

Primary ID	Alternate ID	Nickname	Con	RA 2000	Dec-00	Mag	Size	SBr	CS	S.A.	Ur. 2	Mill.	U2000	PK Desig	PN G Desig	Henize	ESO	ARO
NGC 246			Cet	00h47m03.3s	-11°52'19"	10.4	4.0'	22	11.8	10	140	I-316	II-261	PK 118-74.1	PN G118.8-74.7			
NGC 1360	M 1-3		For	03h33m14.6s	-25°52'18"	9.4	6.0'	21.9	11.3	18	156	I-356	II-312		PN G220.3-53.9		ESO 482-7	
NGC 1535		Cleopatra's Eye	Eri	04h14m15.8s	-12°44'22"	9.4	20"	15.6	12.1	11	137	I-306	II-268	PK 206-40.1	PN G206.4-40.5			
Jonckheere 320	J 320		Ori	05h05m34.3s	+10°42'23"	12.9	26"		14.4			I-207	I-180	PK 190-17.1	PN G190.3-17.7			ARO 60
IC 418		Spirograph Nebula	Lep	05h27m28.2s	-12°41'50"	10.7	14"	16.2	10.2	11	136	I-302	II-270	PK 215-24.1	PN G215.2-24.2			
NGC 2022			Ori	05h42m06.2s	+09°05'11"	11.7	28"	18.7	15.8	11	96	I-205	I-181	PK 196-10.1	PN G196.6-10.9			
IC 2165			CMa	06h21m42.8s	-12°59'14"	10.6	9.0"	15.1	15	11	136	I-299	II-272	PK 221-12.1	PN G221.3-12.3			
Jonckheere 900		J-900	Gem	06h25m57.3s	+17°47'27"	12.4	12"	17.5	12.5	11	76	I-179	I-137	PK 194-2.1	PN G194.2+02.5			
NGC 2346	M 1-10	Hourglass	Mon	07h09m22.5s	-00°48'23"	12.5	1.0'	21.1	11.3	12	115	I-249	I+II-228		PN G215.6+03.6			
Abell 21		Medusa Nebula	Gem	07h29m02.7s	+13°14'49"	11.3	10.0'	24.9	16	12	95	I-200	I-184	PK 205-14.1	PN G205.1+14.2			
NGC 2392		Eskimo Nebula	Gem	07h29m10.8s	+20°54'42"	8.6	47"	16.7	10.6	5	75	I-176	I-139	PK 197-17.1	PN G197.8+17.3			
NGC 2438			Pup	07h41m51.4s	-14°43'55"	11	1.1'	19.8	17.5	12	135	I-295	II-274	PK 231-4.2	PN G231.8+04.1			
NGC 2440			Pup	07h41m55.4s	-18°12'31"	11.5	54"	19.9	17.5	12	153	I-319	II-319	PK 234-2.1	PN G234.8+02.4		ESO 560-9	
NGC 2452			Pup	07h47m26.2s	-27°20'07"	12.6	22"	19	17.5	19	153	I-367	II-320	PK 243-1.1	PN G243.3-01.0	He 2-4	ESO 493-11	ARO 93
NGC 2610			Hya	08h33m23.3s	-16°08'58"	13	50"	22.2	16	12	134	II-857	II-276	PK 239-13.1	PN G239.6+13.9			
M 3-6			Pyx	08h40m40.2s	-32°22'33"	11	19"	17.1	13.9	20	170	II-903	II-363	PK 254-5.1	PN G253.9+05.7	He 2-12		
IC 2448			Car	09h07m06.3s	-69°56'31"	11.5	8.0"	15.8		25	210	II-1017	II-448	PK 285-14.1	PN G285.7-14.9	He 2-19	ESO 61-1	
NGC 2792			Vel	09h12m26.6s	-42°25'40"	13.5	13"	18.8	17.2	20	186	II-943	II-398	PK 265-4.1	PN G265.7+04.1	He 2-20	ESO 314-6	
NGC 2818			Pyx	09h16m01.7s	-36°37'39"	11.9	36"	19.4	18.5	20	170	II-923	II-364	PK 261-8.1	PN G261.9+08.5	He 2-23	ESO 372-13	
