

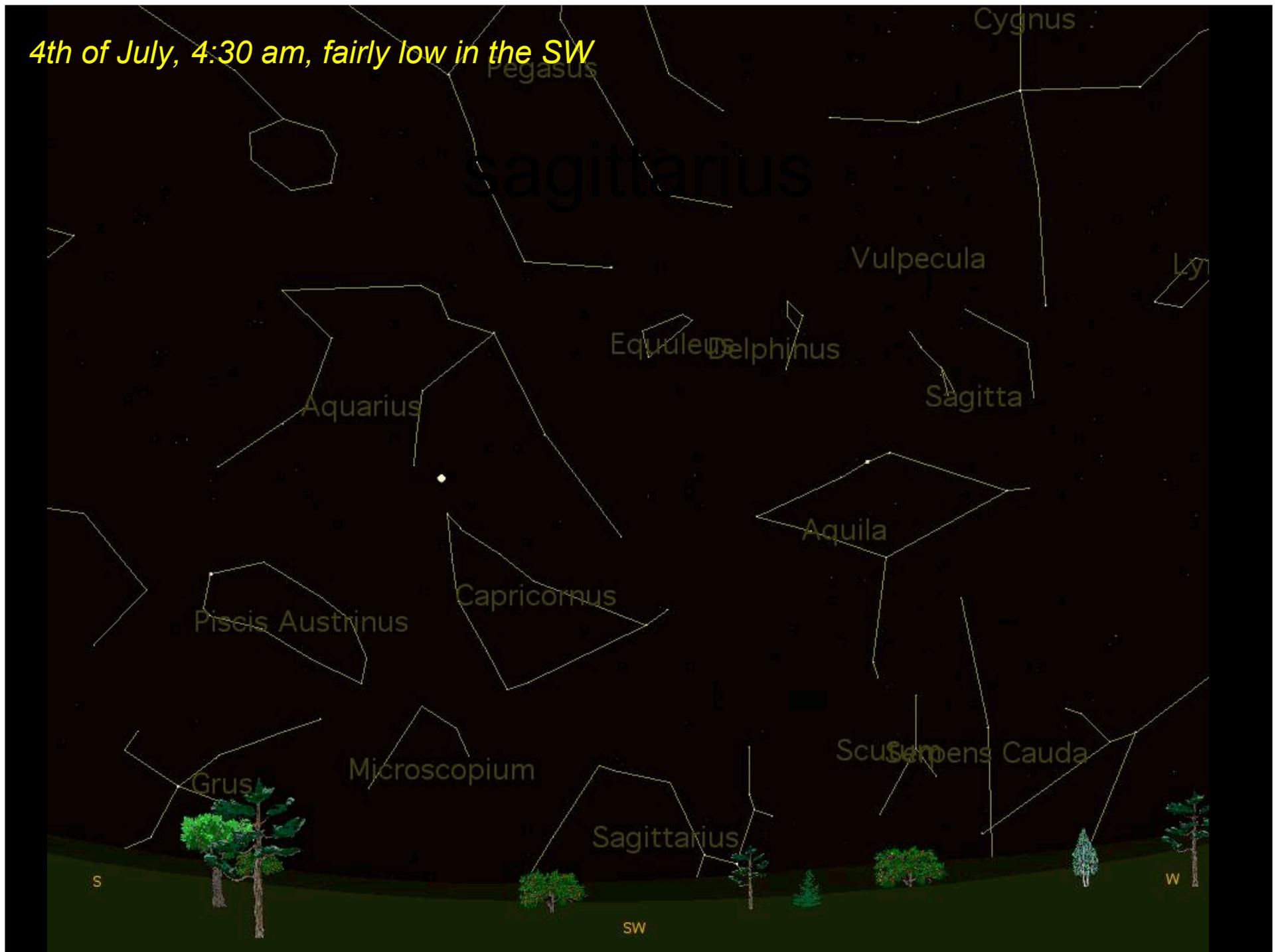
Astronomy 102 Lab
Exercise #6: The Astrowheel
Spring Semester

These images are what you would see in the sky at a specific time, date and direction. The field of view is about 80° by 80° , which is the extent of the visual field for a typical human being.

