

| NGC 6717 | GC | 1855.1 | -22 42 | 3.9 | 9.2 | Sgr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| very unusual small, faint glow just 2' south of mag 5 Nu 2 Sagitarii! |  |  |  |  |  |  |
| Terzan 7 | GC | 1917.7 | -34 40 | 2.6 | 12 | Sgr |
|  | low surface brightness glow with little, if any, central concentration (this globular may have captured from the Sagittarius dwarf Spheroidal galaxy) |  |  |  |  |  |
| Arp 2 | GC | 1928.7 | $-3021$ | 2.5 | 12.3 | Sgr |
|  | extremely low surface brightness 2 ' glow with a very small brighter core. Situated in a rich star field and difficult to pick out. |  |  |  |  |  |
| NGC 6822 | GX-IBm | 1945.0 | -14 48 | $15.5 \times 13.5$ | 8.8 | Sgr |
|  | use an Olll filter on Barnard's galaxy and search for small HII regions on the north side of the galaxy. |  |  |  |  |  |
| Palomar 11 | GC | 1945.2 | -0800 | 8 | 9.8 | Aql |
|  | this Palomar globular appears as a diffuse, irregular glow 4' SSE of a mag 9 star. Try to resolve at high power. |  |  |  |  |  |
| Abell 65 | PN | 1946.6 | -23 09 | 134"x34" |  | Sgr |
|  | this relatively bright Abell planetary is noticeably elongated NW-SE and appears similar to a low surface brightness galaxy. |  |  |  |  |  |
| Sh 2-84 | EN | 1949.0 | +1823 | 15x3 |  | Sge |
|  | the "Little California Nebula" appears a faint, 4' shallow arc of nebulosity bracketed by two mag 8.5 stars. Located 25' ESE of mag 3.7 Delta Sagittae. |  |  |  |  |  |
| ESO 461-007 | GX-S0 | 1952.1 | -30 49 | $1.2 \times 0.7$ | 13.3 | Sgr |
|  | brightest o | HCG 86 |  |  |  |  |
| Abell 70 | PN | 2031.6 | -0705 | 45"x40" | 14.7 | Aql |
|  | once you've tracked down this planetary, look for a slight brightening on the north side -- that's an uncatalogued galaxy shining through the disc! |  |  |  |  |  |
| ESO 597-036 | GX-S0 pec | 2048.2 | -19 51 | $1.6 \times 0.3$ | 14.3 | Cap |
|  | brightest of 3 or more galaxies in HCG 87 (Hickson compact group). |  |  |  |  |  |
| CRL 2688 | PPN | 2102.3 | +36 42 | 24"x6" |  | Cyg |
|  | the bi-polar Egg Nebula appears as a small, faint double object at high power. |  |  |  |  |  |
| vdB 142 | RN/DN | 2136.7 | +5730 | 15 |  | Cep |
|  | the "Elephant's Trunk" is an unusual cometary globule (associated with star formation) on the west side of the huge but faint HII complex, IC 1396. Look for a 15'x5' lane using a UHC filter. |  |  |  |  |  |
| NGC 7320 | GX-Sd | 2236.1 | +33 57 | $2.2 \times 1.1$ | 12.6 | Peg |
|  | brightest in Stephan's Quintet. If the Quintet is easy, look for NGC 7320A 12' SE, NGC 7320B 20' E and NGC 7320C just 4' E of NGC 7319! |  |  |  |  |  |
| Sh 2-155 | EN | 2256.8 | +62 37 | 50x30 |  | Cep |
|  | Sh 2-155 is the "Cave Nebula" included by Patrick Moore in his "Caldwell Catalogue". Look for just a large, diffuse glow mostly surrounding a mag 8.5 star and a small knot 3' ENE. |  |  |  |  |  |
| NGC 7492 | GC | 2308.4 | -15 37 | 4.2 | 11.5 | Aqr |
|  | low surface brightness NGC globular. |  |  |  |  |  |
| Sh 2-157 | EN | 2316.0 | +60 28 | $60 \times 50$ |  | Cas |
|  | this huge HII region appears as a faint, curving graceful arc, $\sim 35^{\prime} \times 8^{\prime}$, very elongated $N$-S and bowed out on the following side with an OIII filter. Extends north and south of open cluster Markarian 50 off the west side. |  |  |  |  |  |
| Abell 84 | PN | 2347.8 | +5124 | 147"x114" | 13 | Cas |
|  | look for a | III filter wi | embedde | the east sid |  |  |

