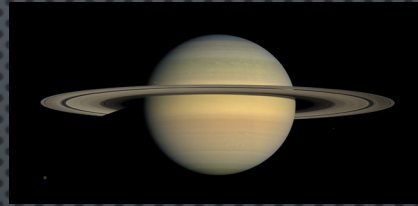


# GRAND MÉNAGE DE PRINTEMPS

LEÇON N°1

APPRENDRE À RANGER LES ÉTOILES.

# EN TANT QU'ASTRONOME AMATEUR, ON AIME...



ET POURTANT, DANS LE CIEL SE TROUVE DES  
OBJETS SOUVENT OUBLIÉS...

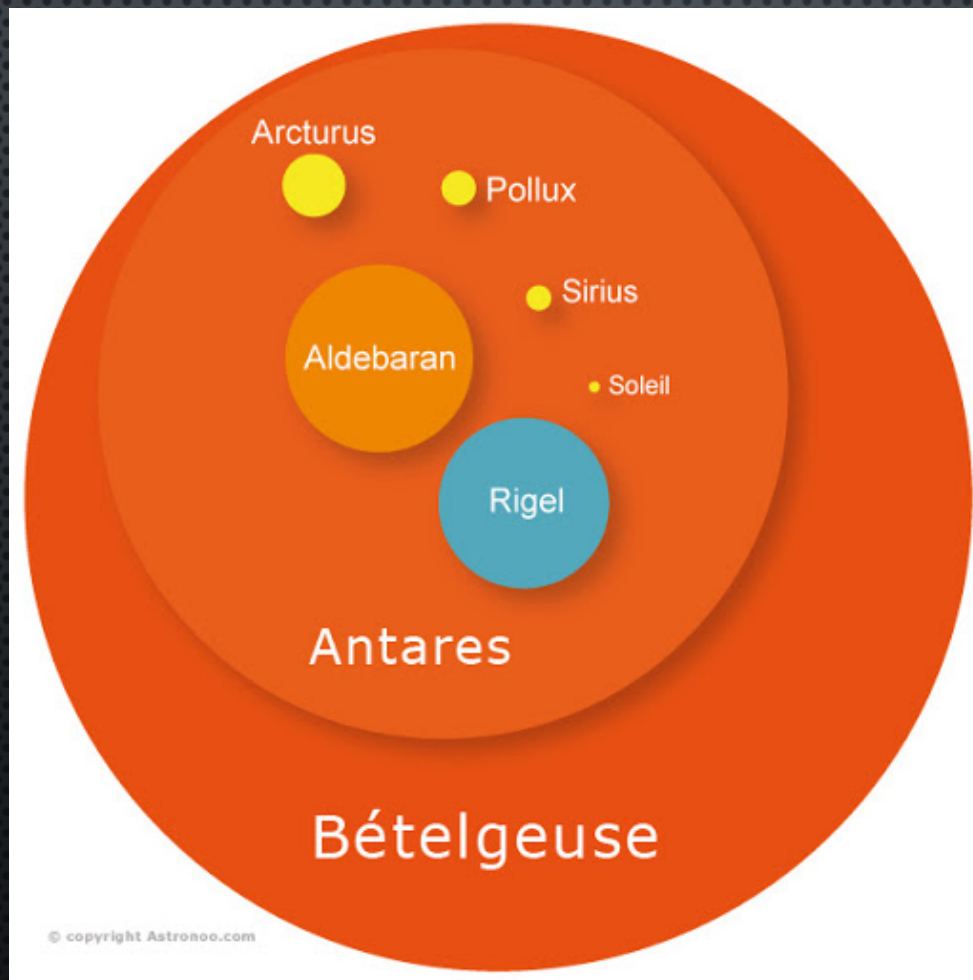


- LES ÉTOILES !!

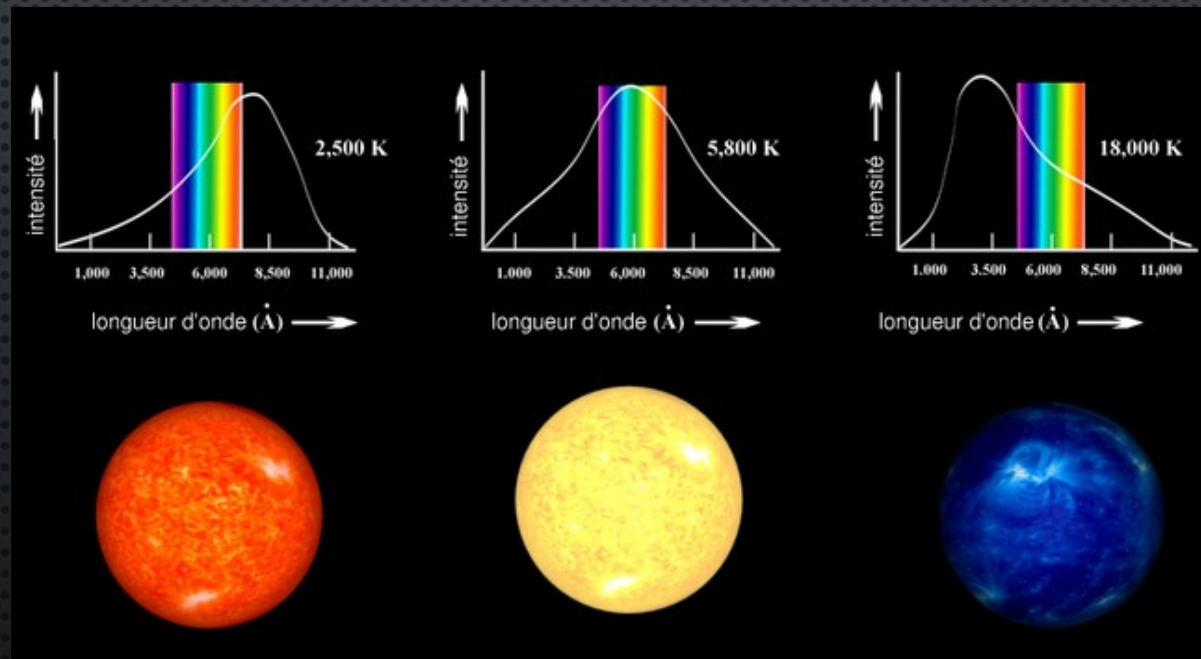
MAINTENANT, COMMENT ON LES RANGE ?



