

## Fuzzies in the Dark

This year we offer several objects from the Herschel 400 and O'Meara's Hidden Treasures. We have also thrown in a few double stars for your enjoyment. Sketching the objects is not required, but encouraged. You must observe at least 20 of the 33 objects to qualify for the award. Goto scopes and image enhancers (photography) are permitted at OSP for the OSP award. A "LA" or IE will be placed on the award certificate and the awards page on the OSP website.

Herschel 400 Objects								
	NGC	Con	R.A.	DEC	Type	MAG	Notes	
1	2392	Gem	7 29.2	20 05.5	PN	9.1	Eskimo Nebula	
2	3877	UMa	11 46.1	47 30	Gal	11.8		
3	3893	UMa	11 48.6	48 43	Gal	11.0		
4	5474	UMa	14 05	53 40	Gal	10.9	Close to 5676	
5	5676	Boo	14 32.8	49 28	Gal	11.2	Close to 5474	
6	5689	Boo	14 35.5	48 45	Gal	11.9		
7	6118	Ser	16 21.8	-2 17	Gal	11.7	Difficult	
8	6171	Oph	16 32.5	-13 03	GC	8.1		
9	6229	Her	16 47	47 32	GC	9.4		
10	6342	Oph	17 21.2	-19 35	GC	9.9	Near M9	
11	6356	Oph	17 23.6	-17 49	GC	8.4	Near M9	
12	6401	Oph	17 38.6	-23 55	GC	9.5		
13	6451	Sco	17 50.7	-30 13	OC	8.0	Start at M6	
14	6514	Sag	18 2.5	-23 02	Neb	6.3	Trifid, Observe Nebula, Not Cluster	
15	6517	Oph	18 1.8	-2 17	GC	10.3		
16	6520	Sag	18 3.4	-27 54	OC	8.0		
17	6633	Oph	18 27.7	6 34	OC	6.0		
18	6755	Aql	19 7.8	4 14	OC	7.5		
19	6756	Aql	19 8.7	4 41	OC	11.0		
20	6781	Aql	19 18.4	6 33	PN	12.0		
21	7293	Aqu	22 29.6	-20 48	PN	6.5	Helix Nebula	

### O'Meara's Hidden Treasures

22	404	And	01 9.4	35 43	Gal	10.1	Mirach's Ghost, Dwarf, Right off Mirach	
23	772	Ari	01 59.3	19 00	Gal	10.3	Fiddlehead Galaxy	
24	770	Ari	01 59.2	18 57	Gal	12.9	S. of 772, Companion of 772	
25	908	Cet	02 23.1	-21 14	Gal	10.2	Starburst Galaxy	
26	1333	Per	03 29.3	31 25	Neb	5.7	Small 8.5 Deg SE of M45	
27	1647	Tau	04 46	19 04	OC	6.4	NE of Hyades	
28	5866	Dra	15 6.5	55 46	Gal	9.8		
29	6441	Sco	17 50.2	-37 03	GC	7.4	Early Challenge. Right off G Scorpius	

### Double Stars

	Name	Con	Mag	Mag 1	Mag 2	Sep	Notes
30	Gamma	And	2.1	2.2	5.5	9.8	Gold and Blue
31	Gamma	And				0.4	Split the B Companion
32	1	Ari	5.4	5.4	6.6	2.8	Gold and Blue, 3 Galaxies Surround
33	Delta	Cyg	2.9	2.9	6.3	2.5	Tight Tough Split