Advanced Observing List – The Texas Star Party - 2007

The A, B, C's of Galaxies

Larry Mitchell - Houston Astronomical Society

	Object	*2000*	*Const.*	*Mag.*	*Size*	*Type*	*RV*	*U1*	*U2*
A.	__Ant Galaxy, U6046, VV149	10 56 50.9 + 06 54 21	Leo	14.6 (P)	1.1 x 0.6'	SBcd	--	191	92L
	__Arakelian 320	11 45 33.0 + 58 58 42	UMa	13.9 (B)	1.0 x 0.8'	SO?	+2,979	47	24R
	__Arakelian 450, UGC 9241	14 25 20.9 + 32 28 47	Boo	14.5 (P)	0.6 x 0.5'	S?	+4,157	111	52R
B.	__Bears Paw, NGC2537	08 13 14.5 + 45 59 31	Lyn	11.7 (V)	1.9 x 1.7'	SB(s)mpec	+444	69	40L
	__The "Box", Hickson 61A	12 12 18.5 + 29 10 47	Com	13.2 (B)	12.1 x 3.0'	Cluster	+3783	107	72L
C.	__Coddington's Neb, DDO81	10 28 22.5 + 68 24 59	Uma	10.8 (B)	13.2 x 5.3'	SAB(s)m	-4	24	14L
	__Copeland's Septet, Hic 57A	11 37 53.8 + 21 58 51	Leo	14.5 (B)	4.6 x 2.3'	Cluster	+8,717	147	72R
	__Cygnus A, MCG +7-41-3	19 59 28.4 + 40 44 02	Cyg	15.5 (V)	0.6 x 0.4'	S?	+16,837	84	33L
D.	__DDO 70, Sextan's B	09 59 59.6 + 05 19 53	Sex	11.9 (B)	5.1 x 3.5'	IB(s)m	+301	189	113L
	__Denis J10110217-3941366	10 11 02.2 – 39 41 37	Ant	14.0 (P)	1.2 x 0.8'	Dbl	--	399	169R
	__DDO 180, MCG-2-35-10	13 38 10.3 – 09 48 04	Vir	12.8 (B)	2.2 x 1.8'	SB(s)m	+1,300	286	131L
E.	__ESO 508-48, NGC5078	13 19 50.1 – 27 24 37	Hya	12.0 (B)	4.0 x 1.9'	SA(s): sp	+2,157	330	149R
	__ESO 510-11, MCG-4-33-10	13 54 26.4 – 26 34 33	Hya	14.4 (P)	1.6 x 0.8'	SABra	+5,892	331	149L
F.	__Fairall 32, PGC 42715	12 42 48.2 – 39 32 02	Cen	15.0	0.4 x 0.3'	--	--	402	167R
	__Flywing Galaxy, N5152/53	13 27 50.2 – 29 37 05	Hya	13.3 (P)	2.2 x 0.9'	SB(s)b	+4,456	370	167L
	__Fath 703, NGC5892	15 13 48.2 – 15 27 52	Lib	12.3 (P)	3.5 x 2.8'	SA(s)d	+2,375	289	130L
