

The Atlanta Astronomy Club

Charlie Elliot Chapter

Observing 101

Observing 101 - April

Astro Events

Featured Objects

Target List

Observing Techniques

Astro Events

Tonight:

Sunset at 8:10 PM

Mercury sets at 9:21 PM

Venus sets at 9:55 PM

Moon sets at 11:45 AM

Astro Events

Tonight:

Mars transits at 8:36 PM

Saturn transits at 11:54 PM

Astro Events

This month's events ...

Apr 19 - Mars near M44

Apr 21 - 1st Qtr Moon

Apr 22 - Lyrid's peak

Apr 24 - Int'l Astronomy Day

Apr 25 - Venus near Pleaides

Apr 28 - Full Moon

Astro Events

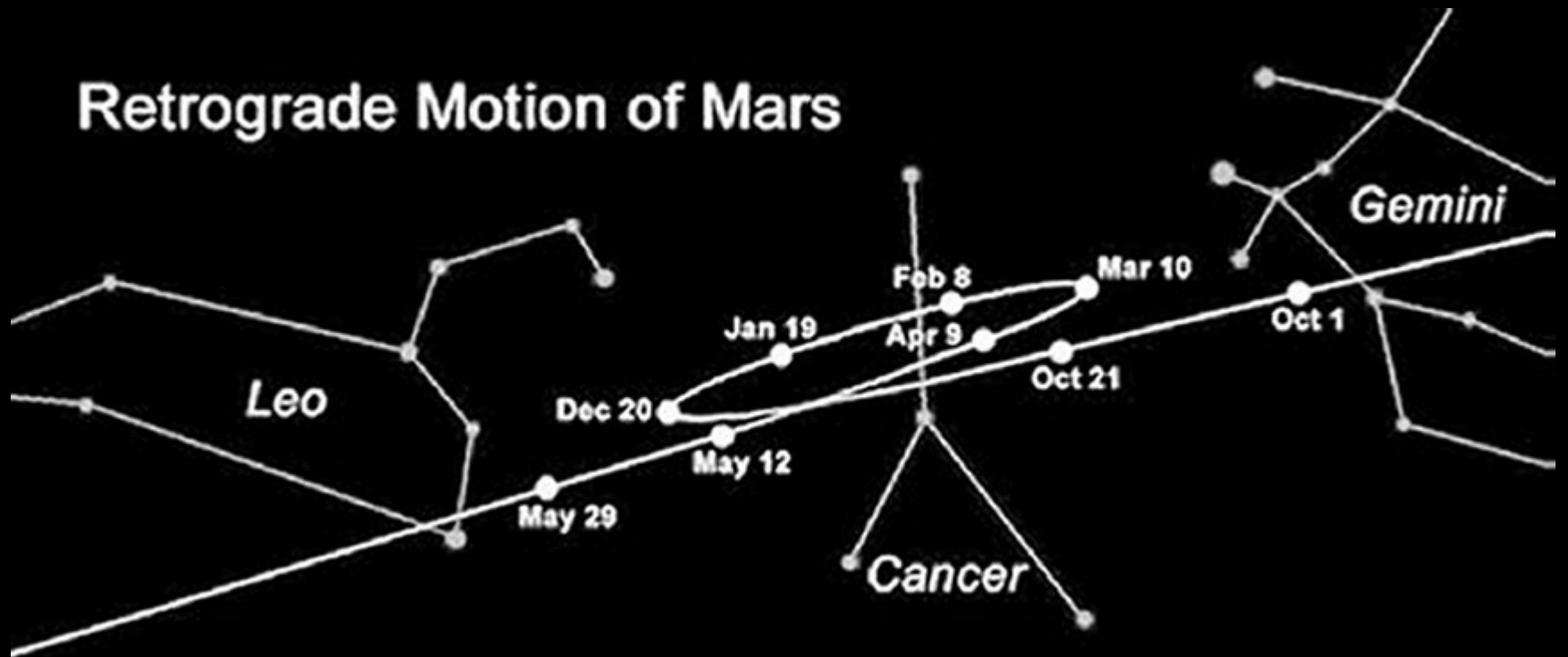
Next month's events ...

