

Updated 5/14/2017

Telescope

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Resource
1	Keystone		Cet	00h 23m	-23d 30'	7 to 8	105'	Small keystone shaped asterism	P.A.
2	Renou 18		Psc	01h 14m	30d 00'	9	18'	Looks like the letter 'S' from Superman	A
3	E.T.	NGC-457	Cas	01h 19m	58d 20'	5 to 10	30'	Also known as the Owl Cluster. Stick figure with 2 bright stars as eyes.	P.A.
4	Spatula		Psc	01h 35m	08d 00'	6 to 10	90'	Four stars form the blade. Five stars curve to form the handle. Located between star 110 and star 96 Piscium.	P.A.
5	David's 'D'		Tri	01h 50m	27d 04'		6'	13 stars form a capital letter 'D'	Internet
6	Pouring Cup		Cet	02h 12m	08d 30'	6 to 10	90'	Stars 65 and 64 Ceti are the front of cup facing east with 3 stars between them. One more star past star 64 starts the bottom. About 6 stars create a handle opposite of stars 64 and 65. 3 of them curve up to 2 brighter stars that line up east/west to crea	P.A.
7	Engagement Ring		UMi	02h 32m	89d 16'	10	105'	Stars form a circle with Polaris as the diamond.	A.
8	Kemble's Kite	Measuring Scoop	Cas	03h 27m	71d 50'	8.5	75'	Diamond shaped kite with tail.	A
9	Chi 1, 2, 3		For	03h 30m	-35d	6	30'x30'	3 stars in a triangle.	A
10	Letter "F"		Eri	03h 38m	-07d 45'	8 to 11	60'	Backwards 'F'. Located 2 degrees south of star 21 Eridani.	P.A.
11	Letter "D"		Eri	03h 39m	-01d 45'	9.5	30'	Composed of 8 stars, 6 degrees north of "Letter F" asterism. Top of asterism faces west.	P.A.
12	Fish Hook		Tau	04h 25m	21d 15'	8 to 9.5	90'	3 Degrees north of Hyades. Star 56 Tauri is the end of hook. Stars 72 and 69 Tauri are the loop.	P.A.
13	Double Triangle		Tau	04h 32m	17d	3 to 6	60'x60'	6 stars form an equilateral triangle. 2 stars at each point. Part of Hyades star cluster.	T.S.
14	Elosser 1		Ori	04h 50m	07d 51m	7	21'	Sits halfway between Pi ² and Pi ³ Orionis. 13 stars hooked around a golden 9th magnitude star.	S&T - Feb '12
15	Leaping Minnow	Melotte 31	Aur	05h 19m	33d 40'	6	75'	Includes stars 16, 18, and 19 Aurigae. Looks like a mini Delphinus.	A.
16	Dolidze 17 - Metronome	Stratton 2	Ori	05h 22m	07d 05'	7 to 8	12'x17'	Consists of 6 stars. 5 of which has the appearance of a capitol Sigma. The 6th star provides the top of the metronome.	S&T - Feb '16
17	Smiley Face	Cheshire Cat	Aur	05h 27m	35d 00'	5 to 7	60'x30'	30 arcminutes south of cluster M 38. Curved chain of 8 stars form smile with two eyes.	A

