

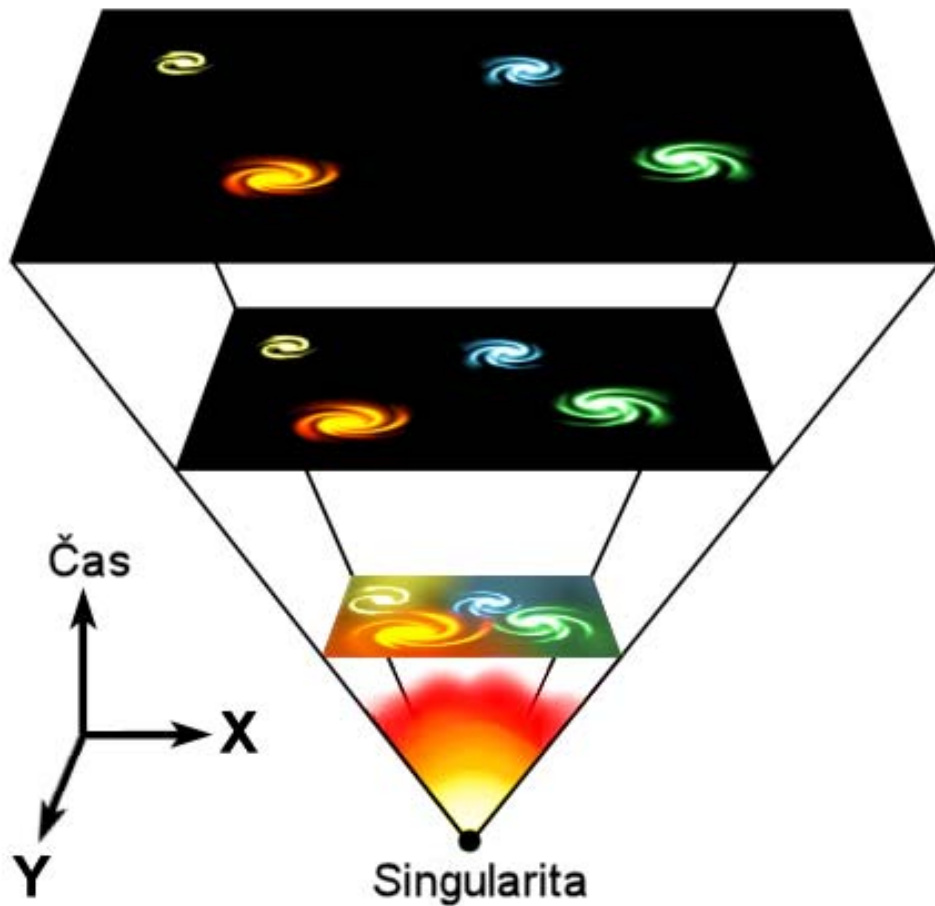
Rádcovský kurz 2008

# NOČNÍ OBLOHA

# Vesmír

- ⦿ Kosmický prostor mimo Zemi
- ⦿ Veškerý časoprostor kolem naší planety
- ⦿ Je starý  $13,7 \pm 0,2$  miliardy let

# Vznik vesmíru



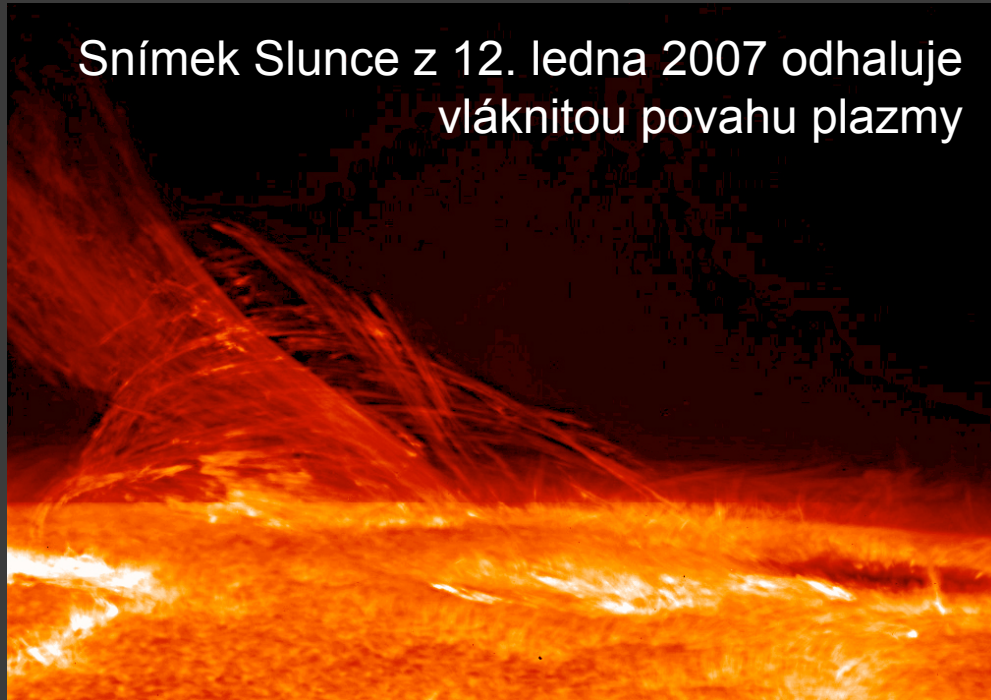
Velký třesk

- Nekonečně veliká singularita

# Hvězda

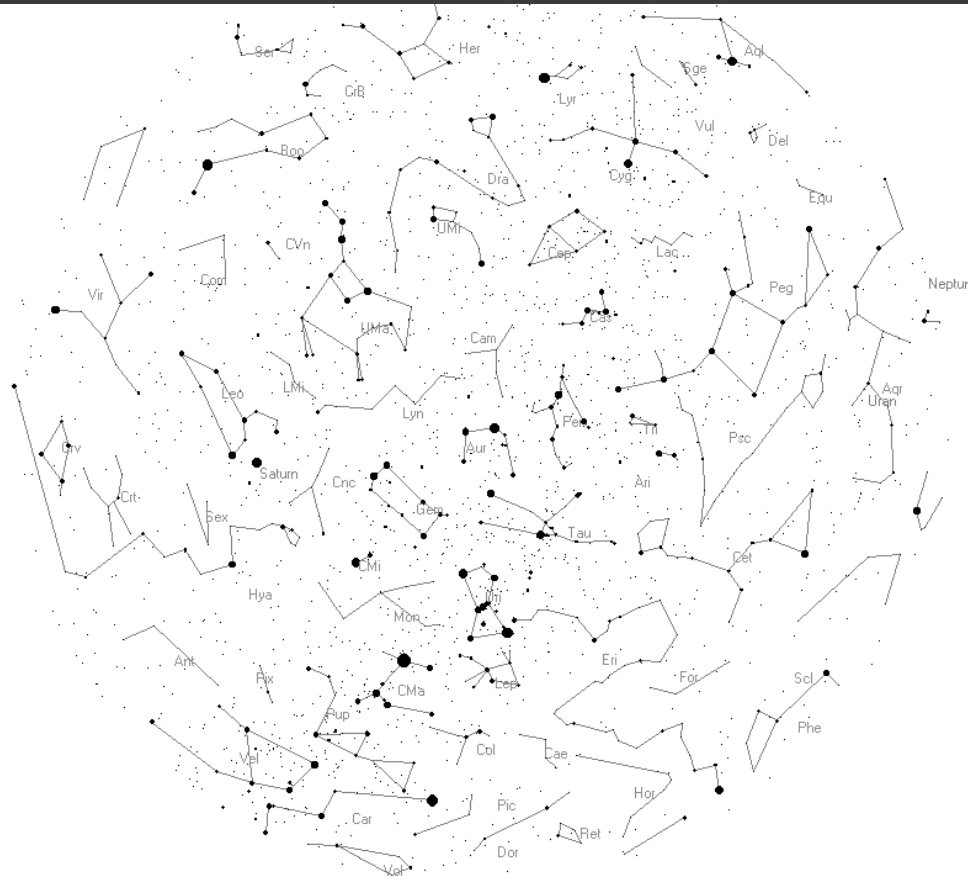
- kosmický objekt
- termionukleární reakce vlivem velké hmotnosti
- nejbližší hvězda je slunce