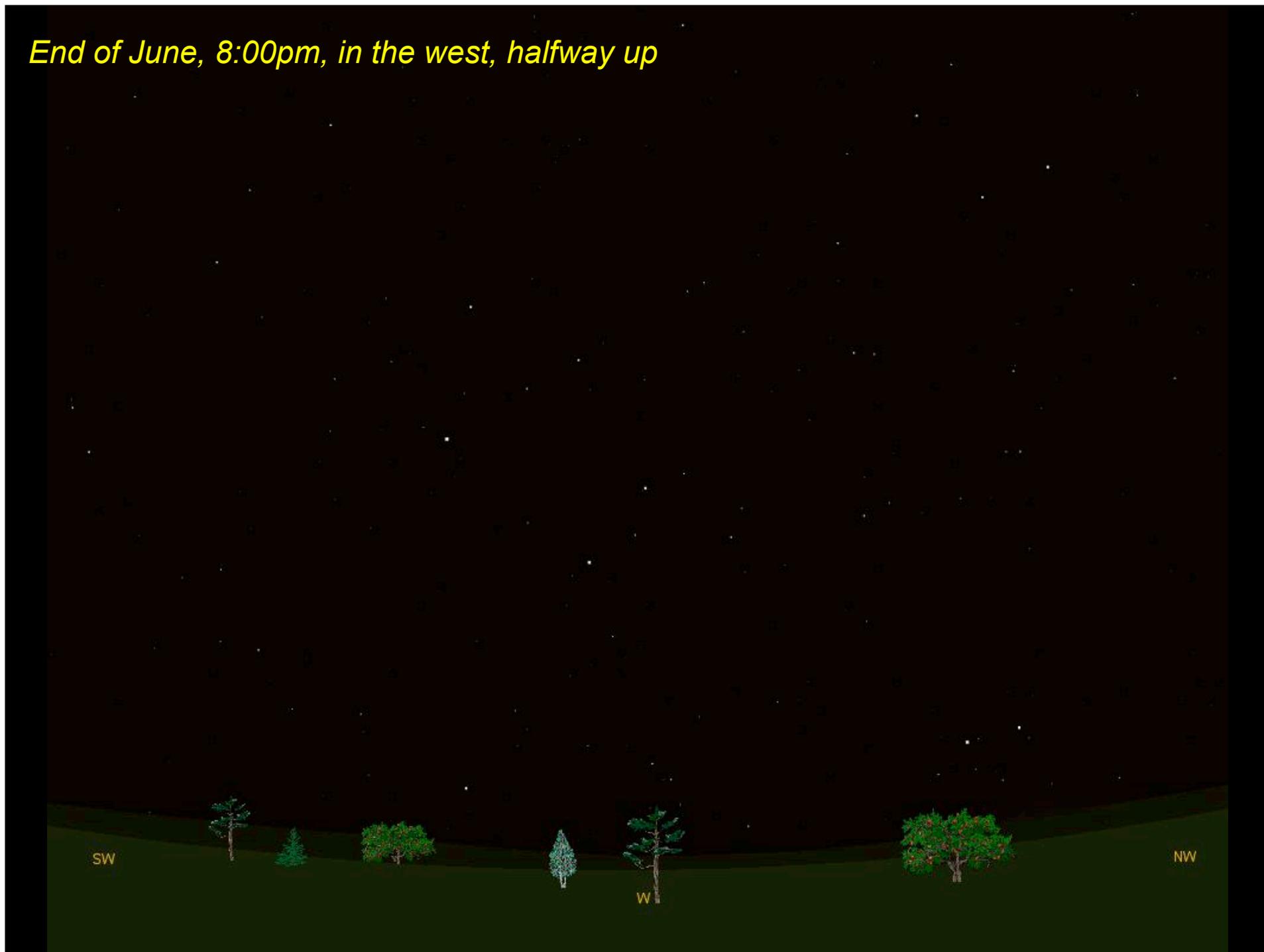
4th of July, 4:30 am, fairly low in the SW