18	Barbecue Fork		Tau	05h 43m	21d 20'	9 to 11.5	90'	Close string of stars that run east/west are the handle with a line of stars that curve upward and downward for the fork prongs. 2 stars on the west side that are north/south end the handle.	P.A.
19	Funnel		Lep	05h 46m	-15d 40'	9.5 to 10.5	30'	1 degree south of star 14 Leporis. 7 stars comprise this asterism.	P.A.
20	"37"	NGC 2169	Ori	06h 08m	13d 57'	6	7'	Open cluster shows a number '37'.	Internet
21	Nagler 1		CMa	06h 22m	-26d 28'	7 to 10	16'x48'	In the shape of a chevron. Located just above galaxy NGC 2217 in Canis Major.	A
22	Arrowhead	Unicorn's Horn	Mon	06h 40m	-09d 00'	8	15'	Six blue/white stars in the shape of a triangle.	A
23	Christmas Tree	NGC 2264	Mon	06h 41m	09d 40'	9.5	30'	Upside down triangle of stars.	P.A
24	Pakan's 3		Mon	06h 52m	-10d 10'	9.5 to 11.5	60'	Located 3 degrees southwest of cluster M 50. Has the shape of a number '3'.	A
25	Little Leo	Lovett 1	Gem	07h 50m	28d 47'	6 to 7	60'x35'	Looks similar to constellation Leo. 8 stars in the shape of a '7', 2 stars in the middle for body, 2 more angled for the end.	
26	Ray's Shrimp	Howard 1	Pup	08h 11m	-14d 22'	7.6 to 10.9	15'x6'	1.5 degrees south of 19 Pup. Nose of shrimp is brightest star, tip of tail is the westernmost star.	R.H.
27	Levy 384		Pup	08h 15m	-13d 58'	N/A	2'	Compact asterism. Tight group of stars, no shape.	O.H. - '09
28	Inchworm		Lyn	09h 05m	38d 16'	4	46'	11 stars total. 2 stars form a curve in the middle, one of which is HD 77912.	S&T - Mar '10
29	Greg's '3'		Leo	09h 38m	15d 17'		16'x12'	9 stars form a number '3'	Internet
30	Spade		UMa	09h 42m	53d 20'	9.5 to 10.5	60'	3 stars are visible in the handle. The upper side is shaped by 8 stars. 1.6 degrees southwest of Phi Ursae Majoris.	P.A. / A.
31	The Heart		Hya	09h 43m	-13d 50'	10 to 11.5	45'	8 stars show the basic shape. Less than a degree northeast of star 38 Hydrae.	P.A.
32	Camel	French 2	Hya	10h 07m	-24d 55'	7-11	39'	11 stars in the shape of a camel facing west. Brightest star marks the top of it's head.	S&T - Apr '13
33	Sailboat		LMi	10h 14m	31d 30'	7	45'	7 stars, 3 above 4, make up the hull. Bottom of the hull is north. 3 stars create the mast. It also contains the star 22 Leonis.	A
34	A	Weisman 1	Sex	10h 20m	03d 07"	9-11	11'	5 stars in the shape of a Chevron	B.W.
35	Rinnan's Run		Sex	10h 46m	03d 26'	9 to 10	180'	Row of stars, with a small curve on the upper side.	A
36	Broken Engagement Ring		UMa	10h 51m	56d 09'	7	20'	About 10 stars visible. West of Beta Ursa Majoris. Stars form an incomplete circle.	A.

37	Virgo Diamond		Vir	12h 33m	-0d 39'	10.5	.8'	Sits 2.2 degrees west-northwest of Porrima. 4 stars in shape of diamond.	S&T - Apr '14
38	Stargate		Crv	12h 36m	-12d 02'	6 to 11	15'	1 degree southwest from M 104. Shape of a triangle within a triangle.	A.
39	Jaws	Ty's Oil Can	Vir	12h 39m	-11d 25'	9 to 11.5	30'	3 brightest stars of this asterism form the jaws of the shark with 6 more that curve to make the body. Very close to M104.	P.A.
40	Curved Arrow		Com	12h 53m	19d 30'	9.5	45'	5 stars show curve stem. 5 stars make arrow. 1.5 degrees south of star 35 Comae Berenices.	P.A.
41	Ferrero 6	Eiffel Tower	UMa	13h 10m	57d 31'	7	28'x20'	Asterism in the shape of the Eiffel Tower	A.
42	Sand Shovel		Com	13h 15m	19d 00'	9	90'	8 stars form the shovel, and 4 stars shape the handle. Just above M53.	P.A.
43	Gas Pump Handle		UMa	13h 38m	52d 50'	7.5 to 9.5	45'	5 stars make up the basic shape, and 3 more stars create the nozzle. Located between Mizar and Alkaid.	P.A.
44	Picot 1	Napoleon's Hat	Boo	14h 14m	18d 33'	9 to 11	20'	7 stars form a chain that looks like the outline of a French Marshall's hat.	A.
45	Kangaroo		Boo	15h 00m	33d	7-11	113'x53'	19 stars total. 8 stars make a slight 's' shape for the back and tail, 6 more make the body and head, 1 for the nose, 1 for the arm, and 3 for the leg.	S&T Jun '13
46	Do Dz 5		Her	16h 27m	38d 04'	8	27'	4 curved stars with 2 stars inside of the curve, looks like an anchor	Internet
47	Mini Coathanger		UMi	16h 29m	80d 13'	10	15'	Straight line of 8 stars for the bar, 3 blue/white stars form the hook. Just above galaxy NGC 6217.	A.
48	Backwards 5		Her	16h 37m	30d 45'	7 to 10	20'	Find this asterism 1 degree southwest of Zeta Herculis. Shape of number '5'.	A.
49	Do Dz 6		Her	16h 45m	38d 21'	8	3.5'	4 faint stars curved with 2 brighter ones on one end. Looks like a tiny Scorpius	Internet
50	Shark		UMi	16h 45m	77d 50'	9	90'	2 degrees from the star 21 Ursae Minoris. 4 stars are the tail, chevron of 5 stars is the nose. 1 bright star, the fin.	P.A. / A.
51	Sudor Ophiuchi		Her	17h 08m	13d 02'	4	180'	8 stars make a curve, 5 stars make a chevron below the curve.	Internet
52	Do Dz 7		Her	17h 11m	15d 29'	10	10'	Looks like a sailboat. 6 curved stars make the hull, 1 star above for the mast, and 3 in a triangle for the sail.	Internet
53	Do Dz 8		Her	17h 26m	24d 12'	7	15'	Total of 7 stars with the shape of a five pointed star.	Internet
54	Butterfly	Messier 6	Sco	17h 40m	-32d 13'	6 to 10	30'	Looks like a butterfly viewed from the top.	Internet
55	Markov 1		Her	17h 57m	29d 29'	7	15'	Teapot shape of 9 stars. Northwest of the yellow star Xi Herculis.	A.

