

Yoders Astroical Targets
2024-06

Constellation	Type	R.A.	DEC	Trans Alt	Catalogue	ID	Size	Mag1	Mag2	Sep	S.B.	Name	User Notes
Andromeda	Carbon	00:19:54	+44°42'34"	79	Carbon	VX And		7.8				VX And, HD 1546, HIP 1593,CGCS36, 0019+4442	Ref: 22 Reddest Carbon Stars
Andromeda	Carbon	00:27:32	+35°35'39"	88	Carbon	AQ And		8.6				AQ And, HD 2342, BD +34 56, HIP 2180,CGCS65, 0027+3535	Ref: 22 Reddest Carbon Stars
Andromeda	Dbl	00:55:00	+23°38'00"	80	SACDBL40	36 And		6.0	6.4	0.9		SAO74359, 36 And, ASCDBL34	Period 124 years
Andromeda	Galaxy	00:40:22	+41°41'07"	82	Messier	M110	19.5x11.5	8.9			23.4	Satellite Of Andromeda Galaxy, NGC205, UGC426,Satellite of Andromeda 1	
Andromeda	Galaxy	00:42:42	+40°51'54"	82	Messier	M32	8.5x6.5	9.1			22.1	Satellite Of Andromeda Galaxy, NGC221, UGC452,Satellite of Andromeda 2	
Andromeda	Galaxy	00:42:44	+41°16'08"	82	Messier	M31	189.1x61.7	4.3			23.1	Andromeda Galaxy, NGC224, UGC454,Andromeda A,Andromeda Galaxy	JY: The Great Andromeda Galaxy
Andromeda	Mult	02:03:54	+42°19'47"	81	BrightStar	Almac		2.3	5.1	9.6		SAO37734, gam And, Almach, 57 And, HD12533, ALDS8	JY: Excellent gold/blue double star
Antlia	Carbon	10:34:20	-30°23'22"	26	SAO	HD91625		9.3				HD91625, SAO201522, TYC 7185-0297-1	
Antlia	Carbon	10:35:13	-39°33'46"	17	BrightStar	U Ant		5.4				SAO201533, HD91793, HR4153, HIP 51821	Ref: 22 Reddest Carbon Stars
Aquila	Carbon	18:45:44	+08°44'37"	65	SAO	T Aql		9.0				SAO123894, BD +08 3835	Ref: 22 Reddest Carbon Stars
Aquila	Carbon	19:04:24	-05°41'06"	51	BrightStar	V Aql		6.9				SAO142985, HD177336, HR7220, V Aquilae, HIP93666, WDS 19044-0541	Ref: 22 Reddest Carbon Stars
Aquarius	Globular	20:53:28	-12°32'14"	44	Messier	M72	5.9	10.0			22.5	NGC6981	
Aquarius	Globular	21:33:29	-00°49'19"	56	Messier	M2	12.9	7.5			21.7	M2,NGC7089	
Aquarius	Open	20:58:56	-12°38'07"	44	Messier	M73	3	9.0			20.0	NGC6994	
Aquarius	P Neb	22:29:38	-20°50'13"	36	NGC Acc.	NGC7293	12.8					NGC7293	
Aquarius	Triple	22:28:50	-00°01'13"	57	BrightStar	55 Aqr		4.6	4.8	1.8		SAO146107, HD213051, ζ Aqr, 55 Aqr, Zeta Aqurii, HR8558	
Ara	Open	17:24:52	-49°56'36"	7	IC	IC 4651	12	6.9			20.9		A close pair. I see orange and blue — good example of complementary color.
Aries	Dbl	01:50:08	+22°16'31"	79	BrightStar	1 Ari		5.9	7.0	2.8		SAO74966, HD11154, 1 Ari, HR530	
Aries	Dbl	01:53:30	+19°18'00"	76	AL Dbl	5 Ari		4.8	4.8	7.8		Mesarthim, ALDS5, SAO92680	
Aries	Mult	01:57:56	+23°35'46"	80	BrightStar	9 Ari		4.8	7.3	37.4		SAO75051, lam Ari, 9 Ari, HD11973	
Aries	Triple	02:59:13	+21°20'25"	78	BrightStar	48 Ari		4.6	4.9	1.5		SAO75673, HD18519, ε Ari, 48 Ari, HR887	
Auriga	Carbon, Dbl	06:36:33	+38°26'43"	85	BrightStar	UU Aur		5.3	10.9	17.9		SAO59280, HD46687, HR2405, HIP31579	Ref: The Reddest Stars
Auriga	Dbl	05:15:24	+32°41'00"	89	SACDBL40	14 Aur		5.1	7.4	14.6		SAO40233, 14 Aur, SACDBL158, HD33959, HR1706, KW Aur	Yellow and pale orange; subtle.
Auriga	Mult	05:59:43	+37°12'45"	86	BrightStar	37 Aur		2.6	7.1	3.5		SAO58636, HD40312, θ Aur, 37 Aur, HR2095	
Auriga	Open	05:28:40	+35°50'54"	87	Messier	M38	21	7.0			22.2	Starfish Cluster, NGC1912	
Auriga	Open	05:36:18	+34°08'24"	89	Messier	M36	12	6.5			20.5	Pinwheel Cluster, NGC1960	
Auriga	Open	05:52:18	+32°33'12"	89	Messier	M37	24	6.0			21.5	Auriga Salt-and-pepper Cluster, January Salt-and-pepper Cluster, NGC2099,Auriga Salt-and-Pepper,January Salt-and-Pepper	
Bootes	Dbl	14:49:48	+48°43'00"	75	SACDBL40	39 Boo		6.0	6.5	2.9		SAO45231, 39 Boo, SACDBL205, HR 5538	A lovely yellow and rose duo. The delicacy of the tints is a delight.
