

## 2025 ASP Extra Observing Targets

Here are a few extra "off the beaten track" target objects that even experienced observers should enjoy hunting down.

Done	Object	Type	Con	Mag	Size/Sep	RA	Dec	Difficulty	
___	M109	GX	Uma	9.8	7.6' x 4.3'	11:57:36	53:23:00	1	See p63 in Pocket Sky Atlas

A Messier galaxy that is not looked at very often as it is very faint and diffuse. It always looks better in a dark sky so give it a try tonight.

___	NGC40	PN	CEP	10.2	0.6' x 0.4'	00:13:01	72:31:19	3	See p1 in Pocket Sky Atlas
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Bowtie Nebula, small, faint, round planetary nebula, brighter middle, mag 11.2 central star. A good starhopping test as there are not many bright guide stars nearby. On the RASC Finest NGC list.

___	NGC6802	OC	VUL	8.8	3.2'	19:30:36	20:16:00	2	See p64 in Pocket Sky Atlas
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A small open cluster just off the eastern end of Cr399 (The Coathanger or Brocchi's Cluster). Around 50 faint stars in a compact area that needs higher powers to see clearly. On the RASC Finest NGC list.

___	NGC185	GX	CAS	9.2	14' x 12'	00:39:00	48:20:00	3	See p3 in Pocket Sky Atlas
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A small and faint galaxy that is a companion to M31 in Andromeda. On the RASC Finest NGC list.

___	65 Piscium	DS	PSC	6.3/6.3	3.7"	00:49:53	27:42:36	2	See p5 in Pocket Sky Atlas
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A very nice close double, both stars identical magnitude, will need some magnification to split.