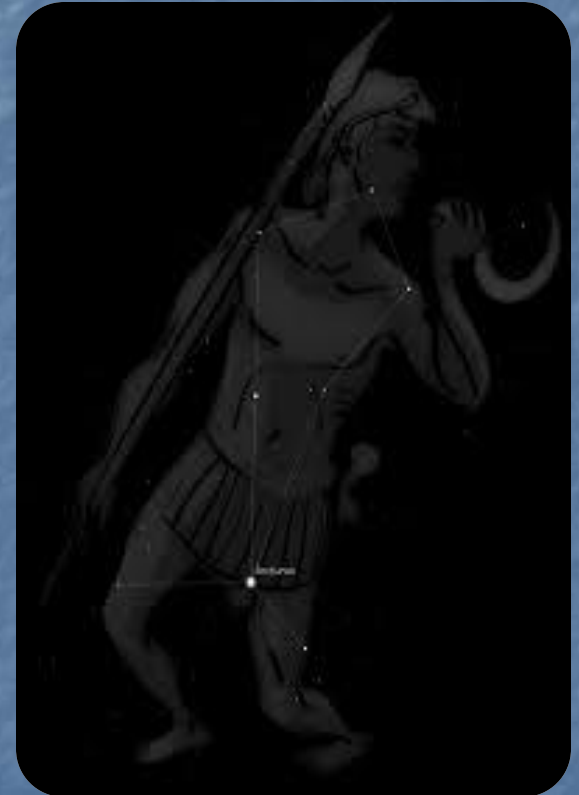
CORVUS :

- The constellation corvus is a beautiful constellation.
- This constellation is a square.
- This constellation limits at the south and north with " Virgo ".
- This zone is a poor zone of stars.



BOYERO :

- The constellation boyero is long.
- In the east, it is the constellation "Hercules" and "Corona Boreal" in the west.
- It has the constellation "Cabellera de Berenice".



CORONA BOREAL :

- This constellation is formed by seven stars.
- It's between "Bovero" in the West and "Hercules" in the East.
- Its important star is "Alphecca".



