

Highlands Astronomical Society in Association with the BA Highlands and Moray

# Messier Challenge

Name:..... Date:..... Signature:.....

## PLATINUM OBJECT LIST

✓	Rank	M	NGC	Popular Name	Const	Type	RA	Dec	O	Best Observed	VM	Size	kLY	Date	Location
	56	102	5866	Spindle Galaxy (disputed)	Dra	LG	15 06.5	+55 46	L	August	9.9	5.2x2.3	40000		
	57	107	6171		Oph	GC	16 32.5	-13 03		August	7.9	10	20.9		
	58	9	6333		Oph	GC	17 19.2	-18 31		August	7.7	9.3	26.7		
	59	23	6494		Sgr	OC	17 56.8	-19 01		August/September	6.9	27	2.15		
	60	24	6603	Sagittarius Star Cloud	Sgr	SF	18 16.9	-18 29	B	August/September	4.6	90	10		
	61	18	6613		Sgr	OC	18 19.9	-17 08		August/September	7.5	9	4.9		
	62	72	6981		Aqr	GC	20 53.5	-12 32	L	September	9.3	5.9	55.4		
	63	73	6994		Aqr	AS	20 58.9	-12 38	L	September	9	2.8	2		
	64	2	7089		Aqr	GC	21 33.5	-00 49		September/October	6.5	12.9	37.5		
	65	76	650	Little Dumbbell	Per	PN	01 42.4	+51 34	L	November	10.1	2.7x1.8	3.4		
	66	77	1068	Cetus A	Cet	SG	02 42.7	-00 01		December	8.9	7x6	60000		
	67	95	3351		Leo	SG	10 44.0	+11 42	L	February/March	9.7	4.4x3.3	38000		
	68	96	3368		Leo	SG	10 46.8	+11 49	L	February/March	9.2	6x4	38000		
	69	105	3379		Leo	EG	10 47.8	+12 35	L	February/March	9.3	2	38000		
	70	108	3556		UMa	SG	11 11.5	+55 40	L	Late winter	10	8x1	45000		
	71	97	3587	Owl Nebula	UMa	PN	11 14.8	+55 01	L	Late winter	9.9	3.4x3.3	2.65		
	72	65	3623	Leo Triplet Member	Leo	SG	11 18.9	+13 05	L	March	9.3	8x1.5	35000		
	73	109	3992		UMa	SG	11 57.6	+53 23	L	Late winter	9.8	7x4	55000		
	74	98	4192		Com	SG	12 13.8	+14 54	L	March/April	10.1	9.5x3.2	60000		
	75	99	4254		Com	SG	12 18.8	+14 25	L	March/April	9.9	5.4x4.8	60000		
	76	61	4303		Vir	SG	12 21.9	+04 28	L	March/April	9.7	6x5.5	60000		
	77	40		Winnecke 4	UMa	SG	12 22.4	+58 05		circumpolar	8.4	0.8	0.51		
	78	100	4321		Com	SG	12 22.9	+15 49	L	March/April	9.3	7x6	60000		
	79	84	4374		Vir	LG	12 25.1	+12 53	L	March/April	9.1	5	60000		
	80	85	4382		Com	LG	12 25.4	+18 11	L	March/April	9.1	7.1x5.2	60000		
	81	86	4406		Vir	LG	12 26.2	+12 57		March/April	8.9	7.5x5.5	60000		
	82	88	4501		Com	SG	12 32.0	+14 25	L	March/April	9.6	7x4	60000		
	83	91	4548		Com	SG	12 35.4	+14 30	L	March/April	10.2	5.4x4.4	60000		
	84	89	4552		Vir	EG	12 35.7	+12 33	L	March/April	9.8	4	60000		
	85	90	4569		Vir	SG	12 36.8	+13 10	L	March/April	9.5	9.5x4.5	60000		
	86	58	4579		Vir	SG	12 37.7	+11 49	L	March/April	9.7	5.5x4.5	60000		
	87	59	4621		Vir	EG	12 42.0	+11 39	L	March/April	9.6	5x3.5	60000		
	88	60	4649		Vir	EG	12 43.7	+11 33		March/April	8.8	7x6	60000		

PN=Planetary Nebula, SG=Spiral Galaxy, EG=Elliptical Galaxy, LG=Lenticular Galaxy, OC=Open Cluster, SF=Star Field (In Milky Way), AS=Asterism, L=Lager aperture required, B=Binoculars V1.1