

# Virgo - The Virgin

|         |      |     |                  | By NGC/IC Number |              |                |                |                |                               |
|---------|------|-----|------------------|------------------|--------------|----------------|----------------|----------------|-------------------------------|
| Catalog | M    | Her | Object Type      | Mag              | Alias/Notes  |                |                |                |                               |
| IC      | 716  |     | Glxy Sbc pec sp  | 14.8             | UGC 6612     | MCG 0-30-18    | CGCG 12-47     | KARA492        | PGC 36102                     |
| IC      | 718  |     | Glxy Im:         | 14.5             | UGC 6626     | MCG 2-30-7     | CGCG 68-18     | PGC 36174      |                               |
| IC      | 719  |     | Glxy S0?         | 14.1             | UGC 6633     | MCG 2-30-8     | CGCG 68-21     | ARAK308        | IRAS 11377+917 PGC 36205      |
| IC      | 720  |     | Glxy S?          | 14.3             | MCG 2-30-16  | CGCG 68-35     | PGC 36333      |                |                               |
| IC      | 722  |     | Glxy S?          | 14.5             | MCG 2-30-19  | CGCG 68-39     | PGC 36365      |                |                               |
| IC      | 724  |     | Glxy Sa          | 13.4             | UGC 6695     | MCG 2-30-22    | CGCG 68-45     | IRAS 11409+913 | PGC 36450                     |
| IC      | 725  |     | Glxy E:          | 14.9             | CGCG 12-65   | PGC 36444      |                |                |                               |
| IC      | 728  |     | Glxy SB(rs)b     | 14.4             | UGC 6720     | MCG 0-30-21    | CGCG 12-71     | IRAS 11422-119 | PGC 36580                     |
| IC      | 730  |     | Non-Existent     |                  | MCG 1-30-13  | CGCG 40-40     | IRAS 11430+330 | PGC 36658      |                               |
| IC      | 738  |     | Glxy Sm          | 15.9             | PGC 36895    |                |                |                |                               |
| IC      | 741  |     | Glxy S0/a        | 14               | MCG -1-30-37 | PGC 37008      |                |                |                               |
| IC      | 745  |     | Glxy S0          | 14.2             | UGC 6877     | MCG 0-30-34    | MK 1308        | CGCG 12-114    | ARAK332 UM465 PGC 37339       |
| IC      | 747  |     | Glxy             |                  |              |                |                |                |                               |
| IC      | 748  |     | Glxy             | 16               | MCG 1-31-6   | CGCG 41-11     | ARAK336        | IRAS 11548+744 | PGC 37600                     |
| IC      | 753  |     | Glxy SB(r)0^     | 15.2             | UGC 6979     | MCG 0-31-12    | CGCG 13-23     | ARAK340        | PGC 37745                     |
| IC      | 754  |     | Glxy E+          | 14.1             | UGC 6984     | MCG 0-31-13    | CGCG 13-25     | PGC 37757      |                               |
| IC      | 756  |     | Glxy (R')SA(s)c: | 14.3             | UGC 7026     | MCG 1-31-15    | CGCG 41-29     | PGC 38054      |                               |
| IC      | 767  |     | Glxy E?          | 14.8             | MCG 2-31-42  | MK 760         | CGCG 69-73     | VCC32          | PGC 38792                     |
| IC      | 768  |     | Glxy Scd:        | 14.5             | UGC 7192     | MCG 2-31-44    | CGCG 69-75     | VCC38          | KUG 1209+124 PGC 38848        |
| IC      | 769  |     | Glxy SA(rs)bc    | 13.4             | UGC 7209     | MCG 2-31-47    | CGCG 69-83     | VCC58          | IRAS 12099+1224 PGC 38916     |
| IC      | 770  |     | Glxy             |                  |              |                |                |                |                               |
| IC      | 771  |     | Glxy SB?         | 14.8             | MCG 2-31-67  | CGCG 69-105    | VCC142         | KUG 1212+134   | PGC 39176                     |
| IC      | 773  |     | Glxy SB0+?       | 14.5             | MCG 1-31-44  | CGCG 41-73     | VCC271         | IRAS 12155+625 | PGC 39493                     |
| IC      | 774  |     | Glxy             |                  |              |                |                |                |                               |
| IC      | 775  |     | Glxy SB0- pec:   | 13.3             | UGC 7350     | MCG 2-31-87    | CGCG 70-4      | VCC311         | PGC 39587                     |
| IC      | 776  |     | Glxy Sdm         | 14.3             | UGC 7352     | MCG 2-31-88    | CGCG 70-5      | VV 614         | VCC318 PGC 39613              |
| IC      | 782  |     | Glxy SB0/SBa(r)  | 14.5             | MCG 1-32-20  | CGCG 42-43     | VCC486         | PGC 39962      |                               |
| IC      | 784  |     | Glxy SAB(rs)bc:  | 13.8             | MCG -1-32-6  | IRAS 12199-422 | PGC 40092      |                |                               |
| IC      | 789  |     | Glxy S0?         | 14.9             | UGC 7533     | MCG 1-32-61    | CGCG 42-102    | VCC889         | PGC 40673                     |
| IC      | 790  |     | Glxy S0?         | 15.5             | MCG 2-32-51  | CGCG 70-75     | VCC919         | PGC 40713      |                               |
| IC      | 793  |     | Non-Existent     |                  |              |                |                |                |                               |
| IC      | 794  |     | Glxy E+:         | 14.1             | UGC 7585     | MCG 2-32-70    | CGCG 70-102    | VCC1073        | PGC 40964                     |
| IC      | 799  |     | Non-Existent     |                  | PGC 41748    |                |                |                |                               |
| IC      | 804  |     | Glxy             |                  |              |                |                |                |                               |
| IC      | 809  |     | Glxy E           | 14.5             | IC 809       | IC 3672        | UGC 7863       | MCG 2-32-184   | CGCG 70-225 VCC1910 PGC 42638 |
| IC      | 810  |     | Glxy S0?         | 14.4             | UGC 7864     | MCG 2-32-185   | CGCG 70-226    | VCC1912        | PGC 42643                     |
| IC      | 811  |     | Non-Existent     |                  | MCG -2-33-2  | PGC 42946      |                |                |                               |
| IC      | 812  |     | Glxy             | 14.1             | PGC 42952    |                |                |                |                               |
| IC      | 814  |     | Glxy             |                  |              |                |                |                |                               |
| IC      | 815  |     | Non-Existent     |                  |              |                |                |                |                               |
| IC      | 815A |     | Glxy             | 15.2             | IC 815       | MCG 2-33-14    | CGCG 71-35     | PGC 43076      |                               |
| IC      | 815B |     | Glxy S           |                  | IC 815       | MCG 2-33-15    | CGCG 71-35     | PGC 43086      |                               |
| IC      | 816  |     | Glxy SB?         | 14.9             | UGC 7944     | MCG 2-33-19    | CGCG 71-38     | VCC2044        | PGC 43111                     |
| IC      | 817  |     | Glxy E-S0        | 13.9             | IC 3764      | IC 817         | MCG 2-33-20    | CGCG 71-39     | VCC2046 PGC 43126             |
| IC      | 824  |     | Non-Existent     |                  | MCG -1-33-18 | IRAS 12471-418 | PGC 43385      |                |                               |

# Virgo - The Virgin

|         |   | By NGC/IC Number |                     |      |                                                           |
|---------|---|------------------|---------------------|------|-----------------------------------------------------------|
| Catalog | M | Her              | Object Type         | Mag  | Alias/Notes                                               |
| IC 825  |   |                  | Glxy                |      |                                                           |
| IC 828  |   |                  | Glxy                |      |                                                           |
| IC 833  |   |                  | Glxy                |      |                                                           |
| IC 840  |   |                  | Glxy SBa:           | 14.5 | UGC 8090 MCG 2-33-40 CGCG 71-86 PGC 44495                 |
| IC 845  |   |                  | Glxy                |      |                                                           |
| IC 849  |   |                  | Glxy SAB(rs)cd pec? | 13.6 | UGC 8202 MCG 0-34-2 CGCG 16-3 IRAS 13050-40 PGC 45480     |
| IC 850  |   |                  | Glxy Sd pec sp      | 15.2 | MCG 0-34-3 CGCG 16-4 IRAS 13052-36 PGC 45491              |
| IC 855  |   |                  | Glxy                | 14.9 | PGC 45725                                                 |
| IC 863  |   |                  | Glxy SB(rs)0/a? pec | 14.5 | MCG -3-34-43 IRAS 13145-1659 PGC 46270                    |
| IC 865  |   |                  | Glxy                |      |                                                           |
| IC 871  |   |                  | Glxy Sb             | 14.2 | UGC 8358 MCG 1-34-16 CGCG 44-58 IRAS 13155+439 PGC 46321  |
| IC 872  |   |                  | Glxy                |      |                                                           |
| IC 873  |   |                  | Glxy                | 15.3 | CGCG 44-59 PGC 46345                                      |
| IC 876  |   |                  | Glxy Sa             | 14.9 | MCG 1-34-17 CGCG 44-61 IRAS 13160+445 PGC 46370           |
| IC 877  |   |                  | Non-Existent        |      |                                                           |
| IC 878  |   |                  | Non-Existent        |      | Single Star                                               |
| IC 880  |   |                  | Non-Existent        |      | Single Star                                               |
| IC 884  |   |                  | Non-Existent        |      |                                                           |
| IC 886  |   |                  | Glxy                |      |                                                           |
| IC 887  |   |                  | Non-Existent        |      |                                                           |
| IC 888  |   |                  | Non-Existent        |      |                                                           |
| IC 889  |   |                  | Glxy                | 15.5 | CGCG 72-74 PGC 47050                                      |
| IC 890  |   |                  | Glxy                |      |                                                           |
| IC 891  |   |                  | Glxy E/S0           | 14.7 | MCG 0-34-40 CGCG 16-80 PGC 47418                          |
| IC 892  |   |                  | Glxy S0 pec         | 13.9 | UGC 8512 MCG 0-35-1 CGCG 17-5 PGC 47564                   |
| IC 893  |   |                  | Glxy Sab            | 15   | UGC 8513 MCG 0-35-2 CGCG 17-6 PGC 47566                   |
| IC 896  |   |                  | Glxy E              | 13.8 | UGC 8545 MCG 1-35-7 CGCG 45-27 PGC 47794                  |
| IC 898  |   |                  | Glxy                | 15.6 | CGCG 73-31 PGC 47797                                      |
| IC 899  |   |                  | Glxy                | 15   |                                                           |
| IC 900  |   |                  | Glxy SAB(s)bc       | 13.6 | UGC 8555 MCG 2-35-4 CGCG 73-37 IRAS 13322+935 PGC 47855   |
| IC 901  |   |                  | Glxy Sab            | 14.9 | MCG 2-35-11 CGCG 73-45 PGC 47954                          |
| IC 903  |   |                  | Glxy (R')Sab:       | 14   | UGC 8625 MCG 0-35-13 CGCG 17-45 PGC 48207                 |
| IC 904  |   |                  | Glxy S0+?           | 14.6 | UGC 8628 MCG 0-35-14 CGCG 17-47 PGC 48217                 |
| IC 908  |   |                  | Glxy SBcd           | 15.5 | MCG -1-35-9 PGC 48443                                     |
| IC 915  |   |                  | Glxy                |      |                                                           |
| IC 920  |   |                  | Glxy E              | 15.8 | MCG -2-35-15 PGC 48779                                    |
| IC 924  |   |                  | Glxy                |      |                                                           |
| IC 927  |   |                  | Glxy                |      |                                                           |
| IC 939  |   |                  | Glxy S              | 14.4 | MCG 1-35-36 CGCG 45-103 PGC 48914                         |
| IC 940  |   |                  | Glxy                | 15.3 | CGCG 45-104 PGC 48933                                     |
| IC 943  |   |                  | Glxy Sb             | 14.8 | MCG 1-35-41 CGCG 45-115 PGC 49130                         |
| IC 947  |   |                  | Glxy S0- pec?       | 13.6 | UGC 8784 MCG 0-35-23 CGCG 17-85 PGC 49287                 |
| IC 952  |   |                  | Glxy SBbc           | 14.8 | UGC 8808 MCG 1-35-49 CGCG 45-133 IRAS 13511+337 PGC 49373 |
| IC 958  |   |                  | Non-Existent        |      |                                                           |
| IC 966  |   |                  | Glxy S0             | 14.1 | UGC 8884 MCG 1-36-6 CGCG 46-21 PGC 49704                  |
| IC 968  |   |                  | Glxy S0             | 14.8 | MCG 0-36-7 CGCG 18-19 PGC 49866                           |

# Virgo - The Virgin

|         |   | By NGC/IC Number |                 |      |                                                                 |
|---------|---|------------------|-----------------|------|-----------------------------------------------------------------|
| Catalog | M | Her              | Object Type     | Mag  | Alias/Notes                                                     |
| IC 969  |   |                  | Glxy            |      |                                                                 |
| IC 971  |   |                  | Glxy SB(s)c     | 13.3 | MCG -2-36-5 IRAS 14012-954 PGC 50120                            |
| IC 972  |   |                  | PI Neb 2c       | 14.9 | Abell 37 PK 326+42.1 PNG 326.7+42.2                             |
| IC 973  |   |                  | Non-Existent    |      |                                                                 |
| IC 974  |   |                  | Non-Existent    |      |                                                                 |
| IC 976  |   |                  | Glxy S0^        | 14   | UGC 9040 MCG 0-36-20 CGCG 18-59 UM639 PGC 50479                 |
| IC 977  |   |                  | Glxy            | 15.3 | CGCG 18-58 PGC 50477                                            |
| IC 978  |   |                  | Glxy Sb         | 15.1 | MCG 0-36-21 CGCG 18-60 PGC 50493                                |
| IC 980  |   |                  | Glxy            |      |                                                                 |
| IC 981  |   |                  | Glxy            | 15   |                                                                 |
| IC 985  |   |                  | Glxy Sb         | 15   | MCG 0-36-24 CGCG 18-72 PGC 50671                                |
| IC 986  |   |                  | Glxy L          | 14.8 | MCG 0-36-25 CGCG 18-73 PGC 50662                                |
| IC 988  |   |                  | Glxy E?         | 15.1 | MCG 1-36-26 CGCG 46-71 PGC 50873                                |
| IC 989  |   |                  | Glxy E          | 14   | UGC 9114 MCG 1-36-27 CGCG 46-72 PGC 50891                       |
| IC 991  |   |                  | Glxy SB(s)c:    | 13.6 | MCG -2-36-19 IRAS 14151-1338 PGC 51059                          |
| IC 992  |   |                  | Glxy SAB(r)c:   | 14.3 | UGC 9147 MCG 0-36-33 CGCG 18-114 IRAS 14156+107 PGC 51090       |
| IC 997  |   |                  | Glxy Sbc        | 14.5 | MCG -1-37-1 IRAS 14173-413 PGC 51220                            |
| IC 998  |   |                  | Glxy            |      |                                                                 |
| IC 1001 |   |                  | Non-Existent    |      |                                                                 |
| IC 1002 |   |                  | Non-Existent    |      |                                                                 |
| IC 1003 |   |                  | Non-Existent    |      |                                                                 |
| IC 1007 |   |                  | Glxy C          | 15   | CGCG 47-34 8ZW412 PGC 51465                                     |
| IC 1010 |   |                  | Glxy SB(r)b pec | 13.6 | UGC 9254 MCG 0-37-6 CGCG 19-28 PGC 51612                        |
| IC 1011 |   |                  | Glxy            | 15.4 | MCG 0-37-8 CGCG 19-36 ARAK451 IRAS 14255+113 PGC 51662          |
| IC 1016 |   |                  | Glxy            |      | IC 1016 MCG 1-37-14 CGCG 47-48 PGC 51624                        |
| IC 1022 |   |                  | Glxy S          | 15.1 | UGC 9311 CGCG 47-66 PGC 51808                                   |
| IC 1024 |   |                  | Glxy S0?        | 13.9 | UGC 9341 MCG 1-37-22 CGCG 47-76 IRAS 14289+313 PGC 51895        |
| IC 1025 |   |                  | Glxy            | 15.3 | CGCG 47-78 PGC 51898                                            |
| IC 1039 |   |                  | Glxy L          | 15.5 | CGCG 47-133 PGC 52428                                           |
| IC 1041 |   |                  | Glxy Sb         | 15.2 | MCG 1-37-45 CGCG 47-134 PGC 52434                               |
| IC 1042 |   |                  | Glxy S0?        | 14.3 | UGC 9457 MCG 1-37-46 CGCG 47-135 ARP 171 PGC 52433              |
| IC 1043 |   |                  | Non-Existent    |      |                                                                 |
| IC 1048 |   |                  | Glxy S          | 13.6 | UGC 9483 MCG 1-37-51 CGCG 48-4 IRAS 14404+506 PGC 52564         |
| IC 1054 |   |                  | Glxy S0         | 14.8 | UGC 9514 CGCG 20-14 PGC 52752                                   |
| IC 1063 |   |                  | Glxy SBb        | 14.2 | IC 1063 UGC 9565 MCG 1-38-7 CGCG 48-36 IRAS 14496+453 PGC 53094 |
| IC 1064 |   |                  | Non-Existent    |      | IC 1064 UGC 9565 MCG 1-38-7 CGCG 48-36 IRAS 14496+453 PGC 53094 |
| IC 1066 |   |                  | Glxy S?         | 14.1 | UGC 9573 MCG 1-38-9 CGCG 48-49 IRAS 14505+330 PGC 53176         |
| IC 1067 |   |                  | Glxy SB(s)b     | 13   | UGC 9574 MCG 1-38-10 CGCG 48-50 PGC 53178                       |
| IC 1068 |   |                  | Glxy L          | 14.9 | MCG 1-38-12 CGCG 48-56 PGC 53223                                |
| IC 1070 |   |                  | Glxy            | 15.6 | CGCG 48-59 PGC 53245                                            |
| IC 1071 |   |                  | Glxy S0         | 14.2 | UGC 9582 MCG 1-38-15 CGCG 48-62 PGC 53260                       |
| IC 1072 |   |                  | Glxy S          | 15.3 | MCG 1-38-16 CGCG 48-64 PGC 53258                                |
| IC 1073 |   |                  | Glxy            | 15.6 | CGCG 48-63 PGC 53259                                            |
| IC 1082 |   |                  | Glxy            | 15.2 | CGCG 48-87 PGC 53523                                            |
| IC 1087 |   |                  | Glxy L          | 15.6 | MCG 1-38-31 CGCG 49-2 PGC 53952                                 |
| IC 1088 |   |                  | Non-Existent    |      | Single Star UGC 9710 MCG 1-38-32 CGCG 49-2 PGC 53951            |