Snímek Slunce z 12. ledna 2007 odhaluje vláknitou povahu plazmy

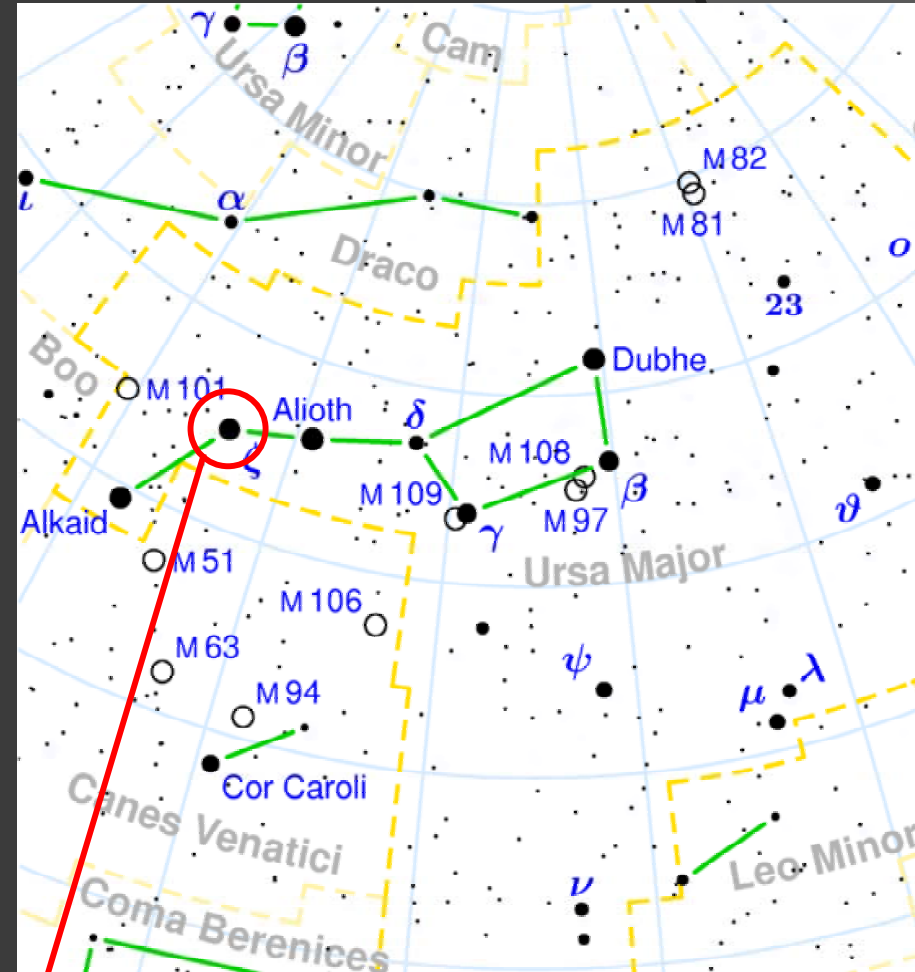
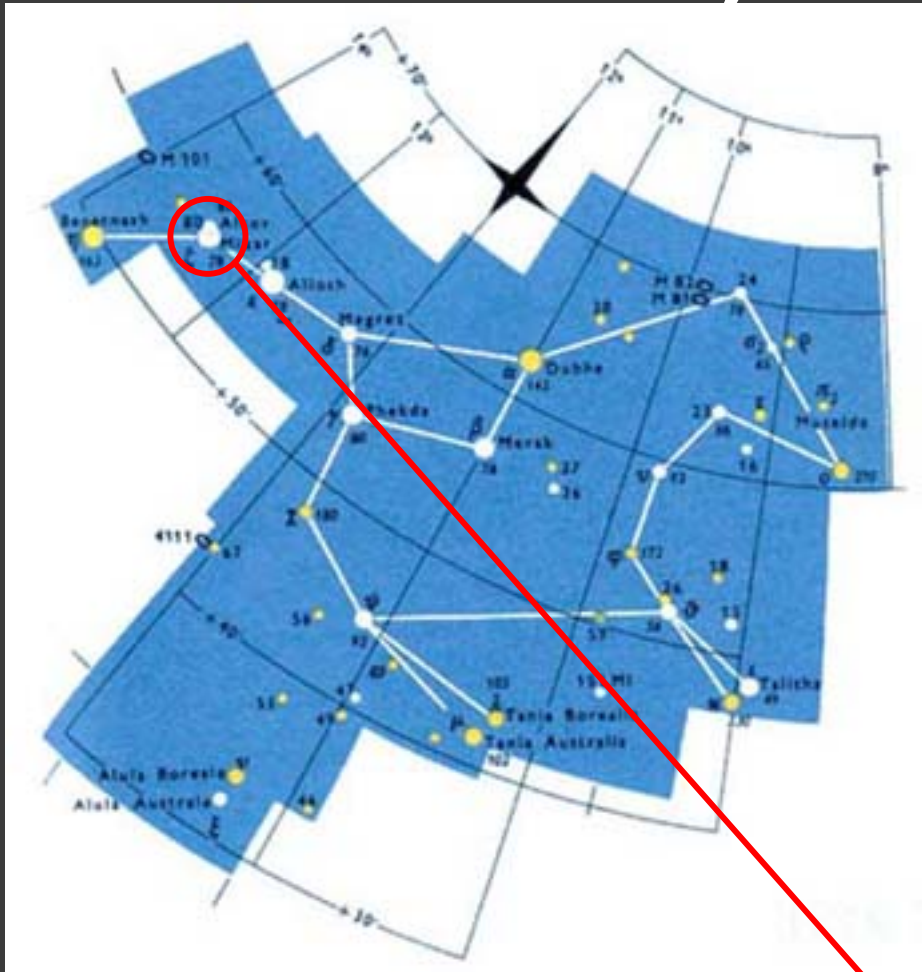


# Souhvězdí

- oblast na obloze s přesně vymezenými hranicemi



# Velký vůz (Velká medvědice)

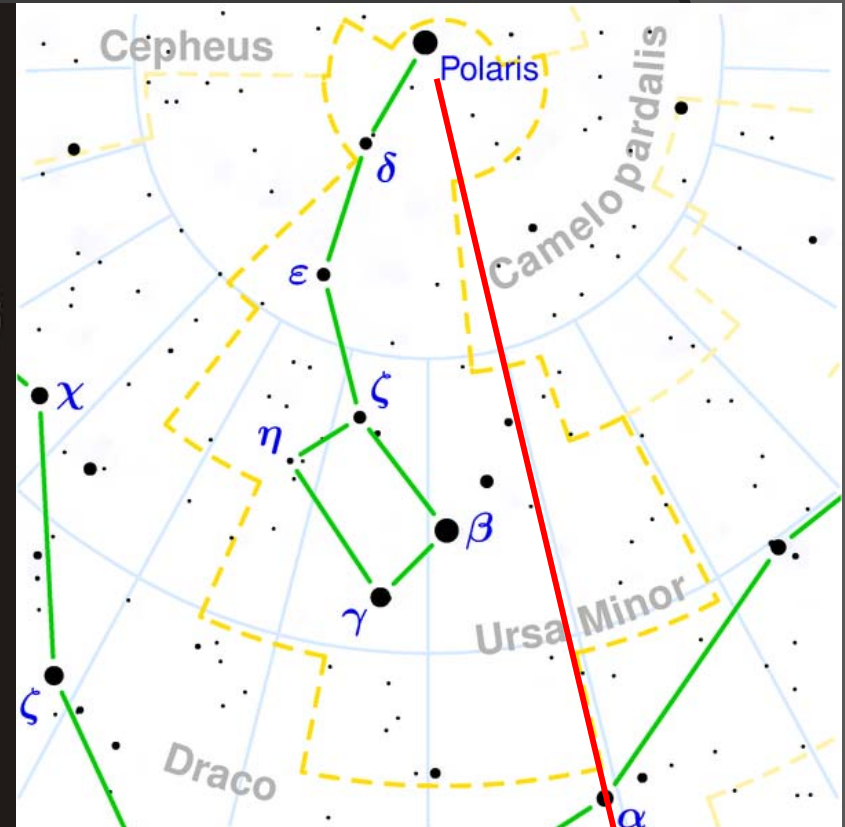


Mizar a Alcor

# Středověká kresba souhvězdí velké medvědice



# Malý vůz (Malý medvěd)



Místo, kde zemská osa protíná oblohu.