4th of July, 4:30 am, fairly low in the SW



End of June, 8:00pm, in the west, halfway up



End of June, 8:00pm, in the west, halfway up

Canes Venatici

Coma Berenices

Virgo

Ursa Major

Leo Minor

Leo

Lynx

Orion

Crater

Sextans

Cancer

Hydra

SW

NW

W

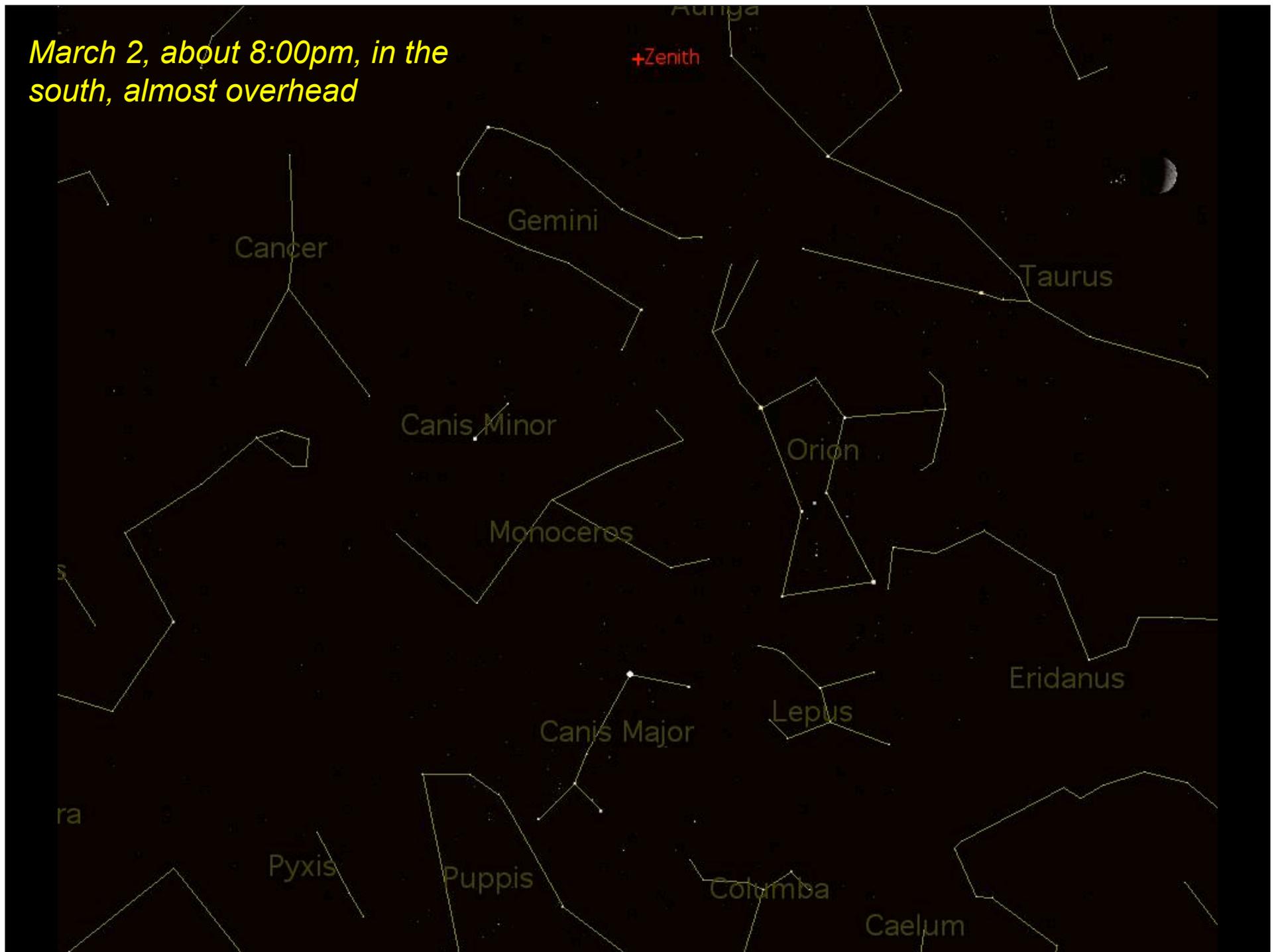


*March 2, about 8:00pm, in the
south, almost overhead*

+Zenith



March 2, about 8:00pm, in the south, almost overhead



March 2, about 11:30pm, very low in the west



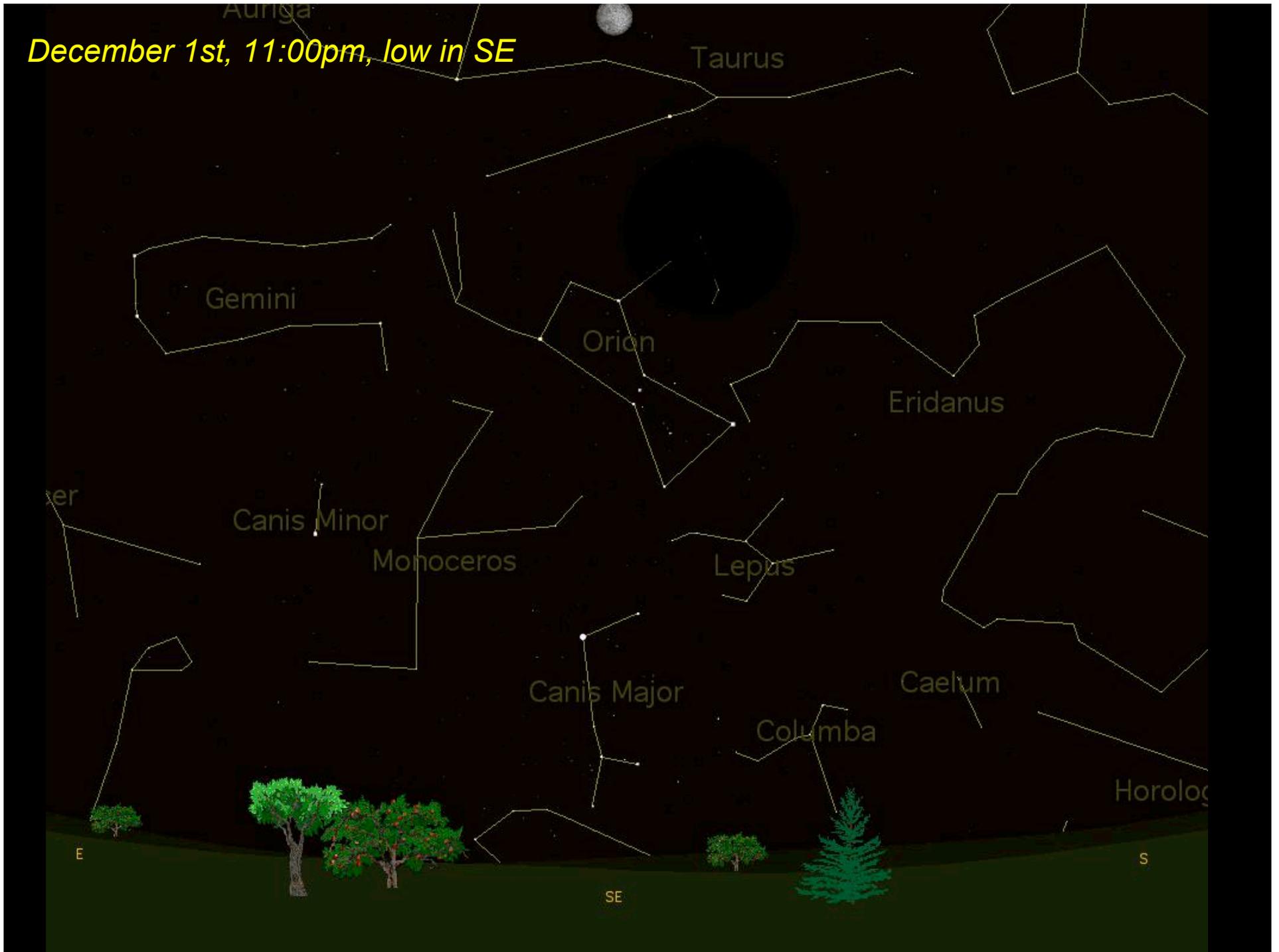
March 2, about 11:30pm, very low in the west