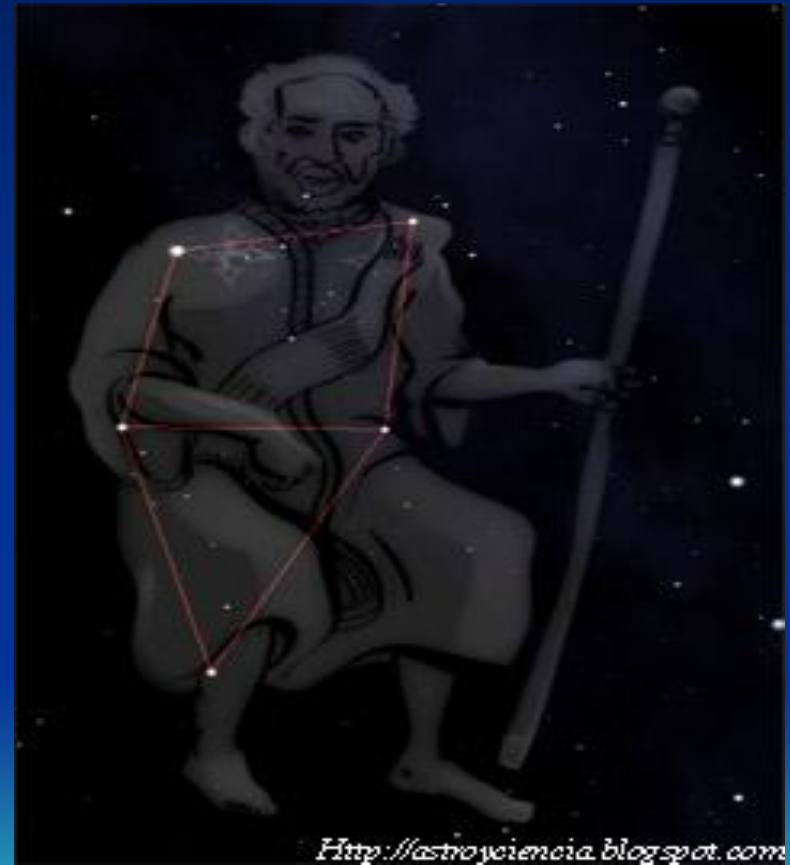
AUTUMN CONSTELLATIONS

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CEPHEUS

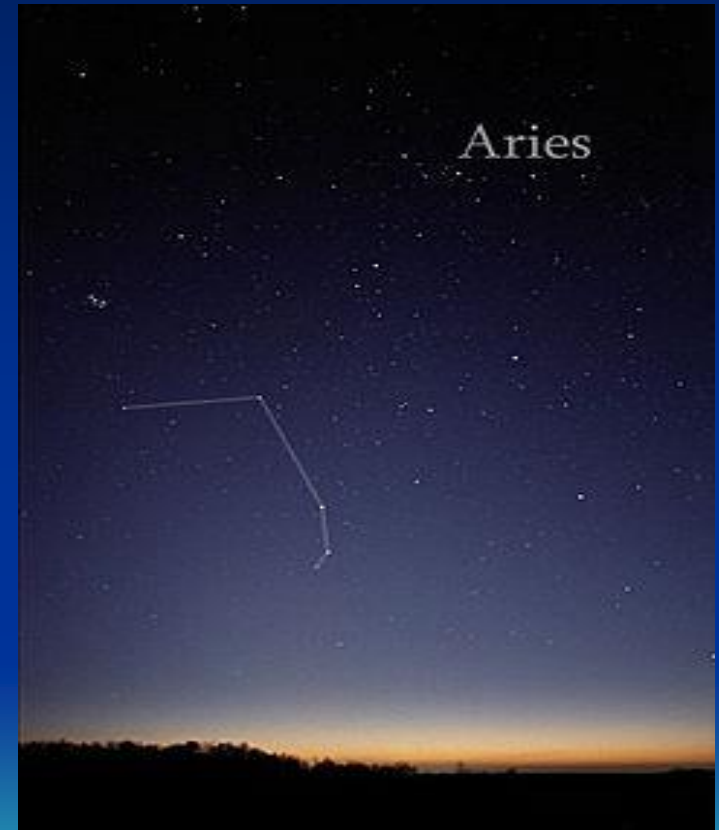
- The constellation of "Cepheus" is located in the northern hemisphere and represents the Ethiopian king Cepheus.
- Cepheus contains two variable stars of special interest in astronomy: "Cephei" and "Alfirk".



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ARIES

- It is the first and the major constellation.
- It represents a ram and is located west from "Taurus".
- You may distinguish them because there is a group of very close three stars : Hamal, Sheratan and Mesarthim, forming its head.



THE LIZARD

- The Lizard, is a modern constellation. It was discovered around 1687.
- It is a small constellation that is north from "The Swan" and "Andromeda".
- It lies within the Milky Way but there are no bright stars within it, therefore, it is not easy to identify.

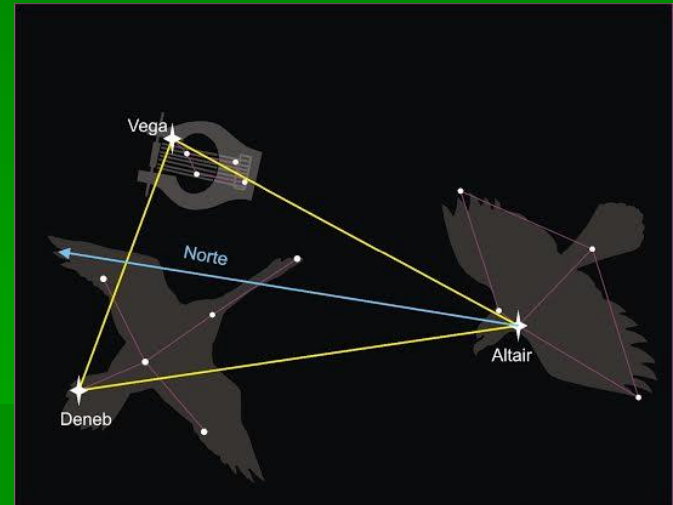


*THE SHOWER OF
STARS AND THE
SUMMER
CONSTELLATIONS*

Marta González Palmero

The Summer Triangle

- It's more visible in summer.
- This forms up three other constellations.
- The Swan has 9 stars and the principal star is Deneb.
- Lira has 6 stars and the principal is Vega.
- The Eagle has 6 stars and the principal is Altair.



Scorpion

- The Scorpion stung Orion with its sting, causing their death. The Gods rose to Orion and the scorpion to heaven placing them at opposite ends of the sky, so that when Scorpion rises in the horizon, Orion is hidden.
- It has around 15 stars. Beta and Alpha are called the Tong stars.



The Perseids: shower of stars in summer

- The Perseid meteor shower, also known as the "Lagrimas de San Lorenzo" for the proximity with the feast of San Lorenzo.
- It has an activity of about 100 shooting stars per hour, in the best conditions of visibility and when the maximum occurs. They can be seen from late July to mid August.

