

April's Suggested Constellation



*Have you
spotted it yet?*

April's Suggested Constellation



That's right
- Cancer

C A N C E R



A SERIES OF 50 No. 27

OUT INTO SPACE

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

CANCER

Cancer (Crab) is fourth sign, and first of Summer Signs, of Zodiac. The sun enters Cancer on 21st June, giving the Northern Hemisphere their longest day and the Southern their shortest. The Sun, reaching its greatest height in the North, moves backward along ecliptic, which accounts for the Crab being used as symbol for this sign. Cancer contains several 'double' stars and a 'triple' star. Over 90 stars can be seen with the naked eye. One cluster of over 150 stars of sixth and lower magnitudes was known to ancients as Praesepe or Beehive.

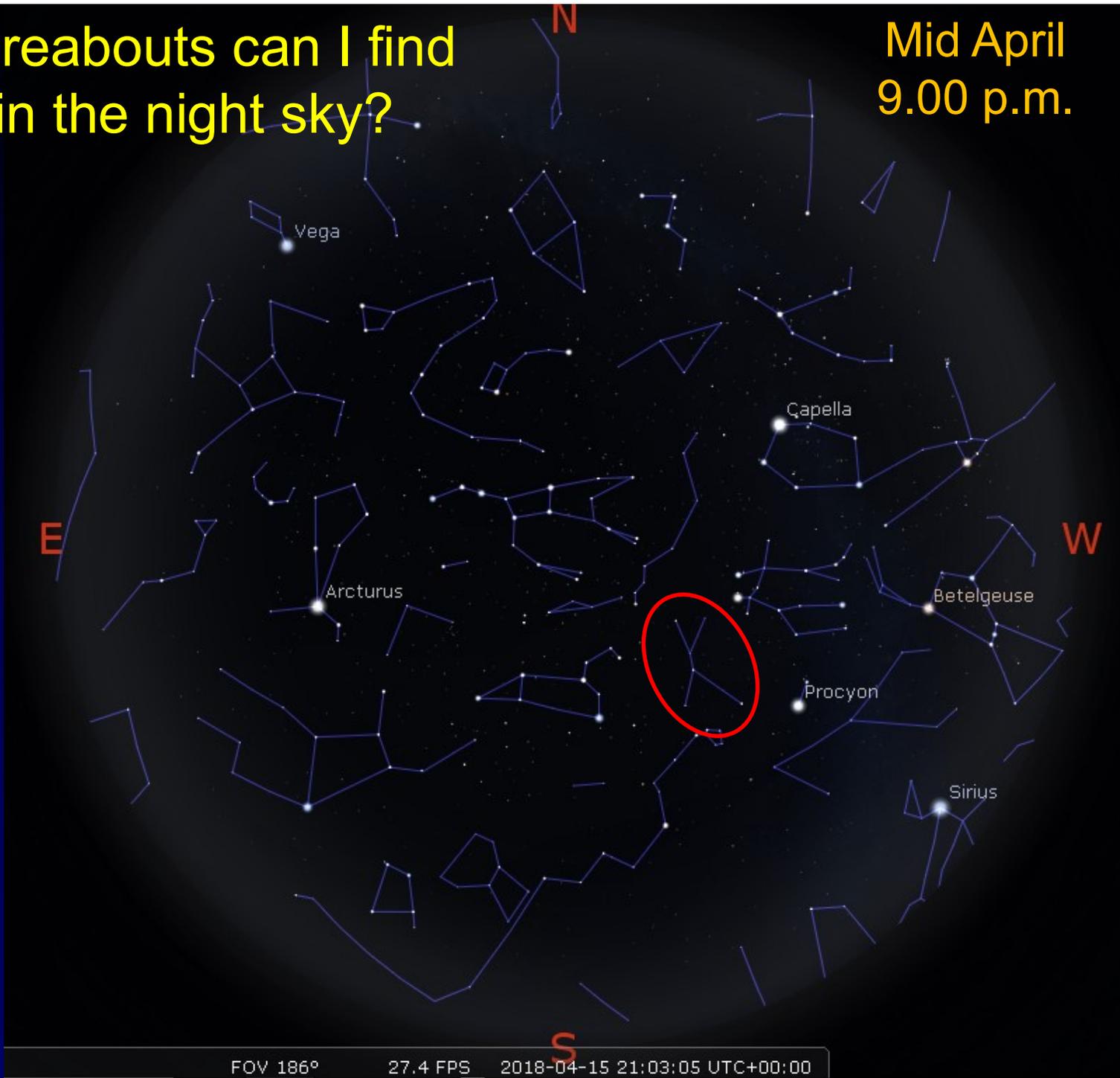
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Whereabouts can I find
it in the night sky?

Mid April
9.00 p.m.



