

**Telescope**

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
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.	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 ' x 30 '	3 stars in a triangle.	A
10	Letter "F"		Eri	03h 38m	-07d 45'	8 to 11	1 °	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	1 °	6 stars form an equilateral triangle. 2 stars at each point. Part of Hyades star cluster.	T.S.

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14	Elosser 1		Ori	04h 50m	07d 51m	7	21 '	Sits halfway between Pi <sup>2</sup> and Pi <sup>3</sup> 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 ' x 17 '	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 ' x 30 '	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 endthe 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 ' x 48 '	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	1 °	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 ' x 35 '	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.	

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#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
26	Levy 384		Pup	08h 15m	-13d 58'	N/A	2 '	Compact asterism. Tight group of stars, no shape.	O.H. - '09
27	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
28	Greg's '3'		Leo	09h 38m	15d 17'		16 ' x 12 '	9 stars form a number '3'.	Internet
29	Spade		UMa	09h 42m	53d 20'	9.5 to 10.5	1 °	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.
30	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.
31	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
32	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
33	Rinnan's Run		Sex	10h 46m	03d 26'	9 to 10	3 °	Row of stars, with a small curve on the upper side.	A
34	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.
35	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
36	Stargate		Crv	12h 36m	-12d 02'	6 to 11	15 '	1 degree southwest from M 104. Shape of a triangle within a triangle.	A.
37	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.

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37	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.
38	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.
39	Ferrero 6	Eiffel Tower	UMa	13h 10m	57d 31'	7	28 ' x 20 '	Asterism in the shape of the Eiffel Tower.	A.
40	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.
41	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.
42	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.
43	Kangaroo		Boo	15h 00m	33d	7-11	113 ' x 53 '	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
44	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
45	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.
46	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.
47	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

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#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
48	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.
49	Sudor Ophiuchi		Her	17h 08m	13d 02'	4	3 °	8 stars make a curve, 5 stars make a chevron below the curve.	Internet
50	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
51	Do Dz 8		Her	17h 26m	24d 12'	7	15 '	Total of 7 stars with the shape of a five pointed star.	Internet
52	Butterfly	Messier 6	Sco	17h 40m	-32d 13'	6 to 10	30 '	Looks like a butterfly viewd from the top.	Internet
53	Markov 1		Her	17h 57m	29d 29'	7	15 '	Teapot shape of 9 stars. Northwest of the yellow star Xi Herculis.	A.
54	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.
55	Webb's Wreath	Ruby Ring	Her	18h 02m	26d 18'	7	11 ' x 7 '	Wreath of 13 stars, a golden star forms the east side. About 2.7 degrees southwest of the star Xi Herculis.	A.
56	Mini-Cas	Kemble 2	Dra	18h 35m	72d 18'	7 to 8	30 '	Looks like a mini-Cassiopeia.	A.
57	Levy 157	Cane	Cyg	19h 48m	37d 43m	9	10 ' x 20 '	7 stars in the shape of a cane.	Internet
58	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.
59	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.
60	Vultus Irrisorie		Cyg	19h 53m	47d 16'	6 to 8	84 '	Shape of a smiley face. Located north west in constellation Cygnus.	A.
61	Arrowchain		Sge	19h 55m	17d 18'	9	36 '	A chevron of 9 stars.	A.

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#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
62	Leiter 4		Sge	20h 01m	20d 03'	6	7' x 5'	5 curved stars as a tail, with 6 stars in a square at the end.	S&T - Oct '10
63	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.
65	Patchik 56		Cyg	20h 24m	41d 37m	11	3.3' x 2.2'	Small grouping, 2 stars above 4 stars, forms a trapezoid.	S&T - Sept '12
66	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
67	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
68	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.
69	M73		Aqu	20h 56m	-12d 50'	9	2.8'	4 stars in shape of triangle.	Internet
70	Little Orion	Leiter 9	Cyg	20h 56m	43d 34'	10 to 11	45'	Looks like the main body of the Orion constellation.	A.
71	10 Aquarii		Aqu	21h 00m	-05d 35m	5.8	29' x 15'	Elongated group of stars, with 1 bright one near the top.	S&T Oct '12
72	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
73	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.
74	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.
75	Delphinus Minor		Peg	23h 03m	23d 12'	7 to 8	1°	Mini Delphinus located on the western (right) edge of the Square of Pegasus.	A.

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#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
76	Rocketship	Posey 1	Psc	23h 16m	-1d 35'	7-8	22 ' x 50 '	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.
77	The Airplane	Party Balloon	Cas	23h 21m	62d 20'	9.5	75 '	6 stars outlining a double-convex lens, create wings. 5 stars that curve northward create the fuselage and tail.	A.
78	The Yacht		Cep	23h 25m	64d 15'	9 to 10	2 °	Located 2 degreeen north of star 4 Cassiopeiae. 14 stars show hull. 2 stars above hull create cabin. 6 stars in a triangle form sail.	P.A
79	TPK 1		And	23h 39m	47d 31'	9 to 12	23 ' x 11 '	Rough shape of a trapezium.	A.