NGC 2867			Car	09h21m25.3s	-58°18'41"	9.7	12"	14.8	14.9	25	199	II-994	II-425	PK 278-5.1	PN G278.1-05.9	He 2-27	ESO 126-8	
NGC 2899			Vel	09h27m03.1s	-56°06'21"	12.2	2.0'	22.3		25	199	II-980	II-425	PK 277-3.1	PN G277.1-03.8	He 2-30	ESO 166-13	
IC 2501			Car	09h38m47.2s	-60°05'31"	11.3	2.0"	12.5		25	199	II-994	II-426	PK 281-5.1	PN G281.0-05.6	He 2-33		
NGC 3132		Eight Burst	Vel	10h07m01.8s	-40°26'11"	8.2	1.4'	17.6	10	20	169	II-941	II-399	PK 272-12.1	PN G272.1+12.3	He 2-40	ESO 316-27	
IC 2553			Car	10h09m20.9s	-62°36'48"	13	12"	18.1		25	210	II-993	II-448	PK 285-5.1	PN G285.4-05.3	He 2-42	ESO 127-10	
NGC 3195			Cha	10h09m20.9s	-80°51'31"	11.5	40"	19.2		25	217	II-1024	II-465	PK 296-20.1	PN G296.6-20.0	He 2-44	ESO 19-2	
NGC 3211			Car	10h17m50.6s	-62°40'15"	11.8	12"	16.9		25	210	II-992	II-449	PK 286-4.1	PN G286.3-04.8	He 2-46	ESO 127-15	
NGC 3242		Ghost of Jupiter	Hya	10h24m46.1s	-18°38'32"	8.6	40"	16.3	12.3	20	151	II-851	II-325	PK 261-32.1	PN G261.0+32.0		ESO 568-5	
IC 2621			Car	11h00m20.1s	-65°14'58"	10.5	5.0"	13.7		25	209	II-1004	II-449	PK 291-4.1	PN G291.6-04.8	He 2-59	ESO 93-4	
K 1-22			Hya	11h26m43.8s	-34°22'11"	12.1	3.0'	23.1	17.4	20	168	II-917	II-367		PN G283.6+25.3		ESO 378-1	
NGC 3699			Cen	11h27m57.7s	-59°57'28"	14	1.1'	22.9		25	198	II-990	II-427	PK 292-1.1	PN G292.6+01.2	He 2-65	ESO 129-21	
Fleming 1			Cen	11h28m36.2s	-52°56'04"	11.4	30"	18.5		25	198	II-976	II-427	PK 290-7.1	PN G290.5+07.9	He 2-66	ESO 170-6	
NGC 3918		Blue Planetary	Cen	11h50m17.7s	-57°10'57"	8.4	12"	13.5	15.7	25	198	II-990	II-428	PK 294-4.1	PN G294.6+04.7	He 2-74	ESO 170-13	
NGC 4071	Sa 2-82	Eyeball nebula	Mus	12h04m14.8s	-67°18'35"	12.9	1.2'	22		25	209	II-1002	II-450	PK 298-4.1	PN G 298.3-04.8	He 2-75	ESO 94-12	
NGC 4361			Crv	12h24m30.8s	-18°47'06"	10.9	1.3'	20.2	13.3	21	150	II-845	II-328	PK 294-43.1	PN G294.1+43.6		ESO 573-19	
Abell 35			Hya	12h53m32.8s	-22°52'23"	12	12.8'	26.2	9.6	21	149	II-868	II-329	PK 303-40.1	PN G303.6+40.0			
IC 4191			Mus	13h08m47.3s	-67°38'38"	12	5.6"	15.5		25	209	II-1001	II-451	PK 304-4.1	PN G304.5-04.8	He 2-89	ESO 96-2	
He 2-90	Sa 290		Cen	13h09m36.4s	-61°19'36"	12.7	10"	18.4		25	197	II-987	II-451	PK 305+01.1	PN G 305.1+01.4		ESO 132-1	
NGC 5189	IC 4274		Mus	13h33m33.0s	-65°58'27"	10.3	2.3'	20.8	14.1	25	208	II-1000	II-451		PN G307.2-03.4	He 2-94	ESO 96-16	