56	Chinese Kite		Her	17h 58m	45d 50'	8.5 to 11	90'	9 stars make up a circular kite. 4 stars make up 2 strings. 3 degrees east of star 85 Herculis.	P.A.
57	Webb's Wreath	Ruby Ring	Her	18h 02m	26d 18'	7	11'x7'	Wreath of 13 stars, a golden star forms the east side. About 2.7degrees southwest of the star Xi Herculis.	A.
58	Mini-Cas	Kemble 2	Dra	18h 35m	72d 18'	7 to 8	30'	Looks like a mini-Cassiopeia.	A.
59	Levy 157	Cane	Cyg	19h 48m	37d 43m	9	10'x20'	7 stars in the shape of a cane.	Internet
60	Tennis Racket		Aql	19h 50m	-04d 35'	7 to 9.5	45'	Located 3 degrees east of star 42 Aquilae. 2 stars form handle. 6 stars make up oval. Bright blue star is the ball.	P.A.
61	Meerscham Pipe		Cyg	19h 51m	30d 07'	9-12	22'	3/4° northwest of NGC 6834. 5 stars in line make the stem. 3 stars make up the bowl.	A.
62	Vultus Irrisorie		Cyg	19h 53m	47d 16'	6 to 8	84'	Shape of a smiley face. Located north west in constellation Cygnus.	A.
63	Arrowchain		Sge	19h 55m	17d 18'	9	36'	A chevron of 9 stars.	A.
64	Leiter 4		Sge	20h 01m	20d 03'	6	7'x5'	5 curved stars as a tail, with 6 stars in a square at the end.	S&T - Oct '10
65	Fairy Ring	Chaple's Arc	Cyg	20h 04m	38d 10'	7	22'	More like an arc than a complete ring, total of 7 stars.	A.
66	Red Necked Emu	Bent Fan	Cyg	20h 14m	36d 35'	5.5 to 10.5	30'	About 12 stars total. Side view of emu with an 'S' shape for head and body and 4 stars at a 90 degree angle make a foot. Bright star in the tail is 29 Cygni.	P.A. / A.
67	Patchik 56		Cyg	20h 24m	41d 37m	11	3.3'x2.2'	Small grouping, 2 stars above 4 stars, forms a trapezoid	S&T - Sept '12
68	Thompson 1		Del	20h 38m	11d 20'	9	6'	About 13 stars magnitude 10 to 13, and a distinctive triangle whose pointed end aims south - southwest.	S&T - Oct '09
69	HD 196944		Aqu	20h 41m	-06d 49m	6.6	23'	Christmas Tree shape, with tip pointed south. Total of 20 stars.	S&T - Oct '12
70	Poskus 1	Flyswatter	Del	20h 46m	16d 20'	10 to 11	6'	4 curved star with 2 more make the swatter, and 2 more make the handle	A.
71	M73		Aqu	20h 56m	-12d 50'	9	2.8 '	4 stars in shape of triangle.	Internet
72	Little Orion	Leiter 9	Cyg	20h 56m	43d 34'	10 to 11	45'	Looks like the main body of the Orion constellation.	A.
73	10 Aquarii		Aqu	21h 00m	-05d 35m	5.8	29'x15'	Elongated group of stars, with 1 bright one near the top	S&T Oct '12
74	Toadstool	French 1	Del	21h 07m	16d 20'	9 to 12	15'	13 stars total. Looks like a mushroom with 6 stars as the stem, (northeast) and 7 stars as the cap (southwest)	S&T Oct '09
75	Seedling		Peg	21h 43m	10d 20'	10	45'	1 half degree from star 8 Pegasi. Chevron of stars create root ball. Stars southeast create branches.	P.A.
76	Tobacco Pipe		Cep	22h 30m	70d 30'	8 to 9	90'	Stem of 8 stars, pointed north. Bowl of 5 stars on south end.	P.A.