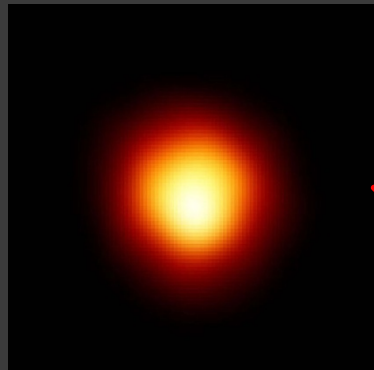


# Souhvězdí zimní oblohy

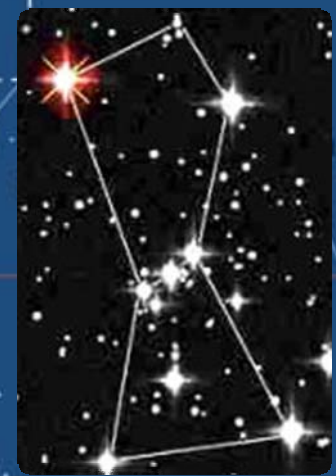
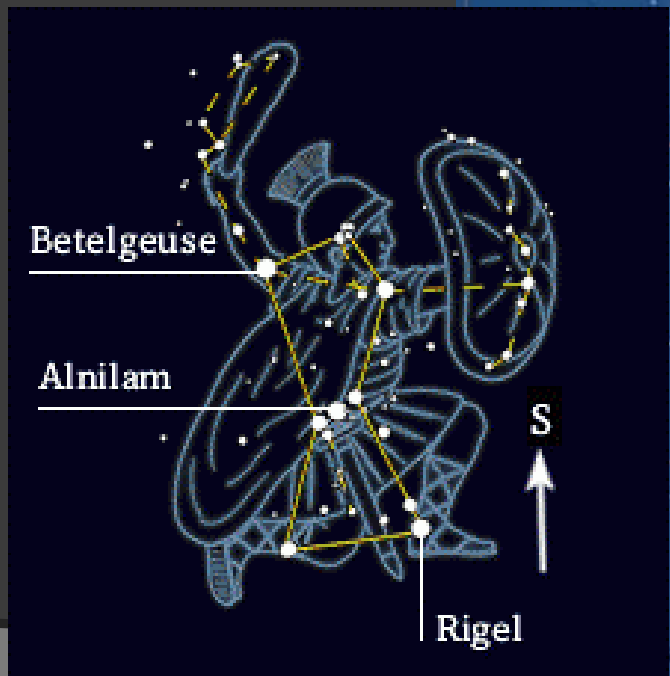
# Zimní šestiúhelník