Bootes	Mult	14:51:23	+19°06'04"	76	BrightStar	37 Boo		4.5	6.7	7.2		SAO101250, xi Boo, 37 Boo, HD131156	
Bootes	Triple	14:16:10	+51°22'02"	72	BrightStar	21 Boo		4.8	8.2	38.7		SAO29071, iot Boo, 21 Boo, HD125161	
Bootes	Triple	14:40:44	+16°25'06"	73	BrightStar	29 Boo		4.9	5.8	5.7		SAO101138, pi Boo, 29 Boo, HD129174	
Bootes	Triple	14:41:09	+13°43'42"	70	BrightStar	30 Boo		4.8	4.9	1.2		SAO101145, HD129246, ζ Boo, 30 Boo, HR5477	

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Bootes	Triple	14:44:59	+27°04'30"	84	BrightStar	Izar		5.1	7.7	2.8		SAO83500, Izar, Pulcherrima, HD129988, ε Boo, 36 Boo, HR5505, Epsilon Bootis	
Bootes	Triple	15:24:29	+37°22'38"	86	BrightStar	51 Boo		4.3	6.5	108.9		SAO64686, mu Boo, 51 Boo, HD137391	
Camelopardalis	Carbon	03:42:09	+63°13'00"	60	BrightStar	DB Cam		5.1				SAO12874, HD22649, HR105, HIP17296	
Camelopardalis	Carbon	05:41:02	+68°47'52"	55	SAO	S Cam		7.8				SAO13563, GC7005, HD36972, HIP26753	
Camelopardalis	Carbon, Dbl	03:41:48	+62°38'54"	61	WDS2022_08	U Cam		7.8	9.6	208.6		SAO 12870, HD 22611, BLL 12, HIP 17257, WDS03418+6239, BLL12, BD+62 00596	Ref: The Reddest Stars
Camelopardalis	Triple	12:49:14	+83°24'46"	40	BrightStar	HR 4893		5.3	5.8	21.6		SAO2102, HD112028	
Capricornus	Globular	21:40:22	-23°10'45"	33	Messier	M30	11	8.5			22.3	NGC7099	
Cassiopeia	Carbon, Dbl	00:01:12	+60°21'00"	63	SACDBL40	WZ Cas		7.6	8.7	58.1		SAO21002, WZ Cas, SACDBL290, HD224855, HIP99, STTA254	Ref: 22 Reddest Carbon Stars
Cassiopeia	Carbon, Dbl	01:33:33	+57°45'05"	66	WDS2022_08	WW Cas		10.2	10.6	0.2		HDS206, HIP7260, WDS01335+5745, TYC 3679-0216-1	First/Last: 1991 33deg 0.2. #Obs: 1.
Cassiopeia	Dbl	00:49:06	+57°49'00"	66	AL Dbl	Achird		3.4	7.5	12.0		24 Cas, Eta Cas, HR 219, ADS 671, WDS00491+5749, ALDS1	Exquisite at 64x with a pale yellow primary and purple-red secondary.
Cassiopeia	Mult	00:49:06	+57°48'57"	66	BrightStar	Achird		3.4	7.4	11.6		SAO21732, eta Cas, 24 Cas, HD4614	
Cassiopeia	Mult	02:29:04	+67°24'09"	56	BrightStar	SAO12298		4.5	6.7	2.3		SAO12298, HD15089, ι Cas, HR707,	
Cassiopeia	Open	01:19:35	+58°17'12"	65	NGC	NGC457	13	6.4			20.6	Dragonfly Cluster, ET Cluster, Owl Cluster, Phi Cassiopeiae Cluster	Cl, B, L, pRi, st 7, 8, 10
Cassiopeia	Open	01:33:23	+60°39'00"	63	Messier	M103	6	7.0			19.5	NGC581	
Cassiopeia	Open	23:24:48	+61°35'36"	62	Messier	M52	13	8.0			22.2	The Scorpion, NGC7654, Cassiopeia Salt-and-Pepper, October Salt-and-Pepper	
Cassiopeia	Open	23:57:24	+56°42'30"	67	NGC	NGC 7789	16	6.7			21.3		
Cepheus	Carbon	21:35:13	+78°37'28"	45	SAO	S Cep		7.0				SAO10100, GC30287, HD206362	Ref: 22 Reddest Carbon Stars
Cepheus	Carbon, Dbl	21:43:30	+58°46'48"	65	BrightStar	Garnet Star		4.1	12.4	19.5		Erakis, SAO33693, HD206936, μ Cep, HIP 107259, ADS 15271	Ref: 22 Reddest Carbon Stars
Cepheus	Dbl	22:29:10	+58°24'55"	65	BrightStar	27 Cep		3.8	6.2	40.8		SAO34508, HD213306, δ Cep, 27 Cep, HR8571, ALDS97	
Cepheus	Open	20:31:30	+60°39'42"	63	NGC	NGC 6939	8	7.8			20.9		
Cetus	Galaxy	02:42:41	-00°00'48"	57	Messier	M77	7.3x6.3	9.7			22.5	Cetus A, NGC1068, UGC2188	
Cetus	Triple	02:43:18	+03°14'09"	60	BrightStar	86 Cet		3.5	6.2	2.8		SAO110707, gam Cet, 86 Cet, HD16970	
Canis Major	Carbon, Dbl	07:08:03	-11°55'24"	45	WDS2022_08	W Cma		7.0	8.8	157.9		SAO 152427, HD 54361, HIP 34413, SKF 1303, WDS07081-1155, SKF1303	Ref: 22 Reddest Carbon Stars
Canis Major	Dbl	06:58:36	-28°58'00"	28	AL Dbl	ALDS33		1.5	7.4	7.5		Adhara	
Canis Major	Dbl	07:16:36	-23°19'00"	33	SACDBL40	SAO173349		4.8	6.8	26.6		h3945, SACDBL526, HIP35210, ADS5951, HR2764, h3945	The "Winter Albireo" and a perennial favorite. Perceived color differences are real in this binary.
Canis Major	E Neb	07:18:36	-13°12'00"	43	NGC	NGC2359	8					NGC2359, Thor's Helmet	
Canis Major	Mult	06:45:09	-16°42'58"	40	Bright	Sirius		-1.5	8.8	11.2		SAO151881, Sirius, HR2491, 9 Cma, Dog Star	
Canis Major	Open	06:46:01	-20°45'24"	36	Messier	M41	38	5.0			21.5	Little Beehive, NGC2287	
Cancer	Carbon	08:55:23	+17°13'53"	74	BrightStar	X Cnc		6.6				SAO98230, HD76221, HR3541, HIP43811	Ref: the Reddest Stars
Cancer	Carbon	08:56:40	+19°50'56"	77	SAO	T Cnc		8.0				SAO80524, GC12356, HIP 43905, BLL27	Deep orange-red
Cancer	Dbl	08:26:47	+26°56'04"	84	BrightStar	23 Cnc		6.3	6.4	5.2		SAO80187, HD71150, φ Cnc, 23 Cnc, HR3310, Phi Cancri	
Cancer	Dbl	08:46:40	+28°45'55"	85	BrightStar	48 Cnc		6.6	9.1	30.4		iot Cnc, 48 Cnc, SAO80415, HD74738, SAO80416	

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Cancer	Mult	08:12:13	+17°38'52"	74	BrightStar	Tegmine		5.6	6.0	0.9		SAO97645, Tegmine, Zeta Cancri, zet Cnc, 16 Cnc, HD68257	
Cancer	Open	08:40:24	+19°40'00"	76	Messier	M44	95	4.0			22.5	Præsepe, Beehive Cluster, NGC2632, Beehive Cluster, Manger (Præsepe), Præsepe (Manger)	
Cancer	Open	08:51:18	+11°48'00"	68	Messier	M67	30	7.5			23.5	King Cobra, NGC2682	
Coma Berenices	Dbl	12:35:06	+18°23'00"	75	AL Dbl	24 Com		5.2	6.7	20.3		24Comae, ALDS46, SAO100159, HR 4791, 24 Com	
Coma Berenices	Galaxy	12:13:48	+14°54'01"	72	Messier	M98	9.4x2.3	10.9			22.9	NGC4192, UGC7231	
Coma Berenices	Galaxy	12:18:50	+14°25'01"	71	Messier	M99	5.3x4.6	10.4			22.5	Virgo Cluster Pinwheel/Coma Pinwheel Galaxy, NGC4254, UGC7345, Coma Pinwheel Galaxy, [St.] Katherine's Wheel, Pinwheel Galaxy, St. Katherine's Wheel, Virgo Cluster Pinwheel Gal.	
