

## Ursa Major - The Great Bear

Observed: No

| Object    | Her    | Type                  | Mag  | Alias/Notes  |
|-----------|--------|-----------------------|------|--|
| NGC 2519  |        | Non-Existent          |      | STAR KAZ365 PGC 22800  |
| NGC 2605  |        | Non-Existent          |      |  |
| NGC 2631  |        | Non-Existent          |      | NGC 2630 PGC 24614 UGC 4547 MCG 12-9-9 CGCG 331-61 CGCG 332-8                    |
| NGC 2666  |        | Non-Existent          |      |  |
| NGC 2676  |        | Glxy S0:              | 14.1 | UGC 4627 MCG 8-16-32 CGCG 237-22 PGC 24881                                       |
| NGC 2686  |        | Non-Existent          |      |  |
| NGC 2687  |        | Non-Existent          |      | NGC 2678A  |
| NGC 2688  |        | Glxy S                | 16.9 | MCG 8-16-40 PGC 25048  |
| NGC 2689  |        | Glxy                  |      | PGC 25042  |
| NGC 2816  |        | Non-Existent          |      |  |
| NGC 2820A |        | Non-Existent          |      | IC 2458 PGC 26485 MCG 11-12-5 UGC A159 MK 108 CGCG 312-4 7ZW276                  |
| NGC 2810B |        | Glxy S                | 16.2 |  |
| NGC 2810A |        | Non-Existent          |      |  |
| NGC 2909  |        | Non-Existent          |      |  |
| NGC 2959A |        | Non-Existent          |      |  |
| NGC 3000  |        | Non-Existent          |      |  |
| NGC 3002  |        | Non-Existent          |      | STAR MCG 0-3-14 PGC 28208  |
| NGC 3004  |        | Non-Existent          |      |  |
| NGC 3010B |        | Glxy S                | 14.5 |  |
| NGC 3010A |        | Glxy S                | 14.6 |  |
| NGC 3010C |        | Glxy S                | 15   |  |
| NGC 3063  | H909-2 | Non-Existent          |      |  |
| NGC 3097  |        | Non-Existent          |      |  |
| NGC 3111  |        | Glxy S0-:             | 14   | UGC 5441 MCG 8-19-2 CGCG 240-7 PGC 29338   |
| NGC 3135  |        | Glxy S?               | 14.4 | UGC 5486 MCG 8-19-7 CGCG 240-15 PGC 29646  |
| IC 598    |        | Glxy S0/a             | 13.9 | UGC 5502 MCG 7-21-16 CGCG 211-17 PGC 29745                                       |
| NGC 3170  |        | Non-Existent          |      |  |
| NGC 3179  |        | Glxy S0               | 14.1 | UGC 5555 MCG 7-21-36 CGCG 211-37 PGC 30078                                       |
| NGC 3181  |        | Knt in Glxy           |      |  |
| NGC 3180  |        | Knt in Glxy SAB(rs)cd | 10.4 | NGC 3184 PGC 30087 UGC 5557 MCG 7-21-37 CGCG 211-38 KUG 1015+416                 |
| NGC 3192  | H704-3 | Non-Existent          |      | NGC 3191 PGC 30128 MCG 8-19-17   |
| NGC 3191  |        | Glxy SB(s)bc pec      | 14.1 | NGC 3192 PGC 30136 UGC 5565 MCG 8-19-18 CGCG 240-26 IRAS 10160+4642 KUG 1016+467 |
| IC 604    |        | Non-Existent          |      |  |
| NGC 3231  |        | Open Cl 10.0 cluster? |      |  |
| NGC 3284  | H912-3 | Non-Existent          |      |  |
| NGC 3374  | H701-3 | Glxy SBc              | 14.4 | UGC 5901 MCG 7-22-66 CGCG 212-57 IRAS 10451+4327 PGC 32266                       |
| IC 646    |        | Glxy Sa?              | 15.3 | MCG 9-18-39 CGCG 267-19 PGC 32568  |
| NGC 3416  |        | Glxy S?               | 15.4 | MCG 7-22-73 CGCG 213-2 CGCG 212-63 ARAK260 KUG 1048+440 PGC 32588                |
| NGC 3468  | H632-3 | Glxy S0               | 14   | UGC 6048 MCG 7-23-6 CGCG 213-10 PGC 32940  |
| IC 2614   |        | Non-Existent          |      |  |
| IC 2615   |        | Glxy                  | 15.5 | CGCG 184-44 PGC 33289  |
| IC 2616   |        | Glxy                  | 15.8 | MCG 7-23-12 CGCG 213-18 PGC 33291  |
| IC 2617   |        | Glxy S                | 15   | MCG 7-23-11 CGCG 213-19 PGC 33292  |
| IC 2619   |        | Glxy                  | 15.7 | CGCG 184-45 PGC 33297  |
| IC 2620   |        | Glxy S?               | 15.1 | MCG 7-23-14 CGCG 213-20 PGC 33332  |

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|-----------|--------|--------------------|------|--|
| NGC 3527  | H350-3 | Glxy (R)SB(r)ab:   | 14.6 | UGC 6170 MCG 5-26-59 CGCG 155-66 PGC 33669                                       |
| NGC 3536  |        | Glxy SB?           | 14.7 | UGC 6191 MCG 5-26-61 CGCG 155-73 PGC 33779                                       |
| NGC 3539  |        | Glxy S?            | 15.5 | MCG 5-26-65 CGCG 155-77 PGC 33799  |
| NGC 3540  |        | Glxy SB0           | 14.3 | NGC 3548 PGC 33806 UGC 6196 MCG 6-25-11 CGCG 185-11 KARA467                      |
| NGC 3542  |        | Glxy S?            | 15.1 | MCG 6-25-13 CGCG 185-13 IRAS 11071+3712 PGC 33868                                |
| NGC 3545A |        | Glxy E             | 14.8 | MCG 6-25-16 CGCG 185-15 VV 182 PGC 33894   |
| NGC 3545  |        | Non-Existent       |      | NGC 3545A  |
| NGC 3545B |        | Glxy E             | 14.8 | MCG 6-25-17 CGCG 185-15 VV 182 PGC 33893   |
| NGC 3548  |        | Non-Existent       |      |  |
| IC 674    |        | Glxy Sab           | 14.3 | UGC 6221 MCG 7-23-27 CGCG 213-31 PGC 33982                                       |
| NGC 3561  |        | Non-Existent SB0-a | 13.8 | NGC 3561B UGC 6224 MCG 5-27-10 CGCG 156-11 CGCG 155-90 VV 237 ARP 105 PGC 33991  |
| NGC 3569  |        | Glxy SA0^          | 14.3 | UGC 6238 MCG 6-25-20 CGCG 185-18 PGC 34075                                       |
| NGC 3577  | H723-3 | Glxy SB(r)a        | 14.3 | UGC 6257 MCG 8-21-6 CGCG 242-10 PGC 34195  |
| NGC 3595  | H706-3 | Glxy E?            | 13.1 | UGC 6280 MCG 8-21-9 CGCG 242-14 PGC 34325  |
| NGC 3600  | H709-2 | Glxy Sa?           | 12.6 | UGC 6283 MCG 7-23-38 MK 1443 CGCG 213-38 IRAS 11130+4152 KUG 1113+418 PGC 34353  |
| NGC 3614A |        | Glxy SB(s)m        | 12.7 | MCG 8-21-14 PGC 34562  |
| NGC 3648  |        | Glxy S0            | 13.6 | UGC 6389 MCG 7-23-43 CGCG 213-43 CGCG 214-2 PGC 34908                            |
| NGC 3658  | H59-4  | Glxy SA(r)0^:      | 13.1 | UGC 6409 MCG 7-24-2 CGCG 214-3 PGC 35003   |
| IC 687    |        | Glxy Sb            | 14.9 | MCG 8-21-32 CGCG 242-33 PGC 35029  |
| NGC 3677  |        | Glxy (R')SA(r)0/a: | 13.3 | UGC 6441 MCG 8-21-35 CGCG 242-35 IRAS 11235+4714 PGC 35181                       |
| NGC 3690A |        | Glxy Sb/P          | 11.2 |  |
| NGC 3690B |        | Glxy Sb/P          | 10.9 |  |
| NGC 3694  |        | Glxy S?            | 13.9 | UGC 6480 MCG 6-25-76 CGCG 185-70 ARAK296 IRAS 11262+3541 PGC 35352               |
| IC 2861   |        | Glxy E/S0          | 15.5 | MCG 7-24-11 CGCG 214-9 PGC 35357   |
| NGC 3698  |        | Non-Existent       |      |  |
| NGC 3695  |        | Glxy S             | 14.8 | NGC 3698 PGC 35389 UGC 6490 MCG 6-25-78 CGCG 185-71                              |
| NGC 3700  |        | Glxy (R')SB(r)ab   | 14.9 | UGC 6494 MCG 6-25-79 CGCG 185-73 PGC 35413                                       |
| NGC 3714  | H353-3 | Glxy I?            | 15.1 | UGC 6516 MCG 5-27-85 CGCG 156-95 ARAK297 KUG 1129+286 PGC 35556                  |
| IC 2925   |        | Glxy               | 15.8 | CGCG 185-82 CGCG 186-1 PGC 35667   |
| IC 2928   |        | Glxy Sbc           | 14.5 | UGC 6540 MCG 6-25-86 CGCG 185-87 CGCG 186-5 PGC 35687                            |
| IC 2933   |        | Glxy Sab           | 15.1 | UGC 6550 MCG 6-26-4 CGCG 185-89 CGCG 186-7 PGC 35732                             |
| NGC 3737A |        | Glxy S0            | 14.8 |  |
| NGC 3741  |        | Glxy Im            | 14.3 | UGC 6572 MCG 8-21-68 CGCG 242-57 PGC 35878                                       |
| NGC 3755  |        | Glxy SAB(rs)c pec  | 13.5 | UGC 6577 MCG 6-26-8 CGCG 186-12 PGC 35913  |
| IC 2946   |        | Glxy               | 15.2 | CGCG 186-13 PGC 35984  |
| IC 2947   |        | Glxy S?            | 14.9 | MCG 5-28-2 CGCG 156-102 CGCG 157-3 PGC 35981                                     |
| NGC 3795B |        | Glxy E-S0          | 13.2 |  |
| NGC 3795A |        | Glxy Scd           | 13.5 |  |
| NGC 3797  |        | Non-Existent       |      |  |
| NGC 3794  | H773-3 | Glxy SAB(s)d       | 13.5 | NGC 3804 UGC 6640 MCG 9-19-153 CGCG 292-19 CGCG 268-70 IRAS 11381+5628 PGC 36238 |
| NGC 3811  | H737-2 | Glxy SB(r)cd:      | 12.9 | UGC 6650 MCG 8-21-91 MK 185 CGCG 242-74 IRAS 11386+4758 PGC 36265                |
| IC 2950   |        | Glxy Sc            | 14.9 | MK 638 CGCG 186-26 KUG 1138+382 PGC 36287  |
| IC 726    |        | Glxy               |      |  |
| NGC 3847  |        | Glxy E             | 14.3 | NGC 3856 PGC 36504 UGC 6708 MCG 6-26-23 CGCG 186-32                              |

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|-----------|--------|-----------------|------|---|
| NGC 3856  |        | Non-Existent    |      | NGC 3847 PGC 36569 MCG 6-26-28 CGCG 186-36  |
| IC 2952   |        | Glxy            | 15.7 | MCG 6-26-24 CGCG 186-31 ARAK315 KUG 1141+336 PGC 36508                            |
| IC 2953   |        | Non-Existent    |      | NGC 3855 UGC 6709 MCG 6-26-25 CGCG 186-33 PGC 36530                               |
| NGC 3855  |        | Glxy (R')SB(r)b | 14.8 |   |
| IC 731    |        | Glxy            | 15.7 | MCG 8-21-96 CGCG 242-79 CGCG 243-3 PGC 36626                                      |
| IC 729    |        | Glxy            | 15.5 | CGCG 186-37 PGC 36627   |
| IC 2957   |        | Non-Existent    |      |   |
| IC 2958   |        | Glxy SB         | 17.2 | MCG 6-26-30 PGC 36665   |
| IC 2959   |        | Non-Existent    |      | NGC 3871 UGC 6744 MCG 6-26-31 CGCG 186-41 PGC 36702                               |
| NGC 3871  |        | Glxy S          | 15.5 | IC 2959 PGC 36702 UGC 6744 MCG 6-26-31 CGCG 186-41                                |
| NGC 3878  |        | Glxy E          | 14.8 | MCG 6-26-32 CGCG 186-42 PGC 36708   |
| IC 2960   |        | Non-Existent    |      |   |
| NGC 3880  |        | Glxy S0?        | 14.8 | MCG 6-26-33 CGCG 186-43 PGC 36712   |
| NGC 3881  |        | Glxy S0/a       | 15.3 | MCG 6-26-34 CGCG 186-46 PGC 36722   |
| NGC 3835A |        | Glxy Sb         | 13.1 |   |
| IC 2961   |        | Glxy SBab:      | 15.4 | MK 748 CGCG 157-34 PGC 36812  |
| NGC 3891  | H723-2 | Glxy Sbc        | 13.2 | UGC 6772 MCG 5-28-31 CGCG 157-35 PGC 36832  |
| NGC 3896  | H739-2 | Glxy SB0/a: pec | 13.9 | UGC 6781 MCG 8-22-8 CGCG 243-9 PGC 36897  |
| NGC 3897  | H408-2 | Glxy Sbc        | 13.6 | UGC 6784 MCG 6-26-41 CGCG 186-54 PGC 36902  |
| NGC 3906  | H715-3 | Glxy SB(s)d     | 13.5 | UGC 6797 MCG 8-22-12 CGCG 243-11 IRAS 11469+4842 PGC 36953                        |
| IC 740    |        | Non-Existent    |      | UGC 6813 MCG 9-20-1 CGCG 268-92 CGCG 269-4 IRAS 11480+5537 KUG 1148+556 PGC 37024 |
| IC 2967   |        | Glxy E?         | 14.7 | MCG 5-28-38 CGCG 157-42 PGC 37042   |
| NGC 3917A |        | Non-Existent    |      |   |
| NGC 3930  | H616-3 | Glxy SAB(s)c    | 13.1 | UGC 6833 MCG 6-26-45 CGCG 186-59 KUG 1149+382 PGC 37132                           |
| NGC 3928  | H740-2 | Glxy SA(s)b?    | 13.2 | UGC 6834 MCG 8-22-19 MK 190 CGCG 243-19 IRAS 11491+4857 PGC 37136                 |
| NGC 3930A |        | Glxy S?         | 15.7 |   |
| NGC 3935  |        | Glxy S?         | 14.2 | UGC 6843 MCG 6-26-49 CGCG 186-61 KUG 1149+326 PGC 37183                           |
| NGC 3932  |        | Glxy Sbc        | 15   | MCG 8-22-23 CGCG 243-22 PGC 37194   |
| IC 2971   |        | Glxy            | 15.7 | CGCG 157-49 PGC 37275   |
| NGC 3950  |        | Glxy E0;        |      | MCG 8-22-30 PGC 37294   |
| IC 2973   |        | Glxy SB(s)d:    | 14.3 | UGC 6872 MCG 6-26-52 CGCG 186-66 KUG 1151+336 PGC 37308                           |
| NGC 3971  | H724-2 | Glxy S0         | 13.7 | NGC 3984 PGC 37443 UGC 6899 MCG 5-28-47 CGCG 157-54                               |
| NGC 3966  |        | Glxy Compact    | 15.5 | PGC 37462 MCG 5-28-48 CGCG 157-56 KUG 1153+324                                    |
| NGC 3980  |        | Non-Existent    |      | NGC 3977 PGC 37497 UGC 6909 MCG 9-20-34 CGCG 269-17                               |
| NGC 3985  | H707-3 | Glxy SB(s)m:    | 13.1 | UGC 6921 MCG 8-22-45 CGCG 243-31 ARAK334 IRAS 11541+4836 PGC 37542                |
| IC 2981   |        | Non-Existent    |      |   |
| NGC 3984  |        | Non-Existent    |      | NGC 3971 PGC 37632 UGC 6943 MCG 5-28-58 CGCG 157-64                               |
| NGC 4001  |        | Glxy E4; Dwarf? | 15.6 | MCG 8-22-47 CGCG 243-33 PGC 37656   |
| IC 749    |        | Glxy SAB(rs)cd  | 12.9 | UGC 6962 MCG 7-25-8 CGCG 215-9 PGC 37692  |
| NGC 4010  |        | Glxy SB(s)d: sp | 13.2 | UGC 6964 MCG 8-22-49 CGCG 243-34 PGC 37697  |
| IC 750    |        | Glxy Sab: sp    | 12.9 | UGC 6973 MCG 7-25-10 CGCG 215-12 PGC 37719  |
| IC 751    |        | Glxy Sb? sp     | 15.1 | UGC 6972 MCG 7-25-11 CGCG 215-11 KUG 1156+428A PGC 37721                          |
| NGC 4020  | H725-2 | Glxy SBd? sp    | 13.3 | UGC 6971 MCG 5-28-66 CGCG 157-72 IRAS 11563+3041 PGC 37723                        |
| IC 2984   |        | Glxy S          | 15.6 | MCG 5-28-68 CGCG 157-73 KUG 1156+309 PGC 37734                                    |
| NGC 4025  | H617-3 | Glxy SB(s)cd    | 14   | UGC 6982 MCG 6-26-64 DDO107 CGCG 186-80 KUG 1156+380 PGC 37738                    |