# Virgo - The Virgin

|         |   |        |                 | By NGC/IC Number |                                                                       |
|---------|---|--------|-----------------|------------------|-----------------------------------------------------------------------|
| Catalog | M | Her    | Object Type     | Mag              | Alias/Notes                                                           |
| IC 1089 |   |        | Glxy            | 15.4             | CGCG 49-7 PGC 53989                                                   |
| IC 1101 |   |        | Glxy S0-:       | 14.7             | UGC 9752 CGCG 49-23 PGC 54167                                         |
| IC 1102 |   |        | Glxy Sb:        | 14.8             | UGC 9754 MCG 1-39-0 MK 1395 CGCG 49-25 PGC 54188                      |
| IC 2963 |   | H113-3 | Glxy S0+: sp    | 14.5             | MCG -1-30-36 IRAS 11468-450 PGC 36933                                 |
| IC 2969 |   |        | Glxy SB(r)bc?   | 14               | MCG -1-30-40 IRAS 11499-335 PGC 37196                                 |
| IC 2972 |   |        | Non-Existent    |                  | NGC 3952 MCG -1-30-44 IRAS 11510-342 PGC 37285                        |
| IC 2974 |   |        | Glxy SA(s)c? sp | 13.5             | MCG -1-30-45 IRAS 11512-453 PGC 37304                                 |
| IC 2975 |   |        | Non-Existent    |                  |                                                                       |
| IC 2976 |   |        | Non-Existent    |                  | NGC 3979 UGC 6907 MCG 0-31-3 CGCG 13-5 PGC 37488                      |
| IC 2983 |   |        | Non-Existent    |                  | NGC 4006 UGC 6951 MCG 0-31-6 CGCG 13-15 PGC 37655                     |
| IC 2988 |   |        | Non-Existent    |                  | Single Star                                                           |
| IC 2989 |   |        | Non-Existent    |                  | NGC 4139 MCG 0-31-30 CGCG 13-61 PGC 38213                             |
| IC 2990 |   |        | Glxy            | 15.4             | MCG 2-31-22 CGCG 69-42 PGC 38219                                      |
| IC 2991 |   |        | Glxy S          | 15.9             | MCG 2-31-25 CGCG 69-45 PGC 38273                                      |
| IC 2994 |   |        | Glxy            | 15.5             | CGCG 69-47 PGC 38291                                                  |
| IC 3004 |   |        | Glxy S R        | 15.6             | MCG 2-31-30 CGCG 69-54 PGC 38457                                      |
| IC 3006 |   |        | Non-Existent    |                  | Single Star                                                           |
| IC 3009 |   |        | Non-Existent    |                  |                                                                       |
| IC 3011 |   |        | Non-Existent    |                  | NGC 4124 UGC 7117 MCG 2-31-36 CGCG 69-58 IRAS 12055+1039 PGC 38527    |
| IC 3012 |   |        | Glxy            | 15.2             | CGCG 69-61 PGC 38546                                                  |
| IC 3013 |   |        | Glxy S R        | 15.1             | MCG 2-31-37 CGCG 69-60 PGC 38547                                      |
| IC 3016 |   |        | Glxy SB         | 15.2             | CGCG 69-63 VCC7 PGC 38620                                             |
| IC 3021 |   |        | Glxy Sm         | 14.9             | UGC 7149 CGCG 69-67 VCC15 PGC 38684                                   |
| IC 3024 |   |        | Glxy S?         | 15.1             | UGC 7161 MCG 2-31-39 CGCG 69-68 VCC18 IRAS 12076+1236 PGC 38709       |
| IC 3025 |   |        | Glxy S0?        | 15.4             | MCG 2-31-40 CGCG 69-69 VCC21 PGC 38726                                |
| IC 3028 |   |        | Glxy            |                  |                                                                       |
| IC 3035 |   |        | Non-Existent    |                  | NGC 4165 UGC 7201 MCG 2-31-45 CGCG 69-78 VCC47 KUG 1209+135 PGC 38885 |
| IC 3036 |   |        | Glxy Sm         | 14.3             | UGC 7200 CGCG 69-77 VCC48 PGC 38888                                   |
| IC 3037 |   |        | Glxy S          | 15.4             | CGCG 69-80 VCC51 PGC 38894                                            |
| IC 3038 |   |        | Glxy S          | 15.3             | CGCG 69-82 VCC57 PGC 38920                                            |
| IC 3039 |   |        | Glxy S?         | 15.4             | MCG 2-31-48 CGCG 69-84 VCC59 KUG 1209+125 PGC 38919                   |
| IC 3040 |   |        | Glxy S?         | 15.3             | MCG 2-31-49 CGCG 69-86 VCC60 PGC 38922                                |
| IC 3041 |   |        | Glxy            |                  |                                                                       |
| IC 3042 |   |        | Non-Existent    |                  | NGC 4178 UGC 7215 MCG 2-31-50 CGCG 69-88 VCC66 PGC 38943              |
| IC 3043 |   |        | Glxy            |                  |                                                                       |
| IC 3045 |   |        | Non-Existent    |                  | Single Star                                                           |
| IC 3046 |   |        | Glxy S?         | 15.3             | UGC 7220 MCG 2-31-52 CGCG 69-90 VCC76 PGC 38977                       |
| IC 3047 |   |        | Glxy            |                  |                                                                       |
| IC 3048 |   |        | Non-Existent    |                  | Single Star                                                           |
| IC 3051 |   |        | Non-Existent    |                  | UGC 7234 MCG 2-31-53 CGCG 69-91 VCC97 IRAS 12113+1326 PGC 39040       |
| IC 3052 |   |        | Glxy            |                  |                                                                       |
| IC 3055 |   |        | Glxy            |                  |                                                                       |
| IC 3060 |   |        | Glxy Sab        | 14.8             | MCG 2-31-61 CGCG 69-99 VCC129 PGC 39147                               |
| IC 3063 |   |        | Glxy Sa         | 14.8             | UGC 7259 MCG 2-31-64 CGCG 69-102 VCC135 PGC 39160                     |
| IC 3064 |   |        | Non-Existent    |                  | UGC 7260 MCG 2-31-66 CGCG 69-104 VCC145 IRAS 12127+1318 PGC 39183     |

# Virgo - The Virgin

|         |      | By NGC/IC Number |                  |      |                                                                               |
|---------|------|------------------|------------------|------|-------------------------------------------------------------------------------|
| Catalog | M    | Her              | Object Type      | Mag  | Alias/Notes                                                                   |
| IC      | 3068 |                  | Glxy             |      |                                                                               |
| IC      | 3069 |                  | Glxy             |      |                                                                               |
| IC      | 3070 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3071 |                  | Non-Existent     |      |                                                                               |
| IC      | 3072 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3074 |                  | Glxy SB(s)dm: sp | 14.7 | UGC 7279 MCG 2-31-71 CGCG 69-111 VCC162 PGC 39233                             |
| IC      | 3076 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3078 |                  | Glxy Sb(r) I;    | 15.1 | MCG 2-31-73 MK 764 CGCG 69-114 VCC174 KUG 1213+129 PGC 39263                  |
| IC      | 3079 |                  | Glxy SB          | 15.4 | CGCG 69-116 VCC177 PGC 39273                                                  |
| IC      | 3081 |                  | Glxy E           | 15.4 | MCG 2-31-74 CGCG 69-117 VCC178 PGC 39282                                      |
| IC      | 3083 |                  | Non-Existent     |      |                                                                               |
| IC      | 3085 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3086 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3087 |                  | Non-Existent     |      | Single Star UGC 7291 MCG 2-31-75 CGCG 69-119 VCC187 IRAS 12138+1334 PGC 39308 |
| IC      | 3088 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3090 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3092 |                  | Glxy             |      |                                                                               |
| IC      | 3097 |                  | Glxy E           | 15.2 | CGCG 69-124 VCC216 PGC 39375                                                  |
| IC      | 3098 |                  | Non-Existent     |      | UGC 7310 MCG 1-31-36 CGCG 41-62 VCC222 PGC 39389                              |
| IC      | 3099 |                  | Glxy Scd?        | 14.9 | UGC 7313 MCG 2-31-79 CGCG 69-126 VCC224 PGC 39390                             |
| IC      | 3100 |                  | Glxy S0?         | 14.8 | UGC 7312 CGCG 69-125 VCC218 PGC 39381                                         |
| IC      | 3101 |                  | Glxy E           | 15.3 | CGCG 69-128 VCC230 PGC 39405                                                  |
| IC      | 3102 |                  | Non-Existent     |      | UGC 7319 MCG 1-31-38 CGCG 41-65 VCC234 PGC 39412                              |
| IC      | 3103 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3105 |                  | Glxy Im:         | 14.7 | UGC 7326 MCG 2-31-80 CGCG 69-130 VV 432 VCC241 PGC 39431                      |
| IC      | 3106 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3107 |                  | Glxy S?          | 14.2 | UGC 7330 MCG 2-31-82 CGCG 69-133 VCC257 PGC 39458                             |
| IC      | 3109 |                  | Glxy Sc(s)I      | 15   | CGCG 69-134 VCC251 PGC 39451                                                  |
| IC      | 3111 |                  | Glxy S           | 15.2 | CGCG 69-132 VCC259 PGC 39464                                                  |
| IC      | 3113 |                  | Non-Existent     |      | UGC 7334 MCG 1-31-41 CGCG 41-70 VCC264 PGC 39479                              |
| IC      | 3114 |                  | Non-Existent     |      |                                                                               |
| IC      | 3115 |                  | Glxy SB(s)cd     | 13.7 | UGC 7333 MCG 1-31-40 CGCG 41-69 VV 431 VCC267 PGC 39483                       |
| IC      | 3117 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3118 |                  | Glxy Im:         | 14.7 | UGC 7339 MCG 2-31-83 CGCG 69-135 VCC275 PGC 39503                             |
| IC      | 3121 |                  | Glxy Sc          | 17.5 |                                                                               |
| IC      | 3123 |                  | Non-Existent     |      |                                                                               |
| IC      | 3124 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3127 |                  | Glxy Sbc(s)I-II  | 15.4 | MCG 2-31-84 CGCG 69-138 CGCG 70-1 VCC295 PGC 39546                            |
| IC      | 3128 |                  | Glxy Sc          | 14.2 |                                                                               |
| IC      | 3129 |                  | Non-Existent     |      |                                                                               |
| IC      | 3130 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3131 |                  | Glxy S0-a        | 13.8 | IC 3132 IC 3131 MCG 1-31-46 CGCG 42-3 VCC308 PGC 39583                        |
| IC      | 3132 |                  | Non-Existent     |      | IC 3132 IC 3131 MCG 1-31-46 CGCG 42-3 VCC308 PGC 39583                        |
| IC      | 3133 |                  | Non-Existent     |      | Single Star                                                                   |
| IC      | 3134 |                  | Glxy S           | 15.2 | CGCG 70-3 VCC313 PGC 39593                                                    |
| IC      | 3136 |                  | Glxy S           | 14.9 | UGC 7349 MCG 1-31-48 CGCG 42-5 VCC314 IRAS 12163+627 PGC 39601                |

# Virgo - The Virgin

|         |      | By NGC/IC Number |                 |      |                                                  |
|---------|------|------------------|-----------------|------|--------------------------------------------------|
| Catalog | M    | Her              | Object Type     | Mag  | Alias/Notes                                      |
| IC      | 3137 |                  | Glxy            |      |                                                  |
| IC      | 3138 |                  | Glxy            |      |                                                  |
| IC      | 3139 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3147 |                  | Non-Existent    |      |                                                  |
| IC      | 3148 |                  | Glxy SB?        | 15   | MCG 1-31-55 CGCG 42-16 VCC343 PGC 39658          |
| IC      | 3149 |                  | Glxy SB?        | 15.1 | MCG 2-31-93 CGCG 70-9 VCC348 PGC 39664           |
| IC      | 3150 |                  | Glxy            | 16.2 | CGCG 42-17 VCC352 PGC 39673                      |
| IC      | 3151 |                  | Glxy SBa(r)I    | 14.9 | MCG 2-32-2 CGCG 70-10 VCC356 PGC 39682           |
| IC      | 3153 |                  | Glxy Sc(r)I-II  | 15.2 | CGCG 42-19 VCC359 PGC 39693                      |
| IC      | 3155 |                  | Glxy S0 sp      | 15   | MCG 1-32-3 CGCG 42-22 VCC366 PGC 39708           |
| IC      | 3156 |                  | Glxy SBc(s):    | 14.8 | MCG 2-32-3 CGCG 70-11 VCC363 PGC 39703           |
| IC      | 3157 |                  | Glxy L          | 15.2 | CGCG 70-12 VCC374 PGC 39716                      |
| IC      | 3158 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3159 |                  | Glxy            |      |                                                  |
| IC      | 3160 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3161 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3162 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3163 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3167 |                  | Glxy dSB0(3),N: | 14.8 | CGCG 70-17 VCC407 PGC 39795                      |
| IC      | 3170 |                  | Glxy Sbc(s)I-II | 14.9 | MCG 2-32-7 CGCG 70-18 VCC417 PGC 39816           |
| IC      | 3173 |                  | Glxy S          | 15.3 | CGCG 70-21 VCC420 PGC 39823                      |
| IC      | 3174 |                  | Glxy S R        | 15.2 | CGCG 70-20 VCC419 PGC 39822                      |
| IC      | 3175 |                  | Glxy S?         | 16   | CGCG 70-19 VCC424 PGC 39831                      |
| IC      | 3182 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3183 |                  | Non-Existent    |      |                                                  |
| IC      | 3187 |                  | Glxy S R        | 15.4 | CGCG 70-23 VCC443 PGC 39871                      |
| IC      | 3188 |                  | Glxy S?         | 15.3 | MCG 2-32-8 CGCG 70-22 VCC442 PGC 39872           |
| IC      | 3190 |                  | Non-Existent    |      |                                                  |
| IC      | 3191 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3192 |                  | Glxy            |      |                                                  |
| IC      | 3196 |                  | Glxy            |      |                                                  |
| IC      | 3199 |                  | Glxy S          | 14.9 | UGC 7417 CGCG 70-26 VCC500 PGC 39983             |
| IC      | 3208 |                  | Glxy            |      |                                                  |
| IC      | 3209 |                  | Glxy S?         | 15.7 | CGCG 70-30 VCC527 PGC 40038                      |
| IC      | 3211 |                  | Glxy Sd         | 15.1 | UGC 7430 MCG 2-32-12 CGCG 70-28 VCC526 PGC 40034 |
| IC      | 3218 |                  | Glxy E?         | 15.2 | MCG 1-32-26 CGCG 42-52 VCC542 PGC 40067          |
| IC      | 3220 |                  | Glxy            |      |                                                  |
| IC      | 3223 |                  | Non-Existent    |      | Single Star                                      |
| IC      | 3224 |                  | Glxy            |      |                                                  |
| IC      | 3225 |                  | Glxy Sdm:       | 14.5 | UGC 7441 MCG 1-32-28 CGCG 42-54 VCC567 PGC 40111 |
| IC      | 3229 |                  | Glxy Sb-c       | 15.2 | UGC 7448 MCG 1-32-30 CGCG 42-61 VCC593 PGC 40147 |
| IC      | 3233 |                  | Glxy            |      |                                                  |
| IC      | 3236 |                  | Glxy            |      |                                                  |
| IC      | 3239 |                  | Glxy S?         | 15.7 | CGCG 70-38 VCC620 PGC 40187                      |
| IC      | 3240 |                  | Glxy            |      |                                                  |
| IC      | 3245 |                  | Non-Existent    |      |                                                  |

# Virgo - The Virgin

|          |   | By NGC/IC Number |                   |      |                                                                               |
|----------|---|------------------|-------------------|------|-------------------------------------------------------------------------------|
| Catalog  | M | Her              | Object Type       | Mag  | Alias/Notes                                                                   |
| IC 3246  |   |                  | Glxy              |      |                                                                               |
| IC 3255  |   |                  | Glxy C            | 15   | CGCG 70-40 VCC649 8ZW185 PGC 40241                                            |
| IC 3256  |   |                  | Non-Existent      |      | UGC 7466 MCG 1-32-39 CGCG 42-71 ARAK361 VCC657 PGC 40252                      |
| IC 3257  |   |                  | Non-Existent      |      |                                                                               |
| IC 3258  |   |                  | Glxy IB(s)m pec:  | 13.6 | UGC 7470 MCG 2-32-21 CGCG 70-42 VCC664 IRAS 12211+1245 KUG 1221+127 PGC 40264 |
| IC 3259  |   |                  | Glxy SAB(s)dm?    | 14.2 | UGC 7469 MCG 1-32-40 CGCG 42-72 VCC667 PGC 40273                              |
| IC 3260  |   |                  | Non-Existent      |      | UGC 7472 MCG 1-32-42 CGCG 42-76 VCC672 PGC 40280                              |
| IC 3261  |   |                  | Glxy              |      |                                                                               |
| IC 3265  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3266  |   |                  | Non-Existent      |      | IC 3265 MCG 1-32-43 CGCG 42-77 VCC688 PGC 40303                               |
| IC 3267  |   |                  | Glxy SA(s)cd      | 14.2 | UGC 7474 MCG 1-32-44 CGCG 42-79 VCC697 PGC 40317                              |
| IC 3268  |   |                  | Glxy Pec          | 14.1 | UGC 7477 MCG 1-32-45 CGCG 42-80 VCC699 IRAS 12215+653 PGC 40321               |
| IC 3271  |   |                  | Glxy SABc         | 14.5 | UGC 7481 MCG 1-32-47 CGCG 42-82 VCC712 PGC 40337                              |
| IC 3273  |   |                  | Non-Existent      |      | UGC 7482 MCG 2-32-26 CGCG 70-48 VCC713 IRAS 12217+848 PGC 40342               |
| IC 3274  |   |                  | Glxy S0?          | 15.6 | MCG 2-32-27 CGCG 70-50 VCC715 PGC 40344                                       |
| IC 3275  |   |                  | Glxy              |      |                                                                               |
| IC 3279  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3280  |   |                  | Glxy S?           | 15   |                                                                               |
| IC 3281  |   |                  | Non-Existent      |      |                                                                               |
| IC 3284  |   |                  | Glxy SBR          | 15.3 | CGCG 70-55 VCC736 PGC 40400                                                   |
| IC 3291  |   |                  | Glxy              |      |                                                                               |
| IC 3303  |   |                  | Glxy E+?          | 14.8 | UGC 7500 MCG 2-32-35 CGCG 70-60 VCC781 PGC 40485                              |
| IC 3305  |   |                  | Glxy S            | 15.1 | UGC 7499 MCG 2-32-36 CGCG 70-59 VCC786 PGC 40488                              |
| IC 3311  |   |                  | Glxy Sdm:         | 14.9 | UGC 7510 MCG 2-32-38 CGCG 70-63 VCC809 KUG 1223+125 PGC 40530                 |
| IC 3315  |   |                  | Glxy              |      |                                                                               |
| IC 3318  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3319  |   |                  | Non-Existent      |      |                                                                               |
| IC 3320  |   |                  | Non-Existent      |      |                                                                               |
| IC 3322A |   |                  | Glxy SB(s)cd: sp  | 13.6 | UGC 7513 MCG 1-32-54 CGCG 42-95 VCC827 IRAS 12231+729 PGC 40566               |
| IC 3322  |   |                  | Glxy SAB(s)cd: sp | 14.2 | UGC 7518 MCG 1-32-57 CGCG 42-98 VCC851 IRAS 12233+750 PGC 40607               |
| IC 3328  |   |                  | Glxy E?           | 14.7 | MCG 2-32-42 CGCG 70-69 VCC856 PGC 40616                                       |
| IC 3331  |   |                  | Glxy S?           | 15.3 | MCG 2-32-43 CGCG 70-70 VCC870 KUG 1223+120 PGC 40638                          |
| IC 3333  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3339  |   |                  | Non-Existent      |      |                                                                               |
| IC 3343  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3346  |   |                  | Glxy              |      |                                                                               |
| IC 3347  |   |                  | Glxy              |      |                                                                               |
| IC 3349  |   |                  | Glxy E?           | 14.8 | CGCG 70-81 VCC940 PGC 40744                                                   |
| IC 3350  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3352  |   |                  | Non-Existent      |      |                                                                               |
| IC 3354  |   |                  | Non-Existent      |      | Single Star                                                                   |
| IC 3355  |   |                  | Glxy Im           | 15.2 | UGC 7548 MCG 2-32-56 DDO124 CGCG 70-85 VV 511 VCC945 KUG 1224+134 PGC 40754   |
| IC 3356  |   |                  | Glxy Im           | 15.2 | UGC 7547 CGCG 70-84 VCC950 PGC 40761                                          |
| IC 3357  |   |                  | Glxy S            | 15.4 | CGCG 70-83 VCC946 PGC 40757                                                   |
| IC 3358  |   |                  | Glxy E?           | 14.3 | UGC 7550 MCG 2-32-57 CGCG 70-86 VCC951 PGC 40764                              |