# LA TAILLE ?



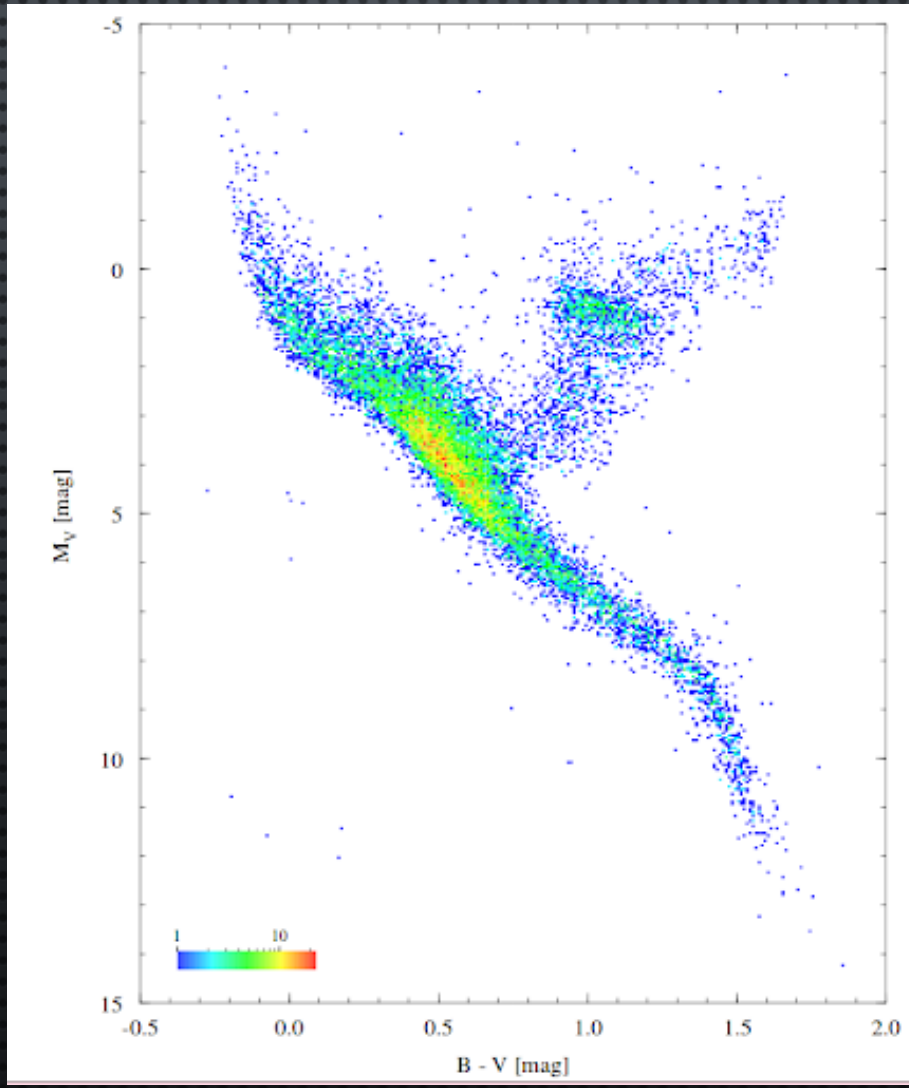
# LA TEMPÉRATURE ?



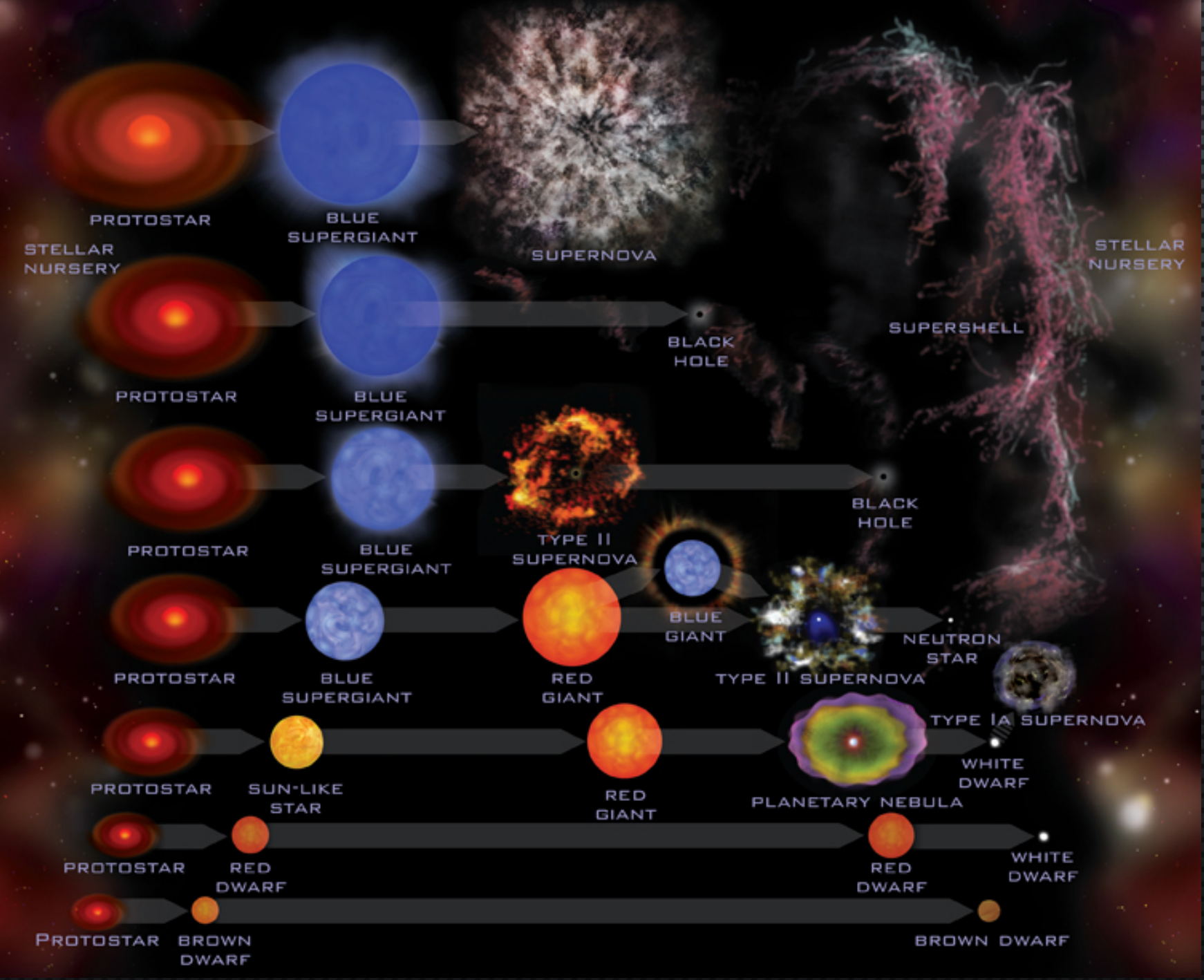
# HERTZPRUNG ET RUSSEL, MAIS AUSSI QUELQUES FEMMES