Coma Berenices	Galaxy	12:22:55	+15°49'21"	72	Messier	M100	7.5x6.1	10.1			22.9	Mirror of M99, NGC4321, UGC7450	
Coma Berenices	Galaxy	12:25:24	+18°11'27"	75	Messier	M85	7.4x5.9	10.0			22.7	NGC4382, UGC7508	
Coma Berenices	Galaxy	12:31:24	+25°46'29"	82	NGC	NGC4494	4.8	9.9			21.9		
Coma Berenices	Galaxy	12:31:59	+14°25'12"	71	Messier	M88	6.8x3.7	10.2			22.3	NGC4501, UGC7675	
Coma Berenices	Galaxy	12:35:27	+14°29'47"	71	Messier	M91	5.2x4.2	10.9			22.9	Missing Messier Object, NGC4548, UGC7753	
Coma Berenices	Galaxy	12:36:21	+25°59'16"	83	NGC	NGC4565	16.2	9.6			24.3	The Needle Galaxy	
Coma Berenices	Galaxy	12:50:27	+25°30'03"	82	NGC	NGC4725	11	9.2			23.0		
Coma Berenices	Galaxy	12:56:44	+21°40'58"	78	Messier	M64	10.3x5	9.3			22.2	Black Eye Galaxy, Sleeping Beauty Galaxy, NGC4826, UGC8062, Black Eye Galaxy, Sleeping Beauty Galaxy	
Coma Berenices	Globular	13:12:55	+18°10'07"	75	Messier	M53	12.6	8.5			22.6	NGC5024	
Corona Borealis	Carbon	15:49:31	+39°34'19"	84	SAO	V CrB		6.9				SAO64929, GC21278, HD141826, HIP77501	Ref: The Reddest Stars
Corona Borealis	Carbon, Dbl	15:59:30	+25°55'13"	83	BrightStar	T CrB		2.0		0.2		Blaze Star, HR 5958, HD 143454, HIP 78322, JEF 2, SAO84129, HD143454	Ref: 22 Reddest Carbon Stars
Corona Borealis	Mult	15:23:12	+30°17'16"	87	BrightStar	2 CrB		5.6	5.9	0.5		SAO64673, HD137107, η CrB, 2 CrB, HR5727	
Corvus	Dbl	12:29:52	-16°30'56"	40	BrightStar	7 Crv		3.0	8.2	24.4		del Crv, 7 Crv, SAO157323, HD108767	
Canes Venatici	Carbon	12:45:08	+45°26'25"	78	BrightStar	La Superba		5.0				SAO44317, HD110914, HR4846, HIP62223, Y CVn, Y Canum Venaticorum	Ref: 22 Reddest Carbon Stars
Canes Venatici	Dbl	12:56:00	+38°18'53"	85	BrightStar	12 CVn		5.6	8.3	19.4		alp CVn, 12 CVn, SAO63256, HD112412, Cor Caroli, Alpha Canum Venaticorum	
Canes Venatici	Galaxy	12:18:58	+47°18'16"	76	Messier	M106	17.4x6.6	9.1			22.9	NGC4258, UGC7353	
Canes Venatici	Galaxy	12:50:53	+41°07'12"	82	Messier	M94	12.3x10.8	8.9			22.8	Croc's Eye Galaxy, NGC4736, UGC7996	
Canes Venatici	Galaxy	13:15:49	+42°01'46"	81	Messier	M63	12.6x7.5	9.3			22.9	Sunflower Galaxy, NGC5055, UGC8334	
Canes Venatici	Galaxy	13:29:52	+47°11'45"	76	Messier	M51	10.8x6.6	8.9			22.2	Whirlpool Galaxy, Question Mark Galaxy, NGC5194, UGC8493, Lord Rosse's Nebula, Question Mark, Rosse's Galaxy, Whirlpool Galaxy	JY: Nice interacting galaxies (Dark Sky)
Canes Venatici	Globular	13:42:15	+28°22'28"	85	Messier	M3	16.2	7.0			21.7	M3, NGC5272	
Cygnus	Carbon	19:40:57	+32°37'06"	89	SAO	TT Cyg		8.0				SAO68688, HD186047, HIP96836	
Cygnus	Carbon	20:19:36	+47°53'42"	75	SAO	U Cyg		6.1				SAO49477, GC28290, HD193680, HIP100219	Ref: 22 Reddest Carbon Stars
Cygnus	Carbon	20:41:18	+48°08'29"	75	Carbon	V Cyg		6.8				SAO 49940, HIP 102082, CGCS4939, 2041+4808	Ref: 22 Reddest Carbon Stars

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Cygnus	Carbon	21:42:01	+35°30'37"	88	Carbon	V460 Cyg		6.1				CGCS5418, 2142+3530	Ref: The Reddest Stars
Cygnus	Carbon	21:43:16	+38°01'03"	85	Carbon	RV Cyg		7.1				SAO 71642, HIP 107242, BLL 55, CGCS5425, 2143+3801	Ref: 22 Reddest Carbon Stars
Cygnus	Carbon, Dbl	20:13:24	+38°43'44"	85	WDS2022_08	RS Cyg		8.0	7.2	131.7		SAO 69636, HD 192443, HIP 99653, WDS20134+3844, BLL47, BD+38 03957	Ref: The Reddest Stars
Cygnus	Carbon, Dbl	21:55:14	+50°29'50"	73	WDS2022_08	LW Cyg		9.3	11.8	84.4		HD 208512, HIP 108205, WDS21552+5030, BLL56, BD+49 03673	Ref: The Reddist Stars