# Virgo - The Virgin

|          |   | By NGC/IC Number |                   |      |                                                            |
|----------|---|------------------|-------------------|------|------------------------------------------------------------|
| Catalog  | M | Her              | Object Type       | Mag  | Alias/Notes                                                |
| IC 3361  |   |                  | Glxy              |      |                                                            |
| IC 3363  |   |                  | Glxy E?           | 15.3 | CGCG 70-88 VCC965 PGC 40786                                |
| IC 3366  |   |                  | Glxy              |      |                                                            |
| IC 3371  |   |                  | Glxy Scd:         | 15.4 | UGC 7565 MCG 2-32-60 CGCG 70-92 VCC995 PGC 40839           |
| IC 3374  |   |                  | Glxy I?           | 15.2 | CGCG 70-95 VCC1021 PGC 40876                               |
| IC 3381  |   |                  | Glxy E+:          | 14.4 | UGC 7589 MCG 2-32-74 CGCG 70-106 VCC1087 PGC 40985         |
| IC 3383  |   |                  | Glxy E            | 15   | MCG 2-32-75 CGCG 70-105 VCC1075 PGC 40970                  |
| IC 3386  |   |                  | Glxy              |      |                                                            |
| IC 3388  |   |                  | Glxy E?           | 15.4 | CGCG 70-109 VCC1104 PGC 41018                              |
| IC 3393  |   |                  | Glxy S0+:         | 14.9 | MCG 2-32-81 CGCG 70-113 VCC1122 PGC 41054                  |
| IC 3400  |   |                  | Non-Existent      |      | Single Star                                                |
| IC 3404  |   |                  | Non-Existent      |      |                                                            |
| IC 3408  |   |                  | Non-Existent      |      | Single Star                                                |
| IC 3412  |   |                  | Glxy I?           | 15.3 | CGCG 70-119 VCC1179 PGC 41152                              |
| IC 3413  |   |                  | Glxy E?           | 14.7 | UGC 7620 MCG 2-32-88 CGCG 70-120 VCC1183 PGC 41155         |
| IC 3414  |   |                  | Glxy SABdm?       | 13.9 | UGC 7621 MCG 1-32-79 CGCG 42-129 VCC1189 PGC 41166         |
| IC 3416  |   |                  | Glxy I?           | 15.2 | MCG 2-32-91 CGCG 70-124 VCC1200 PGC 41178                  |
| IC 3417  |   |                  | Non-Existent      |      | Single Star                                                |
| IC 3418  |   |                  | Glxy IBm:         | 14   | UGC 7630 MCG 2-32-92 DDO130 VCC1217 PGC 41207              |
| IC 3425  |   |                  | Glxy S0?          | 14.6 | UGC 7633 MCG 2-32-95 CGCG 70-126 VCC1243 PGC 41244         |
| IC 3427  |   |                  | Non-Existent      |      | UGC 7640 MCG 2-32-98 CGCG 70-130 VCC1261 PGC 41272         |
| IC 3430  |   |                  | Glxy I            | 15.3 | UGC 7643 CGCG 70-132 VCC1273 PGC 41294                     |
| IC 3431  |   |                  | Glxy              |      |                                                            |
| IC 3437  |   |                  | Glxy E?           | 15.4 | CGCG 70-138 VCC1308 PGC 41350                              |
| IC 3438  |   |                  | Non-Existent      |      | UGC 7656 MCG 1-32-89 CGCG 42-141 VCC1330 PGC 41383         |
| IC 3440  |   |                  | Glxy E            | 15.9 |                                                            |
| IC 3443  |   |                  | Glxy E?           | 15.7 | MCG 2-32-112 CGCG 70-143 VCC1348 PGC 41421                 |
| IC 3445  |   |                  | Glxy              |      |                                                            |
| IC 3446  |   |                  | Glxy S?           | 15.6 | CGCG 70-142 VCC1356 PGC 41440                              |
| IC 3447  |   |                  | Glxy              |      |                                                            |
| IC 3452  |   |                  | Non-Existent      |      |                                                            |
| IC 3457  |   |                  | Glxy E3:          | 13.9 | UGC 7672 MCG 2-32-114 CGCG 70-146 VCC1386 PGC 41494        |
| IC 3459  |   |                  | Glxy Im:          | 14.8 | UGC 7674 MCG 2-32-115 CGCG 70-147 VCC1392 PGC 41505        |
| IC 3461  |   |                  | Glxy E?           | 15   | MCG 2-32-116 CGCG 70-148 VCC1407 PGC 41529                 |
| IC 3463  |   |                  | Non-Existent      |      | Single Star                                                |
| IC 3465  |   |                  | Glxy              |      |                                                            |
| IC 3466  |   |                  | Glxy S?           | 15.7 | MCG 2-32-117 CGCG 70-150 VCC1411 PGC 41536                 |
| IC 3467  |   |                  | Glxy Sc           | 15.3 | UGC 7686 MCG 2-32-121 CGCG 70-154 VCC1429 PGC 41572        |
| IC 3468  |   |                  | Glxy E            | 14.1 | UGC 7681 MCG 2-32-119 CGCG 70-151 VCC1422 PGC 41552        |
| IC 3470  |   |                  | Glxy E?           | 14.3 | MCG 2-32-122 CGCG 70-153 VCC1431 PGC 41573                 |
| IC 3474  |   |                  | Glxy Sd sp        | 14.8 | UGC 7687 MCG 1-32-91 CGCG 42-145 VCC1442 PGC 41599         |
| IC 3475  |   |                  | Glxy E:           | 13.8 | UGC 7692 MCG 2-32-123 DDO132 CGCG 70-156 VCC1448 PGC 41606 |
| IC 3481  |   |                  | Glxy SAB0-: pec   | 14.4 | MCG 2-32-127 CGCG 70-159 VV 43 ARP 175 VCC1462 PGC 41634   |
| IC 3481A |   |                  | Glxy E pec:       | 14.4 | MCG 2-32-128 VV 43 ARP 175 PGC 41646                       |
| IC 3483  |   |                  | Glxy SAB(s)b pec: | 15.7 | MCG 2-32-129 CGCG 70-160 VV 43 ARP 175 VCC1486 PGC 41670   |
| IC 3485  |   |                  | Non-Existent      |      | Single Star                                                |



# Virgo - The Virgin

|         |       | By NGC/IC Number |              |      |                                                                            |
|---------|-------|------------------|--------------|------|----------------------------------------------------------------------------|
| Catalog | M     | Her              | Object Type  | Mag  | Alias/Notes                                                                |
| IC      | 3486  |                  | Glxy         |      |                                                                            |
| IC      | 3487  |                  | Glxy E6:     | 15   | MCG 2-32-133 CGCG 70-161 VCC1488 PGC 41680                                 |
| IC      | 3489  |                  | Glxy S?      | 15.3 | MCG 2-32-130 CGCG 70-163 VCC1490 IRAS 12307+1231 PGC 41683                 |
| IC      | 3490  |                  | Glxy E?      | 15.9 | CGCG 70-162 VCC1489 PGC 41681                                              |
| IC      | 3492  |                  | Glxy S0?     | 15.5 | MCG 2-32-131 CGCG 70-164 ARAK376 VCC1499 PGC 41698                         |
| IC      | 3493  |                  | Non-Existent |      | Single Star                                                                |
| IC      | 3499  |                  | Glxy S0/a    | 14.1 | UGC 7712 MCG 2-32-138 CGCG 70-169 VCC1521 PGC 41738                        |
| IC      | 3504  |                  | Non-Existent |      | Single Star                                                                |
| IC      | 3506  |                  | Glxy         |      |                                                                            |
| IC      | 3509  |                  | Glxy E       | 14.9 | CGCG 70-174 VCC1545 PGC 41797                                              |
| IC      | 3510  |                  | Glxy S?      | 14.9 | UGC 7728 MCG 2-32-142 CGCG 70-173 VCC1549 PGC 41803                        |
| IC      | 3517  |                  | Glxy Sdm:    | 15.4 | UGC 7733 MCG 2-32-143 CGCG 70-176 VCC1566 PGC 41829                        |
| IC      | 3518  |                  | Glxy Im:     | 14.8 | UGC 7734 CGCG 70-177 VCC1567 PGC 41828                                     |
| IC      | 3521  |                  | Glxy IBm     | 13.8 | UGC 7736 MCG 1-32-106 CGCG 42-162 VCC1575 IRAS 12321+726 PGC 41847         |
| IC      | 3525  |                  | Glxy         |      |                                                                            |
| IC      | 3537  |                  | Non-Existent |      | Single Star                                                                |
| IC      | 3540  |                  | Glxy S0?     | 14.9 | MCG 2-32-146 CGCG 70-180 ARAK379 VCC1614 PGC 41936                         |
| IC      | 3542  |                  | Glxy         |      |                                                                            |
| IC      | 3548  |                  | Glxy         |      |                                                                            |
| IC      | 3558  |                  | Glxy         |      |                                                                            |
| IC      | 3562  |                  | Glxy I?      | 15.7 | CGCG 70-185 VCC1654 PGC 42021                                              |
| IC      | 3566  |                  | Non-Existent |      |                                                                            |
| IC      | 3572  |                  | Non-Existent |      |                                                                            |
| IC      | 3573  |                  | Glxy         |      |                                                                            |
| IC      | 3574  |                  | Glxy         |      |                                                                            |
| IC      | 3576  |                  | Glxy Sm      | 14   | UGC 7781 MCG 1-32-112 DDO138 CGCG 42-176 VCC1678 PGC 42074                 |
| IC      | 3577  |                  | Non-Existent |      | Single Star                                                                |
| IC      | 3578  |                  | Glxy Sc      | 15.3 | UGC 7782 MCG 2-32-153 CGCG 70-190 VCC1684 PGC 42079                        |
| IC      | 3583  |                  | Glxy IBm     | 13.3 | UGC 7784 MCG 2-32-154 CGCG 70-191 ARP 76 VCC1686 IRAS 12341+1332 PGC 42081 |
| IC      | 3584  |                  | Non-Existent |      |                                                                            |
| IC      | 3586  |                  | Glxy dS0:    | 14.6 | MCG 2-32-157 CGCG 70-193 VCC1695 PGC 42099                                 |
| IC      | 3589  |                  | Non-Existent |      |                                                                            |
| IC      | 3591  |                  | Glxy IBm     | 14.4 | IC 3589 UGC 7790 MCG 1-32-115 MK 1329 CGCG 42-179 VCC1699 PGC 42108        |
| IC      | 3602  |                  | Glxy E       | 15.3 | CGCG 70-198 VCC1743 PGC 42205                                              |
| IC      | 3604  |                  | Glxy         |      |                                                                            |
| IC      | 3606  |                  | Glxy         |      |                                                                            |
| IC      | 3607  |                  | Glxy         |      |                                                                            |
| IC      | 3608  |                  | Glxy Sb:     | 14.6 | UGC 7808 CGCG 70-201 VCC1768 PGC 42264                                     |
| IC      | 3617  |                  | Glxy Im      | 14.4 | UGC 7822 MCG 1-32-127 DDO140 CGCG 42-194 VCC1791 PGC 42348                 |
| IC      | 3624  |                  | Glxy         |      |                                                                            |
| IC      | 3625A |                  | Glxy         | 15.5 | MCG 2-32-165 ARAK384 PGC 42361                                             |
| IC      | 3625B |                  | Glxy E       | 16.7 | MCG 2-32-166 VCC1803 PGC 42372                                             |
| IC      | 3625  |                  | Glxy L       | 15.5 | CGCG 70-203 VCC1799 PGC 42364                                              |
| IC      | 3631  |                  | Glxy S?      | 14.6 | UGC 7825 MCG 2-32-169 CGCG 70-204 VCC1809 PGC 42389                        |
| IC      | 3633  |                  | Glxy E       | 15.2 | CGCG 70-208 VCC1826 PGC 42426                                              |

# Virgo - The Virgin

|         |   | By NGC/IC Number |                       |      |                                                                    |
|---------|---|------------------|-----------------------|------|--------------------------------------------------------------------|
| Catalog | M | Her              | Object Type           | Mag  | Alias/Notes                                                        |
| IC 3634 |   |                  | Glxy                  |      |                                                                    |
| IC 3635 |   |                  | Glxy Scd?             | 15   | UGC 7830 CGCG 70-209 VCC1828 PGC 42430                             |
| IC 3638 |   |                  | Glxy Sbc(r)II         | 14.5 | MCG 2-32-172 CGCG 70-210 VCC1830 PGC 42435                         |
| IC 3643 |   |                  | Glxy                  |      |                                                                    |
| IC 3647 |   |                  | Glxy Im:              | 14.5 | UGC 7834 MCG 2-32-173 CGCG 70-211 VCC1857 PGC 42503                |
| IC 3648 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3652 |   |                  | Glxy E                | 14.7 | UGC 7838 MCG 2-32-175 CGCG 70-212 VCC1861 PGC 42521                |
| IC 3653 |   |                  | Glxy E?               | 14.8 | MCG 2-32-178 CGCG 70-215 VCC1871 PGC 42550                         |
| IC 3663 |   |                  | Glxy                  |      |                                                                    |
| IC 3665 |   |                  | Glxy Im:              | 15.1 | UGC 7855 MCG 2-32-180 CGCG 70-220 VCC1890 PGC 42598                |
| IC 3666 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3670 |   |                  | Glxy                  |      |                                                                    |
| IC 3672 |   |                  | Non-Existent          |      | IC 809 IC 3672 UGC 7863 MCG 2-32-184 CGCG 70-225 VCC1910 PGC 42638 |
| IC 3684 |   |                  | Glxy                  |      |                                                                    |
| IC 3685 |   |                  | Non-Existent          |      |                                                                    |
| IC 3686 |   |                  | Glxy Sc(s)II          | 15   | MCG 2-32-186 CGCG 71-1 CGCG 70-227 VCC1927 PGC 42698               |
| IC 3690 |   |                  | Glxy S                | 15.2 | UGC 7879 CGCG 71-4 VCC1940 IRAS 12402+1037 PGC 42732               |
| IC 3693 |   |                  | Glxy                  |      |                                                                    |
| IC 3694 |   |                  | Glxy S?               | 15.3 | MCG 2-32-192 CGCG 71-10 VV 505 VCC1954 PGC 42766                   |
| IC 3698 |   |                  | Glxy S?               | 15.4 | MCG 2-32-193 CGCG 71-12 VCC1961 IRAS 12408+1128 PGC 42790          |
| IC 3701 |   |                  | Glxy                  |      |                                                                    |
| IC 3702 |   |                  | Glxy SB?              | 15.9 | CGCG 71-14 VCC1969 PGC 42810                                       |
| IC 3704 |   |                  | Glxy Sbc              | 14.8 | UGC 7899 MCG 2-33-3 CGCG 71-17 VCC1979 IRAS 12412+1102 PGC 42836   |
| IC 3706 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3708 |   |                  | Knt in Glxy SAB(rs)cd | 11.1 | UGC 7902 MCG 2-33-4 CGCG 71-19 VCC1987 IRAS 12414+1324 PGC 42857   |
| IC 3709 |   |                  | Glxy S?               | 15.3 | CGCG 71-20 VCC1988 PGC 42869                                       |
| IC 3710 |   |                  | Glxy Dwarf Irr        | 15.1 |                                                                    |
| IC 3711 |   |                  | Glxy                  |      |                                                                    |
| IC 3712 |   |                  | Non-Existent          |      |                                                                    |
| IC 3714 |   |                  | Glxy SB               | 15.2 | MCG 2-33-5 CGCG 71-22 VCC1997 PGC 42899                            |
| IC 3716 |   |                  | Non-Existent          |      | IC 3719 IC 3716 CGCG 43-16 VCC2007 PGC 42947                       |
| IC 3718 |   |                  | Glxy S                | 14.1 | UGC 7920 MCG 2-33-8 CGCG 71-26 VCC2006 PGC 42944                   |
| IC 3719 |   |                  | Glxy I?               | 16.1 | IC 3719 IC 3716 CGCG 43-16 VCC2007 PGC 42947                       |
| IC 3720 |   |                  | Glxy E?               | 15   | UGC 7919 DDO145 VCC2008 PGC 42949                                  |
| IC 3722 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3724 |   |                  | Glxy S                | 15.4 | CGCG 71-27 VCC2009 PGC 42960                                       |
| IC 3727 |   |                  | Glxy Scd:             | 14.6 | UGC 7927 MCG 2-33-9 CGCG 71-28 VCC2012 PGC 42969                   |
| IC 3731 |   |                  | Glxy                  |      |                                                                    |
| IC 3732 |   |                  | Glxy                  |      |                                                                    |
| IC 3733 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3739 |   |                  | Non-Existent          |      |                                                                    |
| IC 3743 |   |                  | Non-Existent          |      | Single Star                                                        |
| IC 3754 |   |                  | Glxy Sab              | 14.6 | UGC 7937 MCG 2-33-13 CGCG 71-34 VCC2036 PGC 43074                  |
| IC 3756 |   |                  | Glxy S/P              | 15.2 |                                                                    |
| IC 3760 |   |                  | Glxy                  |      |                                                                    |
| IC 3764 |   |                  | Non-Existent          |      | IC 3764 IC 817 MCG 2-33-20 CGCG 71-39 VCC2046 PGC 43126            |