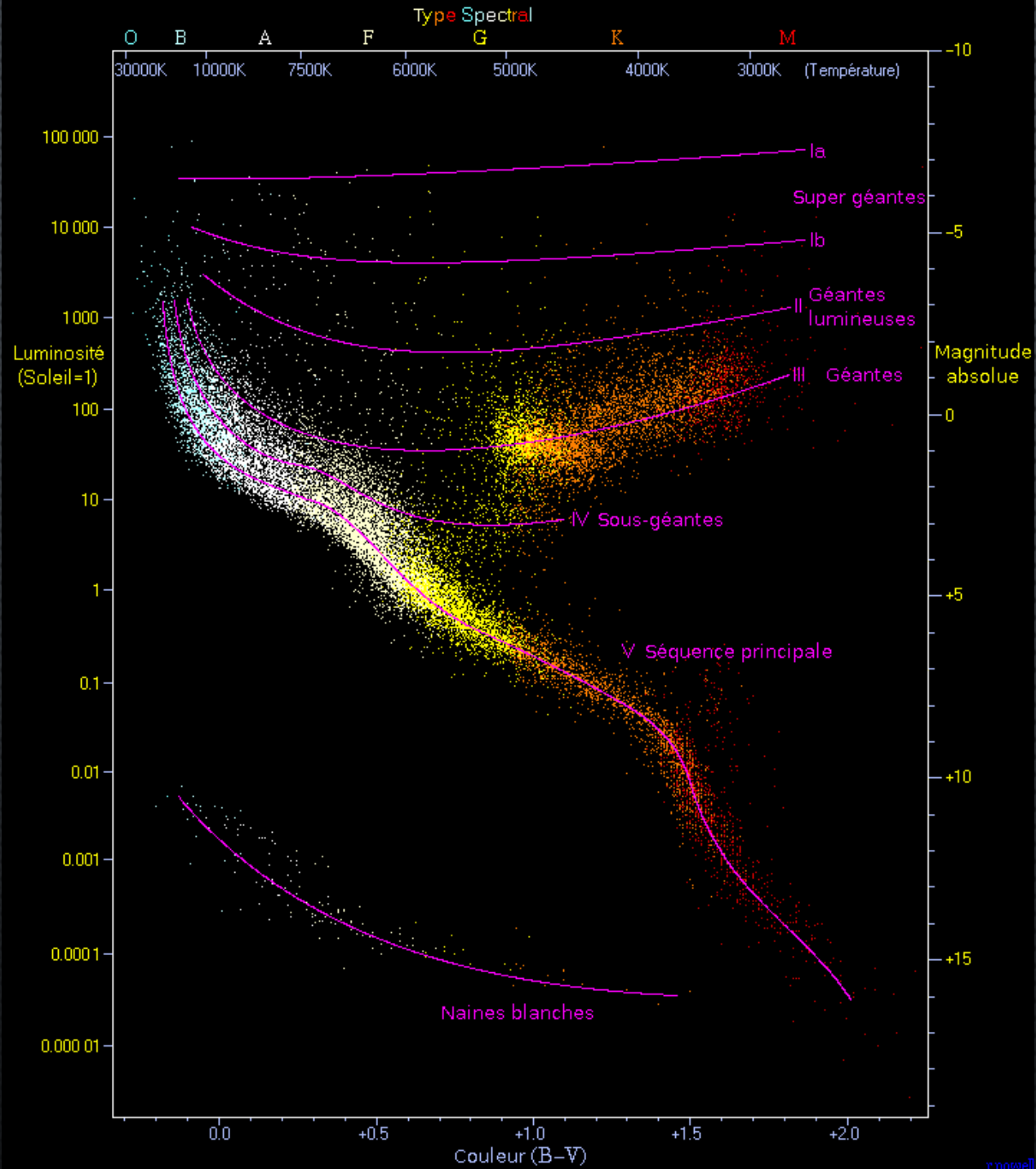
# LE DIAGRAMME HR



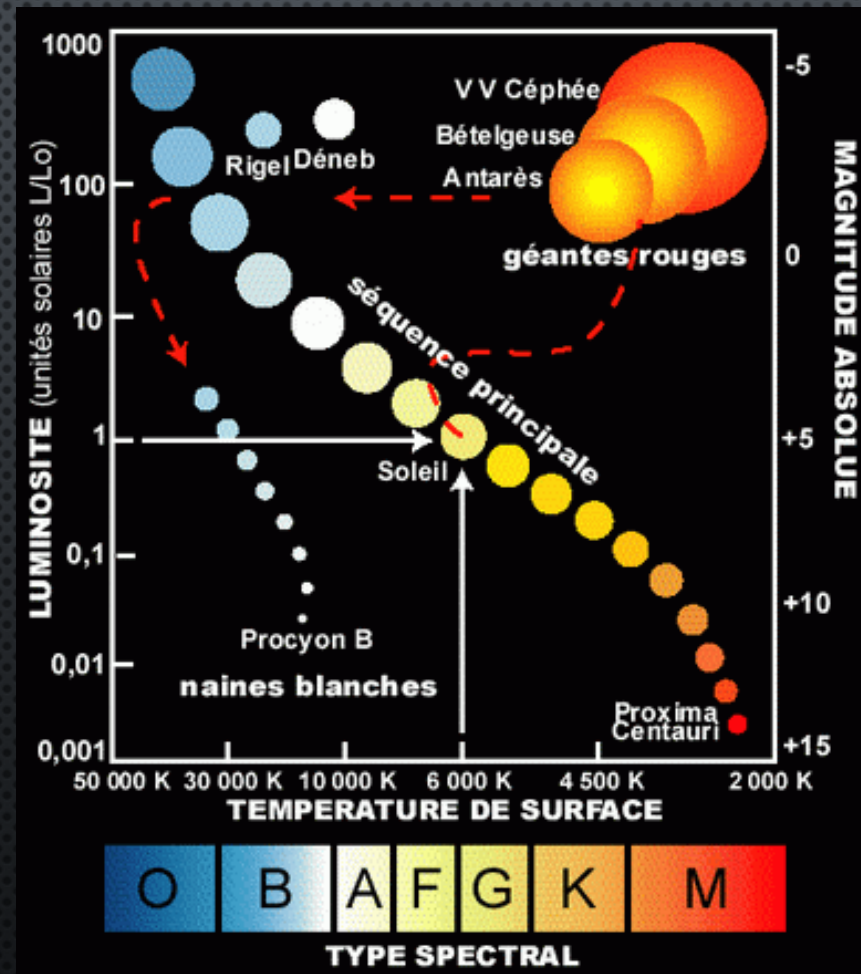




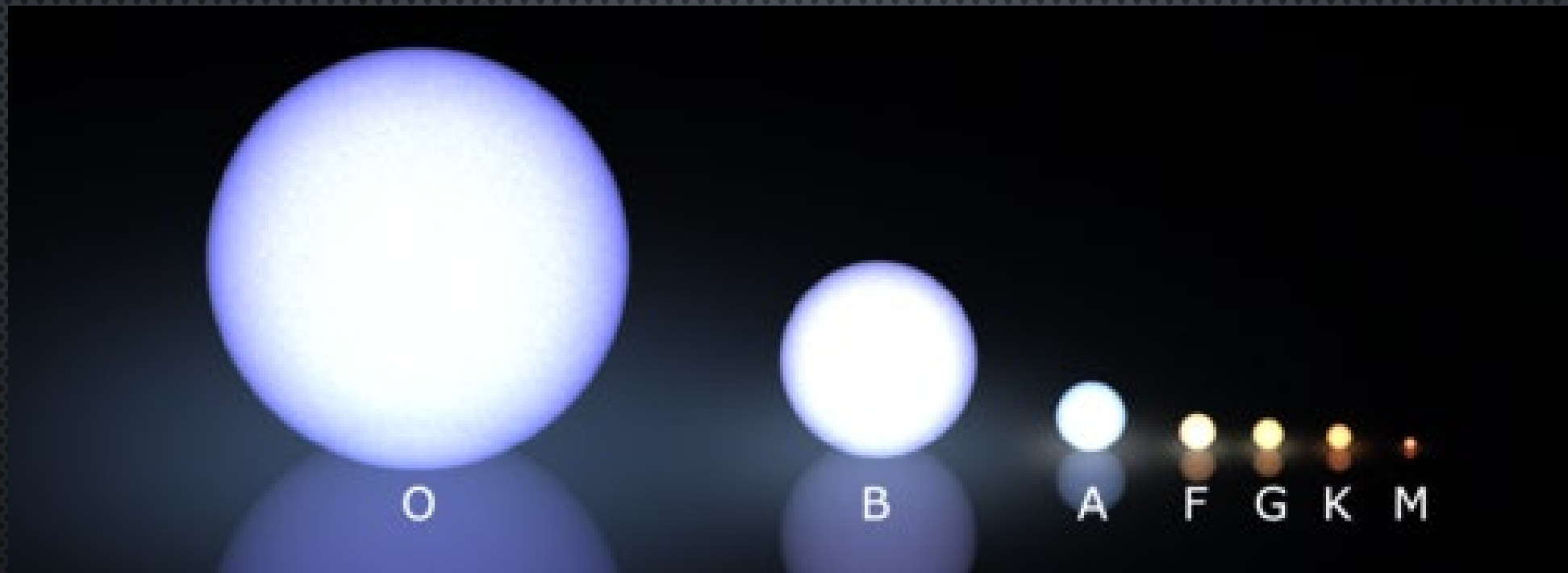
- LE DIAGRAMME HR



