

# The Texas Star Party – Advanced Observing List - 2016

## “The Science of Byurakan”

Observe ANY 20 Objects – An Observing Pin Will Be Awarded



<u>Name</u>	<u>Coordinates 2000</u>	<u>Const.</u>	<u>Mag.</u>	<u>Size</u>	<u>Class</u>	<u>Rad. Vel.</u>	<u>Urano.1</u>
Arakelian 237, IC 0602	10 18 19.7 + 07 02 58	Leo	13.7	0.8 x 0.5'	S	+3780	U189
Arakelian 265	10 53 13.1 + 16 14 06	Leo	14.5	0.8 x 0.7'	--	+6673	U190
Shakhbazian 26	11 02 12.6 + 50 20 52	UMa	13.4-16.0	1.1 x 0.2'	Clstr	>30,000	U46
Arakelian 291, NGC3652	11 22 39.0 + 37 45 54	Uma	13.1	3.1 x 1.6'	Scd	+1997	U106
Shakhbazian 154	11 22 52.0 + 01 06 32	Leo	16.0	2.5 x 1.0'	Clstr	+21,885	U236
Arakelian 293	11 26 56.6 + 63 25 31	Uma	14.3	0.5 x 0.4'	E	+3624	U25
Shakhbazian 63	11 29 34.7 + 42 26 15	UMa	16.0-16.5	50" x 40"	G-Clstr	>30,000	U73
Arakelian 302	11 36 28.4 + 19 48 41	Leo	14.6	0.5 x 0.5'	E/SAO	+6640	U147
Arakelian 308, IC 719	11 40 18.5 + 09 00 36	Vir	13.6	1.2 x 0.3'	SO	+1833	U192
Arakelian 317, UGC 6711	11 44 29.7 + 69 43 47	Dra	14.2	0.7 x 0.4'	S	+2702	U25
Arakelian 320, UGC 6732	11 45 33.1 + 58 58 41	Uma	13.4	1.0 x 0.8'	SO	+2979	U47
Arakelian 345, UGC 7032	12 03 27.3 + 16 29 09	Com	14.4	0.6 x 0.5'	S	+4063	U193
Kazarian 390, NGC 4455	12 28 44.1 + 22 49 14	Com	12.9	2.7 x 0.7'	SB(s)d	+637	U148
Arakelian 383, UGC 07813	12 39 01.1 + 00 21 56	Vir	14.1	0.5 x 0.5'	E	+6957	U239
Kazarian 31, NGC 4648	12 41 44.4 + 74 25 15	Dra	13.0	2.1 x 1.5'	E3	+1414	U9
Kazarian 247, UGC 08120	12 59 56.2 + 73 41 33	Dra	14.4	1.8 x 0.8'	Sd	+1665	U9
Kazarian 248, NGC 4954	13 02 19.9 + 75 24 15	Dra	14.2	0.8 x 0.6'	SO	+9282	U10
Arakelian 402	13 08 50.1 – 00 49 02	Vir	14.1	1.0 x 0.4'	SO	+5338	U240
Arakelian 404	13 10 23.8 – 01 00 38	Vir	14.4	0.5 x 0.4'	SO	+5594	U240
Shakhbazian 376	13 56 31.8 + 23 21 22	Boo	15.5-18.4	2.4 x 1.1'	G-Clstr	+19,996	U151
Arakelian 444, NGC 5536	14 16 23.8 + 39 30 08	Boo	14.1	0.8 x 0.8'	SBa	+5848	U77
SBS 1444+517, VV713	14 45 45.1 + 51 34 51	Boo	14.3	0.8 x 0.7'	S	+8936	U50
Kazarian 409, NGC 5832	14 57 45.7 + 71 40 56	UMi	12.9	3.7 x 2.1'	SB(rs)b	+447	U27
Arakelian 468, NGC5845	15 06 00.8 + 01 38 02	Vir	13.5	0.8 x 0.5'	E	+1472	U243
Arakelian 487, NGC 6003	15 49 25.6 + 19 01 55	Ser	14.3	1.0 x 0.8'	SO	+3937	U155
Arakelian 497, UGC 10200	16 05 45.9 + 41 20 41	Her	13.6	0.6 X 0.6'	S	+1991	U79
Kazarian 65, IC 1215	16 15 35.1 + 68 23 52	Dra	14.1	1.1 x 0.6'	SB	+7255	U29
Kazarian 69, IC 1218	16 16 37.1 + 68 12 10	Dra	14.5	1.0 x 0.3'	Sc	+1109	U29
Kazarian 73, NGC 6217	16 32 39.2 + 78 11 53	UMi	11.8	3.0 x 2.4'	(R)SB(rs)	+1362	U11
Kazarian 76, UGC 10500	16 38 59.4 + 57 43 27	Dra	13.9	1.4 x 1.3'	SO/a	+5218	U52
Kazarian 88, NGC 6236	16 44 34.6 + 70 46 49	Dra	12.6	2.9 x 1.6'	SAB(s)cd	+1280	U29
Kazarian 96, NGC 6244	16 48 03.9 + 62 12 02	Dra	14.4	1.5 x 0.3'	SBa	+4378	U29
SBS 1657+590B, NGC 6286	16 58 31.4 + 58 56 11	Dra	14.1	1.5 x 1.4'	Sb pec	+5501	U52
Kazarian 119, UGC 10713	17 04 34.0 + 72 26 48	Dra	14.0	1.8 x 0.3'	Sb	+1077	U29
Kazarian 5, NGC6306	17 07 37.0 + 60 43 44	Dra	14.4	1.0 x 0.2'	SB(s)ab	+2973	U52
Kazarian 460, NGC 6381	17 27 16.8 + 60 00 51	Dra	13.7	1.3 x 0.9'	SA(s)c	+3265	U52
Kazarian 142, UGC 10888	17 29 59.3 + 60 21 01	Dra	14.2	1.0 x 0.6'	(R)SB(r)b	+6149	U52
Arakelian 532, UGC 11000	17 49 26.6 + 36 08 43	Her	14.4	0.6 x 0.3'	S	+1369	U116
Arakelian 534, UGC 11041	17 54 51.8 + 34 46 34	Her	14.1	1.0 x 0.6'	Sab	+4881	U116
Arakelian 536, UGC 11087	18 00 18.9 + 34 38 23	Her	14.6	0.6 x 0.4'	S	+7859	U116
Kazarian 194, NGC 6621	18 12 55.3 + 68 21 48	Dra	14.0	2.0 x 0.7'	Sb pec	+6191	U30
Kazarian 198, NGC 6636	18 22 03.5 + 66 37 13	Dra	14.0	2.1 x 0.3'	S	+3995	U30
Kazarian 210, NGC 6689	18 34 50.2 + 70 31 26	Dra	13.1	3.8 x 1.2'	Sd sp	+467	U30
Arakelian 542, UGC 11566	20 28 11.9 + 00 17 18	Aql	14.2	0.6 x 0.4'	S	+1671	U253

Bona Venatio Fortuna

**LARRY MITCHELL**

TSP - Advanced Observing Program Chairman