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| IC 2985   |        | Glxy SB?         | 15.1 | UGC 6981 MCG 5-28-69 CGCG 157-74 KUG 1156+310 PGC 37744                 |
| IC 752    |        | Glxy S           | 15.2 | CGCG 215-14 KUG 1156+428B PGC 37747                                     |
| IC 2986   |        | Glxy S0?         | 14.8 | MCG 5-28-72 CGCG 157-79 PGC 37795                                       |
| NGC 4031  |        | Glxy S?          | 15.3 | MCG 5-28-75 CGCG 157-82 ARAK341 PGC 37855                               |
| IC 757    |        | Non-Existent     |      |   |
| IC 2987   |        | Glxy S?          | 15.4 | MK 44 CGCG 215-18 KUG 1200+390 PGC 38088                                |
| IC 2992   |        | Non-Existent     |      |   |
| IC 2993   |        | Non-Existent     |      |   |
| IC 2999   |        | Glxy S           | 15.6 | CGCG 158-17 KUG 1203+316 PGC 38352                                      |
| NGC 4097  | H400-3 | Glxy S0          | 14.4 | UGC 7092 MCG 6-27-4 CGCG 187-4 PGC 38363                                |
| IC 3001   |        | Glxy S           | 15.7 | MCG 6-27-7 CGCG 187-6 PGC 38379   |
| NGC 4154  | H845-3 | Non-Existent     |      |   |
| IC 778    |        | Non-Existent     |      |   |
| IC 3166   |        | Non-Existent     |      |   |
| IC 3180   |        | Non-Existent     |      |   |
| NGC 4644A |        | Non-Existent     |      |   |
| NGC 4644B |        | Glxy Sc          | 15.1 |   |
| IC 3791   |        | Non-Existent     |      |   |
| IC 847    |        | Non-Existent     |      | NGC 4973 MCG 9-22-9 CGCG 270-49 CGCG 271-5 PGC 45280                    |
| IC 4205   |        | Non-Existent     |      |   |
| NGC 5216A |        | Glxy S           | 13.3 |   |
| IC 902    |        | Glxy Sb          | 14.5 | UGC 8593 MCG 8-25-24 CGCG 246-17 IRAS 13340+5012 PGC 47985              |
| NGC 5256  | H673-3 | Glxy Pec         | 14   | UGC 8632 MCG 8-25-31 MK 266 CGCG 246-21 1ZW67 IRAS 13362+4831 PGC 48192 |
| IC 917    |        | Non-Existent     |      |   |
| IC 918    |        | Non-Existent     |      | (STAR)  |
| IC 919    |        | Glxy             |      |   |
| IC 921    |        | Glxy             |      |   |
| IC 923    |        | Glxy             |      |   |
| IC 925    |        | Glxy             |      |   |
| IC 926    |        | Glxy             |      |   |
| IC 929    |        | Glxy             |      |   |
| IC 928    |        | Glxy E           | 15   |   |
| IC 930    |        | Glxy             |      |   |
| IC 932    |        | Glxy             |      |   |
| IC 931    |        | Glxy E           | 15.7 |   |
| IC 934    |        | Glxy             |      | IC 934  |
| IC 935    |        | Non-Existent     |      | (STAR)  |
| IC 936    |        | Non-Existent     |      | IC 936  |
| IC 937    |        | Glxy             |      |   |
| IC 938    |        | Glxy             |      |   |
| NGC 5425  |        | Glxy Sd          | 14.2 | UGC 8933 MCG 8-26-1 CGCG 247-2 IRAS 13588+4841 PGC 49889                |
| NGC 5449  |        | Knt in Glxy      |      |   |
| NGC 5450  |        | Knt in Glxy      |      |   |
| NGC 5453  |        | Knt in Glxy      |      |   |
| NGC 5455  |        | Knt in Glxy GxyP |      |   |

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| NGC 5458              |     | Knt in Glxy  |      |             |
| NGC 5502              |     | Non-Existent |      |             |
| NGC 6298              |     | Glxy S0      | 14.6 | PGC 59589   |
| <b>Sub Total: 182</b> |     |              |      |             |

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|----------------|-----|-------------------|------|--|
| IC 522         |     | Glxy S0           | 14   | UGC 4654 MCG 10-13-31 CGCG 288-10 PGC 25009                              |
| IC 644         |     | Glxy S            | 14.6 | UGC 5954 MCG 9-18-38 CGCG 267-18 PGC 32564                               |
| IC 691         |     | Glxy I?           | 14.5 | UGC 6447 MCG 10-16-139 MK 169 CGCG 291-70 IRAS 11238+5925 PGC 35206      |
| IC 694         |     | Glxy SBm? pec     | 12.1 | UGC 6471 MCG 10-17-2 MK 171 CGCG 291-73 VV 118 ARP 299 PGC 35326         |
| IC 705         |     | Glxy C            | 14.8 | MCG 8-21-49 CGCG 268-50 PGC 35644  |
| IC 708         |     | Glxy E            | 14   | UGC 6549 MCG 8-21-56 CGCG 242-48 PGC 35720                               |
| IC 709         |     | Glxy E?           | 14.9 | MCG 8-21-57 CGCG 242-49 PGC 35736  |
| IC 711         |     | Glxy E?           | 15.1 | MCG 8-21-62 CGCG 242-53 PGC 35780  |
| IC 712         |     | Glxy S?           | 14.7 | MCG 8-21-63 CGCG 242-54 PGC 35785  |
| IC 758         |     | Glxy SB(rs)cd:    | 14   | UGC 7056 MCG 11-15-14 CGCG 315-9 PGC 38173                               |
| IC 830         |     | Glxy S?           | 14.5 | UGC 8003 MCG 9-21-55 CGCG 270-28 PGC 43533                               |
| IC 852         |     | Glxy S0-:         | 14.6 | UGC 8213 MCG 10-19-35 CGCG 294-18 PGC 45472                              |
| IC 853         |     | Glxy (R')SAB(s)ab | 14.5 | UGC 8230 MCG 9-22-19 CGCG 271-18 PGC 45560                               |
| IC 875         |     | Glxy S0           | 13.8 | UGC 8355 MCG 10-19-59 MK 249 CGCG 294-30 PGC 46263                       |
| IC 907         |     | Glxy SB?b         | 15.3 | UGC 8643 MCG 9-22-90 CGCG 271-55 PGC 48286                               |
| IC 922         |     | Glxy              |      |  |
| IC 942         |     | Glxy E/S0         | 15.3 | MCG 10-20-31 CGCG 295-13 PGC 48903                                       |
| IC 951         |     | Glxy Sd           | 14.2 | UGC 8775 MCG 9-23-12 CGCG 272-11 PGC 49215                               |
| IC 995         |     | Glxy Sdm:         | 14.7 | UGC 9145 MCG 10-20-91 CGCG 295-42 PGC 50990                              |
| IC 996         |     | Glxy Sbc          | 14.8 | UGC 9152 MCG 10-20-92 CGCG 295-43 IRAS 14157+5751 KUG 1415+578 PGC 51036 |
| IC 2458        |     | Glxy I0 pec:      | 15   | MCG 11-12-5 UGC A159 MK 108 CGCG 312-4 7ZW276 PGC 26485                  |
| IC 2574        |     | Glxy SAB(s)m      | 10.8 | UGC 5666 MCG 12-10-38 DDO81 CGCG 333-31 7ZW330 IRAS 10251+6843 PGC 30819 |
| IC 2600        |     | Glxy S            | 15.6 | MCG 12-10-75 CGCG 333-52 PGC 32151                                       |
| IC 2601        |     | Glxy S            | 15.5 | MCG 12-10-78 CGCG 333-53 PGC 32187                                       |
| IC 2735        |     | Glxy Sab          | 15.4 | UGC 6364 MCG 6-25-48 CGCG 185-41 IRAS 11184+3436 PGC 34772               |
| IC 2738        |     | Glxy S?           | 15.3 | MCG 6-25-49 CGCG 185-42 PGC 34797  |
| IC 2744        |     | Glxy S0?          | 15.4 | MCG 6-25-52 CGCG 185-45 PGC 34833  |
| IC 2751        |     | Glxy Sb           | 15.7 | MCG 6-25-54 CGCG 185-47 PGC 34873  |
| IC 2943        |     | Glxy Sa?          | 15.3 | MK 41 CGCG 268-62 KUG 1133+551 PGC 35926                                 |
| IC 2978        |     | Glxy Sc           | 15.1 | UGC 6915 MCG 5-28-51 CGCG 157-57 KUG 1153+323 PGC 37515                  |
| IC 2979        |     | Glxy SB0          | 14.5 | UGC 6925 MCG 5-28-54 CGCG 157-59 PGC 37559                               |
| MAC 0835+5247  |     | Glxy              | 16.5 |  |
| MAC 0855+4904A |     | Glxy              | 16.5 |  |
| MAC 0900+5040  |     | Glxy              | 16   |  |
| MAC 0932+5730  |     | Glxy              | 15   |  |
| MAC 1002+5355  |     | Glxy              | 16   |  |

## Ursa Major - The Great Bear

Observed: Yes

| Object         | Her | Type | Mag  | Alias/Notes |
|----------------|-----|------|------|-------------|
| MAC 1027+6826  |     | Glxy | 15.1 |             |
| MAC 1039+4754  |     | Glxy | 16.5 |             |
| MAC 1043+4053  |     | Glxy | 16   |             |
| MAC 1046+7227  |     | Glxy | 15   |             |
| MAC 1047+7220A |     | Glxy | 16   |             |
| MAC 1047+7221  |     | Glxy | 16   |             |
| MAC 1051+5055  |     | Glxy | 16   |             |
| MAC 1051+5523  |     | Glxy | 16   |             |
| MAC 1052+5050  |     | Glxy | 16   |             |
| MAC 1052+5524  |     | Glxy | 16   |             |
| MAC 1100+5743  |     | Glxy | 16   |             |
| MAC 1103+4050  |     | Glxy | 16.5 | ARP 148     |
| MAC 1107+5720  |     | Glxy | 16   |             |
| MAC 1108+5708  |     | Glxy | 16.5 |             |
| MAC 1108+5721  |     | Glxy | 16.5 |             |
| MAC 1109+2816A |     | Glxy | 17   |             |
| MAC 1110+2827  |     | Glxy | 15   |             |
| MAC 1110+2828A |     | Glxy | 16   |             |
| MAC 1110+2828B |     | Glxy | 17   |             |
| MAC 1110+2828C |     | Glxy | 15.5 |             |
| MAC 1110+2829  |     | Glxy | 16   |             |
| MAC 1110+2830  |     | Glxy | 16.5 |             |
| MAC 1110+2833  |     | Glxy | 15.5 |             |
| MAC 1110+2834  |     | Glxy | 16   |             |
| MAC 1110+2837  |     | Glxy | 16   |             |
| MAC 1110+2840  |     | Glxy | 15.5 |             |
| MAC 1110+2841A |     | Glxy | 15.5 |             |
| MAC 1110+2841B |     | Glxy | 15.5 |             |
| MAC 1110+2841C |     | Glxy | 15.5 |             |
| MAC 1110+2841D |     | Glxy | 17   |             |
| MAC 1110+2841E |     | Glxy | 15.5 |             |
| MAC 1110+2841F |     | Glxy | 16   |             |
| MAC 1110+2842A |     | Glxy | 15   |             |
| MAC 1110+2842B |     | Glxy | 15.5 |             |
| MAC 1110+2842C |     | Glxy | 15.5 |             |
| MAC 1110+2842D |     | Glxy | 17   |             |
| MAC 1110+2843A |     | Glxy | 17   |             |
| MAC 1110+2843B |     | Glxy | 17   |             |
| MAC 1110+2844  |     | Glxy | 16   |             |
| MAC 1110+2844A |     | Glxy | 16   |             |
| MAC 1110+2845A |     | Glxy | 16   |             |
| MAC 1110+2845B |     | Glxy | 16.5 |             |
| MAC 1110+2847  |     | Glxy | 15.5 |             |
| MAC 1110+2848  |     | Glxy | 17   |             |
| MAC 1111+2830  |     | Glxy | 16   |             |

## Ursa Major - The Great Bear

Observed: Yes

| Object         | Her | Type | Mag  | Alias/Notes |
|----------------|-----|------|------|-------------|
| MAC 1111+2831  |     | Glxy | 16   |             |
| MAC 1111+2832  |     | Glxy | 16   |             |
| MAC 1111+2834  |     | Glxy | 16   |             |
| MAC 1111+2835A |     | Glxy | 16   |             |
| MAC 1111+2835D |     | Glxy | 17   |             |
| MAC 1111+2836A |     | Glxy | 16   |             |
| MAC 1111+2836B |     | Glxy | 16.5 |             |
| MAC 1111+2838  |     | Glxy | 16.5 |             |
| MAC 1111+2840  |     | Glxy | 16   |             |
| MAC 1111+2841  |     | Glxy | 17   |             |
| MAC 1111+2842  |     | Glxy | 16.5 |             |
| MAC 1111+2843B |     | Glxy | 16.5 |             |
| MAC 1111+2845B |     | Glxy | 16   |             |
| MAC 1111+2848  |     | Glxy | 16   |             |
| MAC 1111+2849  |     | Glxy | 16   |             |
| MAC 1115+2904  |     | Glxy | 15.5 |             |
| MAC 1115+2914  |     | Glxy | 16.5 |             |
| MAC 1115+2915  |     | Glxy | 16   |             |
| MAC 1115+2916B |     | Glxy | 16   |             |
| MAC 1115+2918  |     | Glxy | 16.5 |             |
| MAC 1115+5539B |     | Glxy | 16   |             |
| MAC 1115+5548  |     | Glxy | 16   |             |
| MAC 1116+2904  |     | Glxy | 16   |             |
| MAC 1116+2906  |     | Glxy | 17   |             |
| MAC 1116+2908  |     | Glxy | 16.5 |             |
| MAC 1116+2909  |     | Glxy | 17   |             |
| MAC 1116+2909A |     | Glxy | 17   |             |
| MAC 1116+2909B |     | Glxy | 16   |             |
| MAC 1116+2910  |     | Glxy | 15.5 |             |
| MAC 1116+2911  |     | Glxy | 17.5 |             |
| MAC 1116+2912  |     | Glxy | 17   |             |
| MAC 1116+2914  |     | Glxy | 15   |             |
| MAC 1116+2915A |     | Glxy | 15   |             |
| MAC 1116+2915B |     | Glxy | 16   |             |
| MAC 1116+2918  |     | Glxy | 16   |             |
| MAC 1116+2919A |     | Glxy | 16   |             |
| MAC 1116+2919B |     | Glxy | 16.5 |             |
| MAC 1116+2922  |     | Glxy | 16   |             |
| MAC 1116+2926  |     | Glxy | 15.5 |             |
| MAC 1117+2905  |     | Glxy | 15.5 |             |
| MAC 1117+2908  |     | Glxy | 15.5 |             |
| MAC 1119+3419  |     | Glxy | 16   |             |
| MAC 1120+3110  |     | Glxy | 16   |             |
| MAC 1120+3407  |     | Glxy | 15.5 |             |
| MAC 1120+3408  |     | Glxy | 16   |             |