# Virgo - The Virgin

|         |   | By NGC/IC Number |                      |      |                                                          |
|---------|---|------------------|----------------------|------|----------------------------------------------------------|
| Catalog | M | Her              | Object Type          | Mag  | Alias/Notes                                              |
| IC 3767 |   |                  | Glxy                 |      |                                                          |
| IC 3770 |   |                  | Non-Existent         |      |                                                          |
| IC 3773 |   |                  | Glxy E               | 13.9 | UGC 7952 MCG 2-33-21 CGCG 71-40 VCC2048 PGC 43146        |
| IC 3775 |   |                  | Glxy                 |      |                                                          |
| IC 3777 |   |                  | Non-Existent         |      | Single Star                                              |
| IC 3779 |   |                  | Glxy E               | 15.4 | CGCG 71-41 VCC2050 PGC 43154                             |
| IC 3790 |   |                  | Non-Existent         |      | Single Star                                              |
| IC 3792 |   |                  | Non-Existent         |      |                                                          |
| IC 3797 |   |                  | Non-Existent         |      |                                                          |
| IC 3798 |   |                  | Non-Existent         |      | Single Star                                              |
| IC 3801 |   |                  | Non-Existent         |      |                                                          |
| IC 3803 |   |                  | Non-Existent         |      | Single Star                                              |
| IC 3807 |   |                  | Non-Existent         |      |                                                          |
| IC 3812 |   |                  | Glxy Sc              | 15.8 | MCG -1-33-19 IRAS 12472-626 PGC 43409                    |
| IC 3826 |   |                  | Glxy S0^             | 13.6 | MCG -1-33-25 PGC 43473                                   |
| IC 3859 |   |                  | Glxy                 |      |                                                          |
| IC 3883 |   |                  | Glxy Sb              | 15   | MCG -1-33-49 IRAS 12526-750 PGC 44016                    |
| IC 3908 |   |                  | Glxy SB(s)d?         | 14.5 | MCG -1-33-56 IRAS 12540-717 PGC 44166                    |
| IC 3999 |   |                  | Non-Existent         |      |                                                          |
| IC 4071 |   |                  | Glxy                 | 14   | MCG -1-33-73 IRAS 12594-720 PGC 44956                    |
| IC 4134 |   |                  | Glxy S               | 16.1 | MCG -2-33-105 PGC 45169                                  |
| IC 4136 |   |                  | Non-Existent         |      | MCG -1-33-78 IRAS 13017-723 PGC 45177                    |
| IC 4156 |   |                  | Non-Existent         |      | MCG -1-33-79 PGC 45224                                   |
| IC 4173 |   |                  | Glxy                 |      |                                                          |
| IC 4176 |   |                  | Non-Existent         |      |                                                          |
| IC 4177 |   |                  | Glxy Sc              | 15.8 | MCG -2-33-107 PGC 45365                                  |
| IC 4209 |   |                  | Glxy SB(rs)bc?       | 14.5 | MCG -1-34-9 IRAS 13077-654 PGC 45702                     |
| IC 4212 |   |                  | Glxy SB(s)cd         | 14.5 | MCG -1-34-11 UGC A333 PGC 45845                          |
| IC 4216 |   |                  | Glxy SAB(rs)cd       | 13.7 | MCG -2-34-13 IRAS 13144-1030 PGC 46252                   |
| IC 4217 |   |                  | Glxy Scd             | 16.1 | MCG -2-34-14 PGC 46275                                   |
| IC 4218 |   |                  | Glxy S?              | 14.6 | UGC 8348 MCG 0-34-22 CGCG 16-39 PGC 46254                |
| IC 4220 |   |                  | Glxy Sab             | 14.5 | MCG -2-34-17 PGC 46316                                   |
| IC 4221 |   |                  | Glxy SA(r)c pec?     | 13.5 | MCG -2-34-21 IRAS 13158-1420 PGC 46366                   |
| IC 4223 |   |                  | Glxy                 | 15.4 | CGCG 44-64 PGC 46397                                     |
| IC 4224 |   |                  | Glxy Scd             | 14.6 | MCG 0-34-27 CGCG 16-51 PGC 46420                         |
| IC 4229 |   |                  | Glxy (R')SB(r)b pec: | 14.2 | UGC 8404 MCG 0-34-32 CGCG 16-62 IRAS 13198-209 PGC 46717 |
| IC 4235 |   |                  | Glxy                 |      |                                                          |
| IC 4236 |   |                  | Non-Existent         |      |                                                          |
| IC 4237 |   |                  | Glxy SB(r)b?         | 13.2 | ESO 576-48 MCG -3-34-68 IRAS 13218-2052 PGC 46878        |
| IC 4338 |   |                  | Non-Existent         |      | UGC 8790 MCG 0-35-24 CGCG 17-88 IRAS 13502-51 PGC 49308  |
| IC 4354 |   |                  | Glxy Sb              | 16.2 | MCG -2-36-1 IRAS 13558-1221 PGC 49731                    |
| IC 4358 |   |                  | Glxy Sbc pec sp      | 15   | MCG -2-36-4 PGC 50092                                    |
| IC 4360 |   |                  | Glxy                 |      |                                                          |
| IC 4361 |   |                  | Glxy Sb              | 15.6 | MCG -2-36-7 PGC 50131                                    |
| IC 4363 |   |                  | Glxy                 |      |                                                          |
| IC 4364 |   |                  | Glxy Sbc             | 15.5 | MCG -2-36-9 PGC 50149                                    |

# Virgo - The Virgin

|           |   | By NGC/IC Number |                     |      |                                                                             |
|-----------|---|------------------|---------------------|------|-----------------------------------------------------------------------------|
| Catalog   | M | Her              | Object Type         | Mag  | Alias/Notes                                                                 |
| IC 4368   |   |                  | Glxy                |      |                                                                             |
| IC 4372   |   |                  | Glxy                |      |                                                                             |
| IC 4392   |   |                  | Non-Existent        |      |                                                                             |
| IC 4401   |   |                  | Glxy (R')SAB(r)a?   | 15.1 | MCG -1-36-15 PGC 51173                                                      |
| IC 4407   |   |                  | Non-Existent        |      | MCG -1-37-5 PGC 51404                                                       |
| IC 4424   |   |                  | Non-Existent        |      | IC 4424 MCG 1-37-14 CGCG 47-48 PGC 51624                                    |
| NGC 1480  |   |                  | Non-Existent        |      |                                                                             |
| NGC 3776  |   |                  | Glxy Sb             | 15.8 | CGCG 12-45 PGC 36048                                                        |
| NGC 3792  |   |                  | Non-Existent        |      |                                                                             |
| NGC 3818  |   | H284-3           | Glxy E5             | 12.7 | MCG -1-30-23 UGC A243 PGC 36304                                             |
| NGC 3822  |   | H153-2           | Glxy S0?            | 14.1 | H35-3 UGC 6661 MCG 2-30-15 CGCG 68-33 IRAS 11395+1033 Hickson 58A PGC 36319 |
| NGC 3825  |   | H154-2           | Glxy SBa            | 13   | H36-3 UGC 6668 MCG 2-30-18 CGCG 68-37 Hickson 58B PGC 36348                 |
| NGC 3833  |   | H102-3           | Glxy Sc             | 14.2 | UGC 6692 MCG 2-30-20 CGCG 68-43 PGC 36441                                   |
| NGC 3843  |   |                  | Glxy S0/a           | 14.5 | UGC 6699 MCG 1-30-11 CGCG 40-34 PGC 36471                                   |
| NGC 3848  |   | H35-3            | Glxy Sc             | 14.8 | (H35-3 is NGC 3822) PGC 36456 MCG 2-30-23 CGCG 68-46 IRAS 11410+1031        |
| NGC 3849  |   |                  | Glxy                |      |                                                                             |
| NGC 3852  |   | H36-3            | Non-Existent        |      | (H36-3 is NGC 3825)                                                         |
| NGC 3863  |   | H104-3           | Glxy Sbc            | 13.6 | UGC 6722 MCG 2-30-28 CGCG 68-54 IRAS 11425+844 PGC 36607                    |
| NGC 3874  |   | H104-3           | Non-Existent        |      | (H104-3 is NGC 3863) Double Star                                            |
| NGC 3876  |   | H103-3           | Glxy Sab:           | 13.7 | UGC 6730 MCG 2-30-29 CGCG 68-55 IRAS 11428+926 PGC 36644                    |
| NGC 3907  |   |                  | Glxy SB(s)0-:       | 13.1 | UGC 6796 MCG 0-30-28 CGCG 12-94 PGC 36941                                   |
| NGC 3907B |   |                  | Glxy Sb             | 13.8 |                                                                             |
| NGC 3907A |   |                  | Non-Existent        |      |                                                                             |
| NGC 3914  |   | H90-3            | Glxy (R')SB(rs)b    | 14   | UGC 6809 MCG 1-30-17 CGCG 40-50 IRAS 11479+650 PGC 37014                    |
| NGC 3915  |   | H113-3           | Glxy Sm             | 15.9 | (H113-3 is IC 2963) IC 738 PGC 36895                                        |
| NGC 3952  |   | H612-3           | Glxy IBm: sp        | 13.5 | IC 2972 PGC 37285 MCG -1-30-44 IRAS 11510-342                               |
| NGC 3976A |   |                  | Glxy S0-a           | 14.9 |                                                                             |
| NGC 3976  |   | H132-2           | Glxy SAB(s)b        | 12.3 | UGC 6906 MCG 1-31-1 CGCG 41-6 IRAS 11533+701 PGC 37483                      |
| NGC 3979  |   |                  | Glxy SB0^ pec:      | 13.7 | IC 2976 PGC 37488 UGC 6907 MCG 0-31-3 CGCG 13-5                             |
| NGC 4006  |   |                  | Glxy E pec:         | 13.6 | IC 2983 UGC 6951 MCG 0-31-6 CGCG 13-15 PGC 37655                            |
| NGC 4012  |   |                  | Glxy Sb             | 14.3 | UGC 6960 MCG 2-31-6 CGCG 69-9 PGC 37686                                     |
| NGC 4029  |   |                  | Glxy Sb:            | 14.3 | UGC 6990 MCG 1-31-8 CGCG 41-17 PGC 37816                                    |
| NGC 4030  |   | H121-1           | Glxy SA(s)bc        | 11.4 | UGC 6993 MCG 0-31-16 CGCG 13-33 IRAS 11578-49 PGC 37845                     |
| NGC 4043  |   |                  | Glxy (R)SB(r)0^:    | 14.6 | UGC 7015 MCG 1-31-12 CGCG 41-26 IRAS 11597+437 PGC 38010                    |
| NGC 4044  |   | H491-3           | Glxy E+:            | 14   | UGC 7018 MCG 0-31-20 CGCG 13-43 PGC 38018                                   |
| NGC 4045  |   | H276-2           | Glxy SBa            | 11.9 | NGC 4046 PGC 38031 UGC 7021 MCG 0-31-22 CGCG 13-46 IRAS 12001+215           |
| NGC 4045A |   |                  | Glxy SB(r)0^ pec sp | 14.4 | MCG 0-31-21 CGCG 13-45 ARAK343 PGC 38033                                    |
| NGC 4046  |   |                  | Non-Existent        |      | NGC 4045                                                                    |
| NGC 4058  |   |                  | Glxy SAB(r)0+:      | 14.1 | UGC 7036 MCG 1-31-17 CGCG 41-32 PGC 38124                                   |
| NGC 4063  |   |                  | Glxy SAB0^:         | 14.9 | UGC 7042 MCG 0-31-26 CGCG 13-55 PGC 38154                                   |
| NGC 4067  |   | H37-3            | Glxy SA(s)b:        | 13.3 | UGC 7048 MCG 2-31-19 CGCG 69-36 IRAS 12016+1107 PGC 38168                   |
| NGC 4073  |   | H277-2           | Glxy E+             | 11.4 | UGC 7060 MCG 0-31-29 CGCG 13-59 PGC 38201                                   |
| NGC 4075  |   |                  | Glxy SA(r)0+        | 14.5 | MCG 0-31-32 CGCG 13-64 PGC 38216                                            |
| NGC 4077  |   | H258-3           | Glxy SB(r)0^        | 14.1 | NGC 4140 PGC 38218 UGC 7063 MCG 0-31-31 CGCG 13-63                          |
| NGC 4078  |   |                  | Glxy S0?            | 14.2 | NGC 4107 PGC 38238 UGC 7066 MCG 2-31-23 CGCG 69-43                          |

# Virgo - The Virgin

| By NGC/IC Number |        |     |                      |                                                                                |
|------------------|--------|-----|----------------------|--------------------------------------------------------------------------------|
| Catalog          | M      | Her | Object Type          | Mag Alias/Notes                                                                |
| NGC 4079         |        |     | Glxy (R')SAB(rs)bc:  | 13.2 UGC 7067 MCG 0-31-34 CGCG 13-67 IRAS 12022-206 PGC 38240                  |
| NGC 4082         |        |     | Glxy                 | 15.4 MCG 2-31-26 CGCG 69-46 PGC 38274                                          |
| NGC 4083         |        |     | Glxy L               | 15.3 MCG 2-31-24 CGCG 69-44 PGC 38275                                          |
| NGC 4107         |        |     | Non-Existent         |                                                                                |
| NGC 4116         |        |     | Glxy SB(rs)dm        | 12.4 UGC 7111 MCG 1-31-22 CGCG 41-41 UM476 IRAS 12050+258 PGC 38492            |
| NGC 4119         | H14-2  |     | Non-Existent         | (H14-2 is NGC 4142)                                                            |
| NGC 4123         | H4-5   |     | Glxy SB(r)c          | 12 UGC 7116 MCG 1-31-23 MK 1466 CGCG 41-42 UM477 IRAS 12056+309 PGC 38531      |
| NGC 4124         | H33-1  |     | Glxy SA(r)0+         | 12.2 H14-2 H60-2 PGC 38527 UGC 7117 MCG 2-31-36 CGCG 69-58 IRAS 12055+1039     |
| NGC 4129         | H548-2 |     | Glxy SBab            | 12.5 NGC 4130 PGC 38580 MCG -1-31-6 IRAS 12063-845                             |
| NGC 4130         |        |     | Non-Existent         | NGC 4129                                                                       |
| NGC 4139         |        |     | Glxy SB(rs)0^        | 14.7 IC 2989 PGC 38213 MCG 0-31-30 CGCG 13-61                                  |
| NGC 4140         |        |     | Non-Existent         | NGC 4077                                                                       |
| NGC 4164         |        |     | Glxy E3              | 15.7 CGCG 69-76 VCC43 PGC 38877                                                |
| NGC 4165         |        |     | Glxy SAB(r)a:?       | 14.4 IC 3035 PGC 38885 UGC 7201 MCG 2-31-45 CGCG 69-78 VCC47 KUG 1209+135      |
| NGC 4168         | H105-2 |     | Glxy E2              | 12.1 UGC 7203 MCG 2-31-46 CGCG 69-81 VCC49 PGC 38890                           |
| NGC 4176         |        |     | Glxy Sb              | 15.8 PGC 38928                                                                 |
| NGC 4178         |        |     | Glxy SB(rs)dm        | 11.9 IC 3042 PGC 38943 UGC 7215 MCG 2-31-50 CGCG 69-88 VCC66                   |
| NGC 4179         | H9-1   |     | Glxy S0 sp           | 11.9 UGC 7214 MCG 0-31-38 CGCG 13-104 PGC 38950                                |
| NGC 4180         | H133-2 |     | Glxy Sab:            | 13.5 NGC 4182 PGC 38964 UGC 7219 MCG 1-31-25 CGCG 41-48 VCC73 IRAS 12104+719   |
| NGC 4182         |        |     | Non-Existent         |                                                                                |
| NGC 4191         |        |     | Glxy S0              | 13.8 UGC 7233 MCG 1-31-26 CGCG 41-49 VCC94 PGC 39034                           |
| NGC 4193         | H163-2 |     | Glxy SAB(s)c:?       | 12.3 IC 3051 PGC 39040 UGC 7234 MCG 2-31-53 CGCG 69-91 VCC97 IRAS 12113+1326   |
| NGC 4197         | H134-2 |     | Glxy Sd              | 13.4 UGC 7247 MCG 1-31-29 CGCG 41-52 VV 520 VCC120 IRAS 12121+605 PGC 39114    |
| NGC 4200         | H164-2 |     | Glxy S0              | 13.9 UGC 7251 MCG 2-31-57 CGCG 69-96 VCC122 PGC 39124                          |
| NGC 4201         |        |     | Glxy S0              | 14.4 MCG -2-31-24 IRAS 12120-1118 PGC 39120                                    |
| NGC 4202         |        |     | Glxy SAB(rs)bc       | 14.4 UGC 7337 MCG 0-31-46 CGCG 13-121 PGC 39495                                |
| NGC 4206         | H165-2 |     | Glxy SA(s)bc:        | 12.8 IC 3064 PGC 39183 UGC 7260 MCG 2-31-66 CGCG 69-104 VCC145 IRAS 12127+1318 |
| NGC 4207         |        |     | Glxy S?              | 13.5 UGC 7268 MCG 2-31-69 CGCG 69-107 VCC152 IRAS 12129+951 PGC 39206          |
| NGC 4215         | H135-2 |     | Glxy SA(r)0+: sp     | 13 UGC 7281 MCG 1-31-31 CGCG 41-55 ARAK352 VCC166 PGC 39251                    |
| NGC 4216         | H35-1  |     | Glxy SAB(s)b:        | 11 UGC 7284 MCG 2-31-72 CGCG 69-112 VCC167 IRAS 12133+1325 PGC 39246           |
| NGC 4223         | H137-2 |     | Glxy SA(s)^:         | 13 Located at N4241 in MS PGC 39412 UGC 7319 MCG 1-31-38 CGCG 41-65 VCC234     |
| NGC 4224         | H136-2 |     | Glxy SA(s)a: sp      | 12.9 UGC 7292 MCG 1-31-34 CGCG 41-60 VCC199 IRAS 12140+744 PGC 39328           |
| NGC 4233         | H496-2 |     | Glxy S0^             | 12.9 UGC 7311 MCG 1-31-37 CGCG 41-63 VCC220 PGC 39384                          |
| NGC 4234         |        |     | Glxy (R')SB(s)m      | 13.3 UGC 7309 MCG 1-31-35 CGCG 41-61 VCC221 IRAS 12146+357 PGC 39388           |
| NGC 4235         | H17-2  |     | Glxy SA(s)a sp       | 12.6 IC 3098 PGC 39389 UGC 7310 MCG 1-31-36 CGCG 41-62 VCC222                  |
| NGC 4240         |        |     | Glxy E               | 12.7                                                                           |
| NGC 4241         | H480-3 |     | Glxy SB(s)cd         | 13 IC 3103 UGC 7319 CGCG 41-65 MCG +1-31-38 VCC 234 PGC 39412                  |
| NGC 4243         |        |     | Non-Existent         | NGC 4240 PGC 39411 MCG -2-31-29                                                |
| NGC 4246         | H91-3  |     | Glxy SA(s)c          | 13.4 IC 3113 PGC 39479 UGC 7334 MCG 1-31-41 CGCG 41-70 VCC264                  |
| NGC 4247         |        |     | Glxy (R)SAB(s)ab pec | 14.4 MCG 1-31-42 CGCG 41-71 VCC265 IRAS 12153+733 PGC 39480                    |
| NGC 4249         |        |     | Glxy S0_1_(0)        | 14.9 MCG 1-31-39 CGCG 41-68 VCC266 PGC 39481                                   |
| NGC 4252         |        |     | Glxy Sb? sp          | 14.8 UGC 7343 MCG 1-31-45 CGCG 41-76 VCC289 PGC 39537                          |