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Cancer

0 9^h 8³⁰ 8^h 7³⁰

Double Star
Mag 4.5 & 6.5

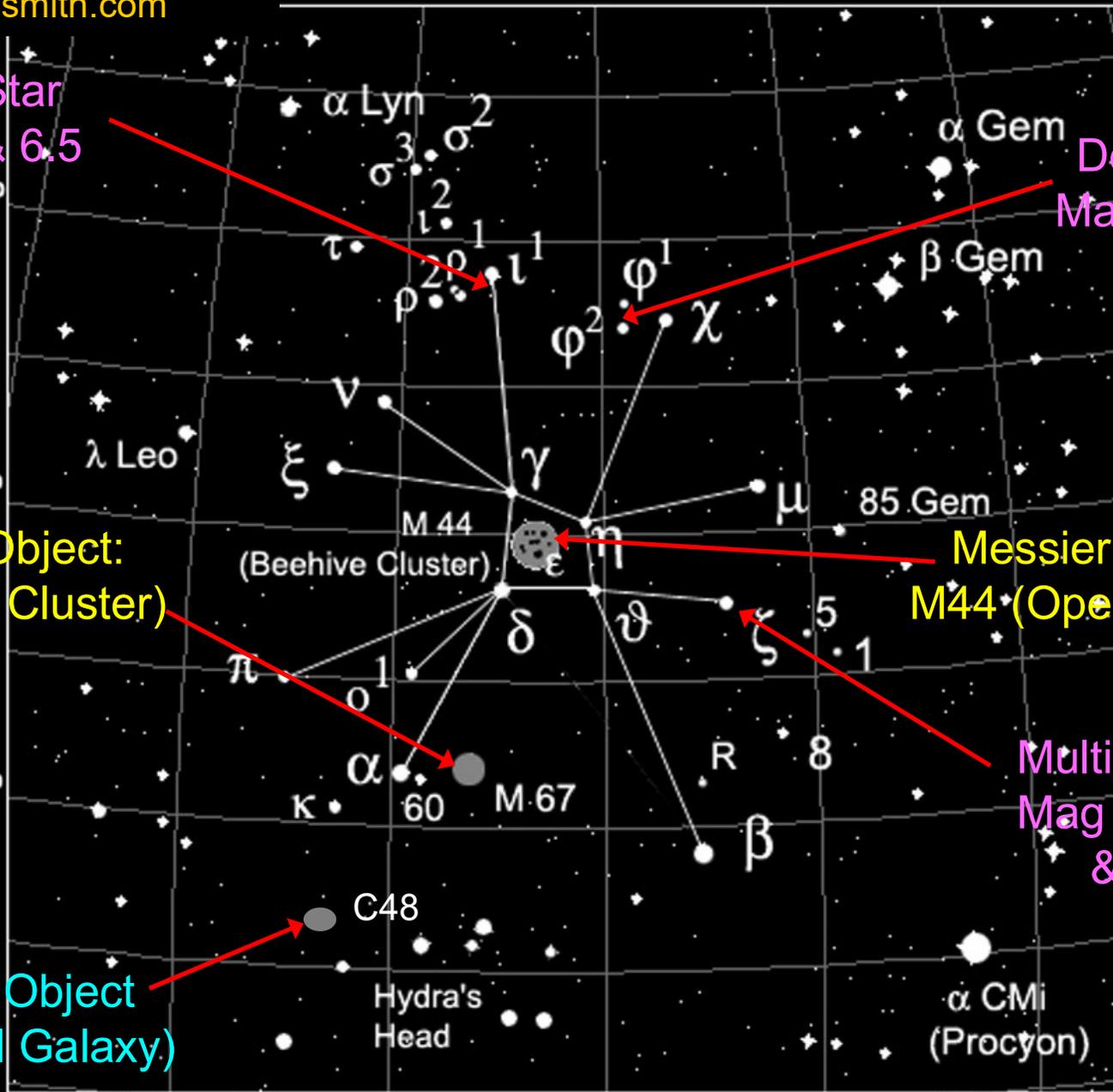
Double Star
Mag 5.5 & 6.0

Messier Object:
M67 (Open Cluster)

Messier Object:
M44 (Open Cluster)

Multiple Star
Mag 5.6, 6.0
& 6.1

Caldwell Object
C48 (Spiral Galaxy)



Messier M44 - “The Beehive” aka “Praesepe” (Open Cluster)



Distance 515 light years
Visual Brightness Magnitude 3.1

Apparent Dimensions 1.2 degrees
Discovered Known since antiquity

Messier M67 - King Cobra (Open Cluster)



Distance 2,600 light years
Visual Brightness Magnitude 6.9

Apparent Dimension 25 arc minutes
Discovered c1775 Johann Kohler

Caldwell C48 - NGC 2775 (Spiral Galaxy)



Distance 55M light years
Visual Brightness Magnitude 10

Apparent Dimension 4.6 arc minutes
Discovered 1783 William Herschel