Abell 36		Bat Symbol	Vir	13h40m41.3s	-19°52'55"	13	6.0'	25.5	11.46	21	149	II-841	II-331	PK 318-41.1	PN G318.4+41.4		ESO 577	
NGC 5307			Cen	13h51m03.3s	-51°12'21"	12.1	15"	17.7	14.7	21	183	II-971	II-430	PK 312-10.1	PN G312.3+10.5	He 2-98	ESO 221-11	
NGC 5315			Cir	13h53m57.0s	-66°30'51"	13	14.0"	18.5		25	208	II-1000	II-452	PK 309-4.2	PN G309.1-04.3	He 2-100	ESO 97-9	
IC 4406		Retina Nebula	Lup	14h22m26.3s	-44°09'04"	11	46"	19.1	14.7	21	183	II-931	II-404	PK 319-15.1	PN G319.6+15.7	He 2-110	ESO 272-6	
NGC 5844			TrA	15h10m40.7s	-64°40'28"	12	1.0'	20.6		25	208	II-998	II-453	PK 317-5.1	PN G317.1-05.7	He 2-119	ESO 99-1	
NGC 5873			Lup	15h12m51.1s	-38°07'34"	12	3.0"	14.1	15.5	21	166	II-907	II-373	PK 331-16.1	PN G331.3+16.8	He 2-121	ESO 328-34	
NGC 5882			Lup	15h16m49.9s	-45°38'59"	10.5	7.0"	14.5	13.4	21	182	II-948	II-405	PK 327-10.1	PN G327.8+10.0	He 2-122	ESO 274-7	
He 2-131	PK 315-13.1		Aps	15h37m11.2s	-71°54'53"	11.8	4.9"	15		25	207	II-1009	II-453	PK 315-13.1	PN G315.1-13.0	He 2-131	ESO 68-8	
NGC 5979			TrA	15h47m41.5s	-61°13'06"	13	8.0"	17.3		25	196	II-983	II-453	PK 322-5.1	PN G322.5-05.2	He 2-135	ESO 136-3	
Shapley 1			Nor	15h51m40.9s	-51°31'28"	13.6	1.3'	22.7		21	196	II-967	II-432	PK 329-2.1	PN G329.0+01.9			
He 2-138			TrA	15h56m01.7s	-66°09'09"	13.3	7.0"	17.3		25	207	II-997	II-453	PK 320-9.1	PN G320.1-09.6	He 2-138	ESO 100-3	

Primary ID	Alternate ID	Nickname	Con	RA 2000	Dec-00	Mag	Size	SBr	CS	S.A.	Ur. 2	Mill.	U2000	PK Desig	PN G Desig	Henize	ESO	ARO	
He2-141			Nor	15h59m08.8s	-58°23'53"	12.4	16"	18.2		25	196	II-983	II-432	PK 325-4.1	PN G325.4-04.0	He 2-141	ESO 136-11		
NGC 6026			Lup	16h01m21.1s	-34°32'37"	12.5	54"	20.9	13.3	22	165	III-1442	II-374	PK 341-13.1	PN G341.6+13.7	He 2-144	ESO 389-7		
IC 4593		White Eyed Pea	Her	16h11m44.5s	+12°04'17"		11 12"	16.2	11.3	15	88	III-1254	I-200	PK 025-40.1	PN G025.3+40.8				
NGC 6072			Sco	16h12m58.1s	-36°13'46"		14 50"	17.5	18.5	22	165	III-1442	II-374	PK 342-10.1	PN G342.1+10.8		ESO 389-15	ARO 500	
IC 4599			Sco	16h19m23.1s	-42°15'36"		12.3 16"	18.1		22	182	III-1462	II-406	PK 338-5.1	PN G338.8+05.6	He 2-155	ESO 331-1		
NGC 6153			Sco	16h31m30.8s	-40°15'14"		11.5 25"	18.2	16.1	22	165	III-1461	II-407	PK 341-5.1	PN G341.8+05.4	He 2-167	ESO 331-6		