# Virgo - The Virgin

| By NGC/IC Number |     |        |                             |                                                                              |
|------------------|-----|--------|-----------------------------|------------------------------------------------------------------------------|
| Catalog          | M   | Her    | Object Type                 | Mag Alias/Notes                                                              |
| NGC 4255         |     |        | Glxy SB(r)0 <sup>^</sup>    | 13.8 UGC 7348 MCG 1-31-47 CGCG 42-4 ARAK355 VCC312 PGC 39592                 |
| NGC 4257         |     |        | Glxy Sab: sp                | 14.9 MCG 1-31-49 CGCG 42-6 VCC323 PGC 39624                                  |
| NGC 4259         |     |        | Glxy S0 sp                  | 14.6 UGC 7359 MCG 1-31-51 CGCG 42-12 ARAK356 VCC342 PGC 39657                |
| NGC 4260         |     | H138-2 | Glxy SB(s)a                 | 11.8 UGC 7361 MCG 1-31-54 CGCG 42-15 VCC341 PGC 39656                        |
| NGC 4261         |     | H139-2 | Glxy E2-3                   | 10.4 UGC 7360 MCG 1-31-52 CGCG 42-13 VCC345 PGC 39659                        |
| NGC 4264         |     | H140-2 | Glxy SB(rs)0+               | 12.8 UGC 7364 MCG 1-32-1 CGCG 42-20 ARAK357 VCC358 PGC 39687                 |
| NGC 4266         |     |        | Glxy SB(s)a? sp             | 14.6 UGC 7368 MCG 1-32-2 CGCG 42-21 VCC362 IRAS 12171+548 PGC 39699          |
| NGC 4267         |     | H166-2 | Glxy SB(s)0-?               | 11.9 UGC 7373 MCG 2-32-4 CGCG 70-13 VCC369 PGC 39710                         |
| NGC 4268         |     |        | Glxy SB0/a: sp              | 12.8 UGC 7371 MCG 1-32-4 CGCG 42-23 VCC371 PGC 39712                         |
| NGC 4269         |     |        | Glxy S0+                    | 13.9 UGC 7372 MCG 1-32-5 CGCG 42-24 VCC373 PGC 39719                         |
| NGC 4270         |     | H568-2 | Glxy S0                     | 13.1 UGC 7376 MCG 1-32-7 CGCG 42-26 VCC375 PGC 39718                         |
| NGC 4273         |     | H569-2 | Glxy SB(s)c                 | 11.9 UGC 7380 MCG 1-32-8 CGCG 42-28 VCC382 IRAS 12173+537 PGC 39738          |
| NGC 4276         |     |        | Glxy SB?                    | 13.4 UGC 7385 MCG 1-32-10 CGCG 42-32 VCC393 IRAS 12175+757 PGC 39765         |
| NGC 4277         |     | H571-2 | Glxy SAB(rs)0/a:            | 13.4 MCG 1-32-9 CGCG 42-29 VCC386 PGC 39759                                  |
| NGC 4279         |     |        | Glxy (R)SB(r)0+:            | 14.5 MCG -2-32-3 PGC 39812                                                   |
| NGC 4280         |     |        | Non-Existent                |                                                                              |
| NGC 4281         |     | H570-2 | Glxy S0+: sp                | 12.3 H573-2 UGC 7389 MCG 1-32-12 CGCG 42-34 VCC408 IRAS 12177+539 PGC 39801  |
| NGC 4282         |     |        | Glxy S0?                    | 14.9 MCG 1-32-13 CGCG 42-35 VCC411 PGC 39809                                 |
| NGC 4285         |     |        | Glxy Sa                     | 14.5 MCG -2-32-4 PGC 39842                                                   |
| NGC 4287         |     |        | Glxy S (on-edge)            | 14.9 MCG 1-32-14 CGCG 42-37 VCC434 PGC 39860                                 |
| NGC 4289         |     |        | Glxy SA(s)cd: sp            | 14.6 UGC 7403 MCG 1-32-15 CGCG 42-38 VCC449 IRAS 12184+400 PGC 39886         |
| NGC 4292A        |     |        | Glxy E-S0                   | 15                                                                           |
| NGC 4292         |     |        | Glxy (R)SB(r)0 <sup>^</sup> | 12.2 UGC 7404 MCG 1-32-16 CGCG 42-40 VCC462 PGC 39922                        |
| NGC 4294         |     | H61-2  | Glxy SB(s)cd                | 12.5 UGC 7407 MCG 2-32-9 CGCG 70-24 VCC465 IRAS 12187+1147 PGC 39925         |
| NGC 4296         |     | H92-3  | Glxy S0                     | 13.7 UGC 7409 MCG 1-32-17 CGCG 42-41 VCC475 PGC 39943                        |
| NGC 4297         |     | H93-3  | Glxy S0                     | 15.2 MCG 1-32-18 CGCG 42-41 VCC473 PGC 39940                                 |
| NGC 4299         |     | H62-2  | Glxy SAB(s)dm:              | 12.9 UGC 7414 MCG 2-32-10 CGCG 70-25 VCC491 IRAS 12191+1146 PGC 39968        |
| NGC 4300         |     | H572-2 | Glxy Sa                     | 13.9 UGC 7413 MCG 1-32-21 CGCG 42-44 VCC492 PGC 39972                        |
| NGC 4301         |     |        | Glxy SA(r)0/a: sp           | 14.6 NGC 4303A PGC 39951 UGC 7411 MCG 1-32-19 CGCG 42-42 VCC482              |
| NGC 4303         | M61 | H139-1 | Glxy SAB(rs)bc              | 10.2 M 61 KUG 109+322 PGC 40001                                              |
| NGC 4303A        |     |        | Non-Existent                | NGC 4301 PGC 40087 UGC 7439 MCG 1-32-27 CGCG 42-53 VCC552 IRAS 12198+450     |
| NGC 4305         |     |        | Glxy SA(r)a                 | 13.3 UGC 7432 MCG 2-32-13 CGCG 70-31 VCC522 PGC 40030                        |
| NGC 4306         |     |        | Glxy SB(s)0 <sup>^</sup> :  | 13.6 UGC 7433 MCG 2-32-14 CGCG 70-32 VCC523 PGC 40032                        |
| NGC 4307A        |     |        | Non-Existent                |                                                                              |
| NGC 4307         |     |        | Glxy Sb sp                  | 12.8 UGC 7431 MCG 2-32-12A CGCG 70-29 VCC524 IRAS 12195+919 PGC 40033        |
| NGC 4309A        |     |        | Glxy C                      | 15                                                                           |
| NGC 4309         |     |        | Glxy SAB(r)0+               | 13.7 UGC 7435 MCG 1-32-25 CGCG 42-51 VCC534 IRAS 12196+725 PGC 40051         |
| NGC 4313         |     | H63-2  | Glxy SA(rs)ab: sp           | 12.5 UGC 7445 MCG 2-32-16 CGCG 70-34 VCC570 IRAS 12200+1204 PGC 40105        |
| NGC 4315         |     |        | Non-Existent                |                                                                              |
| NGC 4316         |     |        | Glxy Scd?                   | 13.6 UGC 7447 MCG 2-32-17 CGCG 70-35 VCC576 IRAS 12201+936 PGC 40119         |
| NGC 4318         |     |        | Glxy E?                     | 14.2 UGC 7446 MCG 2-32-15 CGCG 42-59 CGCG 70-33 ARAK359 VCC575 PGC 40122     |
| NGC 4320         |     |        | Glxy S?                     | 14.8 UGC 7452 MCG 2-32-18 CGCG 70-36 VCC599 IRAS 12204+1049 8ZW184 PGC 40160 |
| NGC 4324         |     |        | Glxy SA(r)0+                | 11.6 UGC 7451 MCG 1-32-32 CGCG 42-63 VCC613 IRAS 12205+531 PGC 40179         |
| NGC 4325         |     | H38-3  | Glxy E?                     | 14.3 PGC 40183 MCG 2-32-19 CGCG 70-37 VCC616                                 |

# Virgo - The Virgin

|           |     | By NGC/IC Number |                              |      |                                                                                        |
|-----------|-----|------------------|------------------------------|------|----------------------------------------------------------------------------------------|
| Catalog   | M   | Her              | Object Type                  | Mag  | Alias/Notes                                                                            |
| NGC 4326  |     | H141-2           | Glxy SAB(r)ab:               | 14.2 | UGC 7454 MCG 1-32-33 CGCG 42-64 VCC623 PGC 40192                                       |
| NGC 4330  |     |                  | Glxy Scd?                    | 13.1 | UGC 7456 MCG 2-32-20 CGCG 70-39 VCC630 IRAS 12207+1138 PGC 40201                       |
| NGC 4333  |     | H142-2           | Glxy SB(s)ab                 | 14.5 | MCG 1-32-34 CGCG 42-65 VCC637 PGC 40217                                                |
| NGC 4334  |     |                  | Glxy SB(s)ab                 | 13.9 | UGC 7458 MCG 1-32-35 CGCG 42-66 VCC638 IRAS 12208+744 PGC 40218                        |
| NGC 4339  |     | H143-2           | Glxy E0                      | 12.3 | UGC 7461 MCG 1-32-36 CGCG 42-68 VCC648 PGC 40240                                       |
| NGC 4341  |     | H95-3            | Glxy SAB(s)0 <sup>+</sup> sp | 14.2 | IC 3260 PGC 40280 UGC 7472 MCG 1-32-42 CGCG 42-76 VCC672                               |
| NGC 4342  |     | H96-3            | Glxy S0- sp                  | 13.4 | IC 3256 PGC 40252 UGC 7466 MCG 1-32-39 CGCG 42-71 ARAK361 VCC657                       |
| NGC 4343  |     | H94-3            | Glxy SA(rs)b:                | 13.1 | UGC 7465 MCG 1-32-38 CGCG 42-70 VCC656 IRAS 12210+713 PGC 40251                        |
| NGC 4347  |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4348  |     | H625-2           | Glxy SABc: sp                | 13.3 | MCG 0-32-3 CGCG 14-23 IRAS 12213-310 KARA527 PGC 40284                                 |
| NGC 4351  |     |                  | Glxy SBab/                   | 12.2 | NGC 4354 PGC 40306 UGC 7476 MCG 2-32-24 CGCG 70-45 VCC692 IRAS 12214+1229 KUG 1221+124 |
| NGC 4352  |     | H64-2            | Glxy SA0: sp                 | 13.5 | UGC 7475 MCG 2-32-23 CGCG 70-44 VCC698 PGC 40313                                       |
| NGC 4353  |     |                  | Glxy IBm:                    | 14.4 | IC 3266 PGC 40303 IC 3265 MCG 1-32-43 CGCG 42-77 VCC688                                |
| NGC 4354  |     |                  | Non-Existent                 |      | NGC 4351                                                                               |
| NGC 4355  |     |                  | Non-Existent SAB(s)a         |      | NGC 4418                                                                               |
| NGC 4356  |     | H481-3           | Glxy Scd:                    | 14   | IC 3273 PGC 40342 UGC 7482 MCG 2-32-26 CGCG 70-48 VCC713 IRAS 12217+848                |
| NGC 4360  |     |                  | Glxy E                       | 13.3 | UGC 7484 MCG 2-32-28 CGCG 70-52 VCC722 PGC 40363                                       |
| NGC 4360A |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4360B |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4365  |     | H30-1            | Glxy E3                      | 10.5 | UGC 7488 MCG 1-32-48 CGCG 42-83 VCC731 PGC 40375                                       |
| NGC 4366  |     | H97-3            | Glxy E                       | 15   | MCG 1-32-50 CGCG 42-87 VCC745 PGC 40421                                                |
| NGC 4367  |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4368  |     | H38-3            | Non-Existent                 |      | (H38-3 is NGC 4325)                                                                    |
| NGC 4370  |     | H144-2           | Glxy Sa sp                   | 13.5 | UGC 7492 MCG 1-32-51 CGCG 42-89 VCC758 IRAS 12223+743 PGC 40439                        |
| NGC 4371  |     | H22-1            | Glxy SB(r)0 <sup>+</sup>     | 11.8 | UGC 7493 MCG 2-32-33 CGCG 70-57 VCC759 PGC 40442                                       |
| NGC 4374  | M84 |                  | Glxy E1                      | 10.1 | M 84 MCG -3-4-28 VV 258 PGC 40455                                                      |
| NGC 4376  |     | H530-2           | Glxy Im                      | 13.9 | UGC 7498 MCG 1-32-53 CGCG 42-93 VCC787 IRAS 12227+601 PGC 40494                        |
| NGC 4378  |     | H123-1           | Glxy (R)SA(s)a               | 12.6 | UGC 7497 MCG 1-32-52 CGCG 42-92 VCC785 IRAS 12227+512 PGC 40490                        |
| NGC 4380  |     |                  | Glxy SA(rs)b:?               | 12.7 | UGC 7503 MCG 2-32-37 CGCG 70-61 VCC792 IRAS 12228+1017 PGC 40507                       |
| NGC 4385  |     |                  | Glxy SB(rs)0 <sup>+</sup> :  | 13.2 | UGC 7515 MCG 0-32-9 MK 52 CGCG 14-34 UM499 IRAS 12231+50 PGC 40564                     |
| NGC 4387  |     | H167-2           | Glxy E                       | 13   | UGC 7517 MCG 2-32-39 CGCG 70-65 VCC828 PGC 40562                                       |
| NGC 4388  |     | H168-2           | Glxy SA(s)b: sp              | 11.8 | UGC 7520 MCG 2-32-41 CGCG 70-68 VCC836 IRAS 12232+1256 PGC 40581                       |
| NGC 4390  |     | H39-3            | Glxy SAB(s)c:                | 13.3 | IC 3320 PGC 40597 UGC 7519 MCG 2-32-40 CGCG 70-67 IRAS 12233+1044                      |
| NGC 4398  |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4402  |     |                  | Glxy Sb sp                   | 12.6 | UGC 7528 MCG 2-32-44 CGCG 70-71 VCC873 IRAS 12235+1323 PGC 40644                       |
| NGC 4403  |     | H755-3           | Glxy SA(r)ab pec sp          | 13.8 | MCG -1-32-8 IRAS 12236-724 PGC 40656                                                   |
| NGC 4404  |     | H756-3           | Glxy SA(r)0- pec:            | 12   | MCG -1-32-9 PGC 40666                                                                  |
| NGC 4406  | M86 |                  | Glxy E3                      | 9.8  | M 86 ESO 296-7 MCG -6-3-29 IRAS 1112-3810 PGC 40653                                    |
| NGC 4407  |     |                  | Non-Existent                 |      |                                                                                        |
| NGC 4409  |     | H17-3            | Non-Existent                 |      | (H17-3 is NGC 4420)                                                                    |
| NGC 4410  |     |                  | Glxy Sab/P                   | 13.8 |                                                                                        |
| NGC 4410A |     |                  | Non-Existent                 |      | NGC 4410-1 PGC 40694 UGC 7535 MCG 2-32-47 MK 1325 CGCG 70-73 VCC904                    |
| NGC 4410B |     |                  | Non-Existent                 |      | NGC 4410-2 PGC 40697 UGC 7535 MCG 2-32-47 MK 1325 CGCG 70-73 VCC907                    |
| NGC 4411  |     |                  | Non-Existent                 |      | UGC 7537 MCG 2-32-48 CGCG 70-74 VCC905 PGC 40695                                       |