## Ursa Major - The Great Bear

Observed: Yes

| Object         | Her | Type | Mag  | Alias/Notes |
|----------------|-----|------|------|-------------|
| MAC 1120+3424  |     | Glxy | 15   |             |
| MAC 1120+3429  |     | Glxy | 14.5 |             |
| MAC 1120+3433  |     | Glxy | 17   |             |
| MAC 1120+3433A |     | Glxy | 16.5 |             |
| MAC 1120+3435  |     | Glxy | 16.5 |             |
| MAC 1120+3437  |     | Glxy | 15.5 |             |
| MAC 1120+3437A |     | Glxy | 16.5 |             |
| MAC 1120+5749  |     | Glxy | 16   |             |
| MAC 1121+3357  |     | Glxy | 16   |             |
| MAC 1121+3357A |     | Glxy | 17   |             |
| MAC 1121+3402  |     | Glxy | 16   |             |
| MAC 1121+3406  |     | Glxy | 17   |             |
| MAC 1121+3408  |     | Glxy | 16   |             |
| MAC 1121+3411  |     | Glxy | 14.5 |             |
| MAC 1121+3412A |     | Glxy | 15.5 |             |
| MAC 1121+3412B |     | Glxy | 15.5 |             |
| MAC 1121+3415  |     | Glxy | 16.5 |             |
| MAC 1121+3418  |     | Glxy | 16.5 |             |
| MAC 1121+3421  |     | Glxy | 16   |             |
| MAC 1121+3430  |     | Glxy | 16   |             |
| MAC 1121+3432  |     | Glxy | 15.5 |             |
| MAC 1121+3434  |     | Glxy | 16.5 |             |
| MAC 1121+3437  |     | Glxy | 16.5 |             |
| MAC 1122+3401  |     | Glxy | 14.5 |             |
| MAC 1122+3406  |     | Glxy | 15.5 |             |
| MAC 1122+3411  |     | Glxy | 15   |             |
| MAC 1122+3416  |     | Glxy | 16   |             |
| MAC 1122+3421  |     | Glxy | 15   |             |
| MAC 1122+3423  |     | Glxy | 16   |             |
| MAC 1122+3438  |     | Glxy | 17   |             |
| MAC 1122+3749  |     | Glxy | 15.5 |             |
| MAC 1123+5350  |     | Glxy | 15.5 |             |
| MAC 1125+5423  |     | Glxy | 16   |             |
| MAC 1126+5706  |     | Glxy | 15.5 |             |
| MAC 1128+5837  |     | Glxy | 16.5 | ARP 296     |
| MAC 1132+5307  |     | Glxy | 16.5 |             |
| MAC 1133+5307A |     | Glxy | 16.5 |             |
| MAC 1133+5307B |     | Glxy | 16.5 |             |
| MAC 1133+5308  |     | Glxy | 16.5 |             |
| MAC 1134+4904A |     | Glxy | 18   |             |
| MAC 1134+4904B |     | Glxy | 16   |             |
| MAC 1134+4905B |     | Glxy | 16   |             |
| MAC 1134+4906B |     | Glxy | 16   |             |
| MAC 1134+4907A |     | Glxy | 17   |             |
| MAC 1134+4907B |     | Glxy | 16   |             |



## Ursa Major - The Great Bear

Observed: Yes

| Object         | Her | Type | Mag  | Alias/Notes |
|----------------|-----|------|------|-------------|
| MAC 1135+4856  |     | Glxy | 16   |             |
| MAC 1135+4904  |     | Glxy | 16.5 |             |
| MAC 1135+4905B |     | Glxy | 16   |             |
| MAC 1135+4905C |     | Glxy | 16   |             |
| MAC 1135+4912  |     | Glxy | 17   |             |
| MAC 1135+4917  |     | Glxy | 16   |             |
| MAC 1135+5455  |     | Glxy | 15.5 |             |
| MAC 1135+5456A |     | Glxy | 16.5 |             |
| MAC 1135+5456B |     | Glxy | 16   |             |
| MAC 1135+5457A |     | Glxy | 16.5 |             |
| MAC 1135+5457B |     | Glxy | 16   |             |
| MAC 1136+5503  |     | Glxy | 15   |             |
| MAC 1136+5508B |     | Glxy | 15.5 |             |
| MAC 1144+5534  |     | Glxy | 16   |             |
| MAC 1144+5537  |     | Glxy | 15.5 |             |
| MAC 1145+5548  |     | Glxy | 15.5 |             |
| MAC 1147+5559  |     | Glxy | 16   |             |
| MAC 1150+5157  |     | Glxy | 15.5 |             |
| MAC 1151+5200  |     | Glxy | 17   |             |
| MAC 1157+3621  |     | Glxy | 16   |             |
| MAC 1157+3622  |     | Glxy | 15.5 | ARP 194     |
| MAC 1157+4349C |     | Glxy | 16   |             |
| MAC 1158+4349A |     | Glxy | 16.5 |             |
| MAC 1203+5149  |     | Glxy | 16   |             |
| MAC 1204+5147  |     | Glxy | 16   |             |
| MAC 1204+5150  |     | Glxy | 15.5 |             |
| MAC 1219+5643  |     | Glxy | 17   |             |
| MAC 1223+5814  |     | Glxy | 16   |             |
| MAC 1243+5453  |     | Glxy | 16.1 |             |
| MAC 1305+5341  |     | Glxy | 16.5 |             |
| MAC 1305+5342  |     | Glxy | 17   |             |
| MAC 1306+5328  |     | Glxy | 16   |             |
| MAC 1306+5331  |     | Glxy | 16   |             |
| MAC 1306+5332  |     | Glxy | 16   |             |
| MAC 1306+5339  |     | Glxy | 16   |             |
| MAC 1309+5322  |     | Glxy | 15.5 |             |
| MAC 1326+5529  |     | Glxy | 16   |             |
| MAC 1329+5826  |     | Glxy | 16.5 |             |
| MAC 1330+5829  |     | Glxy | 16   |             |
| MAC 1332+6234  |     | Glxy | 15.5 |             |
| MAC 1332+6240  |     | Glxy | 16.5 |             |
| MAC 1342+5531A |     | Glxy | 16.5 |             |
| MAC 1342+5531B |     | Glxy | 16   |             |
| MAC 1342+5536  |     | Glxy | 16   |             |
| MAC 1343+5537A |     | Glxy | 16.5 |             |

## Ursa Major - The Great Bear

Observed: Yes

| Object         | Her    | Type                | Mag  | Alias/Notes  |
|----------------|--------|---------------------|------|--|
| MAC 1343+5538A |        | Glxy                | 16.5 |  |
| MAC 1343+5538B |        | Glxy                | 16.5 |  |
| MAC 1343+5538C |        | Glxy                | 17   |  |
| MAC 1344+5537  |        | Glxy                | 16   |  |
| MAC 1344+5542  |        | Glxy                | 16.5 |  |
| MAC 1353+5838  |        | Glxy                | 16.5 |  |
| MAC 1354+5416  |        | Glxy                | 16.5 |  |
| MAC 1354+5428  |        | Glxy                | 16.5 |  |
| MAC 1355+5927A |        | Glxy                | 16.5 |  |
| MAC 1355+5930  |        | Glxy                | 16   |  |
| MAC 1404+5423B |        | Glxy                | 15.5 |  |
| NGC 2600       |        | Glxy Sb             | 15   | UGC 4475 MCG 9-14-68 CGCG 263-55 PGC 24082                             |
| NGC 2602       |        | Glxy                | 15.6 | MCG 9-14-69 CGCG 263-56 ARAK169 PGC 24099                              |
| NGC 2603       |        | Glxy S              | 15.2 |  |
| NGC 2606       |        | Glxy Sbc            | 15.1 | NGC 2603 MCG 9-14-72 CGCG 263-59 PGC 24117                             |
| NGC 2614       |        | Glxy SA(r)c:        | 13.6 | UGC 4523 MCG 12-9-5 CGCG 331-58 CGCG 332-5 IRAS 8373+7309 PGC 24473    |
| NGC 2629       | H982-3 | Glxy SA(r)0^:       | 13.3 | UGC 4569 MCG 12-9-10 CGCG 331-62 CGCG 332-9 PGC 24682                  |
| NGC 2630       |        | Glxy Sbc            | 15.2 |  |
| NGC 2639       | H204-1 | Glxy (R)SA(r)a:?    | 12.6 | UGC 4544 MCG 8-16-24 CGCG 237-14 IRAS 8400+5023 PGC 24506              |
| NGC 2641       | H983-3 | Glxy S0:            | 14.6 | UGC 4577 MCG 12-9-12 CGCG 331-65 CGCG 332-12 PGC 24722                 |
| NGC 2650       | H908-2 | Glxy SB(rs)b:       | 14.1 | UGC 4603 MCG 12-9-20 CGCG 332-18 PGC 24817                             |
| NGC 2654       |        | Glxy SBab: sp       | 12.7 | UGC 4605 MCG 10-13-17 CGCG 288-6 IRAS 8451+6024 KARA285 PGC 24784      |
| NGC 2656       |        | Glxy SA0- pec:      | 14.9 | MCG 9-15-25 CGCG 264-15 VV 703 PGC 24707                               |
| NGC 2675       |        | Glxy E              | 14.3 | UGC 4629 MCG 9-15-37 CGCG 264-21 PGC 24909                             |
| NGC 2681       | H242-1 | Glxy (R')SAB(rs)0/a | 11.1 | UGC 4645 MCG 9-15-41 CGCG 264-26 ARAK185 IRAS 8500+5130 PGC 24961      |
| NGC 2684       | H712-3 | Glxy S?             | 13.6 | UGC 4662 MCG 8-16-35 CGCG 237-24 IRAS 8514+4921 PGC 25024              |
| NGC 2685       |        | Glxy (R)SB0+ pec    | 11.2 | Helix Galaxy PGC 25065   |
| NGC 2686A      |        | Glxy                | 16.2 | NGC 2686-1 PGC 25026 MCG 8-16-36 VV 765                                |
| NGC 2686B      |        | Glxy                |      | NGC 2686-2 PGC 25025 MCG 8-16-37 VV 765                                |
| NGC 2687A      |        | Glxy S              | 18   | NGC 2687-1 PGC 25031 MCG 8-16-38 VV 765                                |
| NGC 2687B      |        | Glxy S              | 17.4 | NGC 2687-2 PGC 25030 MCG 8-16-39 VV 765                                |
| NGC 2692       | H831-3 | Glxy SBab:          | 14.2 | UGC 4675 MCG 9-15-57 CGCG 264-36 PGC 25142                             |
| NGC 2693       | H823-2 | Glxy E3:            | 12.8 | UGC 4674 MCG 9-15-55 CGCG 264-35 PGC 25144                             |
| NGC 2694       |        | Glxy E1             | 15.4 | MCG 9-15-56 CGCG 264-34 PGC 25143                                      |
| NGC 2701       | H66-4  | Glxy SAB(rs)c:      | 12.7 | UGC 4695 MCG 9-15-63 CGCG 264-43 IRAS 8554+5357 PGC 25237              |
| NGC 2710       | H841-3 | Glxy SB(rs)b        | 13.7 | UGC 4705 MCG 9-15-66 CGCG 264-46 IRAS 8560+5554 PGC 25258              |
| NGC 2726       | H834-2 | Glxy Sa?            | 13.4 | UGC 4750 MCG 10-13-54 CGCG 288-18 IRAS 9010+6007 PGC 25498             |
| NGC 2739       |        | Glxy Sa             | 15.5 | MCG 9-15-85 CGCG 264-59 PGC 25530                                      |
| NGC 2740       |        | Glxy S?             | 14.9 | MCG 9-15-86 CGCG 264-60 PGC 25531                                      |
| NGC 2742       | H249-1 | Glxy SA(s)c:        | 12   | NGC 2816 PGC 25640 UGC 4779 MCG 10-13-57 CGCG 288-19 IRAS 9036+6040    |
| NGC 2742A      |        | Glxy SB(s)b pec?    | 14   | UGC 4803 MCG 10-13-60 CGCG 288-22 CGCG 311-30 IRAS 9059+6227 PGC 25836 |
| NGC 2756       | H828-2 | Glxy Sb             | 13.2 | UGC 4796 MCG 9-15-98 CGCG 264-67 IRAS 9054+5402 PGC 25757              |
| NGC 2762       |        | Glxy S              | 17.9 | MCG 8-17-45 CGCG 264-72 PGC 25828                                      |
| NGC 2767       |        | Glxy S?             | 14.8 | UGC 4813 MCG 8-17-46 CGCG 264-75 PGC 25852                             |