# L'ÉVOLUTION DU SOLEIL DANS CE DIAGRAMME

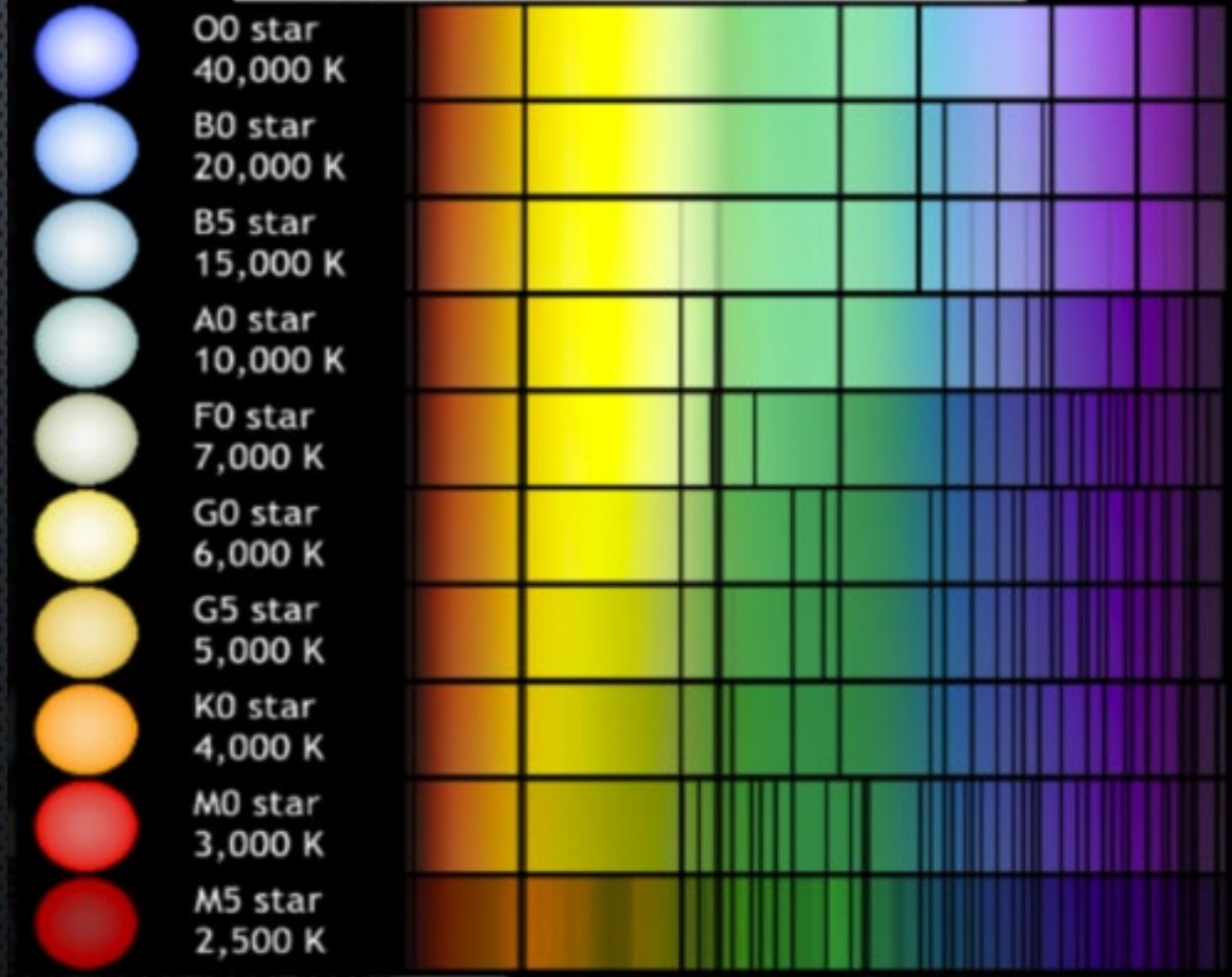


# LE TYPE SPECTRAL

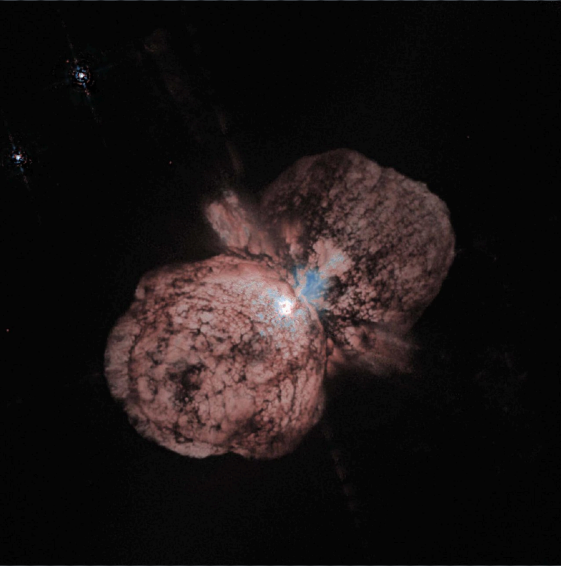


# O B A F G K M

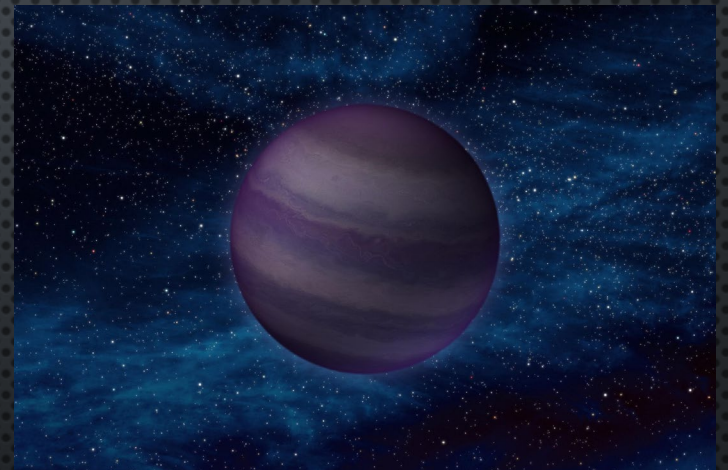