**Binocular**

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
80	Home Plate		And	00h 07m	40d 35'	6 to 7	44 ' x 31 '	5 stars shaped like a pentagon.	A.
81	Kite		Cas	01h 40m	58d 30'	5 to 7	3 °	Forms a rough pentagon shape.	A.
82	Golf Putter		And	01h 52m	37d 30'	7	95 ' x 25 '	Line of stars with two brighter ones for the clubhead. NGC 752 is the ball.	A.
83	Question Mark		Cet	02h 36m	06d 42'	5 to 7	1 x 2 °	6 stars make a question mark, last star is Nu Ceti.	A
84	Northen Fly		Ari	02h 48m	28d	4	2 °	Stars 35,39 and 41 Aretis.	Internet
85	Dipper Bowl	Messier 45	Tau	03h 47m	24d 18'	3 to 6	2 °	4 stars create a bowl, 1 star for the handle.	
86	Kemble's Cascade		Cam	03h 57m	63d 00'	5 to10	2 °	"A beautiful cascade of faint stars tumbling from the northwest down to the open cluster NGC 1502".	Internet
87	Davis' Dog		Tau	04h 22m	21d 46'	5	206 ' x 86 '	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 or front leg, then stars 53 Tauri for bottom of head by mouth.	Internet
88	'S' in Orion's Belt		Ori	05h 30m	-01d	1-7	90 '	'S' shaped asterism between Epsilon and Delta Orionis.	S&T Mar '11
89	Boomerang		CMa	07h 05m	-26d	4-6	2 °	Semi-circle of 8 to 10 stars centered around Delta Canis Majoris.	S&T Mar '13
90	Star Gun	Stratton 1	Mon	07h 15m	00d 00'	4 to 7	1 x 3 °	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.
91	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.



**Binocular**

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
92	Fly and Fly Swatter	Biever 1	Hya	10h 37m	-13d 23'	6-7	2 x 3 °	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.
93	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.
94	Baby Scorpion		Hya	14h 48m	-26d 06'	5 to 8	5 °	Smaller version of Scorpius facing the same direction, composed of 11 stars.	S&T June '11
95	Taurus Poniatovii		Oph	18h 05m	03d	4-5	5 °	Five stars: 66, 67, 68, 70, and 73 Ophiuchi. Resembles the V-shaped face of Taurus.	S&T Aug '13
96	Coat Hanger	Cr.399	Vul	19h 26m	20d 00'	7.5	90 '	6 straight stars as the bar and 4 as the hook.	Internet
97	Herman's Cross	Terebellum	Sgr	20h 00m	-27d	4	2 °	stars create a cross. Omega, 59, 62, and 60 Sagittarii.	S&T Dec '13
98	Lucky 7		Cas	23h 03m	59d 30'	5 to 7	195 ' x 70 '	9 stars in the shape of a number '7'.	A.
99	Frederick's Glory		And	23h 30m	44d	4	3.5 °	'Y' shape formed by Iota; Kappa; Lambda and Psi Andromadae.	Internet

**Naked-Eye**

#	Name	Designation	Cons	R.A.	Dec.	Mag	Size	Notes	Source
100	Sickle		Leo	10h 10m	20d	2	9 x 15 °	Formed by the stars Alpha, Eta, Gamma, Zeta, Mu, and Epsilon Leonis.	Internet
101	Big Dipper		UMa	12h 30m	55d	2	27 x 13 °	Formed by the stars Alpha, Beta, Gamma, Delta, Epsilon, Zeta, and Eta Ursae Majoris.	Internet
102	Keystone		Her	17h 00m	33d	4	7 x 8 °	Formed by the stars Epsilon, Zeta, Eta, and Pi Herculis.	Internet
103	Tea Pot		Sgr	18h 40m	-30d	3	15 x 9 °	Formed by the stars Delta, Epsilon, Zeta, Phi, Lambda, Gamma, Sigma, and Tau Sagittarii,	Internet
104	Teaspoon		Sgr	19h 15m	-20d	3-4	8 x 2 °	Stars Rho1, 43; Pi; Omega; Xi1 and Xi2 Sagittarii form a curved 'spoon' shape northeast of Teapot asterism.	Internet
105	Northern Cross		Cyg	20h 20m	40d	3 to 4	7 x 12 °	Formed by the stars Alpha, Beta, Gamma, Delta, and Epsilon Cygni.	Internet
106	Job's Coffin		Del	20h 40m	15d	4	3 x 2 °	Formed by the stars Alpha, Beta, Gamma, and Delta Delphinus.	Internet
107	Water Jar		Aqu	22h 30m	00d	4	4 x 4 °	'Y' shaped; Zeta; Pi; Eta and Gamma Aquarii.	Internet
108	Circlet		Psc	23h 30m	04d	4-5	6 °	Formed by the stars Theta, 7, Gamma, Kappa, Lambda, TX, and Iota Piscium.	Internet
109	Great Square		Peg	23h 40m	23d	2	17 x 15 °	Formed by the stars Alpha, Beta, Gamma Pegasi, and Alpha Andromedae.	Internet

**Key Notes**

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