He 2-182			TrA	16h54m35.2s	-64°14'28"		12 3.0"	14.1		26	207	III-1523	II-454	PK 325-12.1	PN G325.8-12.8	He 2-182	ESO 101-16		
He 2-185			TrA	17h01m17.3s	-70°06'03"		12.3 5.0"	15.5		26	207	III-1533	II-454	PK 321-16.1	PN G321.3-16.7	He 2-185	ESO 70-1		
IC 4634			Oph	17h01m33.6s	-21°49'33"		12 20"	18.2	14	22	146	III-1395	II-337	PK 000-12.1	PN G000.3+12.2	He 2-189	ESO 587-1		
M 2-9		Minkowski's Butterfly	Oph	17h05m38.0s	-10°08'35"		13.2 50"	21.4	15.6	15	127	III-1347	II-292	PK 010-18.2	PN G010.8+18.0				
NGC 6302		Bug Nebula	Sco	17h13m44.2s	-37°06'16"		12.8 1.2"	21.8	21	22	164	III-1439	II-376	PK 349-1.1	PN G349.5+01.0	He 2-204	ESO 392-5	ARO 502	
NGC 6309		Box Nebula	Oph	17h14m04.3s	-12°54'38"		11.6 20"	17.8	16.3	15	127	III-1347	II-292	PK 009-14.1	PN G009.6+14.8	He 2-206			
NGC 6326			Ara	17h20m46.3s	-51°45'15"		12 15"	17.6	16.8	22	195	III-1496	II-433	PK 338-8.1	PN G338.1-08.3	He 2-208	ESO 228-1		
NGC 6337			Sco	17h22m15.7s	-38°29'03"		12.3 38"	19.9	14.9	22	164	III-1439	II-376	PK 349-1.1	PN G349.3-01.1	He 2-215	ESO 333-5		
NGC 6369		Little Ghost Nebula	Oph	17h29m20.4s	-23°45'34"		11 30"	18.1	15.1	22	146	III-1394	II-338	PK 002-5.1	PN G002.4+05.8	He 2-232	ESO 520-3		
NGC 6445			Sgr	17h49m15.1s	-20°00'34"		13 35"	20.5	19	22	146	III-1369	II-338	PK 008-3.1	PN G008.0+03.9	He 2-290	ESO 589-9	ARO 67	
IC 4670	Hubble 6		Sgr	17h55m07.0s	-21°44'40"		13.1 6.6"	16.9	14.7	22	146	III-1393	II-339	PK 007-1.1	PN G007.2+01.8		ESO 589-20	ARO 96	
He 2-313			Sgr	17h58m14.4s	-33°47'38"		8.5 2.0"	9.7		22	164	III-1437	II-377	PK 357-4.3	PN G357.1-04.7	He 2-313	ESO 394-15		
He 2-320			CrA	18h00m11.8s	-38°49'53"		11.4 2.0"	12.6	14.3	22	163	III-1437	II-377	PK 352-7.1	PN G352.9-07.5	He 2-320	ESO 334-10		
M 3-21			Sgr	18h02m32.3s	-36°39'12"		11.7 5.0"	14.9		22	163	III-1437	II-377	PK 355-6.1	PN G355.1-06.9	He 2-328	ESO 394-21		
NGC 6537		Red Spider	Sgr	18h05m13.1s	-19°50'35"		12 5.0"	15.2	18.8	22	145	III-1368	II-339	PK 010-0.1	PN G010.1+00.7	He 2-340	ESO 590-1		
M 1-38			Sgr	18h06m05.8s	-28°40'29"		9.3 3.3"	11.6		22	145	III-1415	II-377	PK 002-3.5	PN G002.4-03.7	He 2-344	ESO 456-52		
NGC 6565			Sgr	18h11m52.5s	-28°10'42"		13 10"	17.7	18	22	145	III-1414	II-377	PK 003-4.5	PN G003.5-04.6	He 2-362	ESO 456-70	ARO 68	
NGC 6563			Sgr	18h12m02.8s	-33°52'07"		13 54"	21.4	15.4	22	163	III-1436	II-377	PK 358-7.1	PN G358.5-07.3	He 2-361	ESO 394-33	ARO 503	