## Ursa Major - The Great Bear

Observed: Yes

| Object   | Her    | Type                 | Mag  | Alias/Notes   |
|----------|--------|----------------------|------|---|
| NGC 2768 | H250-1 | Glxy E6:             | 10.8 | UGC 4821 MCG 10-13-65 CGCG 288-26 PGC 25915   |
| NGC 2769 |        | Glxy Sa              | 13.9 | UGC 4816 MCG 8-17-50 CGCG 264-76 PGC 25870  |
| NGC 2771 |        | Glxy (R')SB(r)ab     | 13.6 | UGC 4817 MCG 8-17-51 CGCG 264-77 PGC 25875  |
| NGC 2787 | H216-1 | Glxy SB(r)0+         | 11.8 | UGC 4914 MCG 12-9-39 CGCG 332-41 IRAS 9148+6924 PGC 26341                               |
| NGC 2800 | H832-3 | Glxy E               | 13.8 | UGC 4920 MCG 9-15-117 CGCG 264-94 PGC 26302   |
| NGC 2805 | H878-3 | Glxy SAB(rs)d        | 11.5 | UGC 4936 MCG 11-12-3 CGCG 312-2 PGC 26410   |
| NGC 2810 | H749-3 | Glxy E               | 13.2 | UGC 4954 MCG 12-9-42 CGCG 332-45 PGC 26514  |
| NGC 2814 | H868-2 | Glxy Sb:             | 13.7 | UGC 4952 MCG 11-12-4 CGCG 312-3 IRAS 9170+6428 PGC 26469                                |
| NGC 2820 | H869-2 | Glxy SB(s)c pec sp   | 12.8 | UGC 4961 MCG 11-12-6 CGCG 312-5 IRAS 9177+6428 PGC 26498                                |
| NGC 2841 | H205-1 | Glxy SA(r)b:         | 10.1 | UGC 4966 MCG 9-16-5 CGCG 265-6 KARA324 PGC 26512  |
| NGC 2854 | H714-3 | Glxy SB(s)b          | 13.8 | UGC 4995 MCG 8-17-92 CGCG 238-46 ARP 285 IRAS 9206+4925 KUG 920+494A PGC 26631          |
| NGC 2856 | H713-3 | Glxy S?              | 14.1 | UGC 4997 MCG 8-17-93 CGCG 238-47 ARP 285 IRAS 9208+4927 KUG 920+494B PGC 26648          |
| NGC 2857 |        | Glxy SA(s)c          | 12.9 | UGC 5000 MCG 8-17-95 CGCG 238-49 ARP 1 PGC 26666  |
| NGC 2870 | H846-3 | Glxy Sbc             | 13.8 | UGC 5034 MCG 10-14-13 CGCG 289-8 IRAS 9241+5735 KARA335 PGC 26856                       |
| NGC 2880 | H260-1 | Glxy SB0-            | 12.5 | UGC 5051 MCG 10-14-15 CGCG 312-11 PGC 26939   |
| NGC 2892 |        | Glxy E+ pec:         | 14.1 | UGC 5073 MCG 11-12-15 CGCG 312-15 PGC 27111   |
| NGC 2895 |        | Glxy SBc             | 14.7 | MCG 10-14-18 CGCG 289-9 PGC 27092   |
| NGC 2950 | H68-4  | Glxy (R)SB(r)0^      | 11.8 | UGC 5176 MCG 10-14-32 CGCG 289-16 PGC 27765   |
| NGC 2959 |        | Glxy (R')SAB(rs)ab p | 13.6 | UGC 5202 MCG 12-9-62 CGCG 332-61 IRAS 9409+6849 PGC 27939                               |
| NGC 2961 |        | Glxy Sb:             | 15.5 | NGC 2959A PGC 27958 MCG 12-9-63 CGCG 332-63   |
| NGC 2976 | H285-1 | Glxy SAc pec         | 10.8 | UGC 5221 MCG 11-12-25 CGCG 312-23 KUG 943+681 PGC 28120                                 |
| NGC 2985 | H78-1  | Glxy (R')SA(rs)ab    | 11.2 | UGC 5253 MCG 12-10-6 CGCG 333-4 CGCG 332-67 IRAS 9459+7230 PGC 28316                    |
| NGC 2998 | H717-2 | Glxy SAB(rs)c        | 12.5 | UGC 5250 MCG 7-20-51 CGCG 210-36 IRAS 9455+4418 PGC 28196                               |
| NGC 3005 |        | Glxy Sb              | 15.8 | MCG 7-20-54 IRAS 9461+4421 PGC 28232  |
| NGC 3006 |        | Glxy Spiral          | 15.7 | MCG 7-20-55 CGCG 210-37 PGC 28235   |
| NGC 3008 |        | Glxy Sb              | 15.5 | MCG 7-20-59 CGCG 210-39 PGC 28252   |
| NGC 3009 |        | Glxy S?              | 14.5 | UGC 5264 MCG 7-20-62 CGCG 239-33 PGC 28303  |
| NGC 3010 |        | Glxy Triple System   | 14.3 | UGC 5273 MCG 7-20-65 CGCG 239-35 PGC 28335  |
| NGC 3027 | H23-5  | Glxy SB(rs)d:        | 12.2 | UGC 5316 MCG 12-10-9 CGCG 332-68 CGCG 333-6 VV 358 IRAS 9513+7226 KUG 951+724 PGC 28636 |
| NGC 3031 |        | Glxy SA(s)ab         | 7.9  | M 81 Bode's Nebula UGC 527 MCG 0-3-17 PGC 28630   |
| NGC 3034 | H79-4  | Glxy I0 sp           | 9.3  | M 82 UM283 PGC 28655  |
| NGC 3043 | H835-2 | Glxy Sb: sp          | 13.4 | UGC 5327 MCG 10-14-52 CGCG 289-23 IRAS 9527+5932 KARA385 PGC 28672                      |
| NGC 3065 | H333-2 | Glxy SA(r)0^         | 13.5 | UGC 5375 MCG 12-10-14 CGCG 333-10 7ZW303 PGC 29046                                      |
| NGC 3066 | H334-2 | Glxy (R')SAB(s)bc p  | 13.6 | UGC 5379 MCG 12-10-15 MK 133 CGCG 333-11 IRAS 9578+7222 KUG 957+723 PGC 29059           |
| NGC 3073 | H853-3 | Glxy SAB0-           | 14.1 | UGC 5374 MCG 9-17-7 MK 131 CGCG 266-6 CGCG 265-54 PGC 28974                             |
| NGC 3077 | H286-1 | Glxy I0 pec          | 9.9  | UGC 5398 MCG 12-10-17 CGCG 333-13 IRAS 9592+6858 PGC 29146                              |
| NGC 3079 | H47-5  | Glxy SB(s)c sp       | 11.5 | UGC 5387 MCG 9-17-10 CGCG 266-8 IRAS 9585+5555 PGC 29050                                |
| NGC 3102 | H916-3 | Glxy S0-:            | 14.3 | UGC 5418 MCG 10-15-7 CGCG 289-30 CGCG 290-4 KARA396 PGC 29220                           |
| NGC 3148 |        | Glxy SB              | 16   | MCG 8-19-11 PGC 29779   |
| NGC 3164 |        | Glxy S?              | 14.6 | UGC 5527 MCG 10-15-36 CGCG 290-18 PGC 29928   |
| NGC 3168 |        | Glxy E               | 14.4 | UGC 5536 MCG 10-15-52 CGCG 290-23 PGC 30001   |
| NGC 3182 | H265-1 | Glxy SA(r)a?         | 13   | UGC 5568 MCG 10-15-62 CGCG 290-27 PGC 30176   |
| NGC 3184 | H168-1 | Glxy SBc             | 9.6  |   |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her    | Type                       | Mag  | Alias/Notes  |
|-----------|--------|----------------------------|------|--|
| NGC 3188  | H910-3 | Glxy (R)SB(r)ab            | 14.6 | UGC 5569 MCG 10-15-65 MK 31 CGCG 290-28 KUG 1016+576B PGC 30183                |
| NGC 3188A |        | Glxy S?                    | 17   |  |
| NGC 3198  | H199-1 | Glxy SB(rs)c               | 10.9 | UGC 5572 MCG 8-19-20 CGCG 240-30 PGC 30197                                     |
| NGC 3202  | H720-2 | Glxy SB(r)a                | 14.1 | UGC 5581 MCG 7-21-41 CGCG 211-44 PGC 30236                                     |
| NGC 3205  | H721-2 | Glxy S?                    | 14.2 | UGC 5585 MCG 7-21-42 CGCG 211-46 PGC 30254                                     |
| NGC 3206  | H266-1 | Glxy SB(s)cd               | 12.6 | UGC 5589 MCG 10-15-69 CGCG 290-30 IRAS 10184+5710 KUG 1018+571 PGC 30322       |
| NGC 3207  | H722-2 | Glxy S?                    | 14.2 | UGC 5587 MCG 7-21-43 CGCG 211-47 PGC 30267                                     |
| NGC 3214  |        | Glxy SA0/a:                | 14.9 | MCG 10-15-71 CGCG 290-32 PGC 30419   |
| NGC 3220  | H911-3 | Glxy Sb: sp                | 13.8 | IC 604 PGC 30462 UGC 5614 MCG 10-15-73 CGCG 290-34                             |
| NGC 3225  | H882-2 | Glxy Scd:                  | 13.3 | UGC 5631 MCG 10-15-77 CGCG 290-37 IRAS 10218+5824 PGC 30569                    |
| NGC 3236  |        | Glxy E/S0                  | 15.3 | MCG 10-15-81 CGCG 290-40 PGC 30711   |
| NGC 3237  | H631-3 | Glxy (R)SAB0 <sup>^</sup>  | 14   | UGC 5640 MCG 7-22-3 CGCG 212-7 PGC 30610                                       |
| NGC 3238  | H883-2 | Glxy SA(r)0 <sup>^</sup> : | 13.9 | UGC 5649 MCG 10-15-80 CGCG 290-41 PGC 30686                                    |
| NGC 3259  | H870-2 | Glxy SAB(rs)bc:            | 12.9 | UGC 5717 MCG 11-13-27 CGCG 313-21 IRAS 10291+6517 PGC 31145                    |
| NGC 3264  |        | Glxy SBdm:                 | 12.5 | UGC 5719 MCG 9-17-69 CGCG 266-54 IRAS 10291+5620 PGC 31125                     |
| NGC 3266  | H871-2 | Glxy SAB0 <sup>^</sup> ?   | 13.4 | UGC 5725 MCG 11-13-30 CGCG 313-22 PGC 31198                                    |
| NGC 3286  | H917-3 | Glxy E?                    | 14.6 | MCG 10-15-112 CGCG 290-56 PGC 31433  |
| NGC 3288  | H918-3 | Glxy SABbc:                | 14.8 | UGC 5752 MCG 10-15-114 CGCG 290-57 PGC 31446                                   |
| NGC 3298  | H767-3 | Glxy E/S0                  | 15   | MCG 8-19-43 CGCG 241-1 CGCG 240-65 PGC 31529                                   |
| NGC 3310  | H60-4  | Glxy SAB(r)bc pec          | 11.2 | UGC 5786 MCG 9-18-8 CGCG 267-4 VV 356 VV 406 ARP 217 IRAS 10356+5345 PGC 31650 |
| NGC 3319  | H700-3 | Glxy SB(rs)cd              | 11.5 | UGC 5789 MCG 7-22-36 CGCG 212-33 KARA428 KUG 1036+419 PGC 31671                |
| NGC 3320  | H745-2 | Glxy Scd:                  | 13   | UGC 5794 MCG 8-20-10 CGCG 241-5 IRAS 10366+4739 PGC 31708                      |
| NGC 3348  | H80-1  | Glxy E0                    | 12.2 | UGC 5875 MCG 12-10-77 CGCG 333-54 PGC 32216                                    |
| NGC 3353  | H842-3 | Glxy Sb? pec               | 13.3 | UGC 5860 MCG 9-18-22 MK 35 CGCG 267-9 IRAS 10422+5613 PGC 32103                |
| NGC 3359  | H52-5  | Glxy SB(rs)c               | 11   | UGC 5873 MCG 11-13-37 CGCG 313-33 IRAS 10433+6329 KARA442 PGC 32183            |
| NGC 3364  | H318-3 | Glxy SAB(rs)c              | 13.5 | UGC 5890 MCG 12-10-82 CGCG 333-56 IRAS 10448+7241 PGC 32314                    |
| NGC 3392  | H881-3 | Glxy E?                    | 14.7 | MCG 11-13-42 CGCG 313-37 PGC 32512   |
| NGC 3394  | H872-2 | Glxy SA(rs)c               | 13.1 | UGC 5937 MCG 11-13-41 CGCG 313-36 IRAS 10473+6559 PGC 32495                    |
| NGC 3398  | H792-3 | Glxy Sa?                   | 15.3 | IC 646 MCG 9-18-39 CGCG 267-19 PGC 32568                                       |
| NGC 3406  |        | Glxy E                     | 13.7 | UGC 5970 MCG 9-18-40 CGCG 267-20 PGC 32580                                     |
| NGC 3407  | H919-3 | Glxy S0-:                  | 14.6 | UGC 5978 MCG 10-16-17 CGCG 291-7 PGC 32626                                     |
| NGC 3408  | H913-3 | Glxy Sc:                   | 14.1 | UGC 5977 MCG 10-16-16 CGCG 291-6 IRAS 10490+5842 PGC 32616                     |
| NGC 3410  |        | Glxy S?                    | 15.1 | MCG 9-18-42 CGCG 267-21 ARAK261 PGC 32594                                      |
| NGC 3415  | H718-2 | Glxy SA0+:                 | 13.5 | UGC 5969 MCG 7-22-72 CGCG 212-62 CGCG 213-1 IRAS 10488+4358 PGC 32579          |
| NGC 3435  | H887-2 | Glxy Sb                    | 14   | UGC 6025 MCG 10-16-22 CGCG 291-12 IRAS 10517+6132 PGC 32786                    |
| NGC 3440  | H914-3 | Glxy SBb? sp               | 14   | UGC 6009 MCG 10-16-19 CGCG 291-9 IRAS 10508+5722 PGC 32714                     |
| NGC 3445  | H267-1 | Glxy SAB(s)m               | 12.9 | UGC 6021 MCG 10-16-23 CGCG 291-11 VV 14 ARP 24 IRAS 10515+5715 PGC 32772       |
| NGC 3448  | H233-1 | Glxy I0                    | 12.5 | UGC 6024 MCG 9-18-55 CGCG 267-27 ARP 205 IRAS 10516+5434 PGC 32774             |
| NGC 3458  | H268-1 | Glxy SAB0:                 | 13.2 | UGC 6037 MCG 10-16-26 CGCG 291-14 PGC 32854                                    |
| NGC 3470  | H888-2 | Glxy SA(r)ab:              | 14.1 | UGC 6060 MCG 10-16-38 CGCG 291-16 PGC 33040                                    |
| NGC 3471  | H972-3 | Glxy Sa                    | 13.2 | UGC 6064 MCG 10-16-39 MK 158 CGCG 291-18 IRAS 10560+6147 PGC 33074             |
| NGC 3478  | H705-3 | Glxy SB(rs)bc              | 13.6 | UGC 6069 MCG 8-20-59 CGCG 241-51 IRAS 10565+4623 PGC 33101                     |
| NGC 3488  | H269-1 | Glxy SB(s)c:               | 13.6 | UGC 6096 MCG 10-16-45 CGCG 291-22 IRAS 10583+5756 PGC 33242                    |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her    | Type                          | Mag  | Alias/Notes   |
|-----------|--------|-------------------------------|------|---|
| NGC 3499  | H793-3 | Glxy I0?                      | 14.4 | UGC 6115 MCG 9-18-80 CGCG 267-37 CGCG 291-24 PGC 33375                        |