Cygnus	Dbl	19:30:42	+27°58'00"	85	AL Dbl	Albireo		3.1	5.1	34.4		Beta Cygni,Albireo, ALDS85, SAO87301, HR 7417, 6 Cyg	JY: Best color double in the sky
Cygnus	E Neb	20:47:50	+44°22'00"	79	IC Acc.	IC5067						IC5067	
Cygnus	Mult	20:13:38	+46°44'29"	77	BrightStar	HR7735		3.8	4.8	337.5		SAO49337, 31 Cyg, HD192577, Omicron 1 Cygni	
Cygnus	Open	19:41:18	+40°11'12"	83	NGC	NGC 6819	5	7.3			19.4		
Cygnus	Open	20:23:57	+38°30'30"	85	Messier	M29	7	9.0			21.9	Cooling Tower, NGC6913	
Cygnus	Open	21:31:42	+48°25'00"	75	Messier	M39	32	5.5			21.7	NGC7092	
Cygnus	Triple	19:44:59	+45°07'51"	78	BrightStar	Al Fawaris		2.9	6.4	2.0		SAO48796, HD186882, δ Cyg, 18 Cyg, HR75528, Al Fawaris, Rukh, Urakhga	
Delphinus	Dbl	20:46:40	+16°07'27"	73	BrightStar	12 Del		4.3	5.3	9.8		SAO106476, HD197964, γ Del, 12 Del, HR7948	
Delphinus	Mult	20:37:33	+14°35'43"	71	BrightStar	Rotanev		3.6	4.6	0.6		SAO106316, Rotanev, HD196524, β Del, 6 Del, HR7882, Venator	
Draco	Carbon	12:56:26	+65°59'38"	57	SAO	RY Dra		6.1				SAO15945, GC17574, HD112559, HIP63152	Ref: The Reddest Stars
Draco	Carbon	19:21:35	+76°33'35"	47	SAO	UX Dra		5.8				SAO9404, HIP 95154, GC26826, HD183556	Ref: The Reddest Stars
Draco	Carbon, Dbl	17:56:23	+58°13'06"	65	WDS2022_08	T Dra		10.9	11.1	17.5		HIP 87820, ADS 10937, ES20, WDS17566+5813	Ref: 22 Reddest Carbon Stars
Draco	Galaxy	15:06:30	+55°45'47"	68	Messier	M102	6.5x3.1	10.8			22.7	Spindle Galaxy (duplicate of M101?), NGC5866, UGC9723	
Draco	P Neb	17:58:33	+66°37'59"	57	NGC Acc.	NGC6543	5.8	9.0			21.4	NGC6543	
Draco	Triple	17:05:20	+54°28'13"	69	BrightStar	HR 6370		5.8	5.9	2.0		SAO30239, mu Dra, 21 Dra, HD154906	Pleasingly close (almost cuddly), at medium and high magnifications.
Eridanus	Dbl	03:54:18	-02°57'00"	54	SACDBL40	32 Eri		4.8	6.1	6.8		SAO130805, 32 Eri, SACDBL849, HD24555, HR1212, ADS2850, STF470	Yellow-orange and blue. A close pair, so use 100x or higher to see the colors more clearly.
Eridanus	Mult	04:15:16	-07°39'10"	49	BrightStar	Keid		4.4	9.4	83.4		SAO131063, HD26965, o Eri, 40 Eri,Keid, HR1325	
Gemini	Carbon, Dbl	06:10:53	+26°00'54"	83	SAO	TU Gem		7.4	9.5	0.4		SAO78066, GC7854, HD42272, TDS 3609	
Gemini	Dbl	07:34:36	+31°53'00"	89	SACDBL	Castor		2.0	8.8	72.5		STF 1110,CASTOR, SACDBL3703, ADS6175, 66 Gem, SAO60198, HR 2890	Comp: AC, Sky2K: 5, U2K: 100, Yr: 1835
Gemini	Open	06:09:00	+24°21'00"	81	Messier	M35	28	5.5			21.4	NGC2168	
Gemini	Triple	07:20:07	+21°58'56"	79	BrightStar	Wasat		3.5	5.5	0.2		SAO79294, Wasat, HD56986, δ Gem, 55 Gem, HR2777	

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Hercules	Dbl	18:01:30	+21°35'43"	78	BrightStar	95 Her		5.2	5.3	6.3		SAO85647, HD164668, 95 Her, HR6729, SAO85648	Inexplicably colorful. Nineteenth-century astronomer Admiral Smythe called them "apple-green" and "cherry-red." I see red and white. Given that their spectral classes are A5+G8, the pair is a sterling example of color contrast. A beautiful, low-magnification duo.
Hercules	Globular	16:41:41	+36°27'35"	87	Messier	M13	16.6	7.0			21.7	Hercules Globular Cluster, Great Hercules Cluster, NGC6205	JY: Best Globular in Northern Hemisphere
Hercules	Globular	17:17:07	+43°08'11"	80	Messier	M92	11.2	7.5			21.4	NGC6341	
Hercules	Mult	17:14:39	+14°23'25"	71	BrightStar	Rasalgethi		3.5	5.7	4.9		SAO102680, alp Her, 64 Her, HD156014, HR 6406, Rasalgethi, Ras Alethi, Rasaletgi	Radiant Rasalgethi is a red supergiant 475 times brighter than the Sun and makes for splendid contrast with its yellowish companion (M5+G5).