May 6 - 3rd Qtr Moon

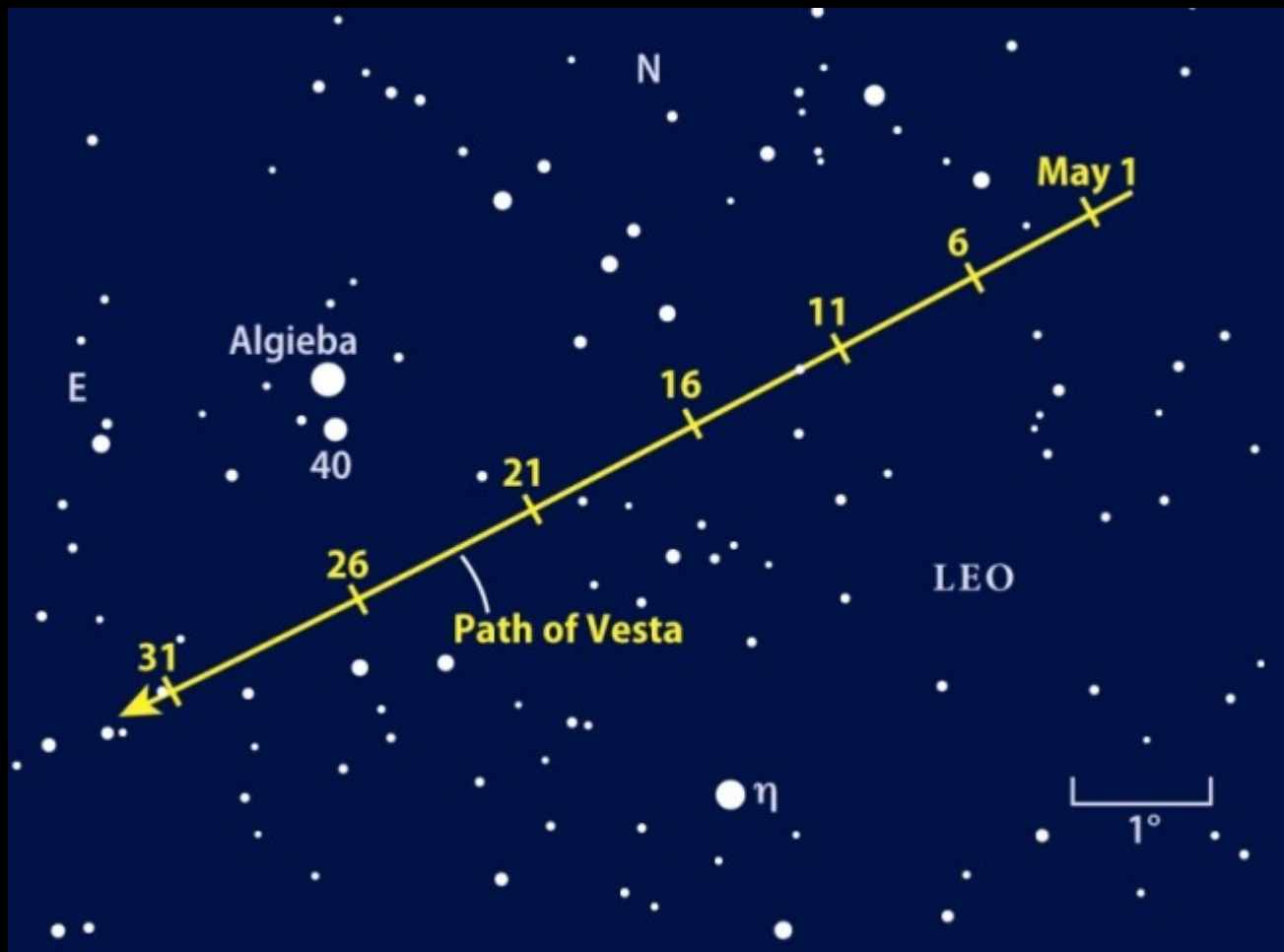
May 13 - New Moon

May 15 - Next CE Meeting; Crescent
Moon near Venus

Retrograde Motion of Mars









Featured Objects

Leo - The Lion

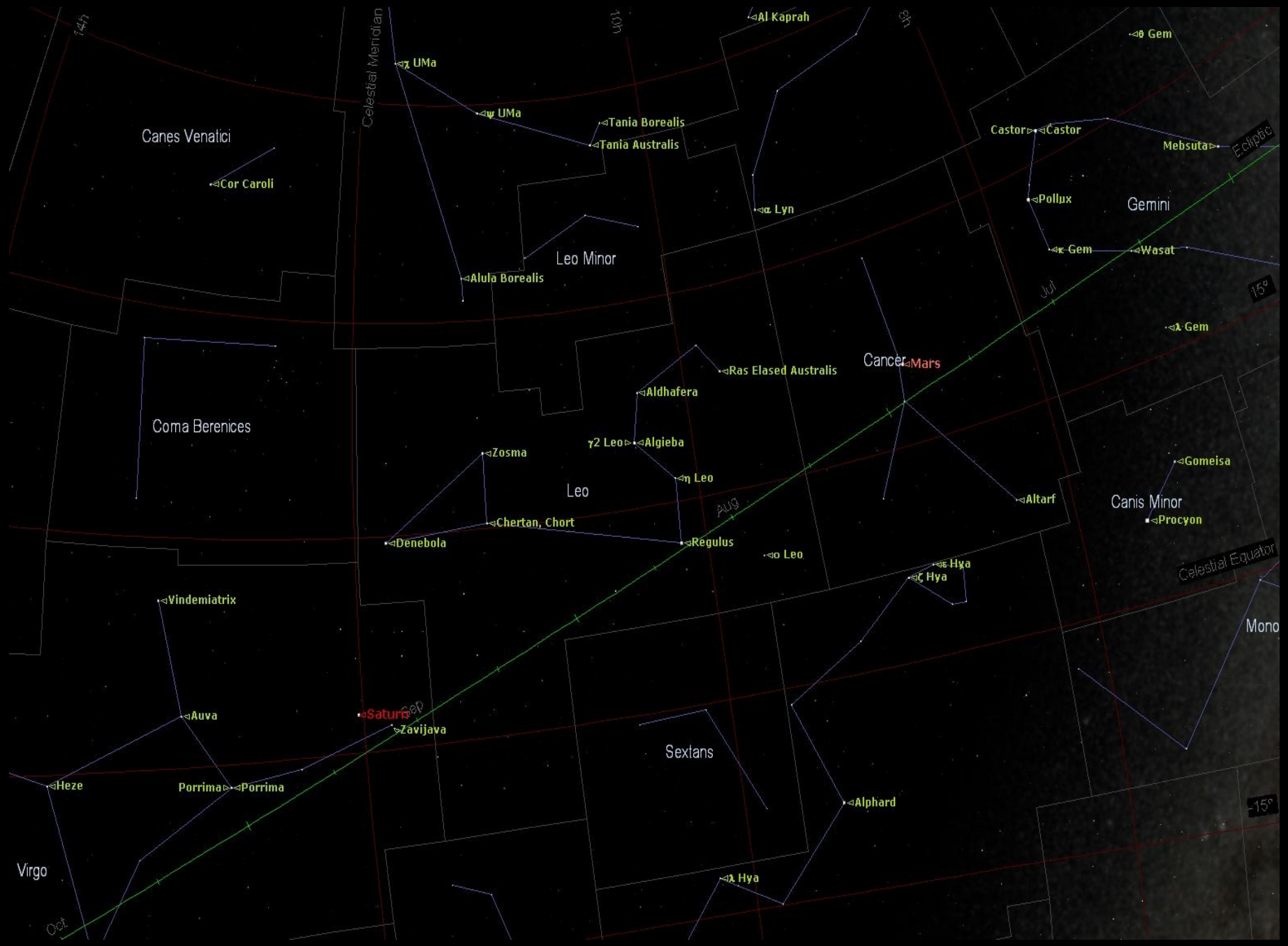
Stars

Regulus

Denebola

Algieba

Zosma

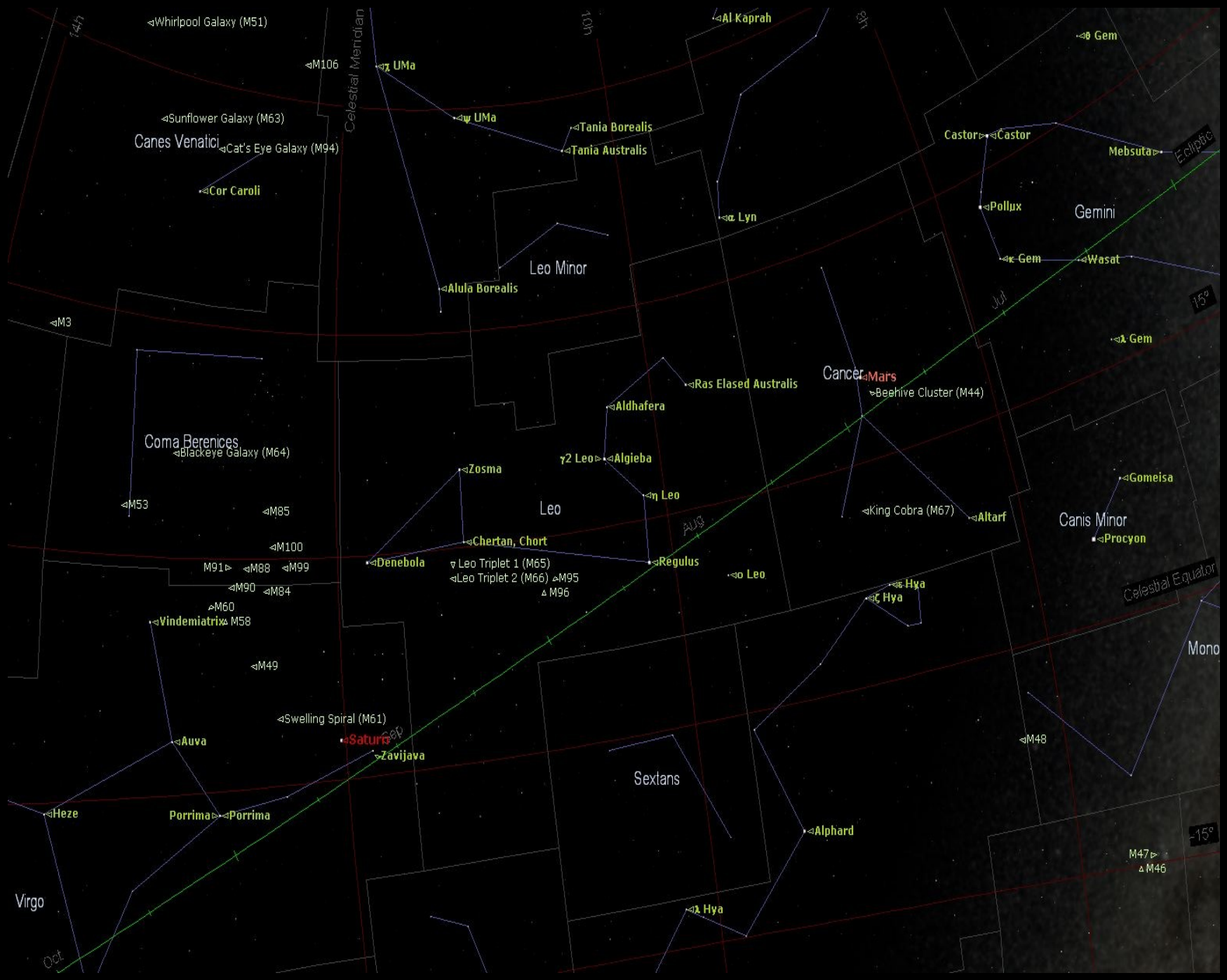


Featured Objects

Leo - The Galaxies

Leo Triplet (M66 Group) also contains M65 and NGC3628

M96 group, also contains M95 and M105



◀ Whirlpool Galaxy (M51)

◀ M106

◀ UMa

◀ Al Kaprah