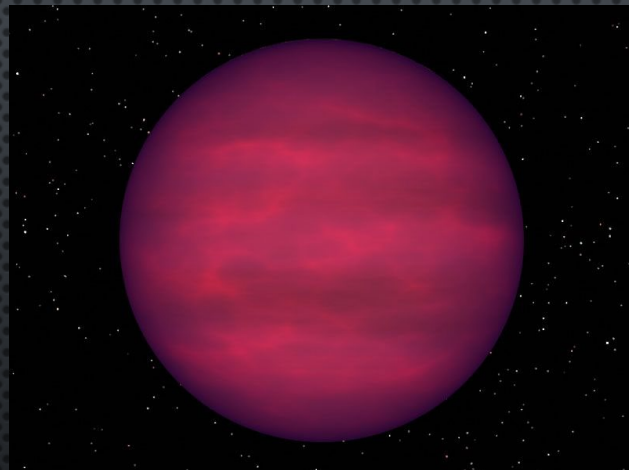
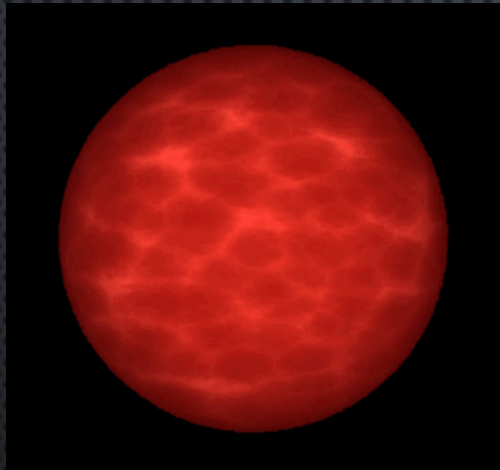
## Stellar Spectral Classes



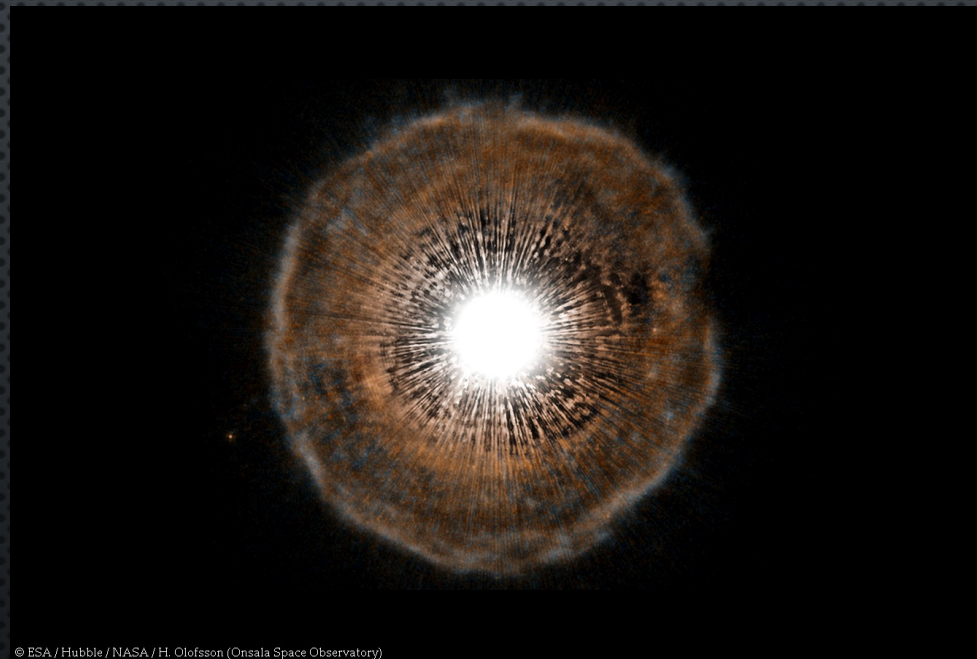
LBV. WR.