Hercules	Triple	16:08:04	+17°02'49"	74	BrightStar	Marfak		5.0	6.2	28.1		SAO101951, Maasym, Marsic, HD145001, κ Her, 7 Her, HR6008, Marfak	
Hydra	Carbon	09:51:04	-23°01'02"	34	Carbon	Y Hya		6.5				SAO 178088, HIP 48327, HD 85405, CGCS2641, 0951-2301	Ref: The Reddest Stars
Hydra	Carbon	10:37:33	-13°23'04"	43	BrightStar	U Hya		4.8				SAO156110, HD92055, HR4163, HIP 52009	Ref: 22 Reddest Carbon Stars
Hydra	Carbon, Dbl	10:51:37	-21°15'02"	35	SAO	V Hya		6.0	11.6	45.3		SAO179278, GC14929, BU 1428	Ref: 22 Reddest Carbon Stars
Hydra	Dbl	11:32:16	-29°15'48"	27	BrightStar	HR 4443		5.8	5.9	9.3		SAO179967, HD100286	
Hydra	Galaxy	13:37:00	-29°51'51"	27	Messier	M83	13.1x12.2	8.0			22.1	Southern Pinwheel Galaxy, NGC5236	
Hydra	Globular	12:39:28	-26°44'32"	30	Messier	M68	12	9.0			23.0	NGC4590	
Hydra	Mult	08:46:47	+06°25'08"	63	BrightStar	11 Hya		3.4	4.3	0.2		SAO117112, eps Hya, 11 Hya, HD74874	
Hydra	Open	08:13:43	-05°45'00"	51	Messier	M48	54	5.5			22.8	NGC2548	
Leo	Dbl	10:16:16	+17°44'25"	74	BrightStar	HR4028		6.6	6.8	1.1		SAO99032, HD88987, HR4028, STT251	
Leo	Dbl	10:55:37	+24°44'59"	81	BrightStar	54 Leo		4.5	6.4	6.5		54 Leo, SAO81583, HD94601	
Leo	Galaxy	10:08:24	+12°18'00"	69	SACDSO8_1	Leo I	10.7x8.3	10.2			23.7	UGC5470	
Leo	Galaxy	10:43:58	+11°42'13"	68	Messier	M95	7.3x4.4	10.6			23.0	NGC3351, UGC5850	
Leo	Galaxy	10:46:46	+11°49'12"	68	Messier	M96	7.8x5.2	10.1			22.7	NGC3368, UGC5882	
Leo	Galaxy	10:47:50	+12°34'55"	69	Messier	M105	5.3x4.8	10.5			22.6	NGC3379, UGC5902	
Leo	Galaxy	11:18:56	+13°05'31"	70	Messier	M65	9x2.3	10.1			22.0	Leo Triplet, NGC3623, UGC6328, Leo Triplet [1]	
Leo	Galaxy	11:20:15	+12°59'26"	70	Messier	M66	9.1x4.1	9.7			22.3	Leo Triplet, NGC3627, UGC6346, Leo Triplet [2]	
Leo	Galaxy	11:20:17	+13°35'19"	70	NGC	NGC3628	14.8	9.5			24.0	Leo Triplet [3]; The Hamburger Galaxy	
Leo	Mult	10:19:58	+19°50'30"	77	BrightStar	41 Leo		2.6	3.8	4.5		SAO81298, gam Leo, 41 Leo, HD89484	
Leo	Mult	10:19:58	+19°50'30"	77	BrightStar	Algieba		2.6	3.8	4.5		SAO81298, Algieba, HD89484, γ Leo, 41 Leo, ALDS42, HR4057	
Lepus	Carbon	04:59:36	-14°48'21"	42	BrightStar	R Lep		7.7				SAO150058, HD31996, HR1607, HIP23203, Hind's Crimson Star	Ref: 22 Reddest Carbon Stars
Lepus	Globular	05:24:11	-24°31'29"	32	Messier	M79	8.7	8.5			21.8	NGC1904	
Lepus	Open	05:39:16	-17°50'58"	39	NGC Acc.	NGC2017						NGC2017	
Lepus	Triple	05:44:28	-22°26'54"	34	BrightStar	13 Lep		3.6	6.1	96.5		SAO170759, HD38393, γ Lep, 13 Lep, HR1983	Striking gold and green! Of course, since there are no green stars, we know perception alone is at play.

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Lynx	Carbon	07:28:12	+45°59'27"	77	SAO	Y Lyn		6.9				SAO41784, HD 58521, HIP 36288, GC9951, HD58521	REF: 22 Reddest Carbon Stars
Lynx	Dbl	09:18:48	+36°48'00"	87	SACDBL40	38 Lyn		3.9	6.6	2.7		SAO61391, 38 Lyn, SACDBL1235, HR3690	STF1334, CoCo; Gr/B
Lynx	Mult	06:46:14	+59°26'30"	64	BrightStar	12 Lyn		4.9	5.5	1.7		SAO25939, HD48250, 12 Lyn, HR2470, HR2470	
Lyra	Carbon	18:32:20	+36°59'57"	86	SAO	T Lyr		7.8				SAO67087, GC25326, T Lyrae, HIP 90883	Ref: 22 Reddest Carbon Stars
Lyra	Dbl	18:44:46	+37°36'18"	86	BrightStar	6 Lyr		4.4	5.8	43.7		SAO67321, HD173648, ζ Lyr, 6 Lyr, HR7056	
Lyra	Globular	19:16:36	+30°11'02"	87	Messier	M56	7.1	9.5			22.4	NGC6779	
Lyra	Mult	18:44:18	+39°40'00"	84	SACDBL40	Double Double		5.0	6.1	2.6		SAO67310, ε Lyr, Double Double, 4 Lyr, SACDBL1250	JY: 4 star system good telescope check. Usually cannot resolve the 2nd pair
Lyra	P Neb	18:53:35	+33°01'44"	90	Messier	M57	2.5	9.5			20.1	Ring Nebula, NGC6720	
Monoceros	Carbon	06:48:22	+05°32'30"	62	SAO	V613 Mon		8.3				SAO114437, HD49368HIP 32627	
Monoceros	E Neb	06:30:18	+05°03'00"	62	NGC	NGC2237						NGC2237	
Monoceros	Mult	06:28:49	-07°01'58"	50	BrightStar	11 Mon		4.6	5.1	7.1		SAO133316, bet Mon, 11 Mon, HD45725, SAO 133317, HR2358	
Monoceros	Open	07:02:42	-08°23'00"	48	Messier	M50	16	7.0			21.6	Heart-shaped Cluster, NGC2323	
Ophiuchus	Carbon, Dbl	16:26:44	-12°25'37"	44	SAO	V Oph		6.9	9.4	0.2		SAO159916, GC22115, HD148182 HIP 805550, HDS 2325	
Ophiuchus	Dbl	18:05:30	+02°30'00"	59	SACDBL40	70 Oph		4.2	6.0	5.2		SAO123107, SACDBL1389	Two colorful K-type dwarfs with a separation that varies from 1.5" to 6.8" over a period of 88 years. They were closest in 1989 and will be farthest apart in 2024. If you're young put this star at the top of your list, as you might have the rare privilege of seeing the companion complete much of its orbit around the main star during your lifetime.