G.	__Gamma Leo Group, N3190	10 18 05.7 + 21 49 57	Leo	12.1 (B)	18.3 x 8.3'	Cluster	+1,289	144	73R
	__GMP 2440, IC 4045	13 00 48.7 + 28 05 26	Com	15.0 (B)	0.7 x 0.4'	E4	+6,911	109	71R
H.	__Holmberg 233A, UGC6219	11 10 57.2 + 19 10 56	Leo	14.9 (P)	1.5 x 0.3'	S?	+6,233	146	73L
	__Hardcastle's Galaxy	13 12 55.2 – 32 41 16	Cen	13.3 (P)	5.6 x 1.5'	SB(s)d:sp	+2,382	370	167R
	__Holmberg V, UGC 8658	13 40 40.3 + 54 20 00	UMa	13.1 (B)	2.8 x 1.8'	SAB(rs)c	+1,977	49	23R
I.	__IRAS 11290-3001, N3717	11 31 32.1 – 30 18 25	Hya	12.2 (B)	7.4 x 1.5'	SAB : sp	+1,724	367	168R
	__IC 750 & 749	11 58 51.8 + 42 43 20	UMa	12.9 (B)	2.6 x 1.1'	Sab : sp	+703	74	38L
	__IC 1017, UGC 9276	14 28 07.3 + 25 52 08	Boo	14.7 (P)	1.0 x 0.6'	SO?	+4,370	152	70R
	__IC 1042, UGC 9457	14 40 39.0 + 03 28 11	Vir	14.3 (P)	1.0'	SO ?	+7,929	243	109L
J.	__"Jet"- M87, NGC4486	12 30 49.7 + 12 23 24	Vir			Jet	+1282	193	91L
	__J1406-34 (HIPASS), E384-53	14 06 35.5 – 34 18 46	Cen	12.9 (P)	2.2 x 1.8"	SAB(rs)bc	+4,881	371	166R
K.	__Kug 0913+346B, N2793	09 16 47.1 + 34 26 22	Lyn	16.5	0.4 x 0.3'	--	--	103	56R
	__Kara 72, NGC3545 A/B	11 10 12.3 + 36 57 52	UMa	14.8	53 x 40"	Dbl	+8,956	106	55L
	__Kug1748+144,CGCG83-28	17 50 28.8 + 14 23 35	Her	15.0	0.7 x 0.2'	Sb	--	203	86R
L.	__LEDA 25654, NGC2772	09 07 41.7 – 23 37 03	Pyx	14.2 (P)	1.5 x 0.8'	Sb: pec sp	--	322	152R
	__Leo I, DDO74, Regul Dwf	10 08 27.5 + 12 18 27	Leo	11.2 (B)	9.8 x 7.4'	E3	+168	189	93L
	__Longmore's Group	13 27 56.0 – 41 08 13	Cen	15.8	55 x 47"	Cluster-4	+15,237	403	184L
M.	__Miniature Spiral, NGC 3928	11 51 47.6 + 48 40 59	UMa	13.2 (B)	1.5 x 1.5'	DA(s)b	+957	74	38L
	__Mitchell's Object	12 17 48.5 + 46 34 54	CVn	15.0	31 x 25"	Pair		74	37R
	__MAC 1554+7046	15 54 55.3 + 70 46 17	UMi	15.0	0.8 x 0.2'			28	11R

