

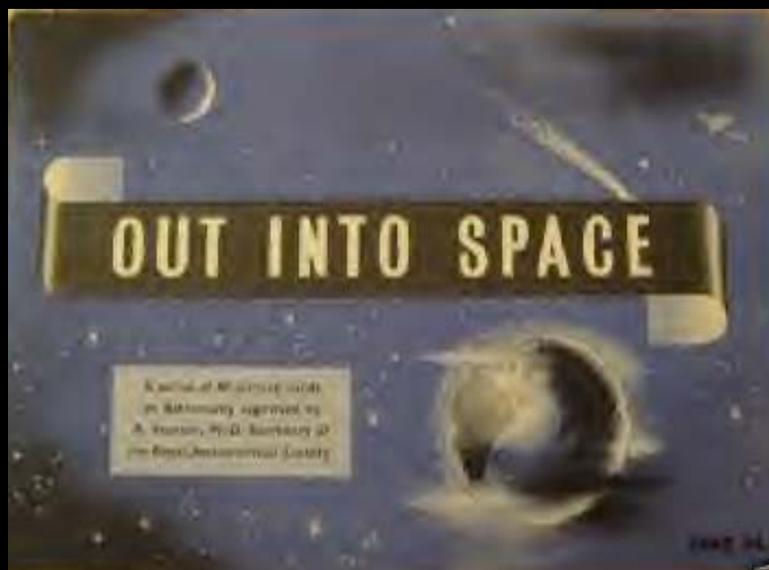
# January's Suggested Constellation

*Recognise  
it yet?*

# January's Suggested Constellation



That's right  
- Taurus



A SERIES OF 50 No. 25

## OUT INTO SPACE

*Approved by A. Hunter, Ph.D.,  
Sec. Royal Astronomical Society*

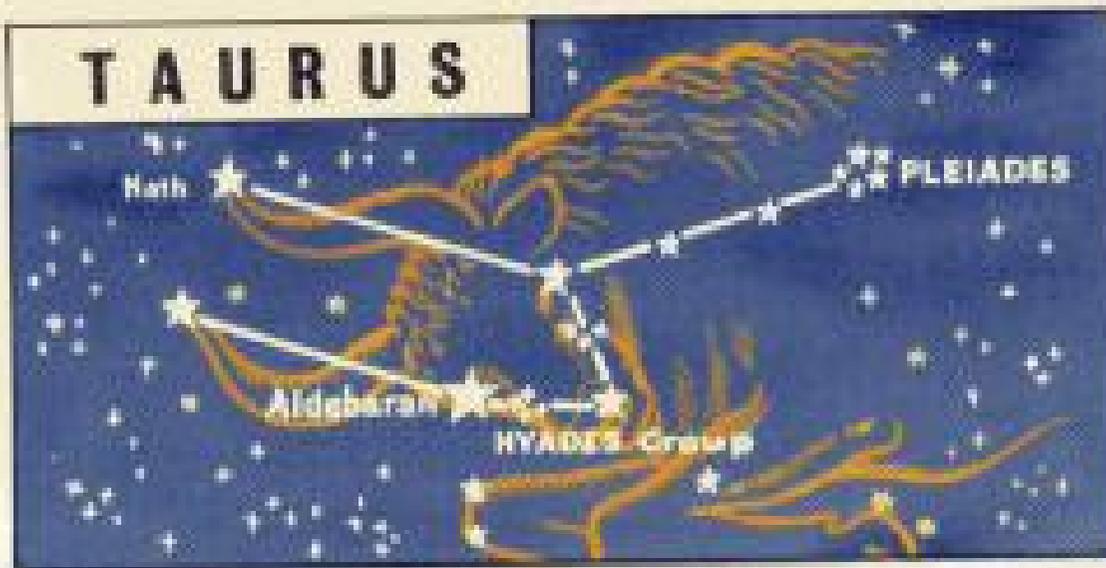
### TAURUS

Taurus (Bull), second of the Zodiacal Signs, has two main groups of stars in the constellation. One is Hyades, a V-shaped group; the other is the Pleiades cluster. According to fable, the Pleiades are the seven daughters of Atlas turned to stars with their sisters, the Hyades, on account of their virtues and mutual affection. The red star Aldebaran (Follower) so named for following the Pleiades, is principal star in Hyades group, and a navigation star. Mythology says that the god Jupiter took the shape of a bull when he abducted Europa and carried her to Crete.