Ophiuchus	Globular	16:32:32	-13°03'11"	44	Messier	M107	10	10.0			23.6	NGC6171	
Ophiuchus	Globular	16:47:14	-01°56'52"	55	Messier	M12	14.5	8.0			22.4	Gumball Globular, NGC6218	
Ophiuchus	Globular	16:57:09	-04°05'56"	53	Messier	M10	15.1	7.5			22.0	NGC6254	
Ophiuchus	Globular	17:01:13	-30°06'45"	27	Messier	M62	14.1	8.0			22.4	Flickering Globular, NGC6266	
Ophiuchus	Globular	17:02:38	-26°16'04"	30	Messier	M19	13.5	8.5			22.8	NGC6273	
Ophiuchus	Globular	17:19:12	-18°30'58"	38	Messier	M9	9.3	9.0			22.5	NGC6333	
Ophiuchus	Globular	17:37:36	-03°14'43"	53	Messier	M14	11.7	9.5			23.5	NGC6402	
Ophiuchus	Mult	16:30:55	+01°59'02"	59	BrightStar	Marfik		3.8	4.8	1.2		SAO121658, Marfik, HD148857, λ Oph, 10 Oph, HR6149	
Ophiuchus	Open	17:46:30	+05°39'00"	62	IC	IC 4665	41	4.2			20.9		
Ophiuchus	Open	18:27:15	+06°30'30"	63	NGC	NGC 6633	27	4.6			20.4		
Orion	Carbon	05:05:24	+01°10'39"	58	BrightStar	W Ori		6.2				SAO112406, HD32736, HR1648, HIP 23680	Ref: 22 Reddest Carbon Stars
Orion	Carbon	06:25:28	+14°43'19"	71	BrightStar	BL Ori		6.2				SAO95659, HD44984, HR2308, HIP 30564	Ref: The Reddest Stars
Orion	D Neb	05:35:31	-05°16'03"	51	Messier	M43	20	9.0			24.1	De Mairan's Nebula (Orion Nebula Extension), NGC1982	
Orion	D Neb	05:46:45	+00°04'48"	57	Messier	M78	8	8.0			21.1	NGC2068	
Orion	Dbl	05:30:47	+05°56'53"	63	BrightStar	32 Ori		4.2	5.5	0.9		SAO112849, HD36267, 32 Ori, HR1839	
Orion	Dbl	05:35:00	-06°00'00"	51	Struve	STF747		4.8	5.7	35.8			

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Orion	Dbl	05:35:06	+09°56'00"	67	AL Dbl	ALD522		3.6	5.5	4.4		Meissa	
Orion	Dbl	05:35:16	-05°23'23"	51	Meade	Trapezium		6.7	7.7	117.0		Trapezium, SAO132314, GCVS601016, The 1 Ori, 41 Ori, V1016 Ori, Meade286, HR 1896	
Orion	Dbl	05:38:42	-02°36'00"	54	AL Dbl	ALD526		4.0	7.5	9.0		Sigma Orionis	
Orion	Dbl	05:48:00	+06°27'15"	63	BrightStar	52 Ori		5.3	5.4	1.4		SAO113150, HD38710, 52 Ori, HR1999	
Orion	E Neb	05:35:16	-04°49'15"	52	NGC Acc.	NGC1977	20					NGC1977	
Orion	E Neb	05:47:12	+00°18'00"	57	NGC	NGC2071	4					NGC2071	
Orion	E Neb	06:09:42	+20°30'00"	77	NGC	NGC2174	40					NGC2174	
Orion	Mult	05:14:32	-08°12'06"	48	BrightStar	Rigel		0.1	6.6	9.5		SAO131907, bet Ori, 19 Ori, HD34085, Rigel	
Orion	Mult	05:24:29	-02°23'49"	54	BrightStar	28 Ori		3.4	4.8	1.5		SAO132071, HD35411, η Ori, 28 Ori, HR1788	
Orion	Mult	05:35:08	+09°56'03"	67	BrightStar	39 Ori		3.5	5.5	4.4		SAO112921, lam Ori, 39 Ori, HD36861, Heka	
Orion	Open	05:35:09	-04°25'54"	52	NGC	NGC1981	25	4.6			20.2		
Orion	Open+D Neb	05:35:16	-05°23'25"	51	Messier	M42	66	4.0			21.7	Great Orion Nebula, Orion A, NGC1976, Trapezium	JY: The Great Orion Nebula. Best Nebula in the Northern Hemisphere
Orion	Triple	05:32:00	-00°17'04"	56	BrightStar	34 Ori		6.8	11.4	51.7		SAO132221, del Ori, 34 Ori, HD36485	
Orion	Triple	05:35:26	-05°54'36"	51	BrightStar	Nair al Saif		2.8	7.3	11.4		SAO132323, lot Ori, 44 Ori, HD37043, Hatsya, Nair Saif	Two pure white suns. No color difference, so no false contrast here!
Orion	Triple	05:40:46	-01°56'34"	55	BrightStar	Alnitak		2.0	4.2	2.4		SAO132444, Alnitak, HD37742, ζ Ori, 50 Ori, HR1948	
Pegasus	Globular	21:29:58	+12°10'02"	69	Messier	M15	12.3	7.5			21.6	Great Pegasus Cluster, NGC7078	
Perseus	Dbl	02:50:42	+55°54'00"	67	AL Dbl	ALD512		3.8	8.5	28.3		Miram	
Perseus	Dbl	03:00:52	+52°21'06"	71	BrightStar	HR 890		5.3	6.7	11.9		SAO23763, HD18537	
Perseus	Dbl	03:08:10	+40°57'20"	82	SAO	Algol		2.9	12.7	58.5		SAO38592, GC3733, HD19356	
Perseus	Dbl	03:24:19	+49°51'40"	73	BrightStar	HR1017		1.8	11.8	167.0		Alp Per, 33 Per, SAO38787, HD20902, Mirfak	
Perseus	Mult	02:50:42	+55°53'44"	67	BrightStar	Miram		3.8	8.5	28.3		SAO23655, HD17506, η Per, 15 Per, HR834, Eta Per	Reddish-orange and blue-green. A splendid color mix and yet another example of complementary color.
Perseus	Open	02:19:00	+57°07'42"	66	NGC	NGC869	30	4.0			20.0	Chi Persei [2], Double Cluster [2], h Persei, Perseus Double Cluster [2]	! Cl, vVL, vRi, st 7...14
Perseus	Open	02:19:04	+57°08'53"	66	DeepMap	DMSH458	30	4.5			20.5	NGC869, Sword Of Perseus/double Cluster/h Persei	
Perseus	Open	02:22:29	+57°06'48"	66	DeepMap	DMSH459	30	4.5			20.5	NGC884, Sword Of Perseus/double Cluster/chi Persei	
Perseus	Open	02:42:05	+42°45'42"	81	Messier	M34	35	6.0			22.3	Spiral Cluster, NGC1039	
Perseus	P Neb	01:42:18	+51°34'15"	72	Messier	M76	4.8	12.0			24.0	Little Dumbbell Nebula, NGC650, Apple Core Nebula [1]	
Pisces	Carbon	01:16:05	+25°46'10"	82	Carbon	Z Psc		6.7				Z Psc, HD 7561, SAO 74593, HIP 5914, CGCS198, 0116+2546	Ref: 22 Reddest Carbon Stars
Pisces	Carbon	23:46:24	+03°29'12"	60	BrightStar	TX Psc		5.0				SAO128374, HD223075, 19 Psc, HR9004, HIP117245	Ref: The Reddest Stars
Pisces	Dbl	02:02:03	+02°45'49"	59	BrightStar	113 Psc		5.2	6.2	2.0		alp Psc, 113 Psc, HD12446, HR596, SAO110291	
Pisces	Galaxy	01:36:42	+15°47'01"	72	Messier	M74	10x9.4	9.8			23.4	The Phantom, NGC628, UGC1149, Phantom, The	
Puppis	Open	07:36:35	-14°29'00"	42	Messier	M47	30	4.5			20.5	NGC2422	

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Puppis	Open, PN	07:41:46	-14°48'36"	42	Messier	M46	27	6.5			22.3	NGC2437	JY: Dim Planetary Neb embedded in Cluster
Puppis	Open	07:44:30	-23°51'24"	33	Messier	M93	22	6.5			21.8	NGC2447, Butterfly Cluster	
Sculptor	Carbon, Dbl	01:26:58	-32°32'35"	24	Carbon	R Scl		6.2	19.9	10.0		R Scl, SAO193122, HR 423, HD 8879, HIP 6759, LDS 2199, CGCS234, 0126-3232	Ref: 22 Reddest Carbon Stars
Sculptor	Galaxy	00:47:33	-25°17'18"	31	NGC	NGC253	25.1	7.1			22.7	Sculptor Galaxy	
Scorpius	Dbl	16:29:24	-26°25'55"	30	BrightStar	21 Sco		1.0	5.2	2.9		Antares, SAO184415, HD148478, α Sco, 21 Sco, SACDBL7344, HR6134	
Scorpius	Globular	16:17:03	-22°58'32"	34	Messier	M80	8.9	8.5			21.9	M80, NGC6093	
Scorpius	Globular	16:23:35	-26°31'35"	30	Messier	M4	26.3	7.5			23.2	Cat's Eye, NGC6121	
Scorpius	Mult	16:04:22	-11°22'23"	45	BrightStar	HR 5978		4.8	5.0	1.2		SAO159665, ξ Sco, HD144070	
Scorpius	Mult	16:05:26	-19°48'20"	37	BrightStar	Graffias		2.6	3.9			SAO159682, β Sco, 8 Sco, HD144217, Acrab, Graffias, HR5984	Love at first sight. Beautiful, bright pair for low magnification. Some observers report yellow and blue, but they're near equals with B1+B2.