LTY



# RNCS



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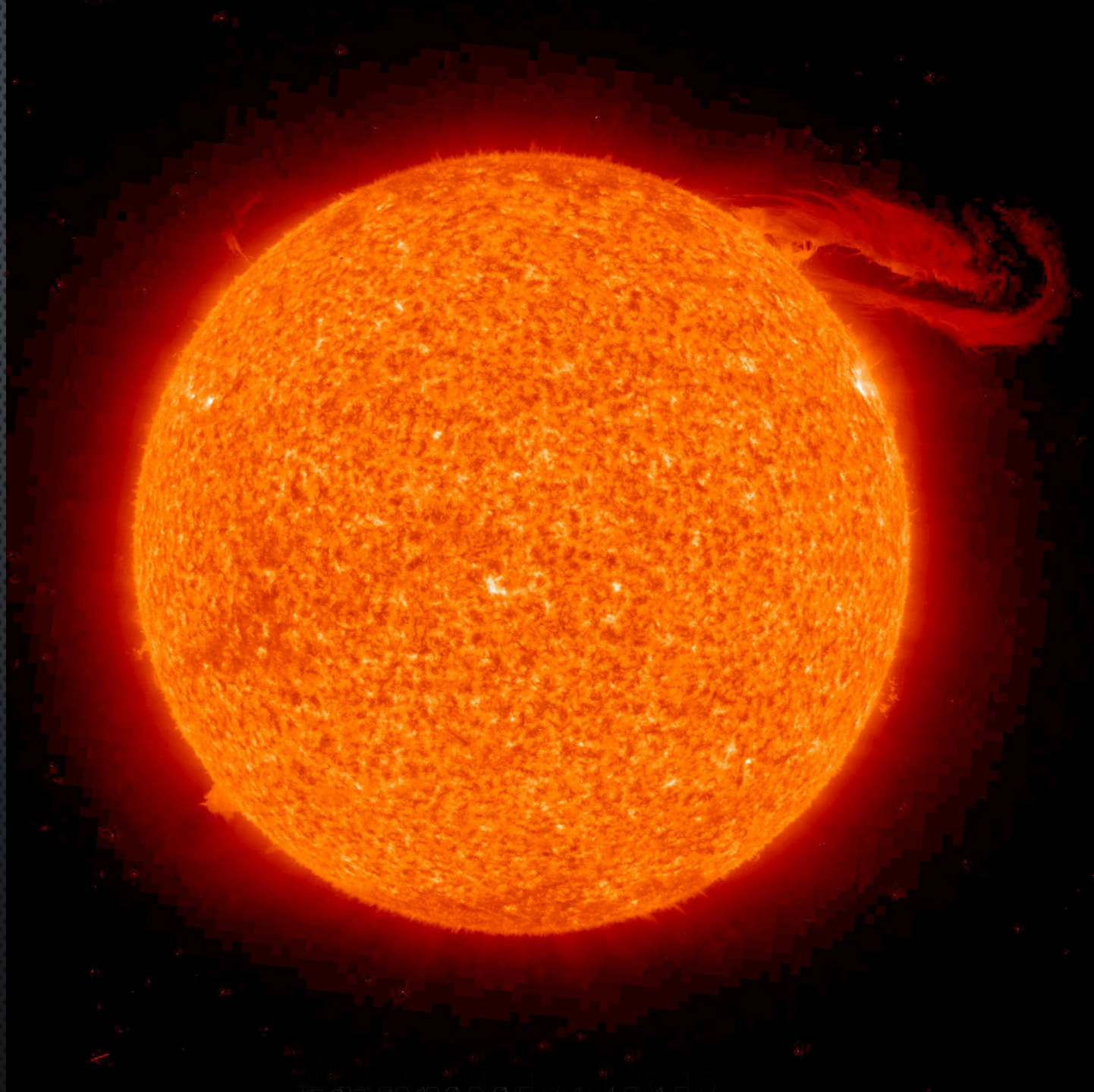


LE GRAND

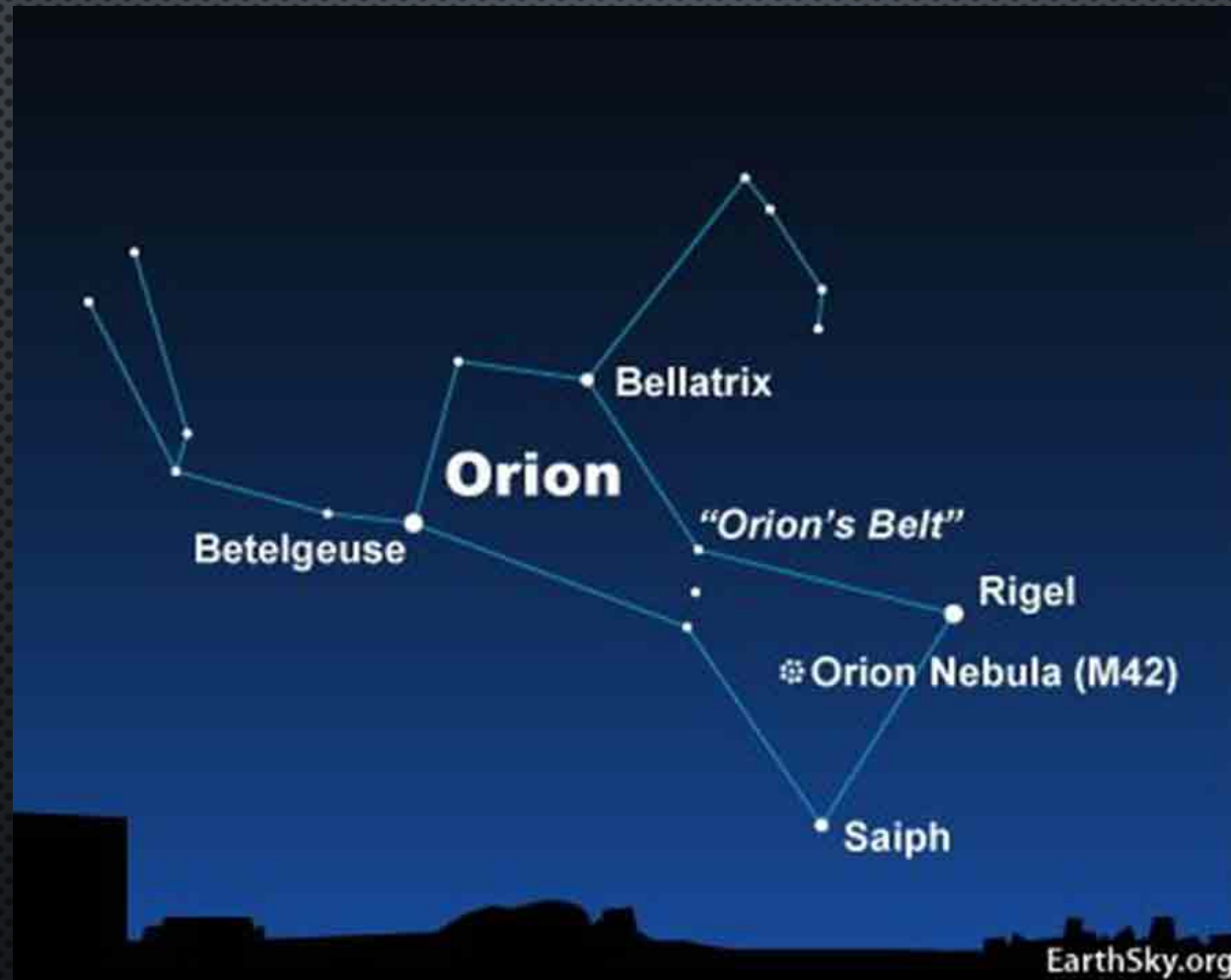
QUIZZ!

- GÉANTE BLEUE
- GÉANTE ROUGE
- NAIN JAUNE
- NAIN ROUGE
- NAIN BLANCHE

# LE SOLEIL ?



BETELGEUSE ? BELLATRIX ?  
SAIPH ? RIGEL ?