December 1st, 11:00pm, low in SE



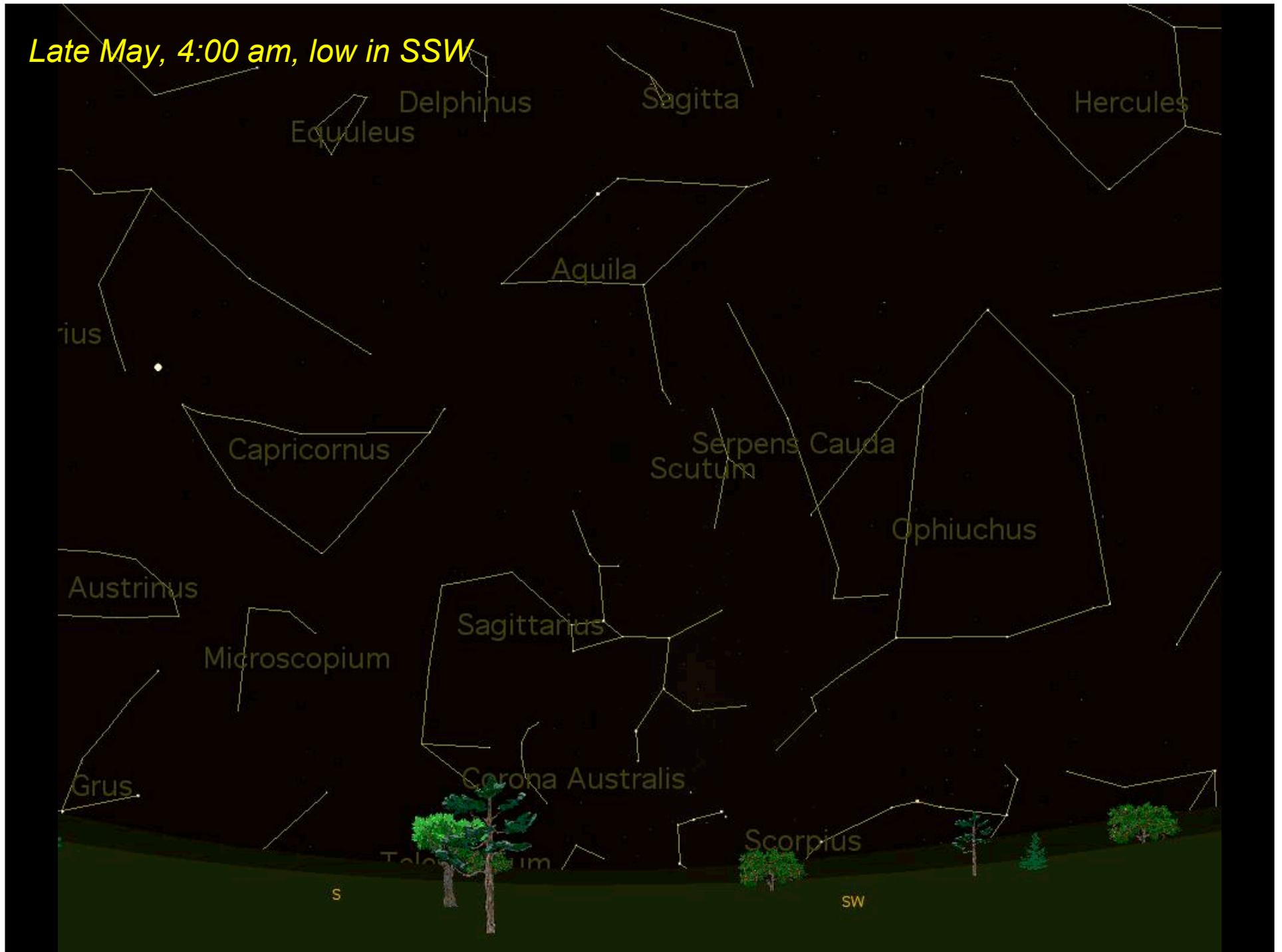
December 1st, 11:00pm, low in SE



Late May, 4:00 am, low in SSW



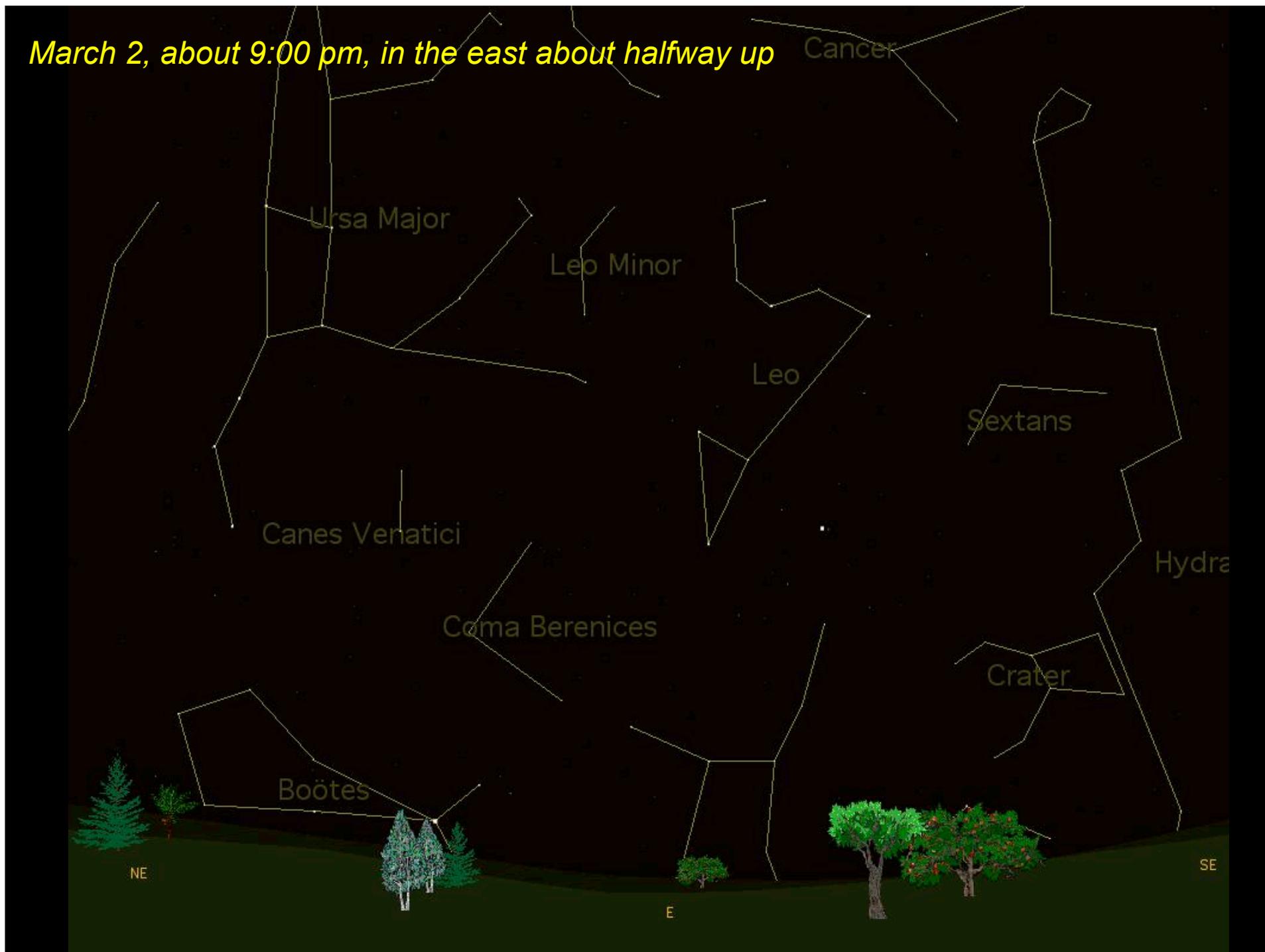