77	Delphinus Minor		Peg	23h 03m	23d 12'	7 to 8	60'	Mini Delphinus located on the western (right) edge of the Square of Pegasus.	A.
78	Rocketship	Posey 1	Psc	23h 16m	-1d 35'	7-8	22'x50'	Composed of 3 stars making a triangle, with a close double star near it's center. Short line of 3 stars that make the rocket's flame.	D.P.
79	The Airplane	Party Balloon	Cas	23h 21m	62d 20'	9.5	75'	6 stars outlining double-convex lens, create wings. 5 stars that curve northward create fuselage and tail	A.
80	The Yacht		Cep	23h 25m	64d 15'	9 to 10	120'	Located 2 degrees north of star 4 Cassiopeiae. 14 stars show hull. 2 stars above hull create cabin. 6 stars in a triangle form sail.	P.A
81	TPK 1		And	23h 39m	47d 31'	9 to 12	23'x11'	Rough shape of a trapezium	A.

Binocular

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Resource
82	Home Plate		And	00h 07m	40d 35'	6 to 7	44'x31'	5 stars shaped like a pentagon	A.
83	Eddie's Coaster		Cas	01h 04m	63d 40'	7 to 8	3 deg	Wave of stars "reminiscent of a roller coaster"	E.C.
84	Kite		Cas	01h 40m	58d 30'	5 to 7	180'	Forms a rough pentagon shape	A.
85	Golf Putter		And	01h 52m	37d 30'	7	95'x25'	Line of stars with two brighter ones for the clubhead. NGC 752 is the ball.	A.
86	Question Mark		Cet	02h 36m	06d 42'	5 to 7	60'x120'	6 stars make a question mark, last star is Nu Ceti.	A
87	Northern Fly		Ari	02h 48m	28d	4	2 deg	Stars 35,39 and 41 Aretis.	Internet
88	Dipper Bowl	Messier 45	Tau	03h 47m	24d 18'	3 to 6	120'	4 stars create a bowl, 1 star for the handle.	
89	Kemble's Cascade		Cam	03h 57m	63d 00'	5 to 10	120'	"a beautiful cascade of faint stars tumbling from the northwest down to the open cluster NGC 1502"	Internet
90	Davis' Dog		Tau	04h 22m	21d 46'	5	206'x86'	15 stars. Omega Tauri as nose, 2 stars for the head and ears; one of which is star 56, Kappa 1 and 2 for the end, Upsilon and 72 Tauri for tail, 3 stars for hind legs, 4 stars for front leg, then stars 53 Tauri for bottom of head by mouth.	Internet
91	'S' in Orion's Belt		Ori	05h 30m	-01d	1-7	90'x90'	'S' shaped asterism between Epsilon and Delta Orionis.	S&T Mar '11
92	Boomerang		CMa	07h 05m	-26d	4-6	2 deg	Semi-circle of 8 to 10 stars centered around Delta Canis Majoris.	S&T Mar '13
93	Star Gun	Stratton 1	Mon	07h 15m	00d 00'	4 to 7	60'x180'	6 stars create barrel with Delta Monocerotis as muzzle and star 21 Monocerotis as front sight. 2 stars perpendicular on west side make grip.	T.S.
94	Umbrella		Hya	08h 40m	-12d 30'	8 to 9	90'	7 stars form the canopy, 6 stars for the handle that curves at the end. brightest star in handle is star 6 Hydrae.	P.A.