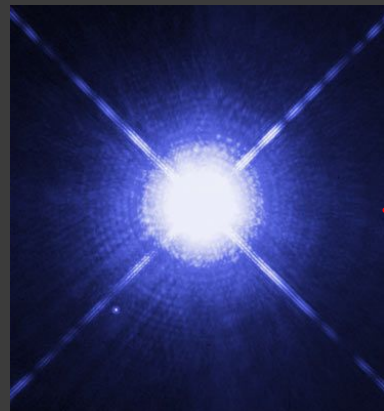
# Orion



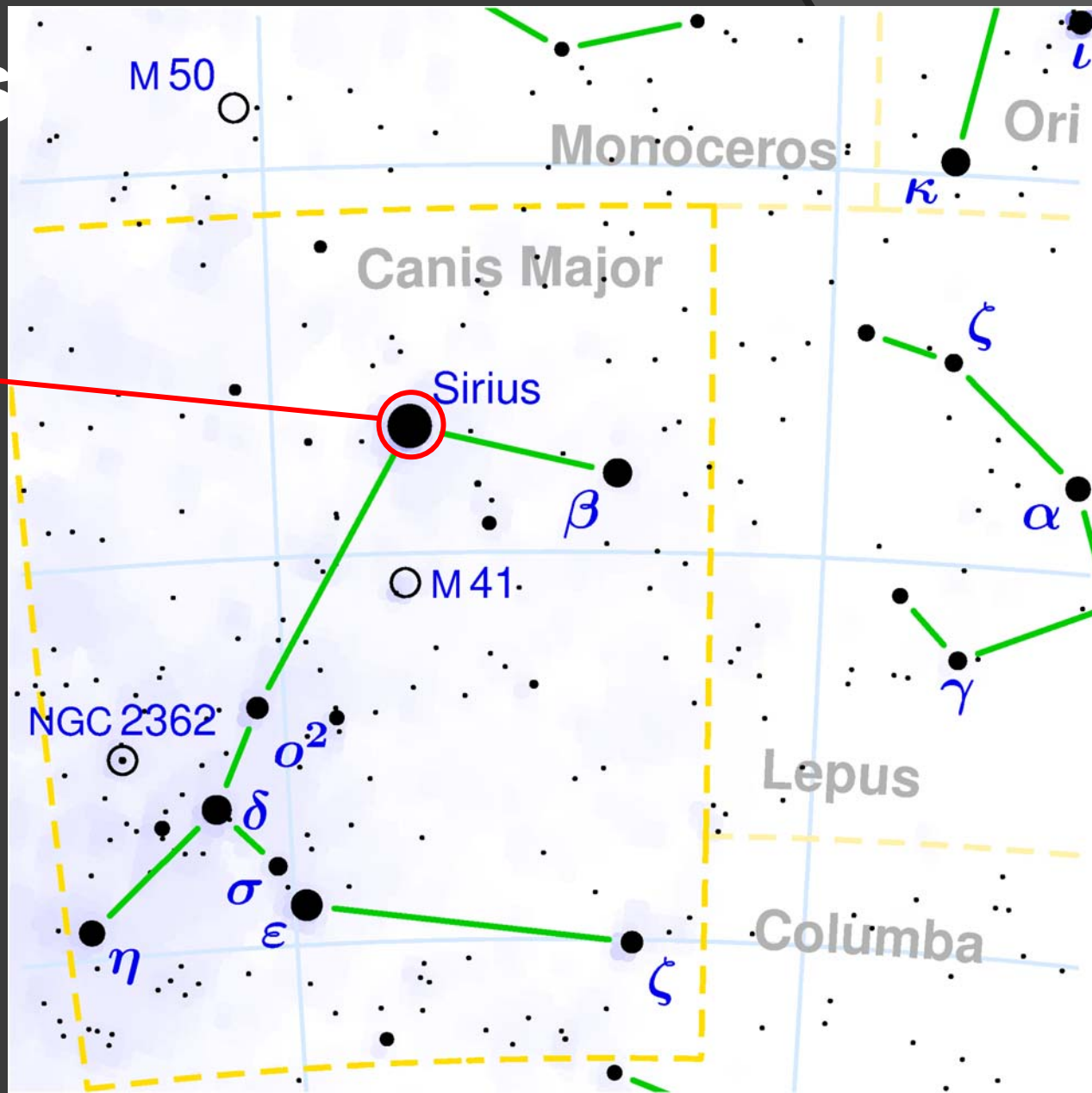
Betelgeuse



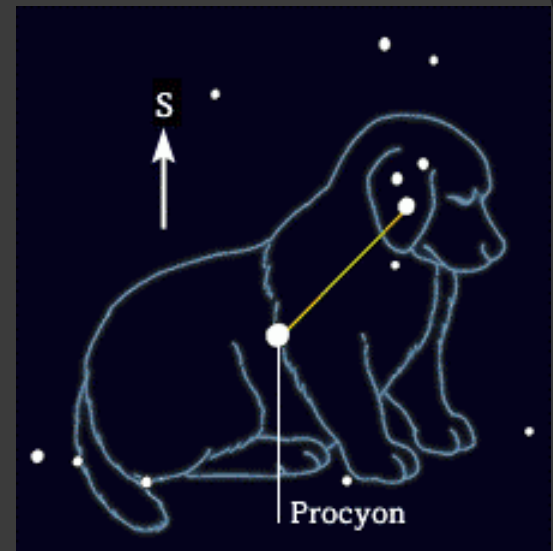
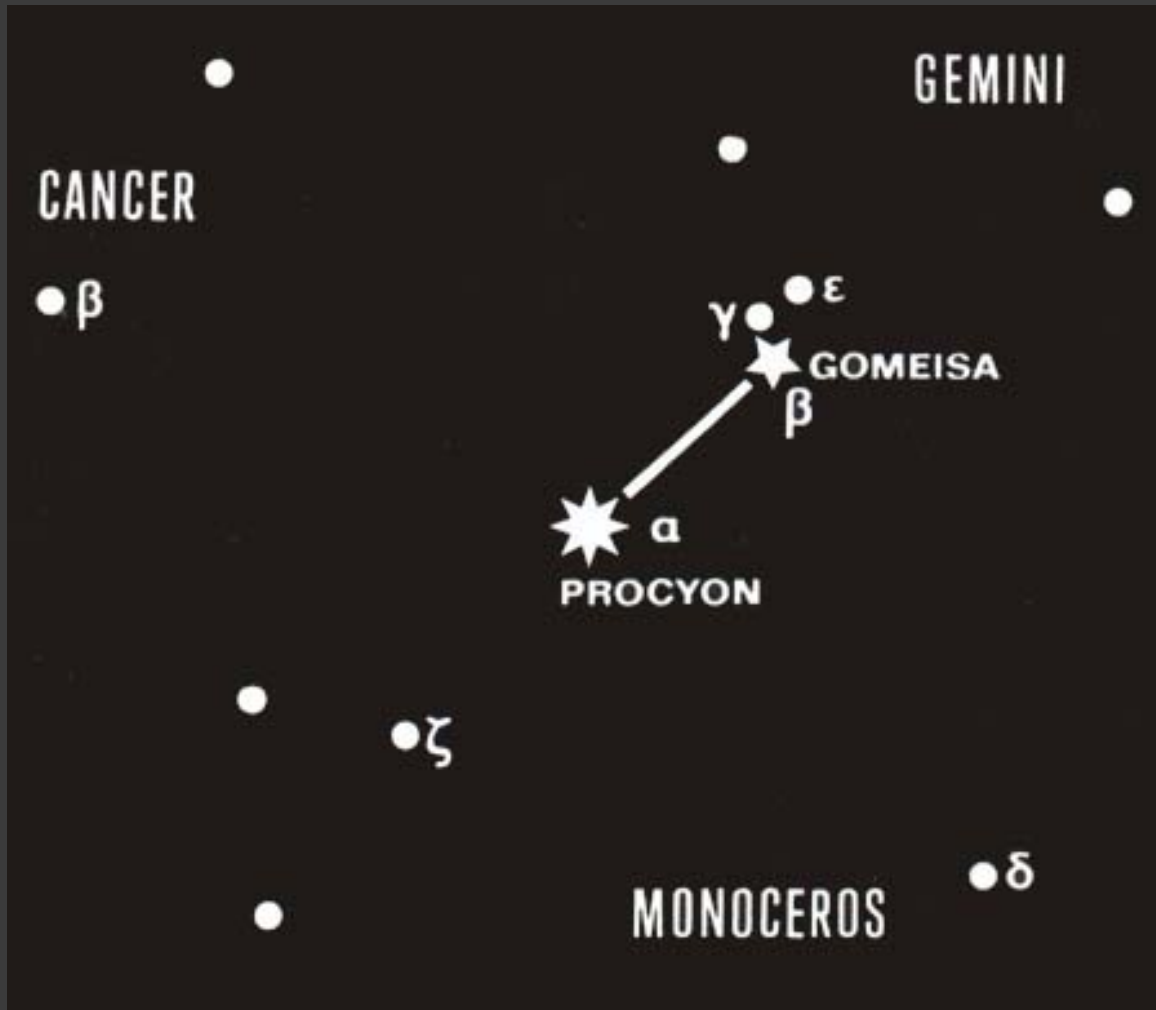
# Velký pes



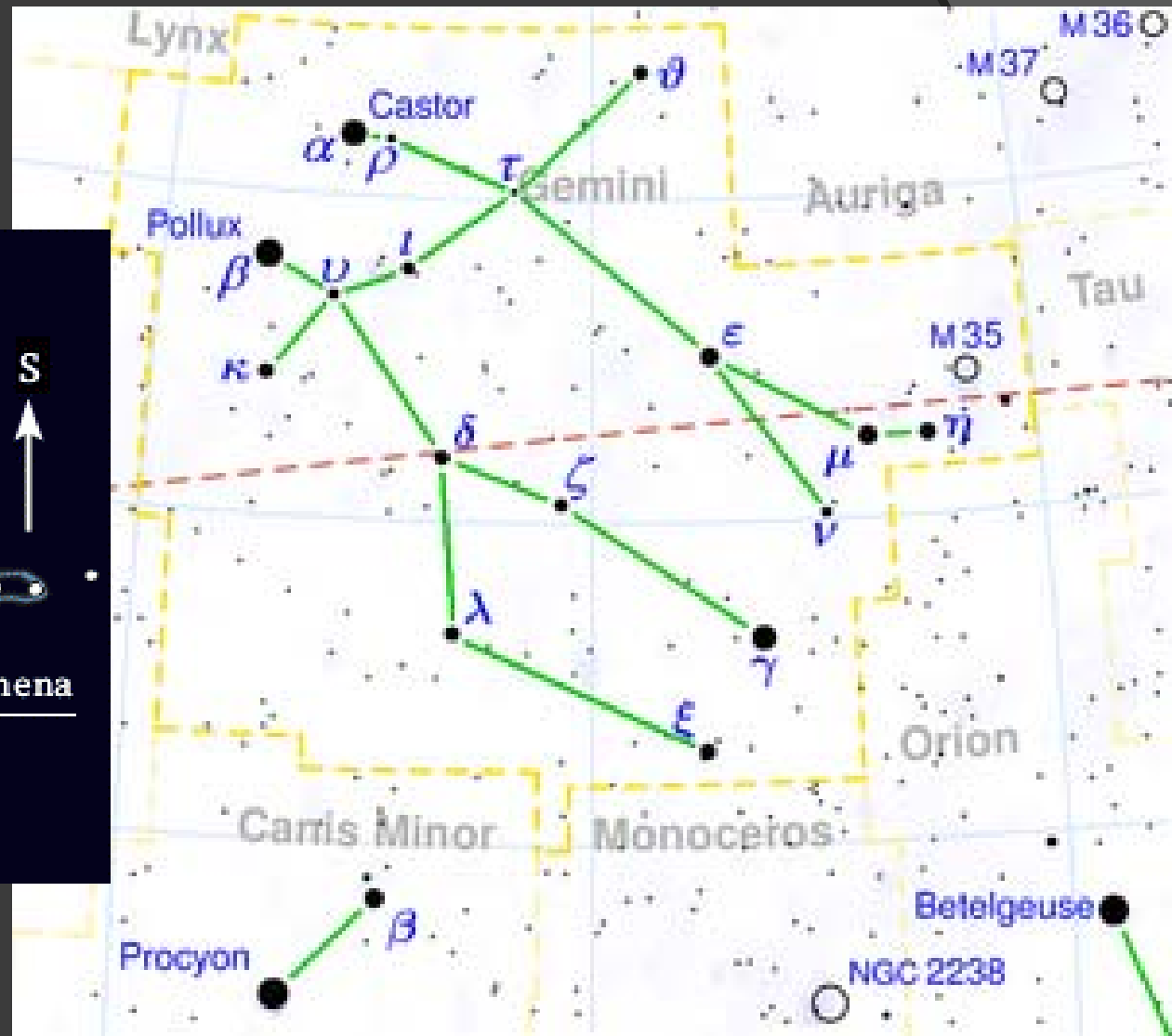
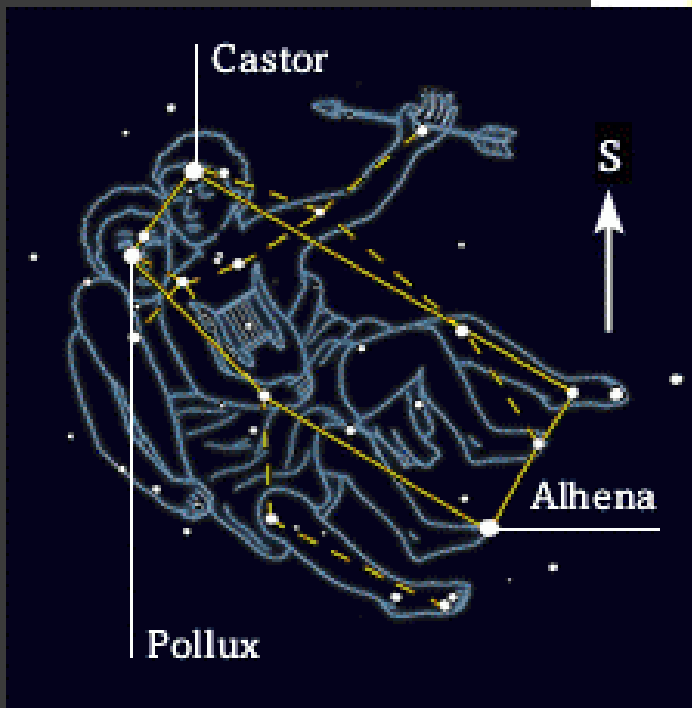
Sirius