| NGC 3516  | H336-2 | Glxy (R)SB(s)0 <sup>+</sup> : | 12.5 | UGC 6153 MCG 12-11-9 CGCG 334-11 IRAS 11033+7250 PGC 33623                    |
| NGC 3517  | H884-2 | Glxy SAB:                     | 13.8 | UGC 6144 MCG 10-16-57 CGCG 291-27 IRAS 11026+5647 PGC 33532                   |
| NGC 3530  | H915-3 | Glxy S?                       | 14.8 | UGC 6188 MCG 10-16-64 CGCG 291-30 ARAK278 PGC 33766                           |
| NGC 3543  | H920-3 | Glxy S                        | 14.9 | UGC 6213 MCG 10-16-75 CGCG 291-34 PGC 33953                                   |
| NGC 3549  | H220-1 | Glxy SA(s)c:                  | 12.8 | UGC 6215 MCG 9-18-97 CGCG 267-47 IRAS 11080+5339 PGC 33964                    |
| NGC 3550  | H351-3 | Glxy Pec                      | 14.1 | UGC 6214 MCG 5-27-2 CGCG 155-82 CGCG 156-3 PGC 33927                          |
| NGC 3552  | H352-3 | Glxy E                        | 14.8 | MCG 5-27-3 CGCG 155-85 CGCG 156-6 PGC 33932                                   |
| NGC 3553  |        | Glxy E                        | 15.6 | MCG 5-27-4 CGCG 156-6 CGCG 155-85 PGC 33933                                   |
| NGC 3554  |        | Glxy E                        | 15.4 | MCG 5-27-7 CGCG 155-86 CGCG 156-7 PGC 33948                                   |
| NGC 3556  | H46-5  | Glxy SB(s)cd sp               | 10.7 | M 108 ESO 29-26 PGC 34030   |
| NGC 3558  |        | Glxy S?                       | 14.6 | MCG 5-27-8 MK 422 CGCG 155-89 CGCG 156-10 PGC 33960                           |
| NGC 3561A |        | Glxy S0 <sup>+</sup> :pec     | 14.3 | UGC 6224 MCG 5-27-11 CGCG 155-90 CGCG 156-11 VV 237 ARP 105 IRAS 11085+2859   |
| NGC 3561B |        | Glxy SA(r)a pec               | 14.7 | NGC 3561 ARP 105 PGC 33991 UGC 6224 MCG 5-27-10                               |
| NGC 3583  | H728-2 | Glxy SB(s)b                   | 11.9 | UGC 6263 MCG 8-21-8 CGCG 242-12 IRAS 11113+4835 PGC 34232                     |
| NGC 3587  |        | PI Neb 3a                     | 12   | M 97 Owl Nebula PK 148+57.1 PNG 148.4+57.0                                    |
| NGC 3589  | H921-3 | Glxy Sd:                      | 14.4 | UGC 6275 MCG 10-16-96 CGCG 291-46 PGC 34308                                   |
| NGC 3594  | H770-3 | Glxy SB0:                     | 14.7 | UGC 6286 MCG 9-19-22 CGCG 267-58 CGCG 268-11 PGC 34374                        |
| NGC 3610  | H270-1 | Glxy E5:                      | 11.7 | UGC 6319 MCG 10-16-107 CGCG 291-48 PGC 34566                                  |
| NGC 3613  | H271-1 | Glxy E6                       | 11.8 | UGC 6323 MCG 10-16-109 CGCG 291-49 PGC 34583                                  |
| NGC 3614  | H729-2 | Glxy SAB(r)c                  | 12.3 | UGC 6318 MCG 8-21-15 CGCG 242-19 IRAS 11155+4601 PGC 34561                    |
| NGC 3619  | H244-1 | Glxy (R)SA(s)0 <sup>+</sup> : | 12.5 | UGC 6330 MCG 10-16-115 CGCG 291-54 IRAS 11164+5802 PGC 34641                  |
| NGC 3622  | H879-2 | Glxy S?                       | 13.7 | UGC 6339 CGCG 314-20 IRAS 11171+6730 PGC 34692                                |
| NGC 3625  | H885-2 | Glxy SAB(s)b:                 | 13.9 | UGC 6348 MCG 10-16-120 CGCG 291-57 PGC 34718                                  |
| NGC 3631  | H226-1 | Glxy SA(s)c                   | 11   | UGC 6360 MCG 9-19-47 CGCG 268-21 VV 363 ARP 27 IRAS 11181+5326 PGC 34767      |
| NGC 3642  | H245-1 | Glxy SA(r)bc:                 | 11.7 | UGC 6385 MCG 10-16-128 CGCG 291-62 IRAS 11194+5920 PGC 34889                  |
| NGC 3652  | H775-2 | Glxy Scd?                     | 12.9 | UGC 6392 MCG 6-25-55 CGCG 185-49 ARAK291 IRAS 11199+3802 PGC 34917            |
| NGC 3654  | H880-2 | Glxy S?                       | 13.7 | UGC 6407 MCG 12-11-22 CGCG 334-29 IRAS 11211+6941 PGC 35025                   |
| NGC 3656  | H782-2 | Glxy (R)I0: pec               | 13.3 | UGC 6403 MCG 9-19-63 CGCG 268-29 VV 22 ARP 155 IRAS 11208+5406 PGC 34989      |
| NGC 3657  | H768-3 | Glxy SAB(rs)c pec             | 13.1 | UGC 6406 MCG 9-19-65 CGCG 268-30 IRAS 11212+5310 PGC 35002                    |
| NGC 3668  | H845-2 | Glxy Sbc                      | 13.1 | UGC 6430 MCG 11-14-23 CGCG 314-26 IRAS 11225+6343 PGC 35123                   |
| NGC 3669  | H829-2 | Glxy SBcd: sp                 | 13.1 | UGC 6431 MCG 10-16-135 CGCG 291-67 IRAS 11226+5759 PGC 35113                  |
| NGC 3671  | H922-3 | Glxy C                        | 15.6 | CGCG 291-68 PGC 35149   |
| NGC 3674  | H886-2 | Glxy S0 sp                    | 13.2 | UGC 6444 MCG 10-16-138 CGCG 291-69 PGC 35191                                  |
| NGC 3675  | H194-1 | Glxy SA(s)b                   | 11   | UGC 6439 MCG 7-24-4 CGCG 214-5 PGC 35164                                      |
| NGC 3683  | H246-1 | Glxy SB(s)c?                  | 13.1 | UGC 6458 MCG 10-16-143 CGCG 291-72 IRAS 11247+5709 PGC 35249                  |
| NGC 3683A |        | Glxy SB(rs)c                  | 12.6 | UGC 6484 MCG 10-17-6 CGCG 291-75 IRAS 11263+5724 PGC 35376                    |
| NGC 3687  | H770-2 | Glxy (R')SAB(r)bc?            | 12.8 | UGC 6463 MCG 5-27-73 MK 736 CGCG 156-78 KUG 1125+297 PGC 35285                |
| NGC 3690  | H247-1 | Glxy Ibm pec                  | 12   | UGC 6472 MCG 10-17-3 MK 171 CGCG 291-73 VV 118 ARP 299 PGC 35321              |
| NGC 3712  |        | Glxy SB?                      | 14.9 | UGC 6506 MCG 5-27-82 CGCG 156-90 ARP 203 KUG 1128+288 PGC 35507               |
| NGC 3718  | H221-1 | Glxy SB(s)a pec               | 10.7 | UGC 6524 MCG 9-19-114 CGCG 268-48 ARP 214 IRAS 11298+5320 PGC 35616           |
| NGC 3725  | H836-2 | Glxy SBc                      | 13.7 | UGC 6542 MCG 10-17-15 MK 179 CGCG 292-5 CGCG 291-78 IRAS 11308+6209 PGC 35698 |
| NGC 3726  | H730-2 | Glxy SAB(r)c                  | 10.9 | UGC 6537 MCG 8-21-51 CGCG 242-45 IRAS 11306+4718 PGC 35676                    |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her    | Type                | Mag  | Alias/Notes  |
|-----------|--------|---------------------|------|--|
| NGC 3729  | H222-1 | Glxy SB(r)a pec     | 11.4 | UGC 6547 MCG 9-19-117 CGCG 268-51 IRAS 11310+5324 KUG 1131+534 PGC 35711                 |
| NGC 3733  | H771-3 | Glxy SAB(s)cd:      | 12.9 | UGC 6554 MCG 9-19-123 CGCG 268-55 VV 459 PGC 35797                                       |
| NGC 3737  | H772-3 | Glxy SB0            | 13.9 | UGC 6563 MCG 9-19-128 CGCG 268-58 PGC 35840  |
| NGC 3738  | H783-2 | Glxy Im             | 11.7 | UGC 6565 MCG 9-19-130 CGCG 268-60 ARP 234 IRAS 11330+5448 KUG 1133+548 PGC 35856         |
| NGC 3740  | H847-3 | Glxy S              | 15   | UGC 6573 MCG 10-17-23 CGCG 292-8 SBS1133+602 PGC 35883                                   |
| NGC 3756  | H784-2 | Glxy SAB(rs)bc      | 12.1 | UGC 6579 MCG 9-19-134 CGCG 268-63 IRAS 11340+5434 KUG 1134+545 PGC 35931                 |
| NGC 3757  | H843-3 | Glxy S0?            | 13.6 | UGC 6584 MCG 10-17-26 CGCG 292-10 PGC 35955  |
| NGC 3759  |        | Glxy SAB0^:         | 13.2 | UGC 6581 MCG 9-19-136 CGCG 268-64 PGC 35945  |
| NGC 3759A |        | Glxy SABc pec       | 14.3 | UGC 6582 MCG 9-19-135 CGCG 268-65 IRAS 11342+5526 PGC 35948                              |
| NGC 3762  | H837-2 | Glxy Sa             | 13.5 | UGC 6591 MCG 10-17-27 CGCG 292-11 PGC 35979  |
| NGC 3769  | H731-2 | Glxy SB(r)b:        | 12.6 | UGC 6595 MCG 8-21-76 CGCG 242-65 ARP 280 PGC 35999                                       |
| NGC 3769A |        | Glxy SBm pec:       | 14.7 | MCG 8-21-77 CGCG 242-66 ARP 280 IRAS 11350+4809 PGC 36008                                |
| NGC 3770  | H838-2 | Glxy SBa            | 13.8 | UGC 6600 MCG 10-17-28 CGCG 292-12 IRAS 11352+5953 PGC 36025                              |
| NGC 3780  | H227-1 | Glxy SA(s)c:        | 12.2 | UGC 6615 MCG 9-19-150 CGCG 292-14 IRAS 11366+5632 PGC 36138                              |
| NGC 3782  | H732-2 | Glxy SAB(s)cd:      | 13.1 | UGC 6618 MCG 8-21-87 CGCG 242-71 IRAS 11366+4647 PGC 36136                               |
| NGC 3786  |        | Glxy SAB(rs)a pec   | 13.2 | UGC 6621 MCG 5-28-8 MK 744 CGCG 157-9 VV 228 ARP 294 PGC 36158                           |
| NGC 3788  |        | Glxy SAB(rs)ab pec  | 13.5 | UGC 6623 MCG 5-28-9 CGCG 157-10 VV 228 ARP 294 PGC 36160                                 |
| NGC 3793  |        | Glxy Sc             | 15.5 | CGCG 157-7 MCG +5-28-5 VV 575 PGC 36140  |
| NGC 3795  | H844-3 | Glxy S              | 14.1 | UGC 6629 MCG 10-17-38 CGCG 292-17 IRAS 11373+5853 PGC 36192                              |
| NGC 3796  | H839-2 | Glxy S?             | 13.5 | UGC 6638 MCG 10-17-39 CGCG 292-18 PGC 36215  |
| NGC 3804  | H830-2 | Glxy SAB            | 13.5 |  |
| NGC 3809  |        | Glxy S0             | 13.7 | UGC 6649 MCG 10-17-40 CGCG 292-20 ARAK310 PGC 36263                                      |
| NGC 3813  | H94-1  | Glxy SA(rs)b:       | 12.2 | UGC 6651 MCG 6-26-19 CGCG 186-24 PGC 36266   |
| NGC 3824  | H774-3 | Glxy SA(s)a? sp     | 14.5 | UGC 6676 MCG 9-19-161 CGCG 268-73 IRAS 11400+5303 PGC 36370                              |
| NGC 3829  | H775-3 | Glxy SB(s)b:        | 14.8 | UGC 6690 MCG 9-19-164 CGCG 268-74 IRAS 11407+5259 KUG 1140+529 PGC 36439                 |
| NGC 3835  |        | Glxy Sab: sp        | 13.2 | UGC 6703 MCG 10-17-55 CGCG 292-21 IRAS 11413+6023 PGC 36493                              |
| NGC 3838  | H831-2 | Glxy SA0/a?         | 13.3 | UGC 6707 MCG 10-17-56 CGCG 292-22 PGC 36505  |
| NGC 3846  |        | Glxy SAc:           | 14.6 | UGC 6710 MCG 9-19-171 CGCG 268-78 IRAS 11417+5556 PGC 36539                              |
| NGC 3846A |        | Glxy SB(s)m:        | 13.8 | UGC 6706 MCG 9-19-169 CGCG 268-76 VV 320 KUG 1141+553B PGC 36506                         |
| NGC 3850  | H776-3 | Glxy SB(s)c:        | 14   | UGC 6733 MCG 9-19-174 CGCG 268-79 PGC 36660  |
| NGC 3870  | H833-3 | Glxy S0?            | 13.5 | UGC 6742 MCG 8-22-1 MK 186 CGCG 268-81 IRAS 11432+5028 PGC 36686                         |
| NGC 3877  | H201-1 | Glxy SA(s)c:        | 11.8 | UGC 6745 MCG 8-22-2 CGCG 243-4 IRAS 11434+4746 PGC 36699                                 |
| NGC 3888  | H785-2 | Glxy SAB(rs)c       | 12   | UGC 6765 MCG 9-19-189 MK 188 CGCG 268-85 VV 455 IRAS 11449+5614 KUG 1144+562 PGC 36789   |
| NGC 3889  |        | Glxy S0             | 15.8 | PGC 36662  |
| NGC 3893  | H738-2 | Glxy SAB(rs)c:      | 11.2 | UGC 6778 MCG 8-22-7 CGCG 243-8 PGC 36875   |
| NGC 3894  | H248-1 | Glxy E4-5           | 12.6 | UGC 6779 MCG 10-17-78 CGCG 292-33 PGC 36889  |
| NGC 3895  | H832-2 | Glxy SB(rs)a:       | 14   | UGC 6785 MCG 10-17-80 CGCG 292-35 PGC 36907  |
| NGC 3898  | H228-1 | Glxy SA(s)ab        | 11.6 | UGC 6787 MCG 9-19-204 CGCG 268-88 CGCG 269-2 IRAS 11465+5621 PGC 36921                   |
| NGC 3913  | H786-2 | Glxy (R')SA(rs)d:   | 13.2 | IC 740 PGC 37024 UGC 6813 MCG 9-20-1 CGCG 268-92 CGCG 269-4 IRAS 11480+5537 KUG 1148+556 |
| NGC 3916  | H787-2 | Glxy SAb: sp        | 14.7 | UGC 6819 MCG 9-20-5 CGCG 269-6 CGCG 268-94 IRAS 11481+5525 PGC 37047                     |
| NGC 3917  | H824-2 | Glxy SAc d:         | 12.5 | UGC 6815 MCG 9-20-8 CGCG 269-5 CGCG 268-93 IRAS 11481+5206 PGC 37036                     |
| NGC 3921  | H788-2 | Glxy (R')SA(s)0/a p | 13.1 | UGC 6823 MCG 9-20-9 MK 430 CGCG 268-95 CGCG 269-7 1ZW28 VV 31                            |