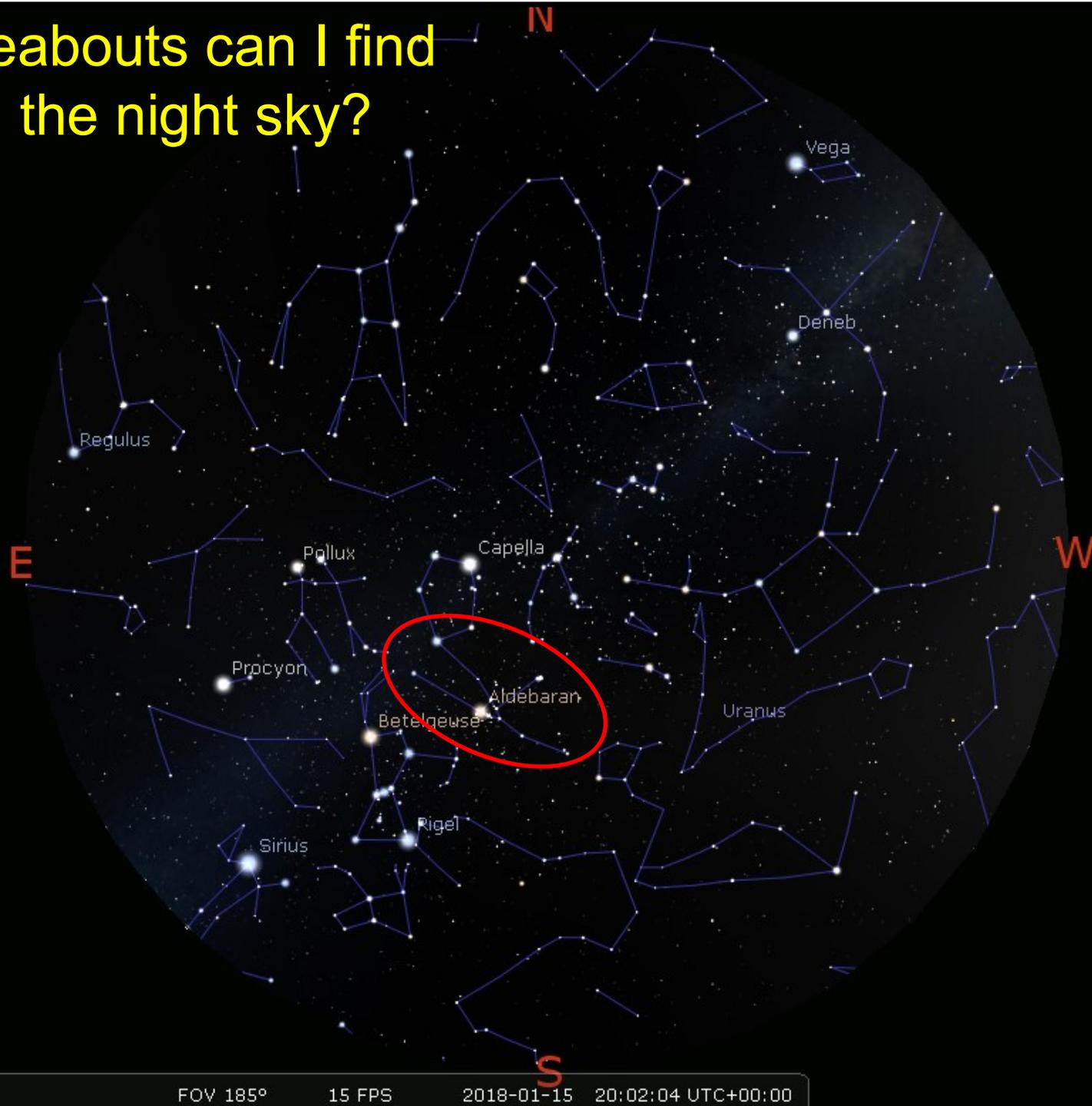
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Whereabouts can I find  
it in the night sky?