# Virgo - The Virgin

|           |   |        |                    | By NGC/IC Number |                                                                                  |  |  |
|-----------|---|--------|--------------------|------------------|----------------------------------------------------------------------------------|--|--|
| Catalog   | M | Her    | Object Type        | Mag              | Alias/Notes                                                                      |  |  |
| NGC 4411B |   |        | Non-Existent       |                  | NGC 4411-2 PGC 40745 UGC 7546 MCG 2-32-55 CGCG 70-82 VCC939 IRAS 12242+909       |  |  |
| NGC 4411A |   |        | Glxy SBdm          | 12.9             |                                                                                  |  |  |
| NGC 4412  |   | H34-2  | Glxy SB(r)b? pec   | 13.2             | UGC 7536 MCG 1-32-62 CGCG 42-104 VCC921 IRAS 12240+414 PGC 40715                 |  |  |
| NGC 4413  |   | H169-2 | Glxy (R')SB(rs)ab: | 12.3             | PGC 40705 UGC 7538 MCG 2-32-49 CGCG 70-76 VCC912 IRAS 12239+1253                 |  |  |
| NGC 4415  |   | H482-3 | Glxy S0/a          | 13.1             | UGC 7540 MCG 2-32-52 CGCG 70-78 VCC929 PGC 40727                                 |  |  |
| NGC 4416  |   |        | Glxy SB(rs)cd:     | 13.1             | UGC 7541 MCG 1-32-63 MK 1326 CGCG 42-105 VCC938 IRAS 12242+811 PGC 40743         |  |  |
| NGC 4417  |   | H155-2 | Glxy SB0: sp       | 12               | UGC 7542 MCG 2-32-53 CGCG 70-80 VCC944 PGC 40756                                 |  |  |
| NGC 4418  |   | H492-3 | Glxy (R')SAB(s)a   | 14               | NGC 4355 PGC 40762 UGC 7545 MCG 0-32-12 CGCG 14-39 IRAS 12243-36                 |  |  |
| NGC 4420  |   | H23-2  | Glxy SB(r)bc:      | 12.9             | H17-3 NGC 4409 PGC 40775 UGC 7549 MCG 1-32-64 CGCG 42-106 VCC957 IRAS 12244+246  |  |  |
| NGC 4422  |   | H114-3 | Glxy SA0- pec?     | 14.5             | MCG -1-32-10 PGC 40813                                                           |  |  |
| NGC 4423  |   | H145-2 | Glxy Sdm:          | 14               | UGC 7556 MCG 1-32-65 CGCG 42-107 VCC971 IRAS 12246+609 PGC 40801                 |  |  |
| NGC 4424  |   |        | Glxy SB(s)a:       | 12.3             | UGC 7561 MCG 2-32-58 CGCG 70-90 VCC979 IRAS 12246+941 PGC 40809                  |  |  |
| NGC 4425  |   | H170-2 | Glxy SB0+: sp      | 11.8             | UGC 7562 MCG 2-32-59 CGCG 70-91 VCC984 PGC 40816                                 |  |  |
| NGC 4428  |   |        | Glxy SAB(rs)c      | 13.3             | MCG -1-32-12 IRAS 12248-753 PGC 40860                                            |  |  |
| NGC 4429  |   | H65-2  | Glxy SA(r)0+       | 11               | UGC 7568 MCG 2-32-61 CGCG 70-93 VCC1003 IRAS 12249+1123 PGC 40850                |  |  |
| NGC 4430  |   | H146-2 | Glxy SB(rs)b:      | 12.8             | H113-3 UGC 7566 MCG 1-32-67 CGCG 42-111 VCC1002 IRAS 12248+632 PGC 40851         |  |  |
| NGC 4431  |   | H171-2 | Glxy SA(r)0        | 13.7             | UGC 7569 MCG 2-32-62 CGCG 70-94 VCC1010 PGC 40852                                |  |  |
| NGC 4432  |   |        | Glxy Sbc           | 14.8             | UGC 7570 MCG 1-32-68 CGCG 42-114 VCC1018 PGC 40875                               |  |  |
| NGC 4433  |   |        | Glxy SAB(s)ab      | 13.3             | MCG -1-32-13 IRAS 12250-800 PGC 40894                                            |  |  |
| NGC 4434  |   | H497-2 | Glxy E             | 12.1             | UGC 7571 MCG 1-32-69 CGCG 42-115 VCC1025 PGC 40886                               |  |  |
| NGC 4435  |   | H28-1  | Glxy SB(s)0^       | 11.7             | The Eyes PGC 40898                                                               |  |  |
| NGC 4436  |   | H172-2 | Glxy S0            | 13.9             | UGC 7573 MCG 2-32-66 CGCG 70-96 VCC1036 PGC 40903                                |  |  |
| NGC 4437  |   |        | Non-Existent       |                  | NGC 4517                                                                         |  |  |
| NGC 4438  |   | H28-1  | Glxy SA(s)0/a pec: | 11               | UGC 7574 MCG 2-32-65 CGCG 70-97 VV 188 ARP 120 VCC1043 IRAS 12252+1317 PGC 40914 |  |  |
| NGC 4440  |   | H173-2 | Glxy SB(rs)a       | 12.7             | UGC 7581 MCG 2-32-67 CGCG 70-99 VCC1047 PGC 40927                                |  |  |
| NGC 4442  |   | H156-2 | Glxy SB(s)0^       | 11.4             | UGC 7583 MCG 2-32-68 CGCG 70-100 VCC1062 PGC 40950                               |  |  |
| NGC 4443  |   |        | Non-Existent       |                  |                                                                                  |  |  |
| NGC 4445  |   |        | Glxy Sab: sp       | 13.7             | UGC 7587 MCG 2-32-72 CGCG 70-104 VCC1086 PGC 40987                               |  |  |
| NGC 4451  |   |        | Glxy Sbc:          | 13.3             | UGC 7600 MCG 2-32-79 CGCG 70-111 ARAK368 VCC1118 IRAS 12260+932 PGC 41050        |  |  |
| NGC 4452  |   | H23-1  | Glxy S0?           | 12.9             | UGC 7601 MCG 2-32-80 CGCG 70-112 VCC1125 PGC 41060                               |  |  |
| NGC 4453  |   | H26-2  | Glxy S?            | 15.8             | (H26-2 is NGC 4430) MCG 1-32-73 CGCG 42-121 VCC1130 IRAS 12262+647 PGC 41072     |  |  |
| NGC 4454  |   | H180-2 | Glxy (R)SB(r)0/a   | 12.7             | UGC 7606 MCG 0-32-14 CGCG 14-48 IRAS 12262-139 PGC 41083                         |  |  |
| NGC 4457  |   | H35-2  | Glxy (R)SAB(s)0/a  | 11.8             | UGC 7609 MCG 1-32-75 CGCG 42-124 VCC1145 IRAS 12264+350 PGC 41101                |  |  |
| NGC 4458  |   | H121-2 | Glxy E0-1          | 12               | UGC 7610 MCG 2-32-82 CGCG 70-114 VCC1146 PGC 41095                               |  |  |
| NGC 4461  |   | H122-2 | Glxy SB(s)0+:      | 11.1             | H174-2 UGC 7613 MCG 2-32-84 CGCG 70-115 VCC1158 PGC 41111                        |  |  |
| NGC 4464  |   | H483-3 | Glxy S?            | 12.5             | UGC 7619 MCG 1-32-78 CGCG 42-128 VCC1178 PGC 41148                               |  |  |
| NGC 4465  |   |        | Glxy Sc            | 15.6             | CGCG 42-127 VCC1182 PGC 41157                                                    |  |  |
| NGC 4466  |   |        | Glxy Sab? sp       | 14.4             | UGC 7626 MCG 1-32-81 CGCG 42-131 VCC1193 PGC 41170                               |  |  |
| NGC 4467  |   |        | Glxy E2            | 14.8             | MCG 1-32-80 CGCG 42-130 ARAK369 VCC1192 PGC 41169                                |  |  |
| NGC 4469  |   | H157-2 | Glxy SB(s)0/a? sp  | 12.2             | UGC 7622 MCG 2-32-89 CGCG 70-121 VCC1190 IRAS 12269+901 PGC 41164                |  |  |
| NGC 4470  |   | H18-2  | Glxy Sa?           | 13               | H19-2 H498-2 PGC 41189 UGC 7627 MCG 1-32-82 CGCG 42-132 VCC1205 IRAS 12270+806   |  |  |



# Virgo - The Virgin

|           |     |        |                    | By NGC/IC Number |                                                                                  |
|-----------|-----|--------|--------------------|------------------|----------------------------------------------------------------------------------|
| Catalog   | M   | Her    | Object Type        | Mag              | Alias/Notes                                                                      |
| NGC 4471  |     |        | Non-Existent       |                  |                                                                                  |
| NGC 4472  | M49 | H7-1   | Glxy E2            | 9.4              | M 49 MCG 6-3-25 CGCG 520-31 PGC 41220                                            |
| NGC 4476  |     | H123-2 | Glxy SA(r)0-:      | 13               | UGC 7637 MCG 2-32-96 CGCG 70-128 VCC1250 IRAS 12274+1237 PGC 41255               |
| NGC 4478  |     | H124-2 | Glxy E2            | 12.4             | UGC 7645 MCG 2-32-99 CGCG 70-133 VCC1279 PGC 41297                               |
| NGC 4480  |     | H531-2 | Glxy SAB(s)c       | 13.2             | UGC 7647 MCG 1-32-87 CGCG 42-139 VCC1290 IRAS 12278+431 PGC 41317                |
| NGC 4482  |     | H40-3  | Glxy E             | 13.7             | IC 3427 PGC 41272 UGC 7640 MCG 2-32-98 CGCG 70-130 VCC1261                       |
| NGC 4483  |     |        | Glxy SB(s)0+:      | 13.1             | UGC 7649 MCG 2-32-103 CGCG 70-136 VCC1303 PGC 41339                              |
| NGC 4484  |     |        | Glxy SA(s)c pec:   | 14               | MCG -2-32-13 IRAS 12262-1122 PGC 41087                                           |
| NGC 4486  | M87 |        | Glxy E+0-1 pec     | 9.6              | M 87 UGC 791 MCG 0-4-52 CGCG 385-43 PGC 41361                                    |
| NGC 4486B |     |        | Glxy cE0           | 13.3             | MCG 2-32-101 UGC A283 1ZW38 VCC1297 PGC 41327                                    |
| NGC 4486A |     |        | Glxy E2            | 13.5             | UGC 7658 MCG 2-32-110 CGCG 70-141 ARAK372 VCC1327 PGC 41377                      |
| NGC 4487  |     | H776-2 | Glxy SAB(rs)cd     | 11.6             | MCG -1-32-21 IRAS 12285-746 PGC 41399                                            |
| NGC 4488  |     | H484-3 | Glxy SB(s)0/a pec: | 12.2             | UGC 7653 MCG 2-32-104 CGCG 70-137 VCC1318 PGC 41363                              |
| NGC 4491  |     | H41-3  | Glxy SB(s)a:       | 13.5             | UGC 7657 MCG 2-32-107 CGCG 70-140 VCC1326 IRAS 12284+1145 PGC 41376              |
| NGC 4492  |     | H499-2 | Glxy SA(s)a?       | 12.6             | IC 3438 PGC 41383 UGC 7656 MCG 1-32-89 CGCG 42-141 VCC1330                       |
| NGC 4493  |     |        | Glxy E+ pec:       | 14.3             | MCG 0-32-17 CGCG 14-56 PGC 41409                                                 |
| NGC 4496  |     |        | Non-Existent       |                  | NGC 4496A NGC 4496B                                                              |
| NGC 4496B |     |        | Glxy IB(s)m:       | 14.5             | CGCG 42-144 VV 76 VCC1376 PGC 41473                                              |
| NGC 4496A |     | H36-2  | Glxy SB(rs)m       | 11.9             | H18-3 UGC 7668 MCG 1-32-90 CGCG 42-144 VV 76 VCC1375 PGC 41471                   |
| NGC 4497  |     | H42-3  | Glxy SAB(s)0+:     | 13.2             | IC 3452 PGC 41457 UGC 7665 MCG 2-32-113 CGCG 70-145 VCC1368                      |
| NGC 4503  |     | H66-2  | Glxy SB0-:         | 12.1             | UGC 7680 MCG 2-32-118 CGCG 70-149 VCC1412 PGC 41538                              |
| NGC 4504  |     | H771-2 | Glxy SA(s)cd       | 11.9             | MCG -1-32-22 IRAS 12296-717 PGC 41555                                            |
| NGC 4505  |     | H18-3  | Non-Existent       |                  | (H18-3 is NGC 4496A)                                                             |
| NGC 4508  |     |        | Non-Existent       |                  |                                                                                  |
| NGC 4517A |     |        | Glxy SB(rs)dm:     | 12.5             | UGC 7685 MCG 0-32-19 CGCG 14-62 PGC 41578                                        |
| NGC 4517  |     | H5-4   | Glxy SA(s)cd: sp   | 11.1             | NGC 4537 PGC 41618 UGC 7694 MCG 0-32-20 CGCG 14-63 UM505 IRAS 12301+23           |
| NGC 4518  |     |        | Glxy SB0_2/3_(r)/a | 14.7             | MCG 1-32-95 CGCG 42-150 VCC1484 IRAS 12306+806 PGC 41674                         |
| NGC 4518A |     |        | Non-Existent       |                  |                                                                                  |
| NGC 4518B |     |        | Glxy Sab           | 14.2             |                                                                                  |
| NGC 4519A |     |        | Glxy dS0?          | 15.3             | MCG 2-32-134 CGCG 70-165 VCC1501 PGC 41706                                       |
| NGC 4519  |     | H158-2 | Glxy SB(rs)d       | 12.3             | UGC 7709 MCG 2-32-135 CGCG 70-167 VCC1508 IRAS 12308+856 PGC 41719               |
| NGC 4520  |     | H757-3 | Glxy SA0- pec sp   | 14.8             | IC 799 PGC 41748                                                                 |
| NGC 4522  |     |        | Glxy SB(s)cd: sp   | 13               | UGC 7711 MCG 2-32-137 CGCG 70-168 VCC1516 IRAS 12311+926 PGC 41729               |
| NGC 4526  |     | H31-1  | Glxy SAB(s)0^:     | 10.7             | H38-1 H119-1? PGC 41772 UGC 7718 MCG 1-32-100 CGCG 42-155 VCC1535 IRAS 12315+758 |
| NGC 4527  |     | H37-2  | Glxy SAB(s)bc      | 10.4             | UGC 7721 MCG 1-32-101 CGCG 42-156 VCC1540 IRAS 12315+255 PGC 41789               |
| NGC 4528  |     | H67-2  | Glxy S0^:          | 13               | UGC 7722 MCG 2-32-140 CGCG 70-172 VCC1537 PGC 41781                              |
| NGC 4531  |     | H175-2 | Glxy SB0+:         | 12.4             | UGC 7729 MCG 2-32-141 CGCG 70-175 VCC1552 IRAS 12317+1321 PGC 41806              |
| NGC 4532  |     | H147-2 | Glxy IBm           | 12.3             | UGC 7726 MCG 1-32-103 CGCG 42-158 VCC1554 IRAS 12317+644 PGC 41811               |
| NGC 4533  |     |        | Glxy SAd: sp       | 14.4             | UGC 7725 MCG 1-32-102 CGCG 42-157 VCC1557 PGC 41816                              |
| NGC 4535  |     | H500-2 | Glxy SAB(s)c       | 9.9              | UGC 7727 MCG 1-32-104 CGCG 42-159 VCC1555 IRAS 12318+828 PGC 41812               |
| NGC 4535A |     |        | Glxy S             | 15.2             |                                                                                  |

# Virgo - The Virgin

| By NGC/IC Number |      |        |                    |                                                                                      |
|------------------|------|--------|--------------------|--------------------------------------------------------------------------------------|
| Catalog          | M    | Her    | Object Type        | Mag Alias/Notes                                                                      |
| NGC 4536         |      | H2-5   | Glxy SAB(rs)bc     | 11.2 UGC 7732 MCG 0-32-23 CGCG 14-68 UM506 VCC1562 IRAS 12318+227 PGC 41823          |
| NGC 4538         |      |        | Glxy S?            | 15.3 MCG 1-32-105 CGCG 42-161 ARAK378 VCC1576 IRAS 12320+336 PGC 41850               |
| NGC 4541         |      | H493-3 | Glxy (R')SAB(r)bc: | 13.8 UGC 7749 MCG 0-32-24 CGCG 14-71 IRAS 12326+3 PGC 41911                          |
| NGC 4543         |      |        | Glxy E3            | 14.5 MCG 1-32-109 CGCG 42-167 VCC1608 PGC 41923                                      |
| NGC 4544         |      |        | Glxy SB0/a? sp     | 14 UGC 7756 MCG 1-32-110 CGCG 42-168 VCC1624 PGC 41958                               |
| NGC 4546         |      | H160-1 | Glxy SB(s)0-:      | 11.3 MCG -1-32-27 UGC A288 PGC 41939                                                 |
| NGC 4550         |      | H36-1  | Glxy SB0^: sp      | 12.6 UGC 7757 MCG 2-32-147 CGCG 70-182 VCC1619 PGC 41943                             |
| NGC 4551         |      | H37-1  | Glxy E:            | 13 UGC 7759 MCG 2-32-148 CGCG 70-183 VCC1630 PGC 41963                               |
| NGC 4552         | M89  |        | Glxy E0-1          | 10.7 M 89 MCG -2-4-16 PGC 41968                                                      |
| NGC 4554         |      |        | Non-Existent       |                                                                                      |
| NGC 4560         |      | H119-1 | Non-Existent       | (H119-1 is NGC 4526)                                                                 |
| NGC 4564         |      | H68-2  | Glxy E             | 12.1 UGC 7773 MCG 2-32-150 CGCG 70-186 VCC1664 PGC 42051                             |
| NGC 4567         |      | H8-4   | Glxy SA(rs)bc      | 12.1 Siamese Twins PGC 42064                                                         |
| NGC 4568         |      | H9-4   | Glxy SA(rs)bc      | 11.7 UGC 7776 MCG 2-32-152 CGCG 70-188 VV 219 VCC1676 IRAS 12340+1130 PGC 42069      |
| NGC 4569         | M90  |        | Glxy SAB(rs)ab     | 10.3 M 90 ESO 195-35 FAIR294 IRAS 1138-5027 PGC 42089                                |
| NGC 4570         |      | H32-1  | Glxy S0 sp         | 11.8 UGC 7785 MCG 1-32-114 CGCG 42-178 VCC1692 PGC 42096                             |
| NGC 4576         |      |        | Glxy SAB(rs)bc:    | 14.2 UGC 7792 MCG 1-32-116 CGCG 42-182 VCC1721 PGC 42152                             |
| NGC 4577         |      | H13-3  | Non-Existent       | (H13-3 is NGC 4591)                                                                  |
| NGC 4578         |      | H15-2  | Glxy SA(r)0^:      | 12.4 UGC 7793 MCG 2-32-159 CGCG 70-195 VCC1720 PGC 42149                             |
| NGC 4579         | M58  |        | Glxy SAB(rs)b      | 9.6 M 58 UGC 811 MCG 6-3-28 CGCG 520-34 PGC 42168                                    |
| NGC 4580         |      | H124-1 | Glxy SAB(rs)a pec  | 11.8 UGC 7794 MCG 1-32-117 CGCG 42-183 VCC1730 IRAS 12352+538 PGC 42174              |
| NGC 4581         |      |        | Glxy E+            | 13.3 UGC 7801 MCG 0-32-28 CGCG 14-83 PGC 42199                                       |
| NGC 4582         |      |        | Non-Existent       |                                                                                      |
| NGC 4584         |      |        | Glxy SAB(s)a?      | 13.8 UGC 7803 MCG 2-32-162 CGCG 70-199 VCC1757 PGC 42223                             |
| NGC 4586         |      | H125-1 | Glxy SA(s)a: sp    | 12.6 UGC 7804 MCG 1-32-122 CGCG 42-187 VCC1760 IRAS 12359+435 PGC 42241              |
| NGC 4587         |      |        | Glxy SA(r)0^:      | 14.5 UGC 7805 MCG 1-32-123 CGCG 42-188 VCC1763 PGC 42253                             |
| NGC 4588         |      | H98-3  | Glxy Scd:          | 15 UGC 7810 MCG 1-32-124 CGCG 42-189 VCC1772 PGC 42277                               |
| NGC 4591         |      | H504-3 | Glxy S?            | 14 H13-3 NGC 4577 PGC 42319 UGC 7821 MCG 1-32-125 CGCG 42-191 VCC1780 IRAS 12366+617 |
| NGC 4592         |      | H31-2  | Glxy SA(s)dm:      | 12.2 UGC 7819 MCG 0-32-32 CGCG 14-91 IRAS 12367-15 PGC 42336                         |
| NGC 4593         |      | H183-2 | Glxy (R)SB(rs)b    | 11.7 MCG -1-32-32 MK 1330 IRAS 12370-504 PGC 42375                                   |
| NGC 4594         | M104 | H43-1  | Glxy SA(s)a sp     | 9 M 104 Sombrero Galaxy MCG 5-4-11 MK 976 CGCG 502-19 KUG 113+328B PGC 42407         |
| NGC 4596         |      | H24-1  | Glxy SB(r)0+       | 11.4 UGC 7828 MCG 2-32-170 CGCG 70-206 VCC1813 PGC 42401                             |
| NGC 4597         |      | H636-2 | Glxy SB(rs)m       | 12.6 MCG -1-32-34 IRAS 12376-531 PGC 42429                                           |
| NGC 4598         |      | H105-3 | Glxy SB0           | 13.7 UGC 7829 MCG 2-32-171 CGCG 70-207 VCC1827 PGC 42427                             |
| NGC 4599         |      | H509-3 | Glxy SA0/a sp      | 13.6 UGC 7833 MCG 0-32-34 CGCG 14-99 PGC 42453                                       |
| NGC 4600         |      | H577-2 | Glxy S0            | 13.7 UGC 7832 MCG 1-32-128 CGCG 42-198 VCC1834 PGC 42447                             |
| NGC 4602         |      | H184-2 | Glxy SAB(rs)bc     | 12.3 MCG -1-32-36 IRAS 12380-451 PGC 42476                                           |
| NGC 4604         |      |        | Glxy Im: sp        | 13.2 MCG -1-32-37 IRAS 12381-501 PGC 42489                                           |
| NGC 4606         |      | H43-3  | Glxy SB(s)a:       | 12.7 UGC 7839 MCG 2-32-174 CGCG 70-213 VCC1859 IRAS 12384+1211 PGC 42516             |
| NGC 4607         |      |        | Glxy SBb? sp       | 13.8 UGC 7843 MCG 2-32-176 CGCG 70-216 VCC1868 IRAS 12386+1209 PGC 42544             |
| NGC 4608         |      | H69-2  | Glxy SB(r)0^       | 12 UGC 7842 MCG 2-32-177 CGCG 70-214 VCC1869 PGC 42545                               |
| NGC 4610         |      | H19-2  | Non-Existent       | (H19-2 is NGC 4470)                                                                  |