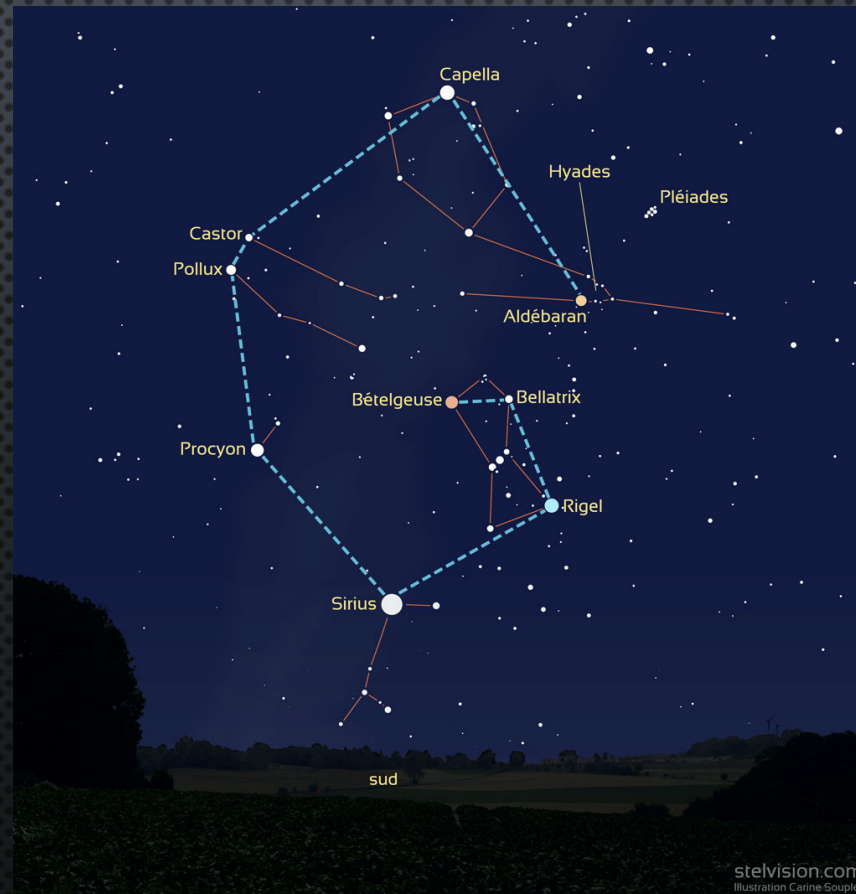


PROCYON ?

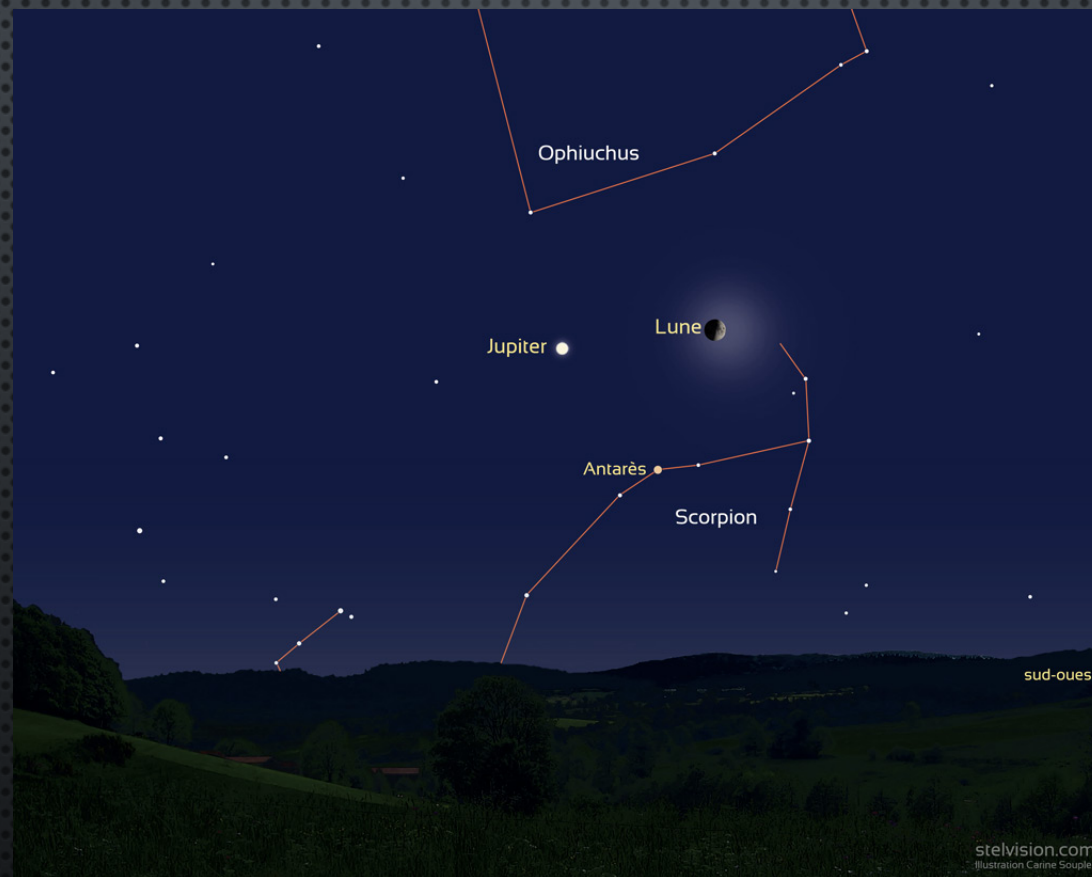
SIRIUS ?



POLLUX ? CASTOR ?  
CAPELLA ? ALDEBARAN ?



# ANTARES ?

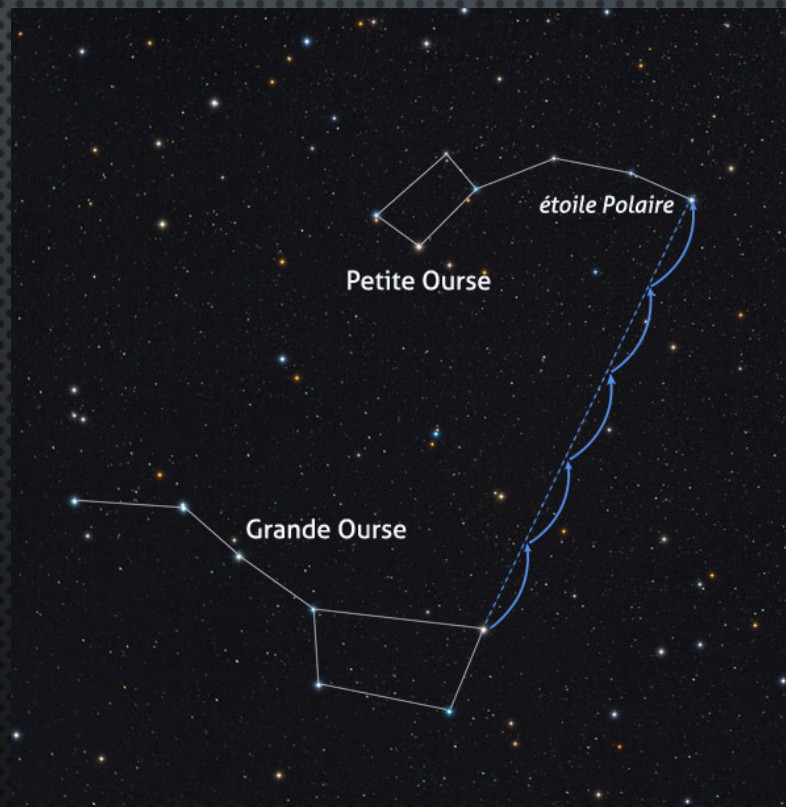


VEGA ? DENEK ? ALTAÏR ?