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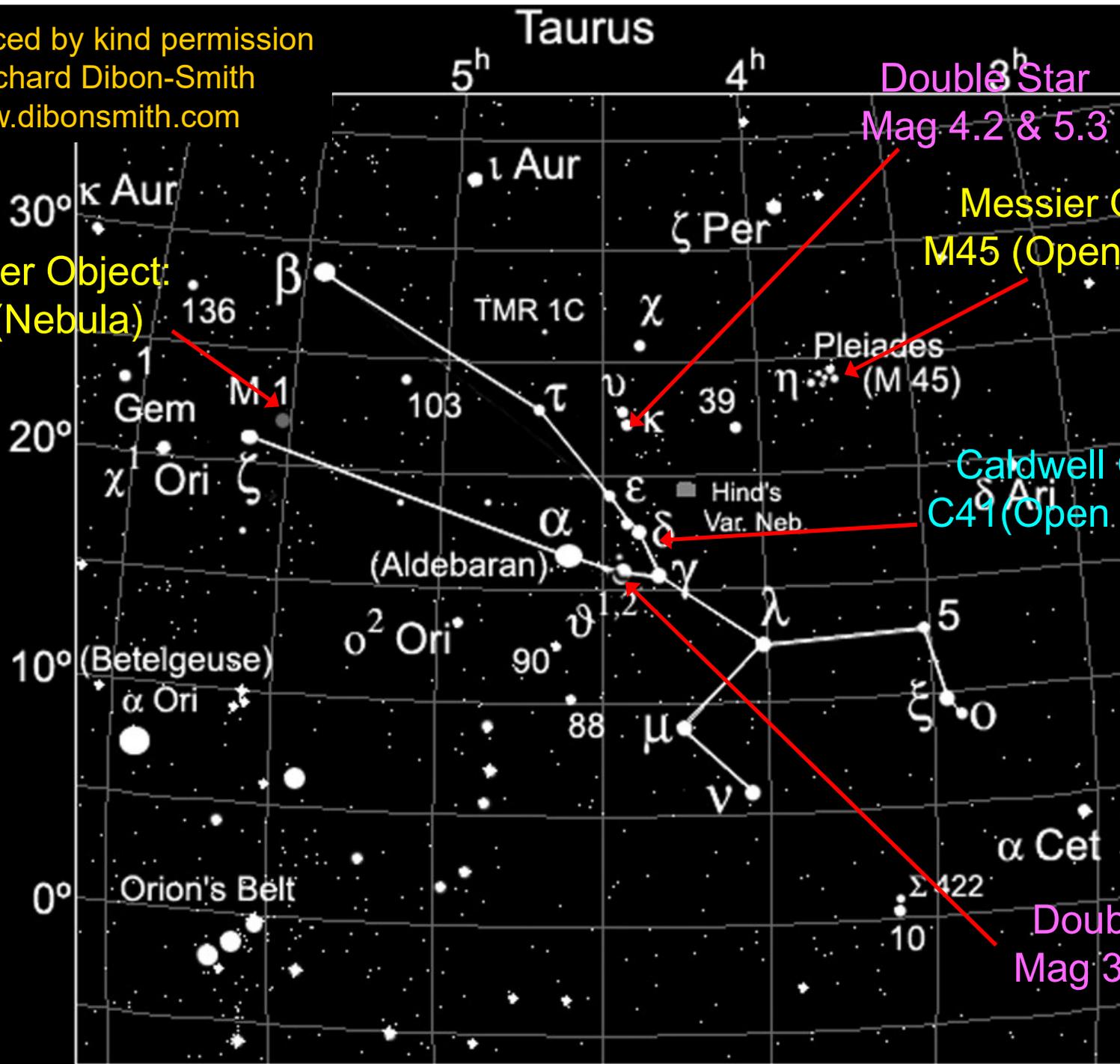
Messier Object:  
M1 (Nebula)

Double Star  
Mag 4.2 & 5.3

Messier Object:  
M45 (Open Cluster)

Caldwell Object  
C41 (Open Cluster)

Double Star  
Mag 3.2 & 3.8



# Messier M1 - The Crab Nebula (Supernova Remnant)



**Distance** 6,500 light years  
**Visual Brightness** Magnitude 8.0

**Apparent Dimensions** 6 arc minutes  
**Discovered** 1731 John Bevis

# Messier M45 - The Pleiades (Open Cluster)



**Distance** 407 light years  
**Visual Brightness** Magnitude 1.5

**Apparent Dimension** 2 degrees  
**Discovered** Known since antiquity

# Caldwell C41 - The Hyades (Open Cluster)



**Distance** 151 light years  
**Visual Brightness** Magnitude 0.5

**Apparent Dimension** 5.5 degrees  
**Discovered** 1777 **Known since** antiquity