◀ 8 Gem

◀ Sunflower Galaxy (M63)

Canes Venatici

◀ Cat's Eye Galaxy (M94)

◀ UMa

◀ Tania Borealis

◀ Tania Australis

◀ Castor

◀ Castor

◀ Mabsuta

◀ Cor Caroli

◀ ζ Lyn

Gemini

Leo Minor

◀ Alula Borealis

◀ Pollux

◀ Gem

◀ Wasat

◀ M3

Coma Berenices

◀ Blackeye Galaxy (M64)

◀ Ras Elased Australis

Cancer

◀ Mars

◀ Beehive Cluster (M44)

◀ 1 Gem

◀ M53

◀ M85

◀ Aldhafera

◀ Zosma

Leo

◀ Algieba

◀ η Leo

◀ King Cobra (M67)

◀ Altarf

◀ Gomeisa

M91

M88

M99

◀ Denebola

◀ Chertan, Chort

◀ Leo Triplet 1 (M65)

◀ Leo Triplet 2 (M66)

M95

M96

◀ Regulus

◀ θ Leo

◀ δ Hya

◀ ε Hya

Canis Minor

◀ Procyon

◀ Vindemiatrix M58

◀ M49

◀ Swelling Spiral (M61)

◀ Saturn

◀ Zavijava

◀ Auva

◀ Heze

◀ Porrima

◀ Porrima

Sextans

◀ M48

◀ Alphard

◀ 15°

M47

M46

Virgo

Mono

Oct

Celestial Equator

15°

-15°

Celestial Meridian

10h

8h

14h

Ecliptic

Jul

AUG

Oct

Featured Objects

Messier Objects

Catalog of 110 objects

First edition had M1 - M45 (1774)

Second edition was M1 - M68 (1780)

