

## INDEX OF ASTRONOMICAL OBJECTS

Abell 262	132	HH34	293
Abell 539	132	HI/Ly $\alpha$ Clouds	72
Abell 1367	132	HII Regions	37, 138-142, 143-147, 150-154, 155-159, 160-164, 167-171, 291, 305
Active galaxies	72, 118-122, 203-204, 205-206, 207-208, 229-234, 235-238, 245, 247, 261-265, 267, 269-273, 278- 281, 305, 370, 374	H1413+117 (grav. lens)	225-228
AFGL 2688	332-335	HR1099	346-348
Aldebaran	362	Intergalactic Clouds	98-100
B 20902	124, 126	Interstellar Medium	96-102, 336-337
Be Stars Envelopes	365-368	Io	182-187, 243, 305, 374
Bootes' void	89	IRc2	173-181
Cancer cluster	132	Jupiter	324, 372
Capella	361	Large Magellanic Cloud	155-159, 172, 374
Cloverleaf	225-228	Leo Group	35
Clusters of galaxies	129-132	Lk-H $\alpha$ 225	292-293
Coma cluster	132	Local Group	35
Comet Austin 1990 V	185	Ly $\alpha$ Source	89
Comet Halley	103-105, 184, 212	Markarian 463	229-234
Comet Levy 1990 XX	186	Markarian 573	261-265
Comet Schwassman-Wachsmann	185	Markarian 620	127, 128
Comets	103-105, 182-186, 247, 305, 374	Mars	243, 296, 298-299
Cooling Flow	257-260, 370	Milky Way	160-164, 374
Crab Nebula	89, 165-166	Molecular Clouds	173-181
CRL 2688	324, 372	Moon	295, 303
DC 1842-63 cluster	130, 132	M 31	15, 16, 283, 287, 370
DC 24	130	M 32	283, 287
Doradus	155-159	M 33	139, 140
Dzeta Tauri	366	M 42	174
Earth	102, 103, 296, 338-339	M 51	14, 111, 269-273, 288-291, 370
Einstein's Cross	243-245	M 81	35, 109
Elliptical Galaxies	133-137, 274-275, 371, 374	M 82	109, 114, 116, 117, 208, 324
Eta Hyades	78	M 101	139
Galaxies in Clusters	129-132	M 104	15, 16, 284-286
Gamma Cassiopeia	368	N11	156
Geocorona	102, 103	N19	151-153
GGD34	293	N30	172
Globular Clusters	247, 306	N66	152
GM1-27	292-293	NGC 253	324
Gravitational Mirages	225-228, 247	NGC 404	133-137
Herbig-Haro Objects	72, 247, 292-293, 305	NGC 588	140
Hercules cluster	132	NGC 1042	135
		NGC 1047	135

NGC 1052	133-137, 274-275	RCW 95	163
NGC 1068	15, 16, 81, 110, 114, 116, 245, 306	RCW 98	163
NGC 1275	89, 208, 257-260	Ring Nebula	169
NGC 2273	127, 128	Sharpless 299	162
NGC 2363	140	Sharpless 300	162
NGC 2366	139, 140	Sharpless 305	162
NGC 2403	139	Sharpless 306	162
NGC 2685	274-275	Sharpless 307	162
NGC 2841	274-275	Sharpless 309	162
NGC 3079	113-117	Seyfert galaxies	118-122, 203-204, 205-206, 235-238, 267, 269-273, 278-281, 306
NGC 3227	236, 238	Small Magellanic Cloud	150-154, 374
NGC 3516	111, 203-204, 267	Sun	45, 188-192, 193-194, 303, 343, 350-359
NGC 3646	207	Supernova Remnants	89, 150-154, 165-166, 374
NGC 4151	203, 261, 236	Titan	247
NGC 4258	111, 118-122, 278-281	Ton 616	254-256
NGC 4321	143	Venus	322, 372
NGC 4449	143-147, 207-208	Virgo Cluster	33
NGC 4594	287	0957+561 (grav. lens)	225-228
NGC 5128 (Cen A)	14, 33, 35, 287	2237+0305 (grav. lens)	225-228, 243-245
NGC 5533	274-275	30 Doradus	155-159
NGC 5548	267	3C 34	124-126
NGC 5728	236, 238	3C 44	124, 126
NGC 5929	245, 246, 269-273	3C 54	124, 126
NGC 6181	148-149	3C 120	205-206
NGC 6340	274-275	3C 124	124, 126
NGC 6720	169	3C 169.1	124, 126
NGC 6814	267	3C 265	124-126
NGC 6822	139	3C 281	214
NGC 7027	324, 332-335, 372	3C 326.1	251
OMC-1	173-181	3C 334	214
Omega Centauri	306	3C 337	124
Orion Nebula	169, 173-181	3C 352	124-126
Orion Stellar Cluster	221-222	3C 356	126
Pegasus Cluster	132	3C 368	124-126
Perseus Cluster	257	3C 435A	124-126, 250-253
PG1115+080 (grav. lens)	225-228	3C 435B	251
PKS 2251+113	254-256	3C 441	124
Planets	95, 212, 294-297, 298-299, 305, 322, 372	3C 441	124
Planetary Nebulae	33-37, 167-171, 247, 324, 332-335, 372, 374	4C 11.72	254-256
Q1422+231 (grav. lens)	225-228	4C 37.43	254-256
Quasars	89, 212-216, 225-228, 247, 254-256	4C 37.43	214-215, 254-256
R 136	155-159	4C 41.17	124-126
Radio Galaxies	123-126, 247, 250-253		
RCW 94	163		