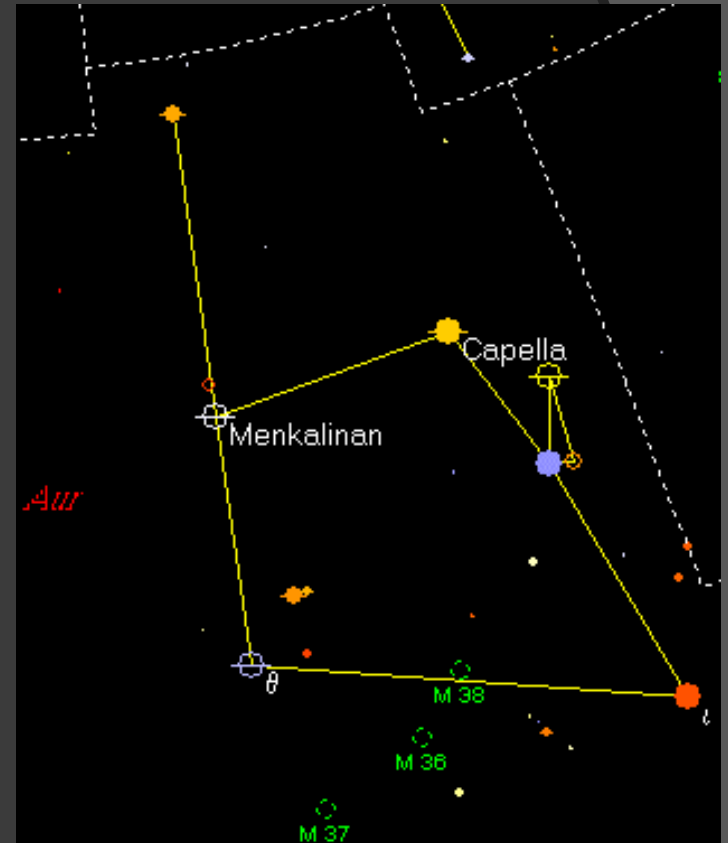
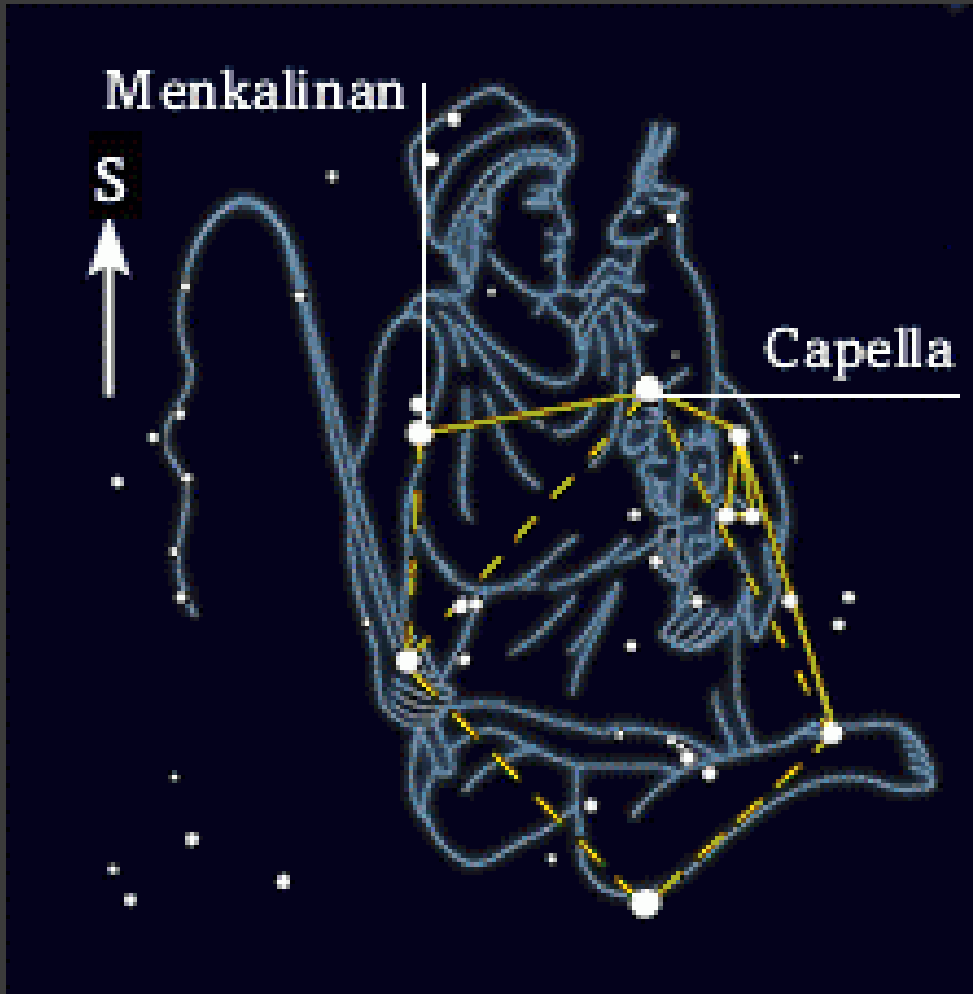
# Malý pes



# Blíženci



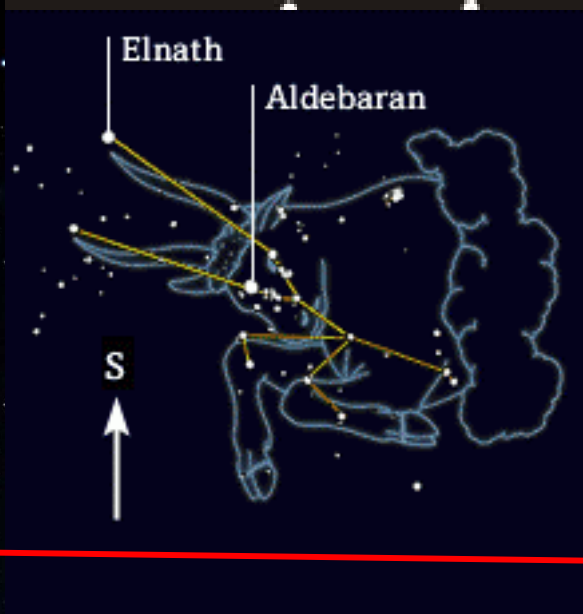
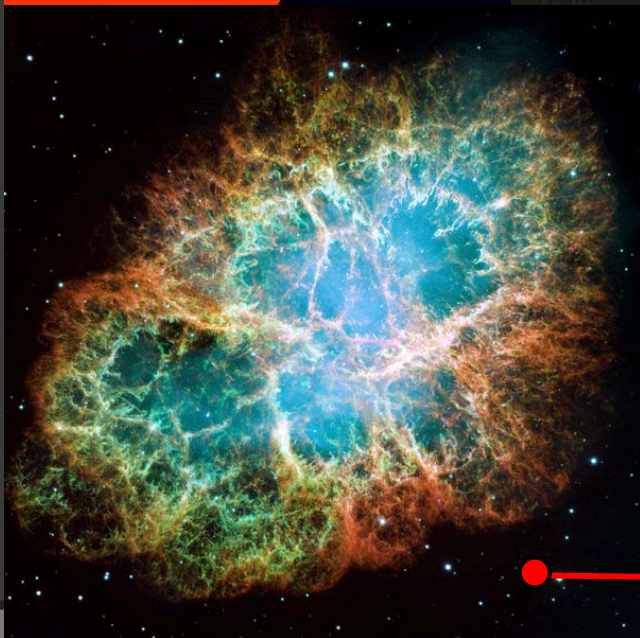
# Vozka