# Virgo - The Virgin

| By NGC/IC Number |     |        |                            |                                                                                      |
|------------------|-----|--------|----------------------------|--------------------------------------------------------------------------------------|
| Catalog          | M   | Her    | Object Type                | Mag Alias/Notes                                                                      |
| NGC 4612         |     | H20-2  | Glxy (R)SAB0 <sup>+</sup>  | 11.9 H148-2 UGC 7850 MCG 1-32-134 CGCG 42-205 VCC1883 PGC 42574                      |
| NGC 4620         |     |        | Glxy S0                    | 13.2 UGC 7859 MCG 2-32-182 CGCG 70-224 VCC1902 PGC 42619                             |
| NGC 4621         | M59 |        | Glxy E5                    | 10.6 M 59 FAIR689 PGC 42628                                                          |
| NGC 4623         |     | H149-2 | Glxy SB0 <sup>+</sup> : sp | 13.2 UGC 7862 MCG 1-32-135 CGCG 42-207 VCC1913 PGC 42647                             |
| NGC 4624         |     |        | Non-Existent               | NGC 4636                                                                             |
| NGC 4626         |     | H772-2 | Glxy SB(s)bc: sp           | 12.7 MCG -1-32-40 IRAS 12398-646 PGC 42680                                           |
| NGC 4628         |     | H773-2 | Glxy SA(s)b: sp            | 14.5 MCG -1-32-41 MK 1333 IRAS 12398-641 PGC 42681                                   |
| NGC 4629         |     |        | Glxy SAB(s)m pec           | 13.8 UGC 7869 MCG 0-32-37 CGCG 14-109 PGC 42692                                      |
| NGC 4630         |     | H532-2 | Glxy IB(s)m?               | 13.2 UGC 7871 MCG 1-32-136 CGCG 42-208 CGCG 43-1 VCC1923 IRAS 12399+414 PGC 42688    |
| NGC 4632         |     | H14-1  | Glxy SAc                   | 12.4 UGC 7870 MCG 0-32-38 CGCG 14-110 UM514 IRAS 12399+11 PGC 42689                  |
| NGC 4636         |     | H38-2  | Glxy E0-1                  | 10.4 NGC 4624 PGC 42734 UGC 7878 MCG 1-32-137 CGCG 43-2 VCC1939                      |
| NGC 4637         |     |        | Glxy S0?                   | 14.8 UGC 7881 MCG 2-32-188 CGCG 71-7 VCC1945 PGC 42744                               |
| NGC 4638         |     | H70-2  | Glxy S0- sp                | 12.1 H176-2 PGC 42728 UGC 7880 MCG 2-32-187 CGCG 70-229 CGCG 71-6 VCC1938            |
| NGC 4639         |     | H125-2 | Glxy SAB(rs)bc             | 12.2 UGC 7884 MCG 2-32-189 CGCG 70-230 CGCG 71-8 VCC1943 IRAS 12403+1331 PGC 42741   |
| NGC 4640         |     |        | Glxy SB?                   | 14.4 UGC 7888 MCG 2-32-190 CGCG 71-9 VCC1949 PGC 42753                               |
| NGC 4640B        |     |        | Glxy S0                    | 16.2                                                                                 |
| NGC 4640A        |     |        | Non-Existent               |                                                                                      |
| NGC 4641         |     |        | Glxy S0                    | 14.2 UGC 7889 MCG 2-32-191 CGCG 71-11 VCC1955 PGC 42769                              |
| NGC 4642         |     | H494-3 | Glxy SAB(rs)bc p sp        | 13.8 UGC 7893 MCG 0-33-4 CGCG 15-7 IRAS 12407-22 PGC 42791                           |
| NGC 4643         |     | H10-1  | Glxy SB(rs)0/a             | 11.7 UGC 7895 MCG 0-33-5 CGCG 15-8 IRAS 12407+215 PGC 42797                          |
| NGC 4647         |     | H44-3  | Glxy SAB(rs)c              | 11.9 UGC 7896 MCG 2-33-1 CGCG 71-15 VV 206 ARP 116 VCC1972 IRAS 12410+1151 PGC 42816 |
| NGC 4649         | M60 |        | Glxy E2                    | 9.8 M 60 ESO 151-39 PGC 42831                                                        |
| NGC 4653         |     | H662-3 | Glxy SAB(rs)cd             | 12.2 UGC 7900 MCG 0-33-6 CGCG 15-9 IRAS 12412-17 PGC 42847                           |
| NGC 4654         |     | H126-2 | Glxy SAB(rs)cd             | 11.1 IC 3708 UGC 7902 MCG 2-33-4 CGCG 71-19 VCC1987 IRAS 12414+1324 PGC 42857        |
| NGC 4658         |     | H558-2 | Glxy SB(s)bc               | 13 MCG -2-33-1 IRAS 12420-948 PGC 42929                                              |
| NGC 4660         |     | H71-2  | Glxy E:                    | 12.2 UGC 7914 MCG 2-33-6 CGCG 71-23 VCC2000 PGC 42917                                |
| NGC 4663         |     |        | Glxy SB(s)0 <sup>+</sup> ? | 14.5 IC 811 PGC 42946 MCG -2-33-2                                                    |
| NGC 4664         |     | H39-2  | Non-Existent               | (H39-2 is NGC 4665) Not Documented                                                   |
| NGC 4665         |     | H142-1 | Glxy SB(s)0/a              | 10.5 H39-2 NGC 4664 PGC 42970 NGC 4665 UGC 7924 MCG 1-33-5 CGCG 43-18                |
| NGC 4666         |     | H15-1  | Glxy SABc:                 | 10.7 UGC 7926 MCG 0-33-8 CGCG 15-15 PGC 42975                                        |
| NGC 4667         |     |        | Non-Existent               |                                                                                      |
| NGC 4668         |     | H663-3 | Glxy SB(s)d:               | 13.6 UGC 7931 MCG 0-33-9 CGCG 15-16 IRAS 12429-15 PGC 42999                          |
| NGC 4671         |     | H774-2 | Glxy E+ pec:               | 14 MCG -1-33-4 MK 1334 PGC 43029                                                     |
| NGC 4674         |     |        | Glxy SAB(s)a pec sp        | 14.2 MCG -1-33-5 PGC 43050                                                           |
| NGC 4678         |     |        | Glxy Sc                    | 13.5 IC 824-2 PGC 43385 MCG -1-33-18 IRAS 12471-418                                  |
| NGC 4680         |     |        | Glxy Pec                   | 13.4 MCG -2-33-7 IRAS 12443-1121 PGC 43118                                           |
| NGC 4682         |     | H523-3 | Glxy SAB(s)cd              | 12.9 MCG -2-33-8 IRAS 12446-947 PGC 43147                                            |
| NGC 4684         |     | H181-2 | Glxy SB(r)0+               | 12.4 UGC 7951 MCG 0-33-11 CGCG 15-19 IRAS 12447-227 PGC 43149                        |
| NGC 4688         |     | H543-3 | Glxy SB(s)cd               | 12.6 UGC 7961 MCG 1-33-13 CGCG 43-28 IRAS 12452+436 PGC 43189                        |
| NGC 4690         |     | H664-3 | Glxy (R')SA0-?             | 13.9 UGC 7964 MCG 0-33-12 CGCG 15-21 PGC 43202                                       |
| NGC 4691         |     | H182-2 | Glxy (R)SB(s)0/a pec       | 11.7 MCG 0-33-13 UGC A299 CGCG 15-23 IRAS 12456-303 PGC 43238                        |
| NGC 4694         |     | H72-2  | Glxy SB0 pec               | 11.4 UGC 7969 MCG 2-33-23 CGCG 71-44 VCC2066 IRAS 12457+1115 PGC 43241               |
| NGC 4697         |     | H39-1  | Glxy E6                    | 10.1 MCG -1-33-10 UGC A300 PGC 43276                                                 |

# Virgo - The Virgin

|           |   | By NGC/IC Number |                   |      |                                                                             |
|-----------|---|------------------|-------------------|------|-----------------------------------------------------------------------------|
| Catalog   | M | Her              | Object Type       | Mag  | Alias/Notes                                                                 |
| NGC 4698  |   | H6-3             | Glxy SA(s)ab      | 11.5 | H8-1 UGC 7970 MCG 2-33-24 M4698 CGCG 71-45 VCC2070 IRAS 12458+845 PGC 43254 |
| NGC 4699  |   | H129-1           | Glxy SAB(rs)b     | 10.4 | MCG -1-33-13 UGC A301 IRAS 12464-823 PGC 43321                              |
| NGC 4700  |   | H524-3           | Glxy SB(s)c? sp   | 12.6 | MCG -2-33-13 IRAS 12465-1108 PGC 43330                                      |
| NGC 4701  |   | H578-2           | Glxy SA(s)cd      | 12.8 | UGC 7975 MCG 1-33-15 CGCG 43-34 IRAS 12466+339 PGC 43331                    |
| NGC 4703  |   | H514-3           | Glxy Sb sp        | 14.5 | MCG -1-33-15 PGC 43342                                                      |
| NGC 4705  |   | H610-3           | Glxy SAB(s)bc: sp | 13.6 | MCG -1-33-16 IRAS 12468-455 PGC 43350                                       |
| NGC 4708  |   | H722-3           | Glxy SA(r)ab pec? | 14.6 | MCG -2-33-16 IRAS 12470-1049 PGC 43382                                      |
| NGC 4713  |   | H140-1           | Glxy SAB(rs)d     | 12.2 | UGC 7985 MCG 1-33-18 CGCG 43-41 IRAS 12474+534 PGC 43413                    |
| NGC 4716  |   |                  | Glxy S0^ pec?     | 14.3 | MCG -1-33-21 PGC 43464                                                      |
| NGC 4717  |   |                  | Glxy SB(rs)a pec? | 15.1 | MCG -1-33-23 PGC 43467                                                      |
| NGC 4718  |   |                  | Glxy SB(rs)b? sp  | 14.7 | MCG -1-33-20 IRAS 12479-500 PGC 43463                                       |
| NGC 4720  |   | H611-3           | Glxy E/S0         | 15   | MCG -1-33-24 IRAS 12481-352 PGC 43478                                       |
| NGC 4731A |   |                  | Glxy Irr          | 11.8 |                                                                             |
| NGC 4731  |   | H41-1            | Glxy SB(s)cd      | 11.9 | MCG -1-33-26 UGC A302 IRAS 12484-607 PGC 43507                              |
| NGC 4733  |   | H73-2            | Glxy E+:          | 11.8 | UGC 7997 MCG 2-33-28 CGCG 71-54 VCC2087 PGC 43516                           |
| NGC 4734  |   |                  | Glxy Sc?          | 14.2 | UGC 7998 MCG 1-33-19 CGCG 43-45 IRAS 12486+507 PGC 43525                    |
| NGC 4739  |   | H515-3           | Glxy E+ pec:      | 13.4 | MCG -1-33-29 PGC 43571                                                      |
| NGC 4742  |   | H133-1           | Glxy E4:          | 12.1 | MCG -2-33-32 UGC A303 IRAS 12490-1009 PGC 43594                             |
| NGC 4746  |   |                  | Glxy Sb: sp       | 13.4 | UGC 8007 MCG 2-33-29 CGCG 71-60 IRAS 12494+1221 PGC 43601                   |
| NGC 4753  |   | H16-1            | Glxy I0           | 10.9 | UGC 8009 MCG 0-33-16 CGCG 15-29 IRAS 12498-55 PGC 43671                     |
| NGC 4754  |   | H25-1            | Glxy SB(r)0-:     | 11.5 | H74-2 UGC 8010 MCG 2-33-30 CGCG 71-62 VCC2092 PGC 43656                     |
| NGC 4757  |   |                  | Glxy S0 sp        | 15.1 | MCG -2-33-40 PGC 43715                                                      |
| NGC 4759  |   | H559-2           | Glxy S0^ pec      | 14   | MCG -1-33-36 Hickson 62B PGC 43754                                          |
| NGC 4759A |   |                  | Non-Existent      |      |                                                                             |
| NGC 4759B |   |                  | Non-Existent      |      |                                                                             |
| NGC 4760  |   |                  | Glxy E0?          | 11.4 | MCG -2-33-41 PGC 43763                                                      |
| NGC 4761  |   |                  | Glxy E+           | 14.8 | MCG -1-33-39 Hickson 62C PGC 43768                                          |
| NGC 4762  |   | H75-2            | Glxy SB(r)0^? sp  | 10.2 | UGC 8016 MCG 2-33-33 CGCG 71-65 VCC2095 PGC 43733                           |
| NGC 4764  |   |                  | Glxy S?           | 16   | Hickson 62D PGC 43760                                                       |
| NGC 4765  |   | H544-3           | Glxy S0/a?        | 13.4 | UGC 8018 MCG 1-33-20 CGCG 43-54 ARAK391 VV 366 IRAS 12507+444 PGC 43775     |
| NGC 4766  |   |                  | Glxy S0 sp        | 15.3 | MCG -2-33-42 PGC 43766                                                      |
| NGC 4768  |   |                  | Non-Existent      |      |                                                                             |
| NGC 4769  |   |                  | Non-Existent      |      |                                                                             |
| NGC 4770  |   | H525-3           | Glxy S0/a:        | 13.8 | MCG -1-33-40 PGC 43804                                                      |
| NGC 4771  |   | H535-2           | Glxy SAd? sp      | 12.9 | UGC 8020 MCG 0-33-17 CGCG 15-31 IRAS 12507+132 PGC 43784                    |
| NGC 4772  |   | H24-2            | Glxy SA(s)a       | 12   | UGC 8021 MCG 0-33-18 CGCG 15-32 PGC 43798                                   |
| NGC 4773  |   | H516-3           | Glxy E+ pec:      | 14.9 | MCG -1-33-41 PGC 43810                                                      |
| NGC 4775  |   | H186-2           | Glxy SA(s)d       | 11.7 | MCG -1-33-43 UGC A306 IRAS 12511-621 PGC 43826                              |
| NGC 4776  |   |                  | Non-Existent      |      | NGC 4759                                                                    |
| NGC 4777  |   | H517-3           | Glxy (R)SAB(s)a:  | 14.5 | MCG -1-33-44 PGC 43852                                                      |
| NGC 4778  |   |                  | Glxy S0+ sp       | 13.5 | MCG -1-33-37 Hickson 62A PGC 43757                                          |
| NGC 4779  |   | H106-3           | Glxy SB(rs)bc     | 13.2 | UGC 8022 MCG 2-33-34 MK 781 CGCG 71-68 IRAS 12513+958 PGC 43837             |
| NGC 4780A |   |                  | Glxy Sb           | 14.8 |                                                                             |
| NGC 4780  |   |                  | Glxy SAB(rs)c     | 14.6 | MCG -1-33-45 IRAS 12515-821 PGC 43870                                       |
| NGC 4781  |   | H134-1           | Glxy SB(rs)d      | 11.7 | MCG -2-33-49 IRAS 12517-1015 PGC 43902                                      |

