

## December 2016 Target List

Naked Eye and Binocular			
M35	OC	Gemini	Huge open cluster near the foot off Castor.
M42	NB	Orion	Great Orion Nebula – It's winter so it must be done.
R Leporis	CS	Lepus	Hind's Crimson Star – Reddest star you are
Y Orionis	DS	Orion	Meissa – multiple star system at the head of Orion.
Omicron 2 Eridani	TS	Eridanus	"Keid" (home star to the planet Vulcan from Star Trek) +4.4, +9.7 @ 83" and +11.5 @ 9"

Small to Medium Telescope			
Rigel	DS	Orion	Double star with huge magnitude difference. Mag +0.28, +6.8 @ 9"
M78	NB	Orion	"Bright Nebula" – That's a joke. Very low surface brightness. Mag +8.3
M1	SNR	Taurus	Remnant of a super nova observed in 1840. Mag +8.4
M79	GC	Lepus	Globular cluster hiding in the south. Mag +7.7, Class V
NGC 2169	OC	Orion	The "37" Cluster. Mag +5.9 Numbers may be inverted due to your optics.

More Difficult Targets			
NGC 2392	PN	Gemini	Eskimo Nebula – Mag +9.2 Use OIII filter and >100x for detail
NGC 2238	NB	Monoceros	Caldwell 49 / Rosette Nebula – Mag +5.5? No way I say.
NGC 4194	PN	Gemini	Medusa Nebula, Abell 21, Sharpless 2-274: Mag +13.97

Challenge Object			
NGC 2264	NB	Monoceros	Cone Nebula, Mag unknown, dark nebula
NGC 2264	OC	Monoceros	Christmas Tree Cluster, Mag+3.9

PN=Planetary Nebula GC=Globular Cluster OC=Open Cluster DS=Double Star NB=Nebula GX=Galaxy