# Býk

Slunce

Aldebaran



Krabí mlhovina

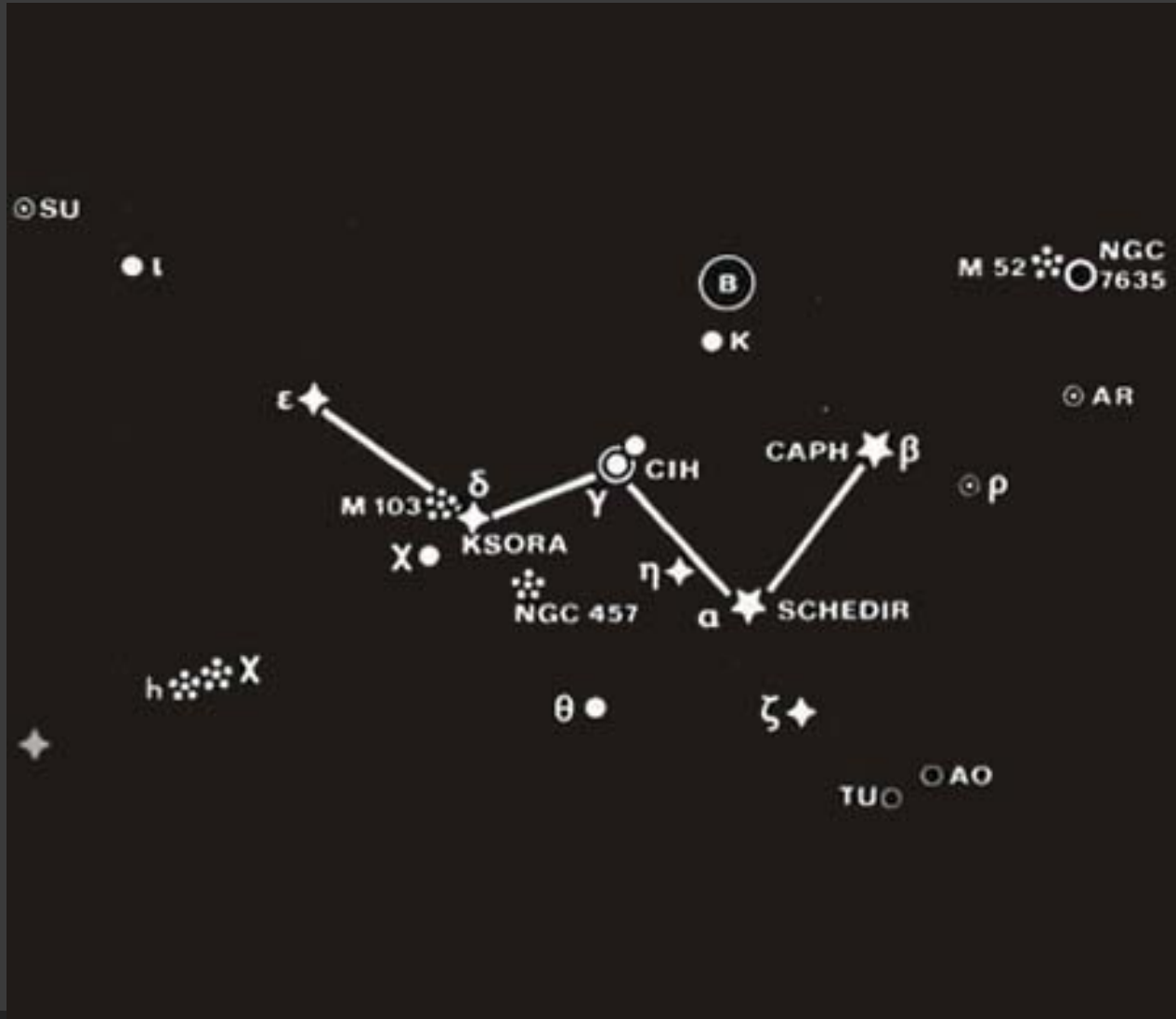


# Hvězdokupa M45



Kuřátka nebo Plejády v souhvězdí Býka

# Kassiopea

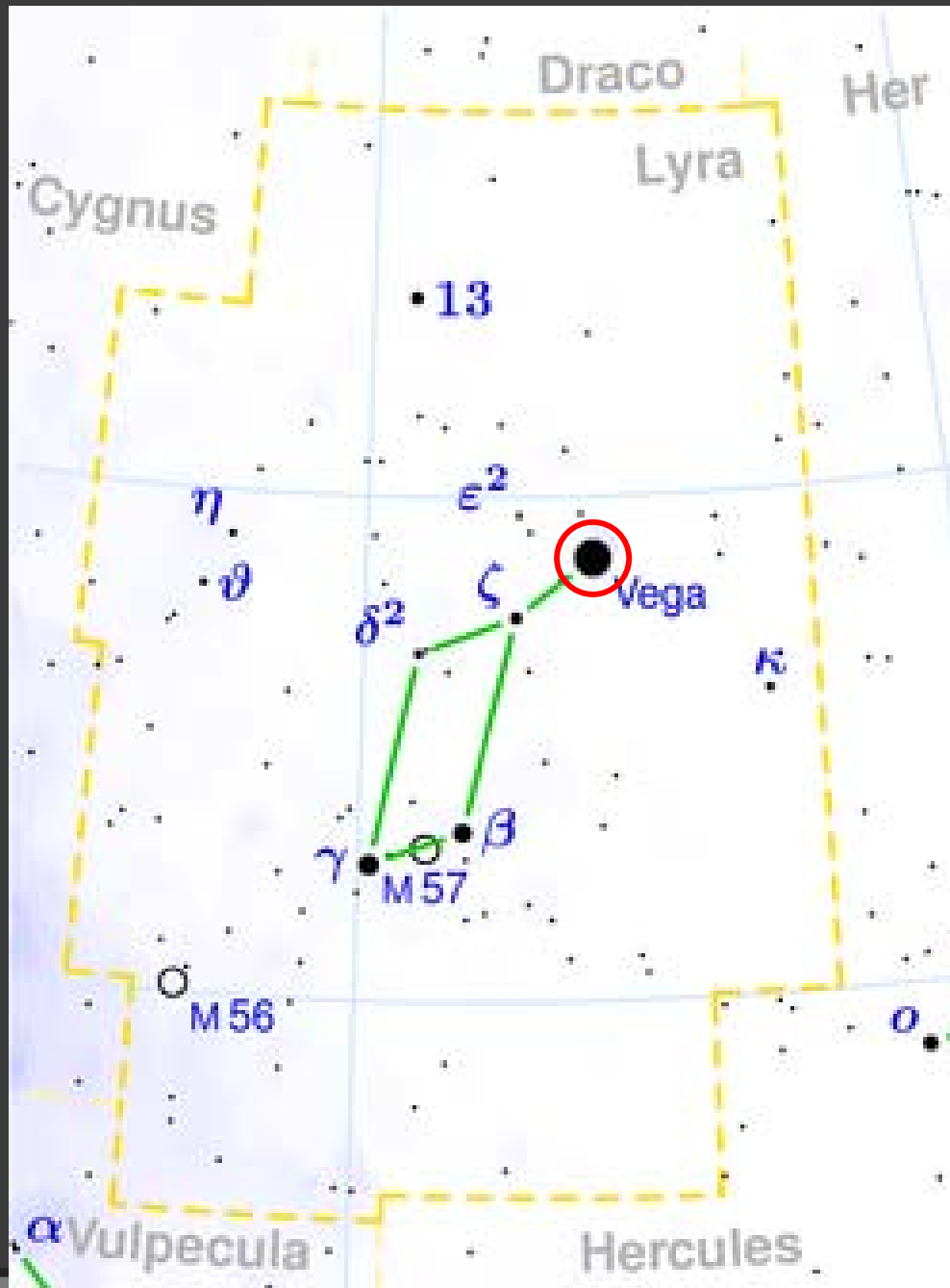