## Ursa Major - The Great Bear

Observed: Yes

| Object   | Her    | Type              | Mag  | Alias/Notes   |
|----------|--------|-------------------|------|---|
|          |        |                   |      | ARP 224 PGC 37063   |
| NGC 3922 | H716-3 | Glxy S0/a         | 13.8 | UGC 6824 MCG 8-22-17 CGCG 243-17 CGCG 269-8 PGC 37072                                   |
| NGC 3924 | H825-2 | Glxy Sm:          | 15   | UGC 6849 MCG 8-22-26 CGCG 243-23 PGC 37217  |
| NGC 3931 | H769-3 | Glxy SA0-:        | 14.4 | NGC 3917A PGC 37073 UGC 6825 MCG 9-20-11 CGCG 269-9 CGCG 268-96                         |
| NGC 3938 | H203-1 | Glxy SA(s)c       | 10.9 | UGC 6856 MCG 7-25-1 CGCG 214-34 CGCG 215-2 IRAS 11502+4423 PGC 37229                    |
| NGC 3941 | H173-1 | Glxy SB(s)0^      | 11.3 | UGC 6857 MCG 6-26-51 CGCG 186-62 PGC 37235  |
| NGC 3945 | H251-1 | Glxy (R)SB(rs)0+  | 11.8 | UGC 6860 MCG 10-17-96 CGCG 292-42 IRAS 11506+6056 PGC 37258                             |
| NGC 3949 | H202-1 | Glxy SA(s)bc:     | 11.5 | UGC 6869 MCG 8-22-29 CGCG 243-25 IRAS 11510+4808 PGC 37290                              |
| NGC 3953 | H45-5  | Glxy SB(r)bc      | 10.8 | UGC 6870 MCG 9-20-26 CGCG 269-13 PGC 37306  |
| NGC 3958 | H833-2 | Glxy SB(s)a       | 13.8 | UGC 6880 MCG 10-17-98 CGCG 292-43 PGC 37358   |
| NGC 3963 | H67-4  | Glxy SAB(rs)bc    | 12.5 | UGC 6884 MCG 10-17-100 CGCG 292-44 IRAS 11523+5846 PGC 37386                            |
| NGC 3972 | H789-2 | Glxy SA(s)bc      | 13   | UGC 6904 MCG 9-20-32 CGCG 269-16 IRAS 11531+5535 PGC 37466                              |
| NGC 3975 |        | Glxy SAB?         | 16.3 | MCG 10-17-103 PGC 37480   |
| NGC 3977 | H790-2 | Glxy Sab          | 13.6 |   |
| NGC 3978 | H840-2 | Glxy SABbc:       | 13.3 | UGC 6910 MCG 10-17-105 CGCG 292-47 IRAS 11535+6047 PGC 37502                            |
| NGC 3982 | H62-4  | Glxy SAB(r)b:     | 11.8 | UGC 6918 MCG 9-20-36 CGCG 269-19 IRAS 11538+5524 KUG 1153+554 PGC 37520                 |
| NGC 3986 |        | Glxy S0 sp        | 13.6 | PGC 37544 UGC 6920 MCG 5-28-53 CGCG 157-58 IRAS 11541+3217                              |
| NGC 3990 | H791-2 | Glxy S0-: sp      | 13.4 | UGC 6938 MCG 9-20-43 CGCG 269-24 PGC 37618  |
| NGC 3991 |        | Glxy Im pec sp    | 13.5 | UGC 6933 MCG 6-26-60 CGCG 186-73 VV 523 ARP 313 IRAS 11549+3237 KUG 1154+326 PGC 37613  |
| NGC 3992 | H61-4  | Glxy SB(rs)bc     | 10.6 | M 109 UGC 691 PGC 37617   |
| NGC 3994 |        | Glxy SA(r)c pec?  | 13.3 | UGC 6936 MCG 6-26-59 CGCG 186-74 ARAK337 VV 249 ARP 313 KUG 1155+325A PGC 37616         |
| NGC 3995 |        | Glxy SAm pec      |      | UGC 6944 MCG 6-26-61 CGCG 186-75 VV 249 ARP 313 IRAS 11550+3234 KUG 1155+325B PGC 37624 |
| NGC 3998 | H229-1 | Glxy SA(r)0^?     | 11.6 | UGC 6946 MCG 9-20-46 CGCG 269-25 PGC 37642  |
| NGC 4013 | H733-2 | Glxy Sb sp        | 12.2 | UGC 6963 MCG 7-25-9 CGCG 215-10 IRAS 11559+4413 PGC 37691                               |
| NGC 4026 | H223-1 | Glxy S0 sp        | 11.7 | UGC 6985 MCG 9-20-52 CGCG 269-29 PGC 37760  |
| NGC 4036 | H253-1 | Glxy S0-          | 11.6 | UGC 7005 MCG 10-17-125 CGCG 292-59 IRAS 11588+6210 PGC 37930                            |
| NGC 4041 | H252-1 | Glxy SA(rs)bc:    | 11.9 | UGC 7014 MCG 10-17-129 CGCG 292-61 ARAK342 IRAS 11596+6224 PGC 37999                    |
| NGC 4047 | H741-2 | Glxy (R)SA(rs)b:  | 13   | UGC 7025 MCG 8-22-58 CGCG 243-37 IRAS 12002+4854 PGC 38042                              |
| NGC 4051 | H56-4  | Glxy SAB(rs)bc    | 10.8 | UGC 7030 MCG 8-22-59 CGCG 243-38 IRAS 12005+4448 PGC 38068                              |
| NGC 4054 | H794-3 | Glxy S            | 15.2 | MCG 10-17-131 CGCG 292-62 VV 136 PGC 38078  |
| NGC 4062 | H174-1 | Glxy SA(s)c       | 11.9 | UGC 7045 MCG 5-29-4 CGCG 158-8 IRAS 12015+3210 KARA518 KUG 1201+321 PGC 38150           |
| NGC 4068 | H781-2 | Glxy IAm          | 13   | IC 757 PGC 38148 UGC 7047 MCG 9-20-79 CGCG 269-31                                       |
| NGC 4081 |        | Glxy Sa?          | 13.8 | UGC 7062 MCG 11-15-15 CGCG 315-10 IRAS 12020+6442 PGC 38212                             |
| NGC 4085 | H224-1 | Glxy SAB(s)c:?    | 13   | UGC 7075 MCG 9-20-86 CGCG 269-32 IRAS 12028+5037 PGC 38283                              |
| NGC 4088 | H206-1 | Glxy SAB(rs)bc    | 11.2 | UGC 7081 MCG 9-20-89 CGCG 269-33 VV 357 ARP 18 PGC 38302                                |
| NGC 4096 | H207-1 | Glxy SAB(rs)c     | 11.5 | UGC 7090 MCG 8-22-67 CGCG 243-43 PGC 38361  |
| NGC 4100 | H717-3 | Glxy (R')SA(rs)bc | 11.9 | UGC 7095 MCG 8-22-68 CGCG 243-44 IRAS 12036+4951 PGC 38370                              |
| NGC 4102 | H225-1 | Glxy SAB(s)b?     | 12   | UGC 7096 MCG 9-20-94 CGCG 269-36 IRAS 12038+5259 PGC 38392                              |
| NGC 4141 | H795-3 | Glxy SBcd:        | 14.4 | UGC 7147 MCG 10-17-152 CGCG 292-74 PGC 38669  |
| NGC 4142 | H814-3 | Glxy SB(s)d:      | 13.9 | UGC 7140 MCG 9-20-102 CGCG 269-37 PGC 38645   |
| NGC 4144 | H747-2 | Glxy SAB(s)cd? sp | 12.1 | UGC 7151 MCG 8-22-77 CGCG 243-48 IRAS 12074+4644 PGC 38688                              |
| NGC 4149 | H802-2 | Glxy S?           | 14.2 | NGC 4154 PGC 38741 UGC 7167 MCG 10-17-155 CGCG 292-76 IRAS 12080+5834                   |

## Ursa Major - The Great Bear

Observed: Yes

| Object   | Her    | Type             | Mag  | Alias/Notes   |
|----------|--------|------------------|------|---|
| NGC 4157 | H208-1 | Glxy SAB(s)b? sp | 12.2 | UGC 7183 MCG 9-20-106 CGCG 269-38 IRAS 12085+5045 PGC 38795             |
| NGC 4161 | H803-2 | Glxy S?          | 13.9 | UGC 7191 MCG 10-18-2 CGCG 292-78 IRAS 12090+5800 PGC 38834              |
| NGC 4172 | H792-2 | Glxy S?          | 14.2 | UGC 7205 MCG 9-20-109 CGCG 269-39 CGCG 292-80 PGC 38887                 |
| NGC 4194 | H867-2 | Glxy IBm pec     | 12.5 | UGC 7241 MCG 9-20-119 MK 201 CGCG 269-43 1ZW33 VV 261 ARP 160 PGC 39068 |
| NGC 4195 | H796-3 | Glxy SB(s)cd     | 14.9 | UGC 7244 MCG 10-18-10 CGCG 292-83 CGCG 293-4 PGC 39082                  |
| NGC 4198 | H793-2 | Glxy S0/a        | 14.6 | UGC 7246 MCG 9-20-123 CGCG 269-45 PGC 39090                             |
| NGC 4199 | H797-3 | Glxy Sb          | 15.5 | UGC 7253 MCG 10-18-11 CGCG 292-84 CGCG 293-5 VV 183 PGC 39135           |
| NGC 4271 | H804-2 | Glxy S0-:        | 13.6 | UGC 7375 MCG 10-18-25 CGCG 293-10 PGC 39683                             |
| NGC 4284 | H798-3 | Glxy Sbc         | 14.3 | UGC 7393 MCG 10-18-26 CGCG 293-11 PGC 39775                             |
| NGC 4290 | H805-2 | Glxy SB(rs)ab:   | 12.7 | UGC 7402 MCG 10-18-29 CGCG 293-12 IRAS 12183+5822 PGC 39859             |
| NGC 4335 | H806-2 | Glxy E           | 13.4 | UGC 7455 MCG 10-18-35 CGCG 293-15 PGC 40169                             |
| NGC 4358 | H799-3 | Glxy S0          | 16.4 | MCG 10-18-37 CGCG 293-17 PGC 40314                                      |
| NGC 4362 | H800-3 | Glxy S?          | 15.3 | MCG 10-18-39 CGCG 293-18 PGC 40350                                      |
| NGC 4364 | H801-3 | Glxy S0          | 14.2 | UGC 7479 MCG 10-18-38 CGCG 293-17 PGC 40309                             |
| NGC 4384 | H879-3 | Glxy Sa          | 13.5 | UGC 7506 MCG 9-20-168 MK 207 CGCG 269-55 IRAS 12227+5446 PGC 40475      |
| NGC 4500 | H234-1 | Glxy SB(s)a      | 13.1 | UGC 7667 MCG 10-18-62 MK 213 CGCG 293-26 IRAS 12290+5814 PGC 41436      |
| NGC 4511 | H834-3 | Glxy Sbc         | 14.7 | MCG 10-18-63 CGCG 293-27 SBS1229+567 PGC 41560                          |
| NGC 4547 | H802-3 | Glxy E/S0        |      | MCG 10-18-69 CGCG 293-30 PGC 41896                                      |
| NGC 4549 | H807-3 | Glxy             | 16.4 | MCG 10-18-70 CGCG 293-30 PGC 41954                                      |
| NGC 4566 | H880-3 | Glxy S           | 13.8 | UGC 7769 MCG 9-21-24 CGCG 270-12 KARA539 PGC 42007                      |
| NGC 4605 | H254-1 | Glxy SB(s)c pec  | 10.9 | UGC 7831 MCG 10-18-74 CGCG 293-31 IRAS 12378+6152 KARA543 PGC 42408     |
| NGC 4644 | H794-2 | Glxy SBb:        | 14.6 | UGC 7887 MCG 9-21-30 CGCG 270-14 PGC 42708                              |
| NGC 4646 | H794-2 | Glxy S0?         | 14.4 | UGC 7892 MCG 9-21-31 CGCG 270-15 PGC 42740                              |
| NGC 4652 |        | Glxy Sb          | 15.6 | MCG 10-18-78 CGCG 293-35 PGC 42802                                      |
| NGC 4669 |        | Glxy S           | 14.1 | UGC 7925 MCG 9-21-38 CGCG 270-18 PGC 42942                              |
| NGC 4675 | H778-3 | Glxy SBb:        | 15.2 | UGC 7935 MCG 9-21-39 CGCG 270-19 IRAS 12432+5500 PGC 42998              |
| NGC 4686 | H795-2 | Glxy Sa          | 13.6 | UGC 7946 MCG 9-21-44 CGCG 270-21 PGC 43101                              |
| NGC 4695 | H796-2 | Glxy S           | 14.4 | IC 3791 PGC 43173 UGC 7966 MCG 9-21-48 CGCG 270-23                      |
| NGC 4732 | H814-2 | Glxy E           | 14.9 | UGC 7988 MCG 9-21-53 CGCG 270-26 PGC 43430                              |
| NGC 4801 | H816-3 | Glxy L           | 15.4 | MCG 9-21-60 CGCG 270-30 PGC 43946                                       |
| NGC 4814 | H243-1 | Glxy SA(s)b      | 12.8 | UGC 8051 MCG 10-19-3 CGCG 294-3 CGCG 293-44 IRAS 12532+5836 PGC 44025   |
| NGC 4964 | H779-3 | Glxy S?          | 14.2 | UGC 8184 MCG 9-22-7 CGCG 294-11 KARA571 PGC 45278                       |
| NGC 4967 | H783-3 | Glxy E           | 15.2 | MCG 9-22-5 CGCG 270-50 CGCG 271-6 PGC 45281                             |
| NGC 4973 | H781-3 | Glxy E/S0        | 15   | IC 847 MCG 9-22-6 PGC 45280   |
| NGC 4974 | H782-3 | Glxy E/S0        | 13.9 | MCG 9-22-11 CGCG 270-52 CGCG 271-8 PGC 45299                            |
| NGC 4977 | H780-3 | Glxy SA(r)b      | 14.1 | UGC 8196 MCG 9-22-10 CGCG 271-9 CGCG 270-53 PGC 45339                   |
| NGC 5001 |        | Glxy SB          | 14.6 | UGC 8243 MCG 9-22-22 CGCG 271-20 IRAS 13074+5345 PGC 45631              |
| NGC 5007 | H848-3 | Glxy S0-:        | 14.3 | UGC 8240 MCG 10-19-42 CGCG 294-21 PGC 45605                             |
| NGC 5109 | H826-2 | Glxy S           | 13.8 | UGC 8393 MCG 10-19-61 CGCG 294-32 IRAS 13189+5754 PGC 46589             |
| NGC 5113 | H808-3 | Glxy Sbc         | 15.3 | MCG 10-19-64 CGCG 294-34 PGC 46630                                      |
| NGC 5163 | H821-3 | Glxy E           | 14.6 | UGC 8453 MCG 9-22-62 CGCG 271-40 PGC 47096                              |
| NGC 5164 | H784-3 | Glxy SBb         | 14.5 | UGC 8458 MCG 9-22-63 MK 257 CGCG 271-41 PGC 47124                       |
| NGC 5201 | H797-2 | Glxy S?          | 14.1 | UGC 8480 MCG 9-22-69 CGCG 271-45 PGC 47324                              |
| NGC 5204 | H63-4  | Glxy SA(s)m      | 11.7 | UGC 8490 MCG 10-19-78 CGCG 294-39 IRAS 13277+5840 PGC 47368             |