95	Fly and Fly Swatter	Biever 1	Hya	10h 37m	-13d 23'	6 to 7	2x3 deg	5 stars make the swatter, and 3 stars make the handle. "Carbon star U Hydrae is the fly about to be zapped by the flyswatter"	B.B.
96	Sea Horse		Hya	13h 10m	-23d 30'	9 to 10	105'	Psi Hydrae is the eye with a bright star above and below for the head. Bright star on the east side is nose. Chain of 7 brighter stars going south is the front with 4 bright stars that curve on the west side for back fin.	P.A.
97	Baby Scorpion		Hya	14h 48m	-26d 06'	5 to 8	300'	Smaller version of Scorpius facing the same direction, composed of 11 stars	S&T June '11
98	Taurus Poniatovii		Oph	18h 05m	03d	4-5	5 deg	Five stars: 66, 67, 68, 70, and 73 Ophiuchi. Resembles the V-shaped face of Taurus.	S&T Aug '13
99	Coat Hanger	Cr.399	Vul	19h 26m	20d 00'	7.5	90'	6 straight stars as the bar and 4 as the hook.	Internet
100	Herman's Cross	Terebellum	Sgr	20h 00m	-27d	4	2 deg	Stars create a cross. Omega, 59, 62, and 60 Sagittarii.	S&T Dec '13
101	Lucky 7		Cas	23h 03m	59d 30'	5 to 7	195'x70'	9 stars in the shape of a number '7'.	A.
102	Frederick's Glory		And	23h 30m	44d	4	3.5 deg	'Y' shape formed by Iota; Kappa; Lambda and Psi Andromadae	Internet

Naked-Eye

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Resource
103	Sickle		Leo	10h 10m	20d	2	9x15 deg	Formed by the stars Alpha, Eta, Gamma, Zeta, Mu, and Epsilon Leonis.	Internet
104	Big Dipper		UMa	12h 30m	55d	2	27x13 deg	Formed by the stars Alpha, Beta, Gamma, Delta, Epsilon, Zeta, and Eta Ursae Majoris.	Internet
105	Keystone		Her	17h 00m	33d	4	7x8 deg	Formed by the stars Epsilon, Zeta, Eta, and Pi Herculis.	Internet
106	Tea Pot		Sgr	18h 40m	-30d	3	15x9 deg	Formed by the stars Delta, Epsilon, Zeta, Phi, Lambda, Gamma, Sigma, and Tau Sagittarii,	Internet
107	Teaspoon		Sgr	19h 15m	-20d	3-4	8x2 deg	Stars Rho1, 43; Pi; Omega; Xi1 and Xi2 Sagittarii form a curved 'spoon' shape northeast of Teapot asterism.	Internet
108	Northern Cross		Cyg	20h 20m	40d	3 to 4	7x12 deg	Formed by the stars Alpha, Beta, Gamma, Delta, and Epsilon Cygni.	Internet
109	Job's Coffin		Del	20h 40m	15d	4	3x2 deg	Formed by the stars Alpha, Beta, Gamma, and Delta Delphinus.	Internet
110	Water Jar		Aqu	22h 30m	00d	4	4x4 deg	'Y' shaped; Zeta; Pi; Eta and Gamma Aquarii.	Internet
111	Circlet		Psc	23h 30m	04d	4-5	6 deg	Formed by the stars Theta, 7, Gamma, Kappa, Lambda, TX, and Iota Piscium.	Internet
112	Great Square		Peg	23h 40m	23d	2	17x15 deg	Formed by the stars Alpha, Beta, Gamma Pegasi, and Alpha Andromadae.	Internet

Key Notes

Updated 5/14/2017

P.A.: Pattern Asterisms by John A. Chiravalle
A.: Asterisms small star patterns for telescopes and binoculars by Demelza Ramakers
S&T: Sky and Telescope Magazine
B.B.: Observed and submitted by Barb Biever of Rancho Bernardo-Murrieta Astronomical Society
D.P.: Observed and submitted by Dan Posey of Austin Astronomical Society
T.S.: Observed and submitted by Troy Stratton of Salt Lake Astronomical Society
R.H.: Observed and submitted by Ray Howard of Eastbay Astronomical Society
E.C. Observed and submitted by Eddie Carpenter of Bristol A.S. and Cotswold A.S.
B.W. Observed and submitted by Bram Weisman of Houston Astronomical Society