Late May, 4:00 am, low in SSW



March 2, about 9:00 pm, in the east about halfway up



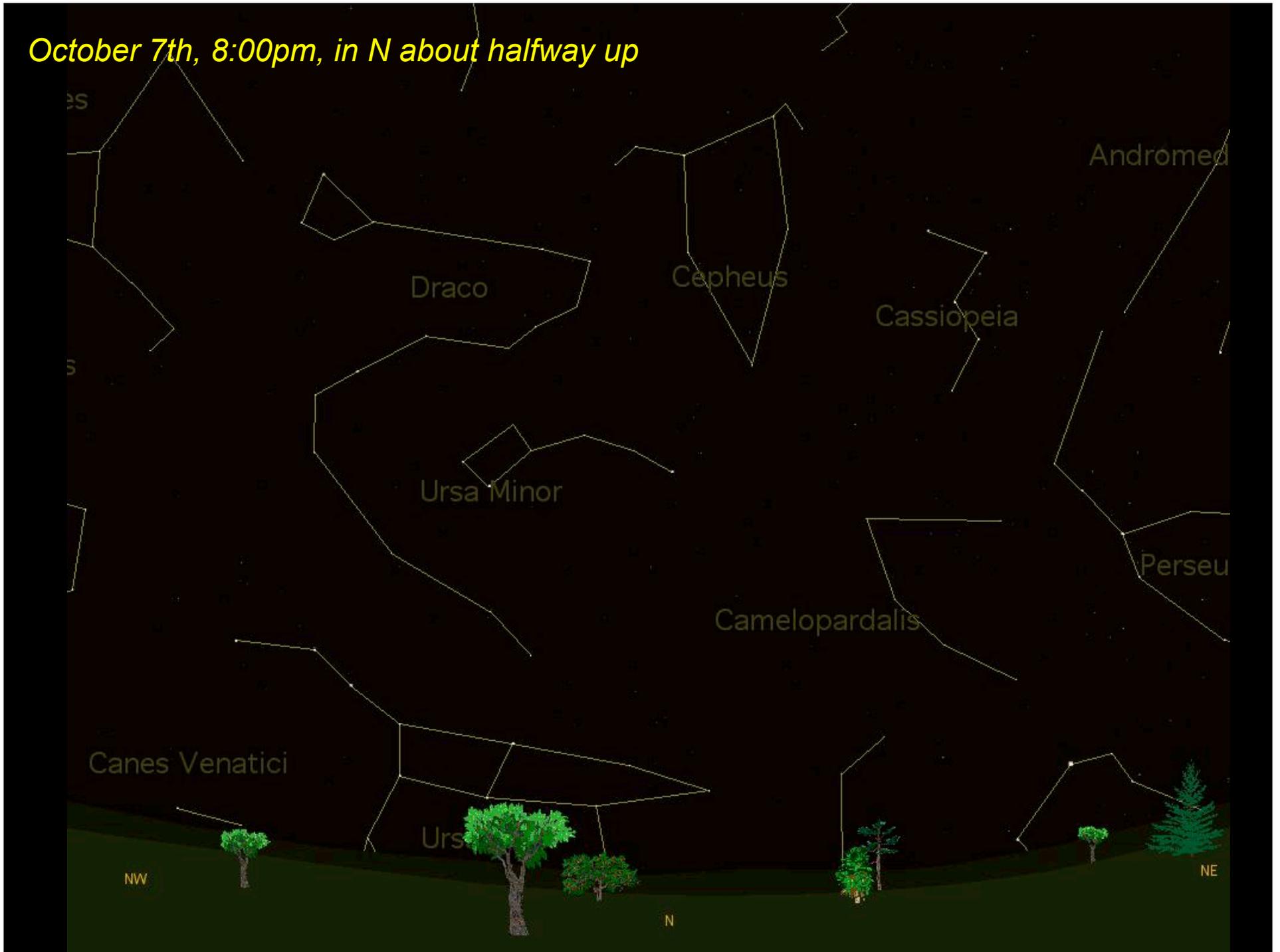
March 2, about 9:00 pm, in the east about halfway up