Scorpius	Mult	16:12:00	-19°27'38"	37	BrightStar	Jabbah		4.0	6.5	41.1		SAO159764, Jabbah, HD145502, ν Sco, 14 Sco, HR6027	Spectacular quadruple star, the Double Double of the southern summer sky. A good test for a 4-inch.
Scorpius	Open	16:54:10	-41°49'30"	15	NGC	NGC 6231	15	2.6			17.1	Table of Scorpius	
Scorpius	Open	17:40:20	-32°15'12"	24	Messier	M6	15	4.5			19.0	Butterfly Cluster, NGC6405	
Scorpius	Open	17:53:51	-34°47'36"	22	Messier	M7	80	3.5			21.6	Scorpion's Tail, Ptolemy's Cluster, NGC6475	
Scutum	Carbon, Dbl	18:50:18	-07°54'00"	49	SACDBL40	S Sct		7.5	12.0	14.4		SAO142674, SACDBL1807, HR 7089, HD174325, HIP 92442, ADS 11726	Ref: The Reddest Stars
Scutum	Open	18:45:18	-09°23'00"	47	Messier	M26	15	9.5			24.0	NGC6694	
Scutum	Open	18:51:05	-06°16'12"	50	Messier	M11	14	7.0			21.4	Wild Duck Cluster, Scutum Salt-and-Pepper Cluster, NGC6705, July Salt-and-Pepper	
Serpens	Globular	15:18:34	+02°05'35"	59	Messier	M5	17.4	7.0			21.8	M5, NGC5904	
Serpens	Open	18:38:54	+05°27'00"	62	IC	IC 4756	52	5.0			22.2		
Serpens	Open+D Neb	18:18:48	-13°48'24"	43	Messier	M16	35	6.5			22.8	Eagle Nebula, Star Queen Nebula, The Ghost, NGC6611	
Sagitta	Globular	19:53:46	+18°46'42"	75	Messier	M71	7.2	8.5			21.4	NGC6838	
Sagittarius	Globular	18:24:33	-24°52'07"	32	Messier	M28	11.2	8.5			22.4	NGC6626	
Sagittarius	Globular	18:31:23	-32°20'51"	24	Messier	M69	7.1	9.0			21.9	NGC6637	
Sagittarius	Globular	18:36:24	-23°54'17"	33	Messier	M22	24	6.5			22.0	Great Sagittarius Cluster, Crackerjack Cluster, NGC6656	
Sagittarius	Globular	18:43:12	-32°17'27"	24	Messier	M70	7.8	9.0			22.1	NGC6681	
Sagittarius	Globular	18:55:03	-30°28'47"	26	Messier	M54	9.1	8.5			21.9	NGC6715	
Sagittarius	Globular	19:40:00	-30°57'44"	26	Messier	M55	19	7.0			22.0	NGC6809	
Sagittarius	Globular	20:06:05	-21°55'19"	35	Messier	M75	6	9.5			22.0	NGC6864	
Sagittarius	Open	17:57:04	-18°59'06"	38	Messier	M 23	27	6.0			21.8	NGC6494	
Sagittarius	Open	18:04:13	-22°29'24"	34	Messier	M21	13	7.0			21.2	NGC6531	
Sagittarius	Open	18:18:26	-18°24'24"	38	Messier	M24	80x35	4.5			21.7	Small Sagittarius Star Cloud, NGC6603, Delle Caustiche	
Sagittarius	Open	18:19:58	-17°06'07"	40	Messier	M18	9	8.0			21.4	Black Swan, NGC6613	
Sagittarius	Open	18:31:42	-19°07'00"	38	Messier	M25	40	6.5			23.1		
Sagittarius	Open+D Neb	18:02:42	-22°58'18"	34	Messier	M20	29	5.0			20.9	Trifid Nebula, The Clover, NGC6514	

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Sagittarius	Open+D Neb	18:03:41	-24°22'48"	32	Messier	M8	90	5.0			23.4	Lagoon Nebula, Dragon Nebula, NGC6523	
Sagittarius	Open+D Neb	18:20:47	-16°10'18"	41	Messier	M17	46	7.0			23.9	Omega Nebula, Swan Nebula, Horseshoe Nebula, NGC6618, Checkmark Nebula	
Taurus	Carbon	05:45:39	+20°41'42"	77	Carbon	Y Tau		6.9				SAO 77516, HR 1977, HD 38307, HIP 27181, CGCS1042, 0545+2041	Ref: The Reddest Stars
Taurus	Open	03:44:31	+24°07'00"	81	DeepMap	DMSH564	120	1.6			20.6	M45, Pleiades, Seven Sisters, Subaru	
Taurus	Open	03:47:30	+24°07'00"	81	Messier	M45	120	1.6			20.6	Pleiades, Seven Sisters, Subaru, Pleiades, Seven Sisters, Subaru	JY: Best open cluster in Northern Sky with faint nebulosity
Taurus	SNR	05:34:32	+22°00'52"	79	Messier	M1	6x4	8.4			20.5	Crab Nebula, Taurus A, NGC1952, CM Tauri, Crab Nebula, Crab Pulsar, Taurus A	
Triangulum	Dbl	02:12:22	+30°18'11"	87	BrightStar	6 Tri	0	4.9	6.5	3.8		6 Tri, SAO55347, HD13480	
Triangulum	Galaxy	01:33:51	+30°39'37"	87	Messier	M33	68.7x41.6	6.2			23.5	Triangulum Galaxy, Pinwheel Galaxy, NGC598, UGC1117, Pinwheel Galaxy, Triangulum Galaxy, Triangulum Pinwheel Galaxy	JY: Face on large galaxy, Dark sky required