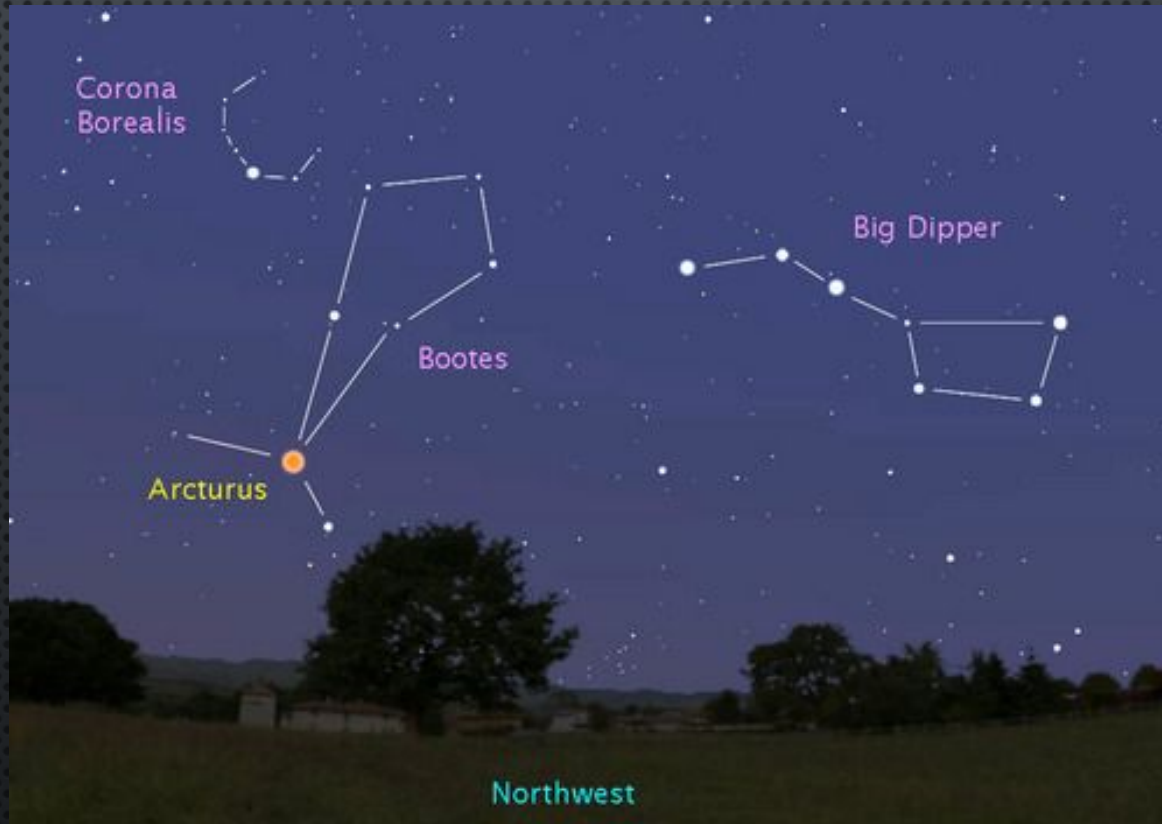




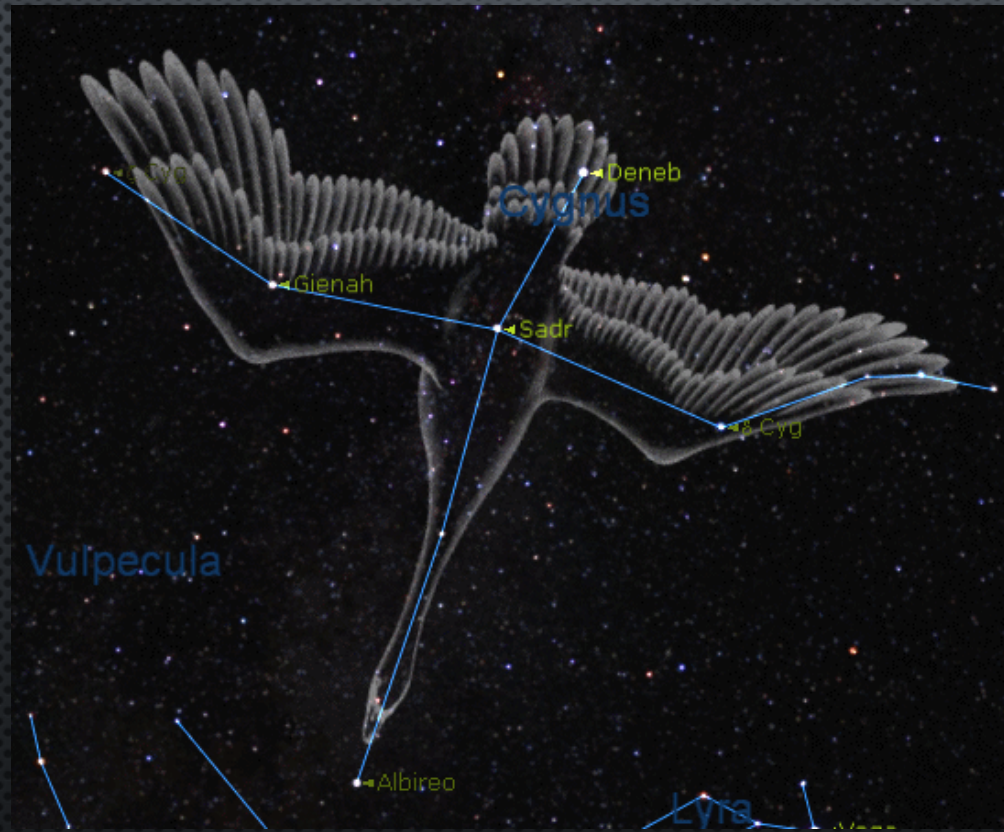
# ÉTOILE POLAIRE ?



# ARCTURUS ?



# ALBIRÉO ?



# FIN