October 7th, 8:00pm, in N about halfway up



October 7th, 8:00pm, in N about halfway up



In early March, around 8:00 pm, which constellation can be used to find Polaris?

→ Polaris

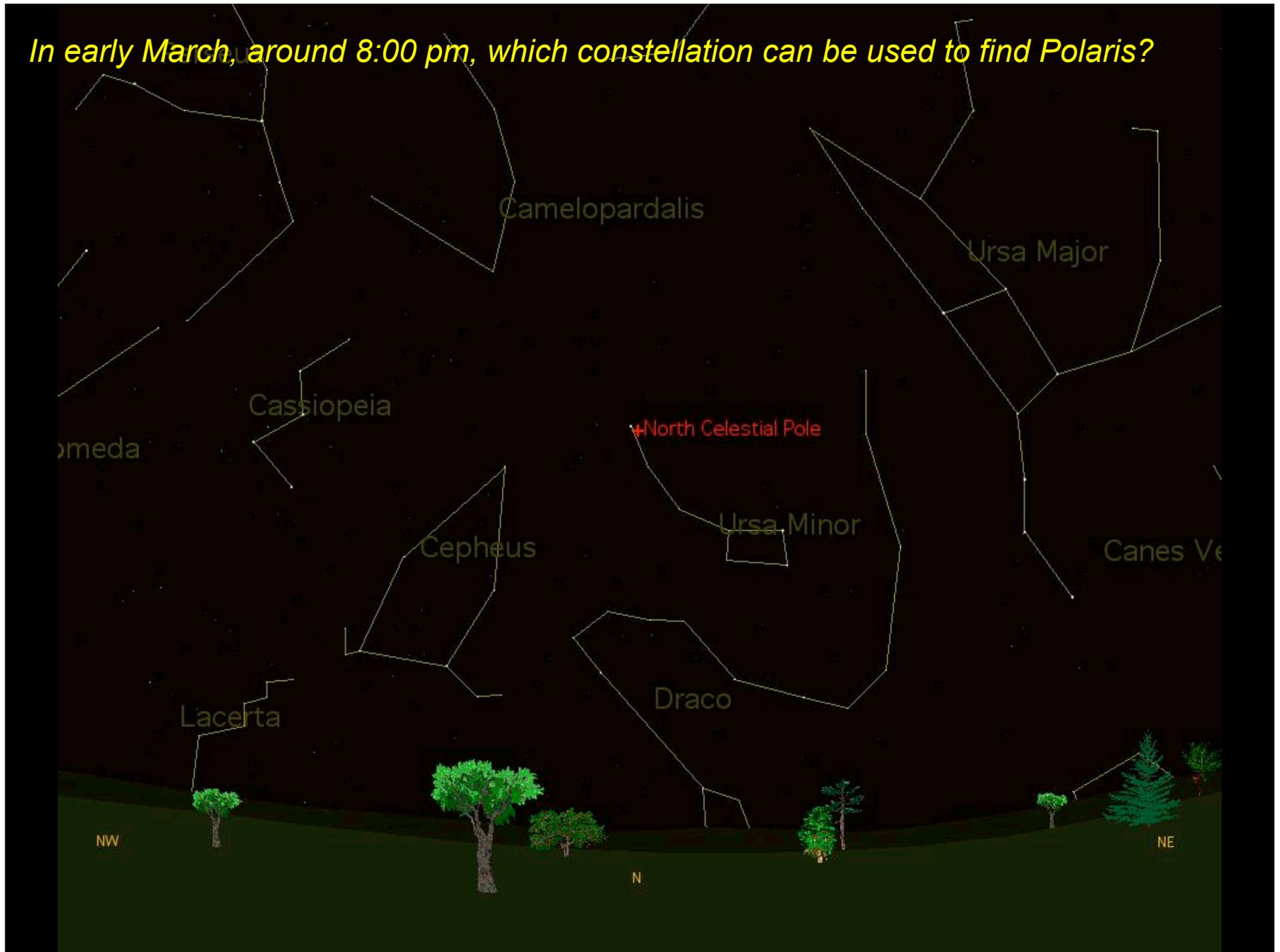
NW

N

NE



In early March, around 8:00 pm, which constellation can be used to find Polaris?