# Souhvězdí letní oblohy

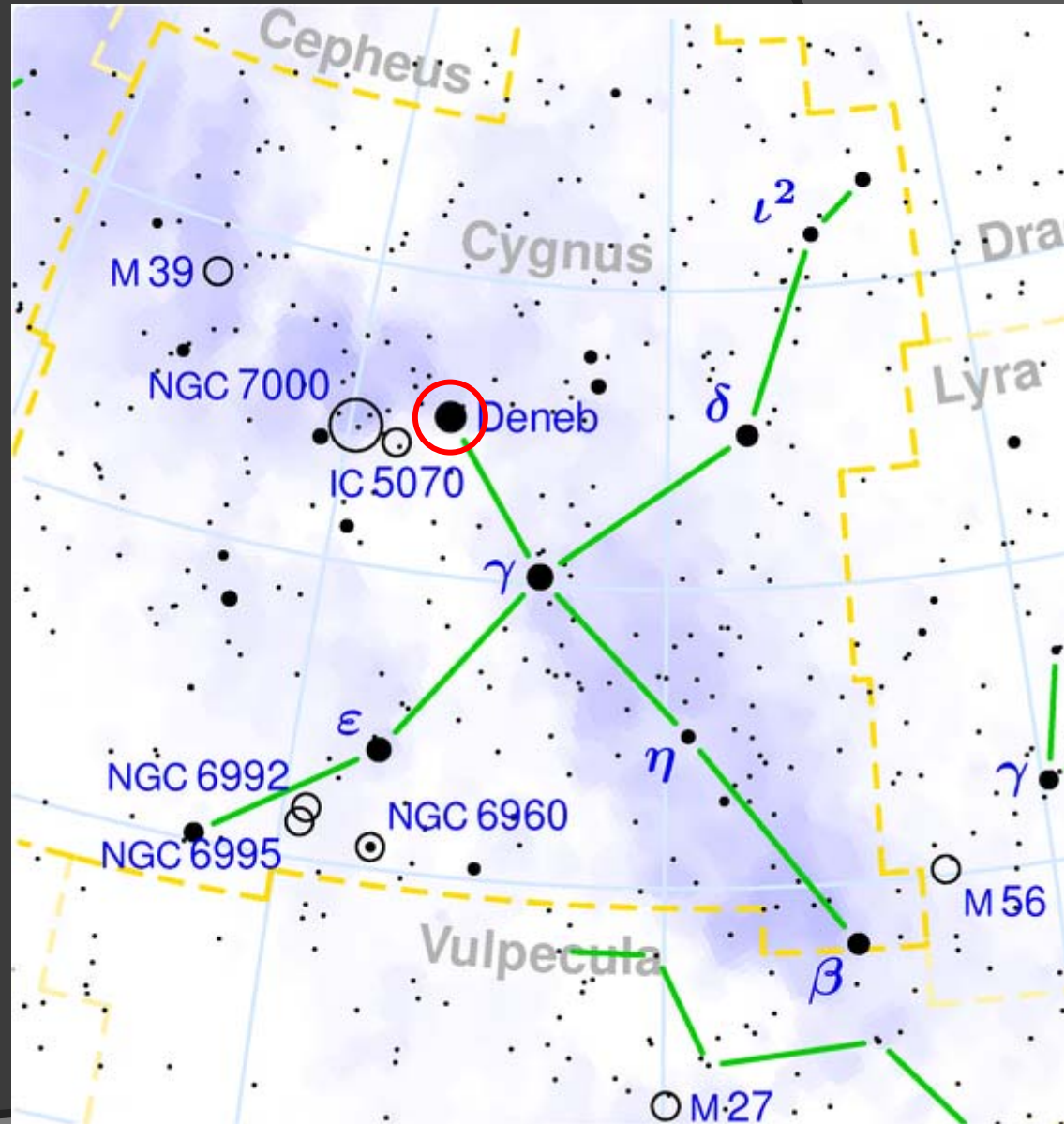
# Letní trojúhelník



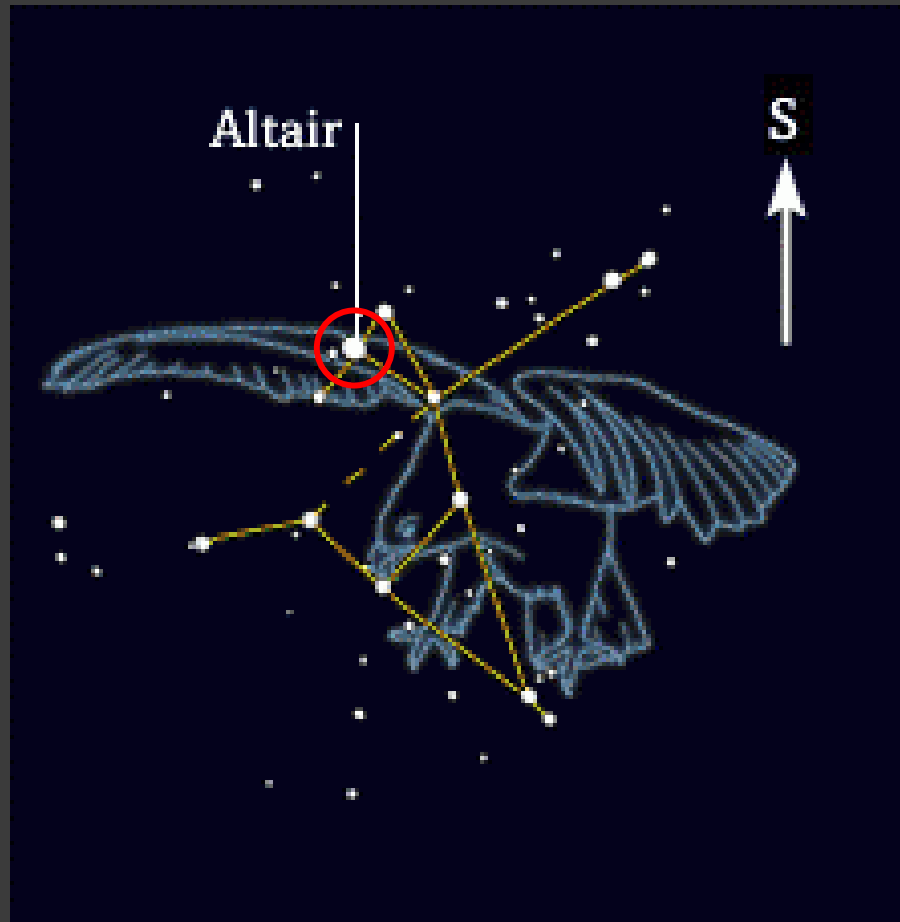
# Lyra



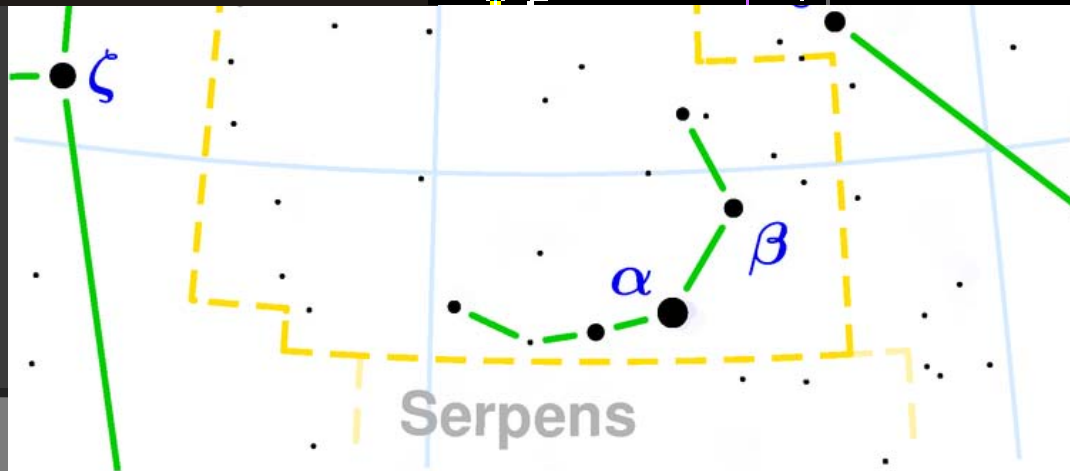