NGC 6572		Blue Racquetball	Oph	18h12m06.4s	+06°51'12"		8 15"	13.6	13.1	15	86	III-1272	I-204	PK 034-11.1	PN G034.6+11.8			ARO 7	
NGC 6567			Sgr	18h13m45.1s	-19°04'34"		11.5 11"	16.4	14.4	22	145	III-1368	II-339	PK 011-0.2	PN G011.7-00.6	He 2-369	ESO 590-8		
He 2-377			Sgr	18h16m12.2s	-30°52'09"		11.8 5.0"		15	11.8	22	163	III-1414	II-377	PK 001-6.2	PN G001.5-06.7	He 2-377	ESO 457-2	
NGC 6578			Sgr	18h16m16.5s	-20°27'03"		13 8.5"	17.5	15.7	22	145	III-1368	II-339	PK 010-1.1	PN G010.8-01.8	He 2-381	ESO 590-12	ARO 70	
NGC 6620			Sgr	18h22m54.2s	-26°49'17"		14 5.3"	17.4	19.7	22	145	III-1391	II-339	PK 005-6.1	PN G005.8-06.1	He 2-394	ESO 522-22	ARO 99	
NGC 6629			Sgr	18h25m42.4s	-23°12'11"		10.5 16"	16.3	12.9	22	145	III-1391	II-340	PK 009-5.1	PN G009.4-05.0	He 2-399	ESO 522-26		
NGC 6644			Sgr	18h32m34.6s	-25°07'44"		12.2 3.0"	14.3	15.6	22	145	III-1391	II-340	PK 008-7.2	PN G008.3-07.3	He 2-408	ESO 522-23		
IC 4732			Sgr	18h33m54.6s	-22°38'41"		13.3 3.6"	15.8	17	22	145	III-1391	II-340	PK 010-6.1	PN G010.7-06.4	He 2-410	ESO 523-1	ARO 71	
IC 4776			Sgr	18h45m50.7s	-33°20'34"		12.5 8.0"	16.8	14.5	22	163	III-1435	II-378	PK 002-13.1	PN G002.0-13.4	He 2-421	ESO 396-2		
M 1-61			Sct	18h45m55.1s	-14°27'38"		12.5 2.0"	13.7		16	125	III-1342	II-295	PK 019-5.1	PN G019.4-05.3				
IC 1295			Sct	18h54m37.2s	-08°49'39"		12.7 1.7"	22.5	16.9	16	125	III-1318	II-295	PK 025-4.2	PN G025.4-04.7			ARO 8	
He 2-425			Sgr	18h55m38.0s	-32°15'47"		10.9 4.0"	13.6		22	163	III-1412	II-378	PK 003-14.1	PN G003.9-14.9	He 2-425	ESO 458-9		
Sh 2-71			Aql	19h02m00.3s	+02°09'11"		12.2 2.6'	22.9	13.7	16	105	III-1293	I+II-251	PK 036-1.1	PN G035.9-01.1				
NGC 6741		Phantom Streak	Aql	19h02m37.1s	-00°26'57"		12 9.0"	16.5	20	16	105	III-1293	I+II-251	PK 033-2.1	PN G033.8-02.6				
NGC 6751		Dandelion Puffball	Aql	19h05m55.6s	-05°59'33"		12 20"	18.2	15.4	16	125	III-1317	II-296	PK 029-5.1	PN G029.2-05.9				
IC 4846			Aql	19h16m28.2s	-09°02'37"		12 2.0"	13.2	15.5	16	125	III-1341	II-296	PK 027-9.1	PN G027.6-09.6				
IC 1297			CrA	19h17m23.5s	-39°36'46"		11.5 8.0"	15.8	14.2	22	163	III-1454	II-410	PK 358-21.1	PN G358.3-21.6	He 2-431	ESO 337-20		
NGC 6778			Aql	19h18m24.9s	-01°35'47"		13.3 25"		20	18	16	105	III-1293	I+II-251	PK 034-6.1	PN G034.5-06.7		ARO 72	