Ursa Major	Carbon	10:45:04	+67°24'41"	56	BrightStar	VY UMa		6.0			999.0	SAO15274, HD92839, HR4195, HIP 52577	Ref: The Reddest Stars
Ursa Major	Dbl	12:22:12	+58°05'00"	65	Messier	M40	1	8.7			17.3	Winnecke 4, Winnecke 4 (WNC4), WNC 4 (Winnecke 4)	
Ursa Major	Dbl	13:23:56	+54°55'31"	68	Meade	Mizar		2.3		13.8		Mizar, SAO28737, Zet 1 Uma, 79 Uma, Alcor, 79 & 80 UMa, HR5054 & HR5062, SAO2851	JY: Nice double easy to find
Ursa Major	Galaxy	09:55:33	+69°03'56"	54	Messier	M81	24.9x11.5	7.8			22.6	Bode's Galaxy, NGC3031, UGC5318, Bode's Galaxies (Nebulae) [1]	JY: M81 & M82 nice pair visable in low mag
Ursa Major	Galaxy	09:55:53	+69°40'50"	54	Messier	M82	10.5x5.1	9.2			22.2	Cigar Galaxy, Ursa Major A, NGC3034, UGC5322, Cigar Galaxy, Ursa Major A	JY: M81 & M82 nice pair visable in low mag
Ursa Major	Galaxy	11:11:31	+55°40'26"	68	Messier	M108	8.6x2.4	10.6			22.5	NGC3556, UGC6225	
Ursa Major	Galaxy	11:57:36	+53°22'29"	70	Messier	M109	7.5x4.4	10.6			23.0	NGC3992, UGC6937	
Ursa Major	Galaxy	14:03:13	+54°20'56"	69	Messier	M101	28.5x28.3	8.2			24.1	Pinwheel Galaxy, NGC5457, UGC8981	
Ursa Major	P Neb	11:14:48	+55°01'08"	68	Messier	M97	3.2	12.0			23.2	Owl Nebula, NGC3587	
Ursa Minor	Mult	02:31:49	+89°15'51"	34	BrightStar	Polaris		2.0	8.8	18.4		SAO308, alp UMI, 1 UMI, HD8890, Alrucaba, Polaris, Lodestar, Navigatoria, North Star, HR424	JY: Nice double easy to find
Virgo	Carbon	12:25:14	+00°46'12"	57	Carbon	SS Vir		6.0				HD 108105, TYC 0282-0716-1, CGCS3236, 1225+0046	Ref: 22 Reddest Carbon Stars
Virgo	Galaxy	12:21:55	+04°28'23"	61	Messier	M61	6.5x5.9	10.1			22.7	Swelling Spiral, NGC4303, UGC7420	
Virgo	Galaxy	12:25:04	+12°53'12"	70	Messier	M84	6.7x6	10.2			22.8	NGC4374, UGC7494, Markarian's Chain	
Virgo	Galaxy	12:26:12	+12°56'46"	70	Messier	M86	9.8x6.3	9.9			23.0	NGC4406, UGC7532	
Virgo	Galaxy	12:27:40	+13°04'45"	70	NGC	NGC4435	3	10.9			21.9	Eyes [1]	
Virgo	Galaxy	12:27:46	+13°00'32"	70	NGC	NGC4438	9.3	10.1			23.6	Eyes [2]	
Virgo	Galaxy	12:29:47	+08°00'01"	65	Messier	M49	9.8x8.2	9.3			22.7	NGC4472, UGC7629	
Virgo	Galaxy	12:30:49	+12°23'27"	69	Messier	M87	8.7x6.6	9.6			22.6	Smoking Gun, Virgo A, NGC4486, UGC7654, Smoking Gun, Virgo A	
Virgo	Galaxy	12:35:40	+12°33'23"	69	Messier	M89	5.3x4.8	10.9			23.0	NGC4552, UGC7760	
Virgo	Galaxy	12:36:50	+13°09'48"	70	Messier	M90	9.9x4.4	10.2			22.9	NGC4569, UGC7786	
Virgo	Galaxy	12:37:44	+11°49'06"	68	Messier	M58	6x4.8	10.4			22.7	NGC4579, UGC7796	
Virgo	Galaxy	12:39:59	-11°37'23"	45	Messier	M104	8.6x4.2	9.2			21.7	Sombrero Galaxy, NGC4594	JY: Edge on, nice galaxy (Dark Sky)
Virgo	Galaxy	12:42:02	+11°38'48"	68	Messier	M59	5.3x4	10.7			22.6	NGC4621, UGC7858	
Virgo	Galaxy	12:43:40	+11°33'08"	68	Messier	M60	7.6x6.2	9.8			22.6	NGC4649, UGC7898	

Yoders Astronoical Targets
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Constellation	Type	R.A.	DEC	Trans Alt	Catalogue	ID	Size	Mag1	Mag2	Sep	S.B.	Name	User Notes
Virgo	Galaxy	12:48:36	-05°48'02"	51	NGC	NGC4697	6	9.3			21.8		
Virgo	Galaxy	12:49:02	-08°39'53"	48	NGC	NGC4699	3.5	9.6			20.9		
Virgo	Galaxy	14:44:56	+01°57'18"	59	NGC	NGC5746	7.9	10.6			23.7		
Virgo	Mult	12:41:40	-01°26'58"	55	BrightStar	Porrima	0	3.7	3.8	4.1		SAO138917, Porrima, HD110379, γ Vir, 29 Vir, HR4825	
												Cr399, Coathangar or Brocchi's Cluster,4-5 Vulpeculae Cluster,Al Sufi's Cluster,Brocchi's Cluster,Coathanger Cluster	
Vulpecula	Open	19:25:24	+20°11'00"	77	DeepMap	DMSH5	60	3.6			21.1		
Vulpecula	Open	20:34:26	+28°17'00"	85	NGC	NGC 6940	31	6.3			22.4		
Vulpecula	P Neb	19:59:36	+22°43'15"	79	Messier	M27	15.2	7.5			22.0	Dumbbell Nebula, Apple Core, Diablo, Double-headed Shot Nebula, NGC6853,Apple Core Nebula,Diablo Nebula,Double-Headed Shot,Dumbbell Nebula	