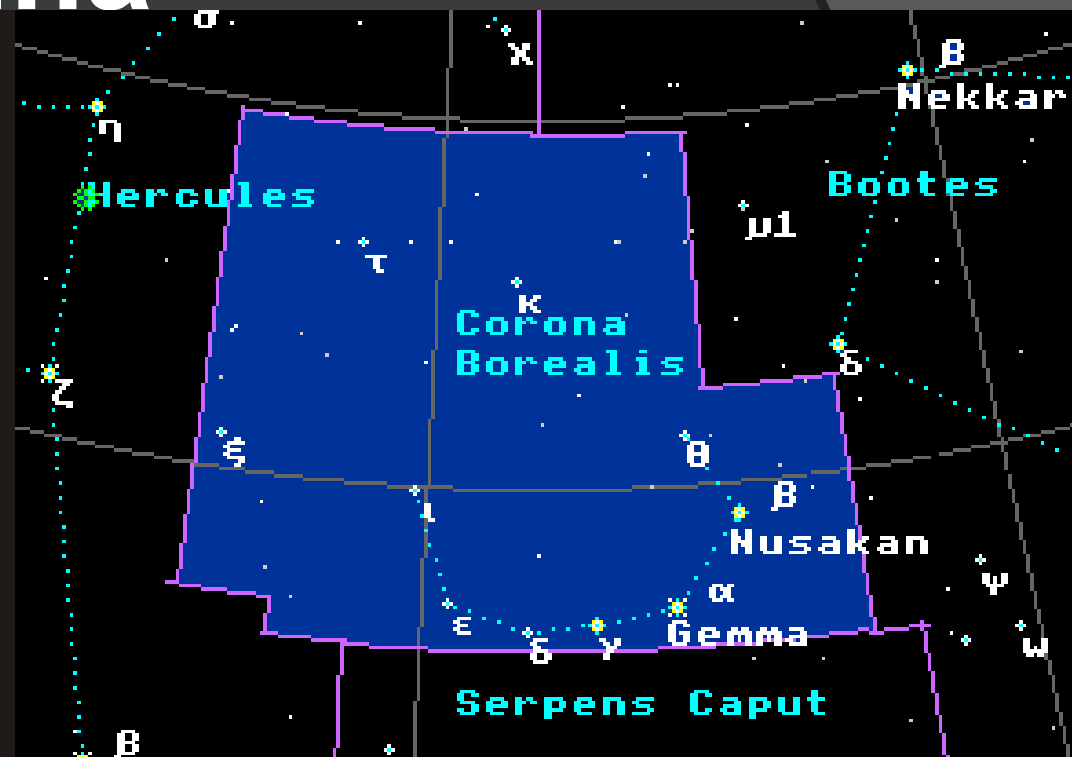
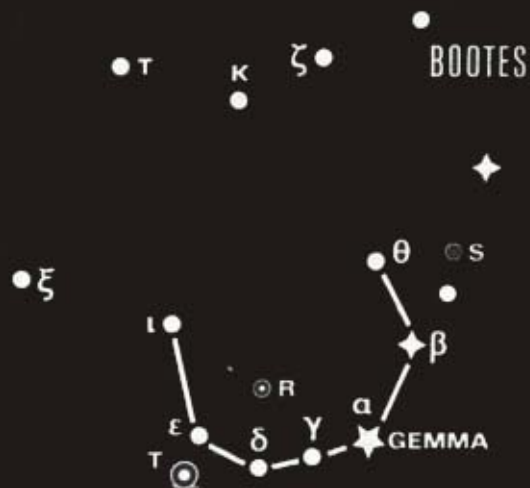
# Labut'



# Orel

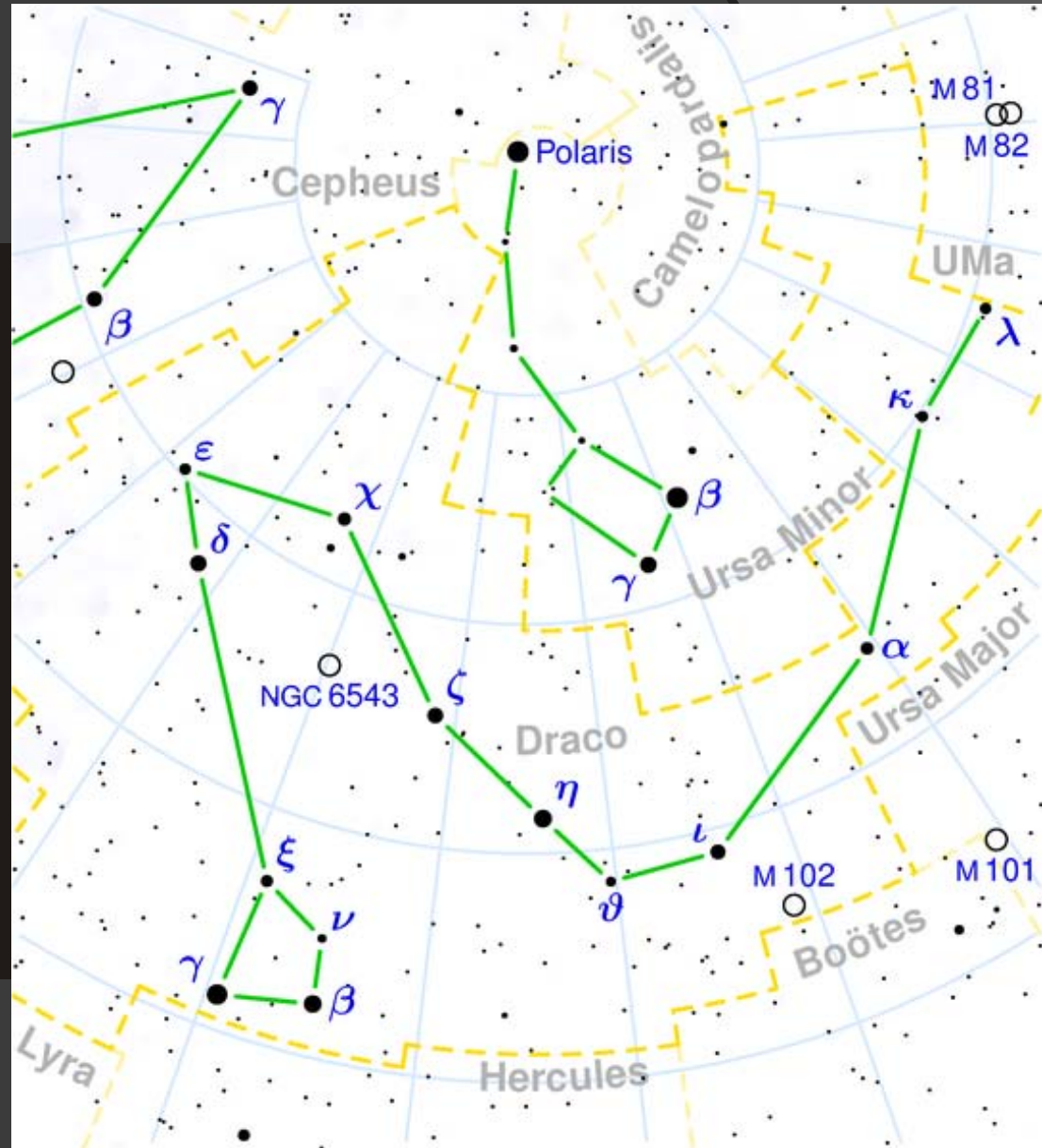


# Severní koruna





# Drak



# Hadonoš