NGC 6781			Aql	19h18m28.1s	+06°32'19"		11.8 1.9'	21.8	16.9	16	85	III-1269	I-206	PK 041-2.1	PN G041.8-02.9				
NGC 6790			Aql	19h22m57.0s	+01°30'46"		11.4 2.0"	12.6	16.1	16	105	III-1292	I+II-251	PK 037-6.1	PN G037.8-06.3				
Vy 2-2	M 1-70		Aql	19h24m22.2s	+09°53'57"		12.7 14"	18.2	14.6	16	85	III-1244	I-206	PK 045-2.1	PN G045.4-02.7			ARO 151	
NGC 6803			Aql	19h31m16.5s	+10°03'22"		11 4.0"	13.7	16	16	85	III-1244	I-207	PK 046-4.1	PN G046.4-04.1				
NGC 6804			Aql	19h31m35.2s	+09°13'32"		12.4 1.1'	21.1	14.2	16	85	III-1244	I-207	PK 045-4.1	PN G045.7-04.5				
He 2-434			Pav	19h33m49.4s	-74°32'59"		12.2 8.0"	16.5		26	215	III-1530	II-470	PK 320-28.1	PN G320.3-28.8	He 2-434	ESO 46-3		
NGC 6807			Aql	19h34m33.5s	+05°41'03"		13.8 2.0"		15	16.3	16	85	III-1268	I-207	PK 042-6.1	PN G042.9-06.9		ARO 74	

Primary ID	Alternate ID	Nickname	Con	RA 2000	Dec-00	Mag	Size	SBr	CS	S.A.	Ur. 2	Mill.	U2000	PK Desig	PN G Desig	Henize	ESO	ARO
NGC 6818		Little Gem	Sgr	19h43m57.8s	-14°09'12"	10 22"	16.4	17	16	125	III-1339	II-297	PK 025-17.1	PN G025.8-17.9				
NGC 6853	M 27	Dumbbell	Vul	19h59m36.3s	+22°43'16"	7.3 8.0'	20.4	14.1	8	66	III-1195	I-162		PN G060.8-03.6	He 2-452			
NGC 6879			Sge	20h10m26.7s	+16°55'21"	11 4.7"	14.1	14.8	16	84	III-1218	I-208	PK 057-8.1	PN G057.2-08.9	He 2-455			
NGC 6886			Sge	20h12m42.8s	+19°59'23"	12.5 4.0"	15.2	18	9	66	III-1218	I-163	PK 060-7.2	PN G060.1-07.7	He 2-458			
NGC 6891			Del	20h15m08.8s	+12°42'16"	10.5 15"	16.2	12.3	16	84	III-1242	I-208	PK 054-12.1	PN G054.1-12.1				
IC 4997			Sge	20h20m08.7s	+16°43'54"	11.3 2.0"	12.5	12.2	16	84	III-1217	I-208	PK 058-10.1	PN G058.3-10.9	He 2-464			
NGC 6905			Del	20h22m22.9s	+20°06'17"	12 44"	20	15.5	9	66	III-1217	I-163	PK 061-9.1	PN G061.4-09.5	He 2-466			
NGC 7009		Saturn Nebula	Aqr	21h04m10.9s	-11°21'48"	8.3 28"	15.3	12.5	16	123	III-1335	II-300	PK 037-34.1	PN G037.7-34.5				
Pease 1			Peg	21h30m01.2s	+12°10'11"	14.9 1.0"	14.6	14.9	17	83	III-1238	I-210	PK 065-27.1	PN G065.0-27.3				
NGC 7094	K 1-19		Peg	21h36m53.0s	+12°47'19"	13.4 1.7'	23.1	13.8	17	83	III-1238	I-211	PK 066-28.1	PN G066.7-28.2				ARO 194
IC 5148			Gru	21h59m35.1s	-39°23'08"	11 2.0'	21.1	16.5	23	161	III-1448	II-413	PK 002-52.1	PN G002.7-52.4		ESO 344-5		
NGC 7293		Helix	Aqr	22h29m38.5s	-20°50'14"	6.3 16.0'	20.9	13.5	23	142	III-1355	II-347	PK 036-57.1	PN G036.1-57.1				