## Ursa Major - The Great Bear

Observed: Yes

| Object   | Her    | Type             | Mag  | Alias/Notes   |
|----------|--------|------------------|------|---|
| NGC 5205 |        | Glxy S?          | 13.2 | UGC 8501 MCG 11-17-3 CGCG 316-17 IRAS 13283+6245 PGC 47425                          |
| NGC 5216 | H841-2 | Glxy E0 pec      | 13.6 | UGC 8528 MCG 11-17-4 CGCG 316-19 CGCG 317-2 VV 33 ARP 104 PGC 47598                 |
| NGC 5218 | H842-2 | Glxy SB(s)b? pec | 12.3 | UGC 8529 MCG 11-17-5 CGCG 316-20 CGCG 317-3 VV 33 ARP 104 IRAS 13304+6301 PGC 47603 |
| NGC 5250 | H817-2 | Glxy S0          | 14   | UGC 8594 MCG 9-22-85 CGCG 271-53 PGC 47997  |
| NGC 5255 | H803-3 | Glxy Sb          | 15.4 | MCG 10-19-98 CGCG 294-51 PGC 48124  |
| NGC 5278 | H798-2 | Glxy SA(s)b? pec | 13.5 | UGC 8677 MCG 9-22-101 MK 271 CGCG 271-58 CGCG 272-3 1ZW69 VV 19 ARP 239 PGC 48473   |
| NGC 5279 |        | Glxy SB(s)a pec  | 15   | UGC 8678 MCG 9-22-102 MK 271A CGCG 271-58 CGCG 272-3 1ZW69 VV 19 ARP 239 PGC 48482  |
| NGC 5294 | H785-3 | Glxy             | 15.2 | CGCG 271-61 CGCG 272-6 PGC 48761  |
| NGC 5308 | H255-1 | Glxy S0- sp      | 12.3 | UGC 8722 MCG 10-20-29 CGCG 295-12 PGC 48860   |
| NGC 5322 | H256-1 | Glxy E3-4        | 11.1 | UGC 8745 MCG 10-20-35 CGCG 295-17 PGC 49044   |
| NGC 5342 | H849-3 | Glxy S0          | 14.5 | UGC 8776 MCG 10-20-41 CGCG 295-20 PGC 49192   |
| NGC 5368 | H786-3 | Glxy (R')SABab:  | 13.9 | UGC 8834 MCG 9-23-14 CGCG 272-12 IRAS 13526+5434 PGC 49431                          |
| NGC 5370 | H843-2 | Glxy SB(r)0^     | 14.1 | UGC 8832 MCG 10-20-44 CGCG 295-22 PGC 49408   |
| NGC 5372 | H809-3 | Glxy S?          | 14.2 | UGC 8843 MCG 10-20-46 CGCG 295-24 IRAS 13530+5854 PGC 49451                         |
| NGC 5376 | H844-2 | Glxy SAB(r)b?    | 12.9 | UGC 8852 MCG 10-20-47 CGCG 295-25 IRAS 13536+5945 PGC 49489                         |
| NGC 5379 | H239-1 | Glxy S0          | 13.9 | UGC 8860 MCG 10-20-49 CGCG 295-26 PGC 49508   |
| NGC 5389 | H240-1 | Glxy SAB(r)0/a:? | 12.9 | UGC 8866 MCG 10-20-51 CGCG 295-27 IRAS 13544+5959 PGC 49548                         |
| NGC 5402 | H810-3 | Glxy S?          | 14.7 | UGC 8903 MCG 10-20-54 CGCG 295-29 IRAS 13566+6003 PGC 49712                         |
| NGC 5422 | H230-1 | Glxy S0 sp       | 12.8 | UGC 8935 MCG 9-23-24 CGCG 272-16 PGC 49874  |
| NGC 5430 | H827-2 | Glxy SB(s)b      | 12.7 | UGC 8937 MCG 10-20-62 MK 799 CGCG 295-32 IRAS 13591+5934 PGC 49881                  |
| NGC 5443 | H799-2 | Glxy SB(s)b?     | 13.1 | UGC 8958 MCG 9-23-26 CGCG 272-20 IRAS 14004+5603 PGC 49993                          |
| NGC 5447 | H787-3 | Knt in Glxy      |      |   |
| NGC 5448 | H691-2 | Glxy (R)SAB(r)a  | 11.9 | UGC 8969 MCG 8-26-3 CGCG 247-4 IRAS 14009+4924 PGC 50031                            |
| NGC 5451 |        | Knt in Glxy      |      |   |
| NGC 5457 |        | Glxy SAB(rs)cd   | 8.3  | M 101 UGC 1035 MCG 8-3-23 CGCG 551-18 PGC 50063                                     |
| NGC 5461 | H788-3 | Knt in Glxy      |      |   |
| NGC 5462 | H789-3 | Knt in Glxy      |      |   |
| NGC 5471 |        | Glxy             |      |   |
| NGC 5473 | H231-1 | Glxy SAB(s)0-:   | 12.4 | UGC 9011 MCG 9-23-31 CGCG 272-22 PGC 50191  |
| NGC 5474 | H214-1 | Glxy S(c)        | 11.3 | UGC 9013 MCG 9-23-32 CGCG 272-23 VV 344 ARP 26 PGC 50216                            |
| NGC 5475 | H800-2 | Glxy Sa? sp      | 13.5 | UGC 9016 MCG 9-23-33 CGCG 272-24 PGC 50231  |
| NGC 5477 | H790-3 | Glxy SA(s)m      | 14   | UGC 9018 MCG 9-23-34 DDO186 CGCG 272-25 VV 561 KUG 1403+546 PGC 50262               |
| NGC 5480 | H692-2 | Glxy SA(s)c:     | 12.8 | UGC 9026 MCG 9-23-35 CGCG 272-27 IRAS 14045+5057 PGC 50312                          |
| NGC 5481 | H693-2 | Glxy E+          | 13.3 | UGC 9029 MCG 9-23-36 CGCG 272-28 PGC 50331  |
| NGC 5484 | H791-3 | Glxy E2          | 15.7 | CGCG 272-29 PGC 50338   |
| NGC 5485 | H232-1 | Glxy SA0 pec     | 11.4 | UGC 9033 MCG 9-23-37 CGCG 272-30 PGC 50369  |
| NGC 5486 | H801-2 | Glxy SA(s)m:     | 13.8 | UGC 9036 MCG 9-23-38 CGCG 272-31 IRAS 14056+5520 PGC 50383                          |
| NGC 5503 |        | Glxy             | 16   | MCG 10-20-77 PGC 50508  |
| NGC 5526 | H804-3 | Glxy Sbc         | 14.3 | UGC 9115 MCG 10-20-85 CGCG 295-40 IRAS 14122+5800 PGC 50832                         |
| NGC 5540 | H805-3 | Glxy             | 14.9 | MCG 10-20-90 CGCG 295-41 PGC 50883  |
| NGC 5561 |        | Glxy Sm          | 15.4 | UGC 9151 MCG 10-20-93 CGCG 295-44 PGC 51026   |
| NGC 5585 | H235-1 | Glxy SAB(s)d     | 11.2 | UGC 9179 MCG 10-20-94 CGCG 295-45 IRAS 14182+5657 KARA624 KUG 1418+569 PGC 51210    |
| NGC 5631 | H236-1 | Glxy SA(s)0^     | 12.4 | UGC 9261 MCG 10-21-2 CGCG 296-5 PGC 51564   |