Final edition was M1 - M103 (1781)

M104 - M110 added in 20th century

Featured Objects

Messier Objects

“Observing Guide to the Messier Marathon” from Don Machholz

“Deep Sky Companion” from Stephen James O’Meara (Cambridge)

“Atlas of the Messier Objects”, Stoyan, etc (Cambridge)



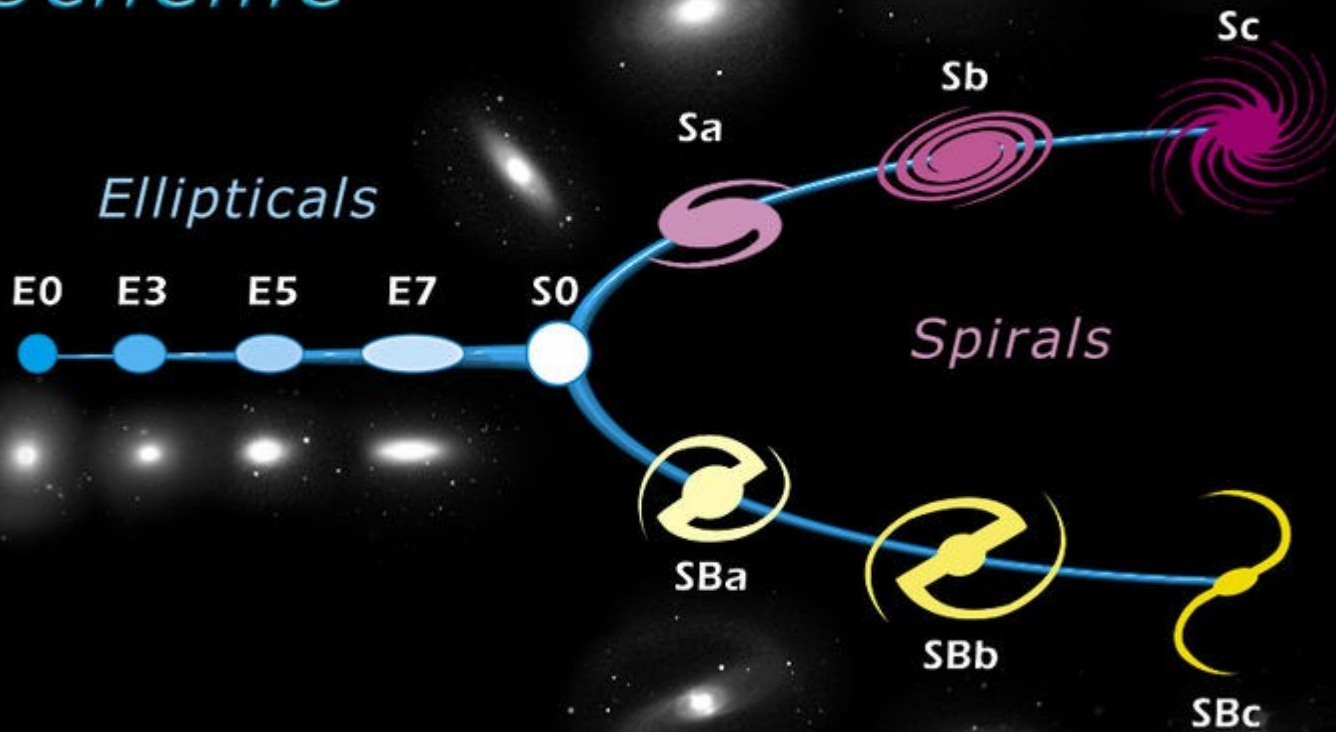


Target List

Table of Objects in Leo

Name	Type	Mag	Dimensions	RA	DEC
M65	SAB(rs)a	9.3	9' x 2.3'	11h 18m 56s	+13° 05'
M66	SAB(s)b	8.9	9.1' x 4.1'	11h 20m 15s	+12° 59'
NGC3628	Sab pec	9.5	13.1' x 3.1'	11h 20m 17s	+13° 35'
M95	SBb	9.7	7.4' x 5.1'	10h 43m 57s	+11° 42'
M96	Sbp	9.3	7.1' x 5.1'	10h 46m 45s	+11° 49'
M105	E1	9.3	4.5' x 4.0'	10h 47m 49s	+12° 34'
NGC3384	E7	9.9	5.9' x 2.6'	10h 48m 16s	+12° 37'

Edwin Hubble's Classification Scheme



Web Links

Wikipedia

www.wikipedia.com

SEDS - Messier

seds.org/messier/

Clear Skies!