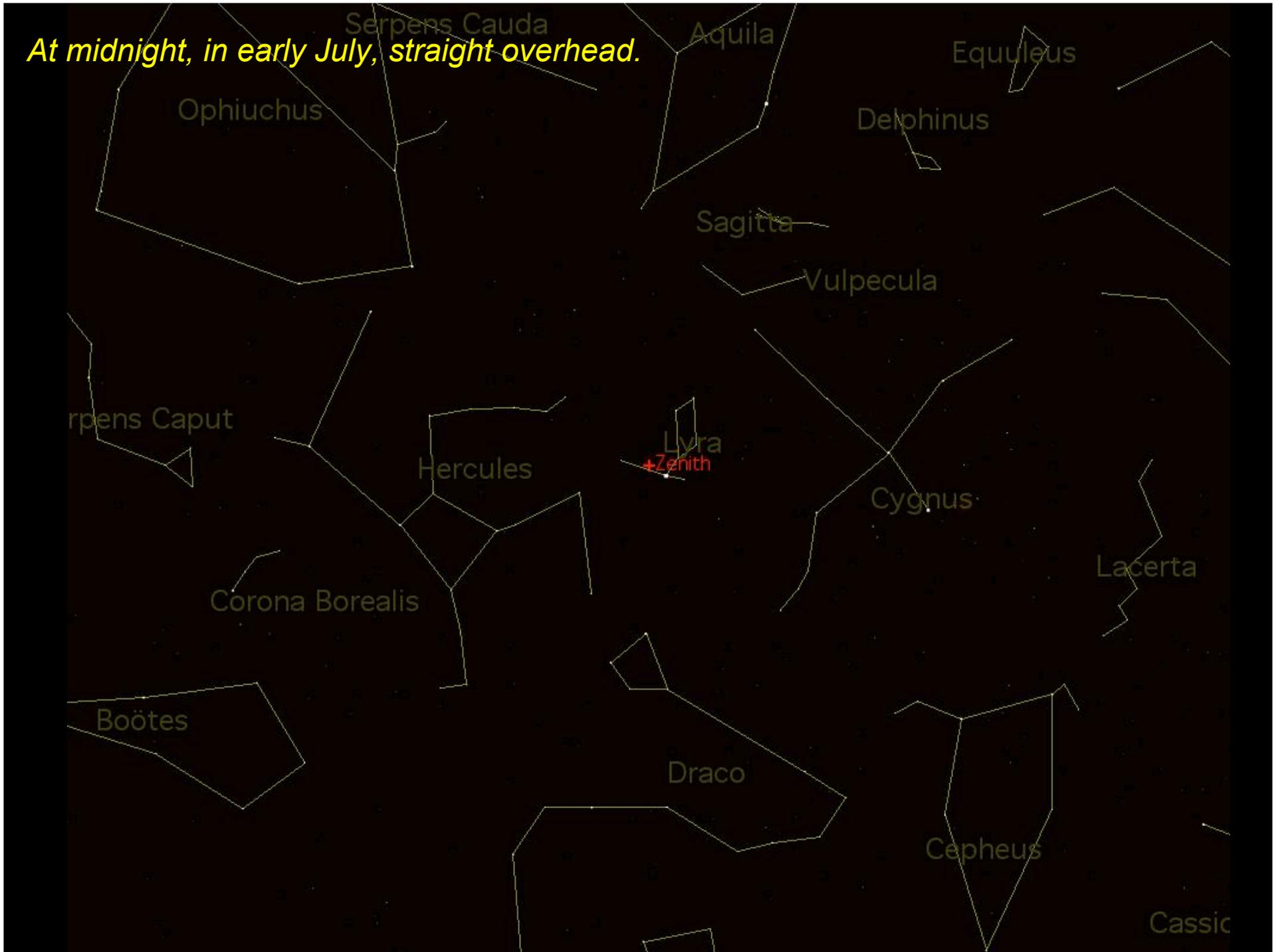


At midnight, in early July, straight overhead.

+Zenith

A dark, black night sky filled with numerous small, white stars of varying brightness. In the center of the frame, there is a red crosshair symbol. To the left of the crosshair, the word "+Zenith" is written in a red, sans-serif font. The overall scene is a clear view of the night sky, likely taken from a high altitude or in a very dark location.

At midnight, in early July, straight overhead.



Mid-August, 10:00 pm, low in SSW



Mid-August, 10:00 pm, low in SSW