	Object:	***2000:***	***Const.***	***Mag.***	***Size***	***Type***	***RV***	***U1***	***U2***
N.	__New 2, Tol 97, NGC4507	12 35 36.7 – 39 54 33	Cen	12.9 (B)	1.6 x 1.2’	(R’)SAB(rs)b	+3,499	402	168L
	__New 3, MCG-2-33-15	12 49 23.6 – 10 07 03	Vir	12.1 (P)	4.0 x 3.1’	SB(s)m	+1,319	284	131R
	__New 5, IC4946	20 23 58.0 – 43 59 44	Sgr	12.6 (B)	2.4 x 1.0’	SAB(rs) o/a	+2,921	411	179R
O.	__OQ 240, 1424+240	14 27 00.4 + 23 47 59	Boo	15.0 var	--	Blazar		152	70R
P.	__Papillon, IC 708	11 33 59.2 + 49 03 43	UMa	14.0 (P)	1.1 x 1.1’	E	+9,591	73	38L
	__Polarissima Borealis, N3172	11 47 14.4 + 89 05 34	UMi	14.8	1.2 x 1.1’	Sb	--	1	1R
	__POX 36, ESO 572-34	11 58 58.4 – 19 01 41	Crv	14.2 (p)	1.1 x 0.8’	1Bm	+1,075	327	150R
Q.	__Q0957+561, Dbl. Quasar	10 01 20.7 + 55 53 56	UMa	17.3	Stellar	Quasar	z=1.413	45	25L
	__QRM 95 1320-32	13 24 37.7 – 32 28 48	Cen	13 (?)	Stellar			370	167L
	__QRM 95 1320-31	13 26 54.4 – 31 58 14	Cen		Stellar			370	167L
R.	__RR 210a, NGC4105 / 06	12 06 40.9 – 29 45 42	Hya	11.6 (B)	3.2 x 2.6’	Dbl	+4,943	368	168L
	__Reinmuth 80, NGC4517a	12 32 28.1 + 00 23 22	Vir	12.5 (V)	5.1 x 3.4’	SB(rs)dm	+1,501	239	111L
	__RBS 1372, ESO 511-30	14 19 22.3 – 26 38 40	Hya	13.3 (P)	3.3 x 2.5’	SA(rs)c pec	+6,683	332	148R
	__Reitz 4115, DDO 190	14 24 43.9 + 44 31 35	Boo	13.3 (B)	2.2 x 2.2’	IAM	+153	77	36R
S.	__Spindle Galaxy, NGC 3115	10 05 13.8 – 07 43 05	Sex	9.9 (B)	7.2 x 2.4’	SOsp	+670	279	133R
	__Shapley – Ames 4, U8041	12 55 12.8 + 00 06 59	Vir	12.6 (P)	3.0 x 1.8’	SB(s)d	+1,340	239	110R
	__Sancho’s Object	15 10 15.8 + 58 10 42	Dra	16.0	41 x 34”			50	22R
	__Shakhbazian 16	16 49 11.5 + 53 25 10	Dra	15.6	4.1 x 1.1’	Cluster		52	22L
T.	__Tol 9, ESO 436-42	10 34 38.9 – 28 35 02	Hya	13.4 (P)	0.9 x 0.4’	SB9rs)bc	+3,451	366	151R
	__Tol 60, ESO 379-22	12 01 20.6 – 33 52 36	Hya	14.1 (P)	1.1 x 0.7’	S?	+3,031	368	168L
	__Tol 74, IC 3639	12 40 52.7 – 36 45 21	Cen	13.9 (P)	1.2 x 1.1’	SB(rs)bc	+3,309	369	167R
U.	__UM 500, UGC7531	12 26 11.8 – 01 18 16	Vir	14.4	1.0 x 0.8’	1Bm pec	+1,800	238	111L
	__UGC 7883, CGCG 15-2	12 42 57.4 – 01 13 44	Vir	13.7 (P)	2.6 x 0.6’	SA(s)cd sp	--	239	110R
	__UGCA 382 / 383	14 04 37.2 – 24 49 53	Hya	14.0 (P)	3.9 x 2.5’	SB(s)cd?	+2,333	331	148R
V.	__VV 229, UGC6204, Arp 301	11 09 51.7 +24 15 40	Leo	14.8 (P)	1.8 x 1.6’	Dbl	+6,288	146	73L
	__VCC 1535, NGC4526	12 34 02.9 + 07 42 01	Vir	10.7 (B)	7.2 x 2.3’	SAB(s)O^	+575	194	91L
	__VCC 1555, NGC 4535	12 34 20.3 + 08 11 53	Vir	9.9 (V)	7.1 x 5.0’	SAB(s)	+1,973	194	91L
W.	__Wild’s Triplet, Arp 248	11 46 42.5 – 03 50 50	Vir	13.7	5.9 x 1.9’	Trio	+5,008	237	111R
	__WBL 426-063, NGC4864	12 59 13.2 + 27 58 35	Com	14.6 (B)	0.7 x 0.7’	E2	+6,805	149	71R
X.	__XXM 2002, Mrk 273,	13 44 41.9 + 55 52 57	UMa	15.1 (P)	1.3 x 0.3’	Pec	+11,274	49	23R
	__XSS J15042+1046, Mrk 841	15 04 01.2 + 10 26 16	Boo	14.0	Stellar	XRay S	+10,939	198	88R
Y.	__YE 94, 1422+231	14 24 38.1 + 22 56 01	Boo	16.5	Stellar	Grav. Lens	z = 3.62	152	70R
Z.	__Zwicky #2, DDO 105	11 58 29.9 + 38 04 33	UMa	13.8 (B)	5.6 x 2.5’	IB(s)m	+909	107	54R
	__Zwicky’s Triplet, Arp 103	16 49 28.1 + 45 27 42	Her	--	3.3 x 1.0’	Sa	+9,405	80	34R

Good Luck - Good Hunting – Good Times <>Observe any 20 Letters – Your Choice<>

LARRY MITCHELL