## Ursa Major - The Great Bear

Observed: Yes

| Object | Her   | Type              | Mag  | Alias/Notes  |
|--------|-------|-------------------|------|--|
| PAL    | 4     | Globular          | 14.2 | Palomar 4  |
| PGC    | 23324 | Glxy Dwarf Irr    | 11.1 | HolmbergII UGC 4305 MCG 12-8-33 DDO50 CGCG 331-34 7ZW223 ARP 268<br>IRAS 8140+7052 |
| PGC    | 23913 | Glxy SA(s)c       | 14.8 | UGC 4445 MCG 10-12-142 CGCG 287-77   |
| PGC    | 24908 | Glxy SBb          | 15.1 | UGC 4633 MCG 9-15-36 CGCG 264-22   |
| PGC    | 24912 | Glxy E            | 15.5 | MCG 9-15-38 CGCG 264-23  |
| PGC    | 24916 | Glxy              | 15.6 | CGCG 264-25  |
| PGC    | 25130 | Glxy S?           | 13.6 | UGC 4671 MCG 9-15-53 CGCG 264-33 IRAS 8531+5217                                    |
| PGC    | 25240 | Glxy Dwarf Spiral | 15.2 | UGC 4612   |
| PGC    | 25290 | Glxy Sb           | 13.6 | UGC 4713 MCG 9-15-70 CGCG 264-47 IRAS 8567+5241                                    |
| PGC    | 25305 | Glxy Sab          | 15   | UGC 4717 MCG 9-15-73 CGCG 264-48   |
| PGC    | 25308 | Glxy Sc           | 14.9 | UGC 4719 MCG 9-15-72 CGCG 264-49 IRAS 8570+5052                                    |
| PGC    | 25369 | Glxy Sc           | 14.9 | UGC 4727 MCG 10-13-51  |
| PGC    | 25370 | Glxy S?           | 14.6 | UGC 4730 MCG 10-13-52 MK 18 CGCG 288-17 IRAS 8580+6020 ANON 858+60                 |
| PGC    | 25649 | Glxy S0-:         | 14.1 | UGC 4775 MCG 11-11-37 CGCG 311-29  |
| PGC    | 25755 | Glxy              | 15.7 | CGCG 264-68  |
| PGC    | 26289 | Glxy Sab          | 14.7 | UGC 4896 MCG 12-9-36 CGCG 332-39   |
| PGC    | 26572 | Glxy SBR          | 14.8 | MCG 9-16-8 CGCG 265-9  |
| PGC    | 26579 | Glxy Sa           | 14.7 | UGC 4967 MCG 12-9-44 CGCG 332-46   |
| PGC    | 26694 | Glxy C            | 15.8 | CGCG 238-51  |
| PGC    | 26849 | Glxy SB(s)dm pec  | 14.3 | UGC 5028 MCG 12-9-49 MK 111 CGCG 332-50 7ZW280 VV 106 ARP 300<br>IRAS 9235+6837    |
| PGC    | 26864 | Glxy SAB(s)c      | 14.1 | UGC 5029 MCG 12-9-50 CGCG 332-51 VV 106 ARP 300                                    |
| PGC    | 26940 | Glxy C            | 15.3 | CGCG 312-12  |
| PGC    | 27029 | Glxy Sc           | 15.3 | UGC 5058 MCG 11-12-13 CGCG 312-13  |
| PGC    | 27041 | Glxy SBa          | 15.2 | UGC 5061 MCG 11-12-14 CGCG 312-14  |
| PGC    | 27076 | Glxy SB           | 16.7 | MCG 10-14-17   |
| PGC    | 27788 | Glxy S?           | 15.1 | UGC 5179 MCG 10-14-33 MK 1423 CGCG 289-17  |
| PGC    | 28045 | Glxy S?           | 14.7 | UGC 5225 MCG 8-18-30 CGCG 239-26 1ZW21 ANON 943+46                                 |
| PGC    | 28239 | Glxy Spiral       | 15.3 | MCG 7-20-57 CGCG 210-38  |
| PGC    | 28330 | Glxy              | 14.9 | UGC 5273 MCG 7-20-66 CGCG 239-35   |
| PGC    | 28340 | Glxy Compact      | 15.5 | UGC 5273 MCG 7-20-67 MK 1237 CGCG 239-35   |
| PGC    | 28751 | Glxy S            | 15.8 | MCG 8-18-45  |
| PGC    | 28753 | Glxy S?           | 16.5 | MCG 8-18-46 Hickson 41C  |
| PGC    | 28757 | Glxy Im           | 14   | HolmbergIX UGC 5336 MCG 12-10-12 DDO66 ANON 953+69                                 |
| PGC    | 28764 | Glxy S?           | 14.6 | UGC 5345 MCG 8-18-47 CGCG 239-45 IRAS 9544+4528 Hickson 41A                        |
| PGC    | 28770 | Glxy S            | 15.3 | UGC 5346 MCG 8-18-48 CGCG 239-47 Hickson 41B                                       |
| PGC    | 28784 | Glxy E            | 18.1 | Hickson 41D  |
| PGC    | 28990 | Glxy Sb-Sc        | 14.8 | MCG 9-17-9 CGCG 266-7 CGCG 265-55  |
| PGC    | 29068 | Glxy S R          | 16.6 | MCG 9-17-11  |
| PGC    | 29142 | Glxy S0/a         | 15.4 | UGC 5405 MCG 9-17-15 CGCG 266-12   |
| PGC    | 29229 | Glxy Sdm:         | 18   | UGC 5421 MCG 9-17-18 SBS1001+555   |
| PGC    | 29327 | Glxy E/S0         | 13.7 | UGC 5435 MCG 10-15-13 CGCG 290-8   |
| PGC    | 29427 | Glxy Im           | 14.1 | UGC 5451 MCG 8-19-4 CGCG 240-10  |
| PGC    | 29472 | Glxy SB(s)c? sp   | 13.2 | UGC 5459 MCG 9-17-27 CGCG 266-24 IRAS 10049+5319 ANON 1004+53                      |
| PGC    | 29550 | Glxy SB(s)c       | 15.1 | UGC 5475 MCG 10-15-19 CGCG 290-9   |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her | Type         | Mag  | Alias/Notes   |
|-----------|-----|--------------|------|---|
| PGC 29595 |     | Glxy Sdm:    | 15.4 | UGC 5480 MCG 10-15-22 CGCG 290-10                           |
| PGC 29612 |     | Glxy         | 15.8 | CGCG 290-11   |
| PGC 29955 |     | Glxy SB      | 15.4 | UGC 5531 MCG 7-21-33 CGCG 211-33 IRAS 10126+4414            |
| PGC 29962 |     | Glxy S?      | 14.8 | MCG 7-21-34 MK 139 CGCG 211-34 ANON 1012+44 KUG 1012+440    |
| PGC 30027 |     | Glxy E:      | 14.6 | UGC 5542 MCG 10-15-54 CGCG 290-25                           |
| PGC 30122 |     | Glxy         | 14.8 | MCG 10-15-59  |
| PGC 30137 |     | Glxy S       | 17.6 | Hickson 45B   |
| PGC 30143 |     | Glxy S       | 18.4 | Hickson 45C   |
| PGC 30153 |     | Glxy Sb      | 15.7 | UGC 5564 MCG 10-15-61 Hickson 45A                           |
| PGC 30156 |     | Glxy S       | 17.6 | Hickson 45D   |
| PGC 30240 |     | Glxy Sab     | 15.4 | UGC 5579 MCG 10-15-66 CGCG 290-29                           |
| PGC 30368 |     | Glxy Sbc     | 15.6 | MCG 10-15-70 CGCG 290-31                                    |
| PGC 30649 |     | Glxy E/S0    | 14.9 | MCG 10-15-79 CGCG 290-39                                    |
| PGC 30693 |     | Glxy S       | 15.1 | MCG 12-10-36  |
| PGC 31141 |     | Glxy Im pec: | 13.4 | UGC 5720 MCG 9-17-70 MK 33 CGCG 266-55 ARP 233 ANON 1029+54 |
| PGC 31192 |     | Glxy Sbc     | 14.9 | UGC 5727 MCG 11-13-32 CGCG 313-23                           |
| PGC 31697 |     | Glxy S?      | 14.5 | UGC 5791 MCG 8-20-4 CGCG 241-4                              |
| PGC 31720 |     | Glxy S?      | 14.8 | UGC 5798 MCG 8-20-11 CGCG 241-6                             |
| PGC 31959 |     | Glxy SBb     | 14.1 | UGC 5838 MCG 7-22-48 CGCG 212-42 IRAS 10405+4102            |
| PGC 31965 |     | Glxy S0/a    | 14.8 | UGC 5839 MCG 7-22-49 CGCG 212-43                            |
| PGC 32218 |     | Glxy I       | 15.8 | MCG 12-10-80  |
| PGC 32405 |     | Glxy Im:     | 15.1 | UGC 5918 MCG 11-13-39 DDO87 7ZW347 ANON 1046+65             |
| PGC 32587 |     | Glxy         | 15.2 | MCG 9-18-41   |
| PGC 32740 |     | Glxy Im      | 15.2 | UGC 6016 MCG 9-18-52 ARP 205                                |
| PGC 32784 |     | Glxy Sm      | 15.7 | MCG 10-16-24 VV 14 ARP 24                                   |
| PGC 32890 |     | Glxy L       | 17.3 | Hickson 49D   |
| PGC 32893 |     | Glxy S       | 17.6 | Hickson 49C   |
| PGC 32895 |     | Glxy S       | 16.7 | Hickson 49B   |
| PGC 32899 |     | Glxy S?      | 16.2 | CGCG 314-1 CGCG 313-40 Hickson 49A                          |
| PGC 33043 |     | Glxy         | 15.8 | MCG 10-16-37 CGCG 291-17 ARAK271                            |
| PGC 33071 |     | Glxy S       | 15.4 | MCG 10-16-40  |
| PGC 33205 |     | Glxy Sbc     | 15.2 | MCG 10-16-44 CGCG 291-21 7ZW360 VV 627                      |
| PGC 33423 |     | Glxy Ring    | 15.4 | MCG 7-23-19 VV 32 ARP 148 ANON 1101+41 KUG 1101+411         |
| PGC 33448 |     | Glxy C       | 15.4 | CGCG 213-25   |
| PGC 33526 |     | Glxy S       | 16.1 | MCG 10-16-55  |
| PGC 33571 |     | Glxy S       | 14.7 | UGC 6149 MCG 7-23-23 CGCG 213-28                            |
| PGC 33625 |     | Glxy SBdm    | 14   | UGC 6161 MCG 7-23-24 CGCG 213-29                            |
| PGC 33887 |     | Glxy S       | 16   | KUG 1107+288  |
| PGC 33924 |     | Glxy C       | 15.5 | CGCG 156-2 CGCG 155-81                                      |
| PGC 33944 |     | Glxy         |      |   |
| PGC 33994 |     | Glxy         |      |   |
| PGC 34000 |     | Glxy S       | 15.5 | MCG 5-27-12   |
| PGC 34017 |     | Glxy         | 15.5 | MCG 5-27-15 CGCG 155-91 CGCG 156-13                         |
| PGC 34036 |     | Glxy S       | 15.7 | MCG 5-27-16 CGCG 156-15 KUG 1108+290                        |
| PGC 34068 |     | Glxy S       | 15.4 | UGC 6241 MCG 5-27-18 CGCG 156-19 KUG 1109+287               |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her | Type               | Mag  | Alias/Notes  |
|-----------|-----|--------------------|------|--|
| PGC 34303 |     | Glxy S0            | 13.8 | UGC 6276 MCG 5-27-32 CGCG 156-36   |
| PGC 34356 |     | Glxy SBR           | 15.6 | MCG 9-19-21  |
| PGC 34375 |     | Glxy E3:           | 14   | MCG 5-27-35 CGCG 156-39  |
| PGC 34376 |     | Glxy E3:           | 14   | CGCG 156-41 ANON 1113+29A  |
| PGC 34380 |     | Glxy S?            | 15   | MCG 5-27-36 CGCG 156-40  |
| PGC 34384 |     | Glxy               |      |  |
| PGC 34385 |     | Glxy S?            | 14.8 | MCG 5-27-37 CGCG 156-42  |
| PGC 34386 |     | Glxy               |      |  |
| PGC 34388 |     | Glxy               |      |  |
| PGC 34393 |     | Glxy SB(s)b        | 14.4 | UGC 6292 MCG 5-27-38 CGCG 156-44 IRAS 11137+2935 KUG 1113+295                          |
| PGC 34394 |     | Glxy               |      |  |
| PGC 34395 |     | Glxy S             | 16.8 | MCG 5-27-39A CGCG 156-43   |
| PGC 34396 |     | Glxy S             | 17.1 | MCG 5-27-39 CGCG 156-43  |
| PGC 34397 |     | Glxy               | 15.5 | MCG 5-27-41 CGCG 156-46  |
| PGC 34398 |     | Glxy               | 15.2 | MCG 5-27-40 CGCG 156-46  |
| PGC 34702 |     | Glxy Sab           | 15.1 | UGC 6347 MCG 6-25-45 CGCG 185-39   |
| PGC 34704 |     | Glxy Dwarf Spiral  | 14.5 | UGC 6344   |
| PGC 34733 |     | Glxy Sd            | 14.6 | UGC 6355 MCG 5-27-59 CGCG 156-65 KUG 1118+314  |
| PGC 34768 |     | Glxy SB(s)ab       | 14.6 | UGC 6367 MCG 5-27-60 CGCG 156-66 IRAS 11183+3131                                       |
| PGC 34803 |     | Glxy               | 15.7 | CGCG 185-43  |
| PGC 34812 |     | Glxy S0/a          | 15.1 | MCG 6-25-51 CGCG 185-44  |
| PGC 34869 |     | Glxy Sd            | 14.7 | UGC 6378 MCG 12-11-20 CGCG 334-28 ANON 1119+69   |
| PGC 34895 |     | Glxy               | 14.4 | MCG 9-19-52  |
| PGC 34933 |     | Glxy SBa           | 14.8 | UGC 6393 MCG 6-25-56 CGCG 185-50   |
| PGC 34944 |     | Glxy               | 15.2 | MCG 9-19-56  |
| PGC 34962 |     | Glxy S             | 15.6 | MCG 9-19-59  |
| PGC 34975 |     | Glxy Sb-c          | 15.7 | UGC 6400 MCG 9-19-62   |
| PGC 34985 |     | Glxy               |      | MCG 9-19-64 VV 22 ARP 155  |
| PGC 35055 |     | Glxy S             | 15.6 | UGC 6422 MCG 9-19-70   |
| PGC 35104 |     | Glxy SBb           | 15.4 | MCG 10-16-134 CGCG 291-66  |
| PGC 35129 |     | Glxy S0 pec        | 16.6 | MCG 9-19-73 MK 40 1ZW26 VV 144 ARP 151 ANON 1122+54                                    |
| PGC 35325 |     | Glxy               |      | MCG 10-17-2A VV 118 ARP 299  |
| PGC 35345 |     | Glxy B             | 15.7 | MCG 10-17-5 VV 118 ARP 296   |
| PGC 35609 |     | Glxy SB0 pec:      | 16.4 | Hickson 56E ARP 322  |
| PGC 35615 |     | Glxy SA(s)0/a pec: | 16.8 | Hickson 56D ARP 322  |
| PGC 35618 |     | Glxy (R')S0/a pec: | 15.8 | Hickson 56C ARP 322  |
| PGC 35620 |     | Glxy Sa pec sp     | 16.2 | UGC 6527 MCG 9-19-111 MK 176 CGCG 268-49 1ZW27 VV 150 ARP 322 KUG 1129+532 Hickson 56B |
| PGC 35626 |     | Glxy SA(rs)c       | 14.1 | UGC 6528 MCG 10-17-13 CGCG 292-3 CGCG 291-77   |
| PGC 35631 |     | Glxy S?            | 16.2 | MCG 9-19-113 CGCG 268-49 ANON 1129+53E ARP 322 Hickson 56A                             |
| PGC 35675 |     | Glxy Sd            | 13.4 | UGC 6534 MCG 11-14-30 CGCG 314-32 IRAS 11304+6333 ANON 1130+63                         |
| PGC 35702 |     | Glxy S             | 15   | MCG 8-21-54  |
| PGC 35762 |     | Glxy S             | 16   | MCG 8-21-59  |
| PGC 35774 |     | Glxy               |      | MCG 8-21-60  |
| PGC 35799 |     | Glxy Sc            | 14.9 | MCG 9-19-125 CGCG 268-54   |
| PGC 35811 |     | Glxy E/S0          | 15.4 | MCG 9-19-126 CGCG 268-57   |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her | Type               | Mag  | Alias/Notes  |
|-----------|-----|--------------------|------|--|
| PGC 35831 |     | Glxy S             | 15.8 | MCG 8-21-64  |
| PGC 35845 |     | Glxy S             | 15.7 | MCG 8-21-65  |
| PGC 35846 |     | Glxy E             |      | MCG 8-21-66  |
| PGC 35849 |     | Glxy               |      |  |
| PGC 35872 |     | Glxy S             | 15.5 | MCG 9-19-131 CGCG 268-61   |
| PGC 36037 |     | Glxy E?            | 13.9 | UGC 6604 MCG 10-17-29 CGCG 292-13                                  |
| PGC 36137 |     | Glxy SA(s)d:       | 13.7 | UGC 6616 MCG 10-17-35 CGCG 292-15                                  |
| PGC 36305 |     | Glxy S             | 15.1 | UGC 6658 MCG 5-28-16 CGCG 157-16                                   |
| PGC 36343 |     | Glxy Scd:          | 14.2 | UGC 6667 MCG 9-19-157 CGCG 268-71                                  |
| PGC 36463 |     | Glxy SB?           | 15.2 | MCG 9-19-165 MK 1452 CGCG 268-75 VV 320 KUG 1141+553A              |
| PGC 36585 |     | Glxy S             | 15.3 | MCG 10-17-58 CGCG 292-24   |
| PGC 36785 |     | Glxy               | 15   | MCG 9-19-183   |
| PGC 36973 |     | Glxy Scd:          | 15.9 | UGC 6802 MCG 9-19-209 ANON 1147+52                                 |
| PGC 37013 |     | Glxy S             | 14.2 | MCG 9-19-213   |
| PGC 37090 |     | Glxy L             | 15.4 | MCG 6-26-43 CGCG 186-56 ARAK329                                    |
| PGC 37164 |     | Glxy SB(rs)m       | 14.3 | UGC 6840 MCG 9-20-19 DDO100 CGCG 269-12 ANON 1149+52               |
| PGC 37168 |     | Glxy               | 15.2 | MCG 9-20-18 KUG 1149+522   |
| PGC 37282 |     | Glxy S?            | 14.7 | UGC 6865 MCG 7-25-2 CGCG 214-35 CGCG 215-3 2ZW55 VV 286 ARP 62     |
| PGC 37416 |     | Glxy S             | 15.8 | MCG 5-28-46 KUG 1152+286   |
| PGC 37526 |     | Glxy C             | 15.7 | MCG 10-17-106 CGCG 292-49  |
| PGC 37534 |     | Glxy S             | 17.6 | MCG 10-17-108  |
| PGC 37589 |     | Glxy Scd:          | 15   | UGC 6929 MCG 6-26-58 CGCG 186-72                                   |
| PGC 37639 |     | Glxy S?            | 14.9 | UGC 6945 MCG 6-26-62 CGCG 186-76 VV 126 ARP 194                    |
| PGC 38053 |     | Glxy S             | 16.2 | Hickson 60B  |
| PGC 38064 |     | Glxy S             | 16.5 | Hickson 60C  |
| PGC 38065 |     | Glxy S0?           | 15.8 | MCG 9-20-71 Hickson 60A  |
| PGC 38072 |     | Glxy S             | 16.4 | Hickson 60D  |
| PGC 38076 |     | Glxy E             |      | MCG 9-20-72  |
| PGC 38092 |     | Glxy E             |      | MCG 9-20-74  |
| PGC 38105 |     | Glxy S             | 16   | MCG 9-20-76  |
| PGC 38106 |     | Glxy E             |      | MCG 9-20-75  |
| PGC 38307 |     | Glxy Sb            | 15.5 | MCG 5-29-12  |
| PGC 38325 |     | Glxy SA(r)0- pec   | 15.3 | UGC 7085A MCG 5-29-11 CGCG 158-16 VV 13 ARP 97 ANON 1203+31B       |
| PGC 38327 |     | Glxy SAB0- pec:    | 15.7 | UGC 7085A MCG 5-29-10 CGCG 158-16 VV 13 ARP 97 ANON 1203+31A       |
| PGC 38375 |     | Glxy Sdm:          | 15.4 | UGC 7094 MCG 7-25-22 CGCG 215-25                                   |
| PGC 38812 |     | Glxy S             | 15.6 | MCG 10-17-157 CGCG 292-77  |
| PGC 41841 |     | Glxy SBR           | 16.5 | MCG 10-18-68   |
| PGC 41897 |     | Glxy               | 16   |  |
| PGC 42725 |     | Glxy S?            | 16.5 | MCG 9-21-32  |
| PGC 42841 |     | Glxy S? pec        | 14.5 | UGC 7905 MCG 9-21-34 MK 220 CGCG 270-16 1ZW41 VV 708 ANON 1241+55A |
| PGC 42844 |     | Glxy Double System | 14.1 | UGC 7905 MCG 9-21-33 MK 221 CGCG 270-16 1ZW41 VV 708 ANON 1241+55B |
| PGC 43028 |     | Glxy S             | 15.8 | MCG 9-21-41  |
| PGC 44961 |     | Glxy Sd            | 14.4 | UGC 8146 MCG 10-19-15 CGCG 294-10                                  |
| PGC 45228 |     | Glxy SB            | 15.3 | MCG 9-21-101 CGCG 270-47 CGCG 271-3                                |

## Ursa Major - The Great Bear

Observed: Yes

| Object    | Her | Type           | Mag  | Alias/Notes   |
|-----------|-----|----------------|------|---|
| PGC 45255 |     | Glxy S?        | 15.7 | MCG 9-22-2  |
| PGC 45277 |     | Glxy           | 16   | MCG 9-22-3 MK 239 CGCG 271-4 CGCG 270-48                                |
| PGC 45334 |     | Glxy           | 15.7 | MCG 9-22-11 CGCG 270-52 CGCG 271-8                                      |
| PGC 45337 |     | Glxy Scd:      | 16   | MK 242 ANON 1303+53   |
| PGC 45476 |     | Glxy SB?       | 14.4 | UGC 8214 MCG 10-19-36 CGCG 294-19 IRAS 13056+6228                       |
| PGC 45501 |     | Glxy S         | 15.6 | MCG 10-19-37 CGCG 316-10  |
| PGC 45572 |     | Glxy S0/a      | 14.1 | UGC 8234 MCG 10-19-40 CGCG 316-11 ANON 1306+62                          |
| PGC 45583 |     | Glxy (R')SBb:  | 13.9 | UGC 8237 MCG 10-19-41 CGCG 316-12 IRAS 13069+6234                       |
| PGC 45617 |     | Glxy           | 15.7 | MCG 10-19-44 CGCG 294-23  |
| PGC 46114 |     | Glxy S         | 15.3 | MCG 10-19-57 CGCG 294-28 VV 250 ARP 238                                 |
| PGC 46133 |     | Glxy S?        | 14.4 | UGC 8335 MCG 10-19-56 CGCG 294-28 7ZW506 VV 250 ARP 238 IRAS 13136+6223 |
| PGC 46620 |     | Glxy S         | 13.1 | MCG 10-19-63  |
| PGC 47328 |     | Glxy S R       | 15.9 | MCG 9-22-70   |
| PGC 47470 |     | Glxy E         | 15.8 | MCG 10-19-80 CGCG 294-40 KARA589  |
| PGC 47501 |     | Glxy S         | 15.6 | UGC 8511 MCG 10-19-81 CGCG 316-18 CGCG 317-1                            |
| PGC 47512 |     | Glxy Sab       | 15.1 | UGC 8514 MCG 10-19-82 CGCG 294-41                                       |
| PGC 47854 |     | Glxy S?        | 14.4 | UGC 8571 MCG 10-19-95 CGCG 294-49 IRAS 13329+6215                       |
| PGC 47926 |     | Glxy S         | 16   | MCG 9-22-83   |
| PGC 48198 |     | Glxy S         | 15.8 | MCG 10-19-103   |
| PGC 48220 |     | Glxy E         | 17.6 | Hickson 66D   |
| PGC 48222 |     | Glxy S         | 16.7 | Hickson 66C   |
| PGC 48226 |     | Glxy S0?       | 15.8 | MCG 10-19-104 CGCG 294-55 CGCG 295-3 Hickson 66A                        |
| PGC 48231 |     | Glxy S         | 16.8 | Hickson 66B   |
| PGC 48439 |     | Glxy S         | 14.1 | MCG 9-22-94   |
| PGC 48450 |     | Glxy S?        | 14.5 | UGC 8671 MCG 9-22-96 CGCG 271-57 CGCG 272-2 ARAK427                     |
| PGC 48570 |     | Glxy C         | 15.6 | CGCG 271-59 CGCG 272-4  |
| PGC 49448 |     | Glxy IB(s)m sp | 13.8 | HolmbergIV UGC 8837 MCG 9-23-17 DDO185 CGCG 272-13 ANON 1352+54         |
| PGC 49512 |     | Glxy Sm        | 15   | UGC 8859 MCG 10-20-50   |
| PGC 50413 |     | Glxy S         | 15.8 | MCG 10-20-75  |
| PGC 50436 |     | Glxy Sb        | 15.5 | UGC 9049 MCG 10-20-74 CGCG 295-36                                       |
| PGC 50480 |     | Glxy S         | 16.7 | MCG 10-20-76  |
| WINN 4    |     | Unknown STAR   | 10.3 | M 40 WINNECKE 4 KUG 2357+228  |

**Sub Total: 769****Total: 951**