# Virgo - The Virgin

| By NGC/IC Number |   |        |                      |                                                                           |
|------------------|---|--------|----------------------|---------------------------------------------------------------------------|
| Catalog          | M | Her    | Object Type          | Mag Alias/Notes                                                           |
| NGC 4784         |   | H526-3 | Glxy S0 sp           | 15 MCG -2-33-53 PGC 43929                                                 |
| NGC 4786         |   | H187-2 | Glxy E+ pec          | 12.7 MCG -1-33-46 PGC 43922                                               |
| NGC 4790         |   | H560-2 | Glxy SB(rs)c:?       | 12.8 MCG -2-33-56 IRAS 12522-958 PGC 43972                                |
| NGC 4791         |   |        | Glxy S               | 14.5 MCG 1-33-21 CGCG 43-60 PGC 43950                                     |
| NGC 4795         |   | H21-2  | Glxy (R')SB(r)a pec: | 12.2 NGC 4796 UGC 8037 MCG 1-33-24 CGCG 43-64 PGC 43998                   |
| NGC 4796         |   |        | Non-Existent         | NGC 4795                                                                  |
| NGC 4799         |   | H548-3 | Glxy S?              | 14.3 UGC 8043 MCG 1-33-25 CGCG 43-66 IRAS 12526+310 PGC 44017             |
| NGC 4803         |   |        | Glxy Compact         | 15.4 MCG 2-33-36 CGCG 71-73 CGCG 43-69 PGC 44061                          |
| NGC 4808         |   | H141-1 | Glxy SA(s)cd:        | 12.4 UGC 8054 MCG 1-33-28 CGCG 43-71 IRAS 12532+434 PGC 44086             |
| NGC 4809         |   |        | Glxy Im pec          | 14.4 MCG 1-33-22 CGCG 43-61 UM523 VV 313 ARP 277 IRAS 12523+255 PGC 43969 |
| NGC 4810         |   |        | Glxy Im pec          | 14.9 UGC 8034 MCG 1-33-23 CGCG 43-62 VV 313 ARP 277 PGC 43971             |
| NGC 4813         |   | H777-2 | Glxy S0^             | 14.5 MCG -1-33-55 PGC 44160                                               |
| NGC 4818         |   | H549-2 | Glxy SAB(rs)ab pec:  | 12 MCG -1-33-57 IRAS 12542-815 PGC 44191                                  |
| NGC 4820         |   |        | Glxy S0 sp           | 15.6 MCG -2-33-67 PGC 44227                                               |
| NGC 4822         |   |        | Glxy S0-             | 14.3 MCG -2-33-69 PGC 44236                                               |
| NGC 4823         |   |        | Glxy E               | 17.2 PGC 44299                                                            |
| NGC 4825         |   | H563-2 | Glxy SA0-            | 12.7 MCG -2-33-70 PGC 44261                                               |
| NGC 4829         |   |        | Glxy S0/a            | 17.4 PGC 44305                                                            |
| NGC 4830         |   |        | Glxy SAB0-           | 13.1 ESO 575-37 MCG -3-33-24 PGC 44313                                    |
| NGC 4836         |   |        | Glxy SAB(rs)d pec:   | 13.3 MCG -2-33-72 IRAS 12549-1228 PGC 44328                               |
| NGC 4838         |   |        | Glxy (R')SB(r)b:     | 13.5 MCG -2-33-74 IRAS 12552-1247 PGC 44383                               |
| NGC 4843         |   | H613-3 | Glxy SA(r)0/a?       | 14 MCG 0-33-24 CGCG 15-48 PGC 44388                                       |
| NGC 4844         |   |        | Non-Existent         |                                                                           |
| NGC 4845         |   | H536-2 | Glxy SA(s)ab sp      | 12.1 H3-5? PGC 44392 UGC 8078 MCG 0-33-25 CGCG 15-49 IRAS 12554+150       |
| NGC 4847         |   |        | Glxy E               | 17.7 PGC 44464                                                            |
| NGC 4855         |   |        | Glxy (R')SB(s)0- pec | 13.1 MCG -2-33-77 PGC 44572                                               |
| NGC 4856         |   | H68-1  | Glxy SB(s)0/a        | 11.5 MCG -2-33-78 UGC A313 PGC 44582                                      |
| NGC 4862         |   |        | Glxy SB(s)c          | 15.7 IC 3999 PGC 44610 MCG -2-33-79                                       |
| NGC 4863         |   |        | Glxy SB(rs)0+        | 14.4 MCG -2-33-81 PGC 44650                                               |
| NGC 4866         |   | H162-1 | Glxy SA(r)0+: sp     | 12.1 UGC 8102 MCG 2-33-45 CGCG 71-92 PGC 44600                            |
| NGC 4877         |   | H299-2 | Glxy SA(s)ab:        | 13.2 MCG -2-33-86 IRAS 12577-1500 PGC 44761                               |
| NGC 4878         |   | H758-3 | Glxy SB(r)0+         | 14.5 MCG -1-33-64 PGC 44747                                               |
| NGC 4879         |   | H759-3 | Glxy S               | 15 MCG -1-33-64A VV 680 PGC 44787                                         |
| NGC 4880         |   | H83-3  | Glxy SA(r)0+:        | 12.4 UGC 8109 MCG 2-33-47 CGCG 71-94 PGC 44719                            |
| NGC 4885         |   |        | Glxy Pec             | 13.9 MCG -1-33-65 IRAS 12579-635 PGC 44781                                |
| NGC 4887         |   |        | Glxy SA0+ pec?       | 14.5 MCG -2-33-87 IRAS 12580-1423 PGC 44796                               |
| NGC 4888         |   | H778-2 | Glxy Sab             | 12.8 MCG -1-33-66 PGC 44766                                               |
| NGC 4890         |   | H614-3 | Glxy Sm              | 12.7 MCG -1-33-67 IRAS 12580-420 PGC 44793                                |
| NGC 4891         |   |        | Non-Existent         |                                                                           |
| NGC 4899         |   | H300-2 | Glxy SAB(rs)c:       | 12.6 MCG -2-33-90 IRAS 12583-1340 PGC 44841                               |
| NGC 4900         |   | H143-1 | Glxy SB(rs)c         | 11.9 UGC 8116 MCG 1-33-35 CGCG 43-93 IRAS 12580+246 PGC 44797             |
| NGC 4902         |   | H69-1  | Glxy SB(r)b          | 11.6 MCG -2-33-92 UGC A315 IRAS 12583-1414 PGC 44847                      |
| NGC 4904         |   | H517-2 | Glxy SB(s)cd         | 12.6 UGC 8121 MCG 0-33-26 MK 1341 CGCG 15-55 IRAS 12584+14 PGC 44846      |
| NGC 4910         |   | H3-5   | Non-Existent         | (H3-5 is NGC 4845)                                                        |
| NGC 4915         |   | H47-4  | Glxy E0              | 13 MCG -1-33-69 UGC A318 PGC 44891                                        |
| NGC 4918         |   |        | Glxy SA0+?           | 15.3 PGC 44934                                                            |

# Virgo - The Virgin

| By NGC/IC Number |   |        |                      |                                                                 |
|------------------|---|--------|----------------------|-----------------------------------------------------------------|
| Catalog          | M | Her    | Object Type          | Mag Alias/Notes                                                 |
| NGC 4920         |   |        | Glxy IB(s)m          | 14 IC 4134 PGC 44958 MCG -2-33-94                               |
| NGC 4924         |   |        | Glxy (R')SAB(s)0/a p | 13.5 MCG -2-33-96 IRAS 12595-1442 PGC 44977                     |
| NGC 4925         |   | H779-2 | Glxy S0              | 15.1 MCG -1-33-74 PGC 44967                                     |
| NGC 4928         |   | H190-2 | Glxy SA(s)bc pec     | 13.3 H760-3 MCG -1-33-75 IRAS 13004-749 PGC 45052               |
| NGC 4933         |   | H191-2 | Non-Existent         | (H191-2 is NGC 4933A,B,C ARP 176)                               |
| NGC 4933A        |   | H191-2 | Glxy S0/a pec        | 12.7 NGC 4933 GC 45146 MCG -2-33-102 ARP 176                    |
| NGC 4933B        |   |        | Glxy E pec           | 13.4 PGC 45142 MCG -2-33-101 ARP 176                            |
| NGC 4933C        |   |        | Glxy Sd              | 18.5 MCG -2-33-103 PGC 45143 ARP 176                            |
| NGC 4939         |   | H561-2 | Glxy SA(s)bc         | 11.9 MCG -2-33-104 PGC 45170                                    |
| NGC 4941         |   | H40-1  | Glxy (R)SAB(r)ab:    | 11.9 MCG -1-33-77 UGC A321 IRAS 13016-516 PGC 45165             |
| NGC 4942         |   | H761-3 | Glxy SAB(s)d:        | 14.6 IC 4136 PGC 45177 MCG -1-33-78 IRAS 13017-723              |
| NGC 4948         |   |        | Glxy SB(s)dm: sp     | 15.2 IC 4156 PGC 45224 MCG -1-33-79                             |
| NGC 4948A        |   |        | Glxy SB(s)dm         | 13.9 MCG -1-33-80 DDO162 PGC 45242                              |
| NGC 4951         |   | H188-2 | Glxy SAB(rs)cd:      | 12.6 MCG -1-33-81 IRAS 13025-613 PGC 45246                      |
| NGC 4958         |   | H130-1 | Glxy SB(r)0? sp      | 11.6 MCG -1-33-84 UGC A323 PGC 45313                            |
| NGC 4969         |   |        | Glxy E/S0            | 14.9 MCG 2-33-55 CGCG 72-4 PGC 45425                            |
| NGC 4975         |   |        | Glxy SAB(rs)0^ pec?  | 15.5 MCG -1-34-2 PGC 45492                                      |
| NGC 4981         |   | H189-2 | Glxy SAB(r)bc        | 12.1 MCG -1-34-3 IRAS 13062-630 PGC 45574                       |
| NGC 4982         |   |        | Non-Existent         |                                                                 |
| NGC 4984         |   | H301-2 | Glxy (R)SAB(rs)0+    | 12.3 MCG -2-34-4 IRAS 13062-1514 2SZ6 PGC 45585                 |
| NGC 4989         |   | H185-2 | Glxy S0^:            | 13.6 MCG -1-34-5 PGC 45606                                      |
| NGC 4990         |   |        | Glxy S0 pec?         | 14.5 MCG -1-34-4 MK 1344 IRAS 13067-500 PGC 45608               |
| NGC 4991         |   |        | Glxy Sb              | 15.5 CGCG 44-13 PGC 45604                                       |
| NGC 4992         |   |        | Glxy Sa              | 14.3 UGC 8232 MCG 2-34-1 CGCG 72-6 PGC 45593                    |
| NGC 4994         |   |        | Non-Existent         | NGC 4993 PGC 45623 ESO 575-65                                   |
| NGC 4995         |   | H42-1  | Glxy SAB(rs)b        | 12 MCG -1-34-7 UGC A329 IRAS 13070-734 PGC 45643                |
| NGC 4996         |   |        | Glxy (R)SB0+         | 13.6 UGC 8235 MCG 0-34-9 CGCG 16-11 PGC 45629                   |
| NGC 4997         |   |        | Glxy S0-             | 13.5 MCG -3-34-5 PGC 45667                                      |
| NGC 4999         |   | H537-2 | Glxy SB(r)b          | 12.6 UGC 8236 MCG 0-34-10 CGCG 16-12 IRAS 13069+156 PGC 45632   |
| NGC 5006         |   |        | Glxy (R)SB(r)0+      | 13.3 ESO 576-6 MCG -3-34-11 PGC 45806                           |
| NGC 5010         |   |        | Glxy S0+ pec sp      | 13.4 MCG -3-34-15 IRAS 13097-1531 2SZ8 PGC 45868                |
| NGC 5013         |   |        | Glxy Sbc             | 15 MCG 1-34-7 CGCG 44-24 PGC 45838                              |
| NGC 5015         |   | H637-2 | Glxy (R)SB(r)a:      | 12.9 MCG -1-34-12 IRAS 13097-404 PGC 45862                      |
| NGC 5017         |   | H669-3 | Glxy E+?             | 12.6 MCG -3-34-16 PGC 45900                                     |
| NGC 5018         |   | H746-2 | Glxy E3:             | 11.7 ESO 576-10 MCG -3-34-17 UGC A335 IRAS 13103-1915 PGC 45908 |
| NGC 5019         |   | H545-3 | Glxy SB?             | 14.5 UGC 8288 MCG 1-34-9 CGCG 44-27 IRAS 13101+459 PGC 45885    |
| NGC 5020         |   | H129-2 | Glxy SAB(rs)bc       | 12.5 UGC 8289 MCG 2-34-3 CGCG 72-24 IRAS 13102+1251 PGC 45883   |
| NGC 5022         |   |        | Glxy SBb pec sp      | 13.7 MCG -3-34-21 PGC 45952                                     |
| NGC 5027         |   |        | Glxy SB(r)b:         | 14.2 UGC 8297 MCG 1-34-10 CGCG 44-28 IRAS 13108+619 PGC 45936   |
| NGC 5028         |   |        | Glxy E6              | 13.7 MCG -2-34-11 PGC 45976                                     |
| NGC 5030         |   |        | Glxy SB(r)0+?        | 13.2 MCG -3-34-23 PGC 45991                                     |
| NGC 5031         |   |        | Glxy S0+: sp         | 14.4 MCG -3-34-24 PGC 46006                                     |
| NGC 5035         |   |        | Glxy SAB(r)0+        | 12.8 MCG -3-34-28 PGC 46068                                     |
| NGC 5036         |   |        | Glxy S0-: pec?       | 15.6 PGC 46057                                                  |
| NGC 5037         |   | H510-2 | Glxy SA(s)a:         | 12.2 MCG -3-34-29 IRAS 13123-1619 PGC 46078                     |
| NGC 5038         |   |        | Glxy S0: sp          | 13.1 MCG -3-34-31 IRAS 13123-1541 PGC 46081                     |

# Virgo - The Virgin

| By NGC/IC Number |   |        |                    |                                                                       |
|------------------|---|--------|--------------------|-----------------------------------------------------------------------|
| Catalog          | M | Her    | Object Type        | Mag Alias/Notes                                                       |
| NGC 5039         |   |        | Glxy Sa? pec       | 15.2 PGC 46064                                                        |
| NGC 5044         |   | H511-2 | Glxy E0            | 11.8 MCG -3-34-34 UGC A341 PGC 46115                                  |
| NGC 5046         |   |        | Glxy E?            | 13.9 MCG -3-34-35 PGC 46141                                           |
| NGC 5047         |   | H670-3 | Glxy S0 sp         | 13.5 MCG -3-34-36 PGC 46150                                           |
| NGC 5049         |   | H512-2 | Glxy S0 sp         | 13 MCG -3-34-37 UGC A343 PGC 46166                                    |
| NGC 5050         |   |        | Glxy S0/a          | 14.7 UGC 8329 MCG 1-34-12 CGCG 44-43 PGC 46138                        |
| NGC 5054         |   | H513-2 | Glxy SA(s)bc       | 10.8 MCG -3-34-39 UGC A344 IRAS 13142-1622 PGC 46247                  |
| NGC 5058         |   |        | Glxy S?            | 14.6 UGC 8345 MCG 2-34-6 MK 786 CGCG 72-42 PGC 46241                  |
| NGC 5059         |   |        | Glxy Sc            | 15.6 UGC 8344 CGCG 44-50 PGC 46244                                    |
| NGC 5060         |   |        | Glxy SB(s)b        | 14.1 UGC 8351 MCG 1-34-15 CGCG 44-53 IRAS 13147+618 PGC 46278         |
| NGC 5066         |   |        | Glxy Sa            | 13.5                                                                  |
| NGC 5067         |   |        | Non-Existent       |                                                                       |
| NGC 5068         |   | H312-2 | Glxy SAB(rs)cd     | 10.7 ESO 576-29 MCG -3-34-46 UGC A345 PGC 46400                       |
| NGC 5069         |   |        | Non-Existent       | NGC 5066 PGC 46360 MCG -2-34-20                                       |
| NGC 5070         |   |        | Glxy S0/a          | 15.5 NGC 5072 PGC 46437 MCG -2-34-23                                  |
| NGC 5071         |   |        | Glxy               | 15.5 CGCG 44-62 PGC 46375                                             |
| NGC 5072         |   |        | Non-Existent       | NGC 5070 PGC 46432 MCG -2-34-22                                       |
| NGC 5073         |   | H282-3 | Glxy SB(s)c? sp    | 13.1 MCG -2-34-25 UGC A346 IRAS 13167-1435 PGC 46441                  |
| NGC 5075         |   |        | Glxy               | 15.1 CGCG 44-65 PGC 46424                                             |
| NGC 5076         |   | H117-3 | Glxy SB(rs)0+      | 14 MCG -2-34-26 PGC 46453                                             |
| NGC 5077         |   | H193-2 | Glxy E3-4          | 11.3 MCG -2-34-27 UGC A347 PGC 46456                                  |
| NGC 5079         |   | H118-3 | Glxy SB(rs)bc pec: | 13.8 MCG -2-34-30 IRAS 13169-1226 PGC 46473                           |
| NGC 5080         |   |        | Glxy E/S0          | 14.6 MCG 2-34-7 CGCG 72-46 PGC 46440                                  |
| NGC 5084         |   | H313-2 | Glxy S0 sp         | 11.6 ESO 576-33 MCG -4-32-4 PGC 46525                                 |
| NGC 5087         |   | H724-3 | Glxy SA0:          | 12.4 ESO 576-35 MCG -3-34-50 UGC A350 IRAS 13177-2021 PGC 46541       |
| NGC 5088         |   |        | Glxy SAB(s)bc:     | 13.2 MCG -2-34-34 IRAS 13176-1218 PGC 46535                           |
| NGC 5094         |   | H539-3 | Glxy E             | 14.2 MCG -2-34-37 PGC 46580                                           |
| NGC 5095         |   |        | Glxy (R')SB(r)0+:  | 14.7 UGC 8381 MCG 0-34-29 CGCG 16-54 PGC 46561                        |
| NGC 5097         |   |        | Glxy E             | 16.5 2SZ37 PGC 46602                                                  |
| NGC 5099         |   |        | Glxy E             | 15.6 PGC 46627                                                        |
| NGC 5100         |   | H22-2  | Glxy Sc            | 15.1 PGC 46599 UGC 8389 MCG 2-34-9 CGCG 72-50 IRAS 13184+914          |
| NGC 5104         |   |        | Glxy Sa:           | 14.6 UGC 8391 MCG 0-34-31 CGCG 16-57 IRAS 13188+36 PGC 46633          |
| NGC 5105         |   |        | Glxy SB(rs)c       | 11.7 MCG -2-34-39 IRAS 13191-1256 PGC 46664                           |
| NGC 5106         |   | H22-2  | Non-Existent       | (H22-2 is NGC 5100)                                                   |
| NGC 5110         |   |        | Glxy E             | PGC 46719                                                             |
| NGC 5111         |   | H119-3 | Glxy S0            | 12.7 PGC 46737 MCG -2-34-41                                           |
| NGC 5115         |   |        | Glxy SBcd:         | 14.4 UGC 8408 MCG 2-34-10 CGCG 72-57 PGC 46754                        |
| NGC 5118         |   | H925-3 | Glxy Scd:          | 14.4 IC 4236 PGC 46782 UGC 8413 MCG 1-34-19 CGCG 44-78 IRAS 13209+639 |
| NGC 5119         |   |        | Glxy S0/a          | 13 MCG -2-34-42 PGC 46826                                             |
| NGC 5122         |   |        | Glxy Sc            | 13.8 MCG -2-34-43 2SZ43 PGC 46848                                     |
| NGC 5125         |   |        | Glxy Sb            | 13.2 UGC 8421 MCG 2-34-11 CGCG 72-62 IRAS 13214+958 PGC 46827         |
| NGC 5129         |   | H653-2 | Glxy E             | 13 UGC 8423 MCG 2-34-12 CGCG 72-65 PGC 46836                          |
| NGC 5130         |   |        | Glxy S0            | 14.5 MCG -2-34-44 PGC 46866                                           |
| NGC 5132         |   |        | Glxy (R)SB(r)0+:   | 13.9 UGC 8428 MCG 2-34-14 CGCG 72-68 IRAS 13219+1421 PGC 46868        |
| NGC 5133         |   |        | Glxy E/S0          | 12.6 MCG -1-34-15 IRAS 13222-346 PGC 46909                            |
| NGC 5134         |   | H314-2 | Glxy SA(s)b?       | 12.1 ESO 576-52 MCG -3-34-73 IRAS 13225-2052 PGC 46938                |

# Virgo - The Virgin

|          |   |        |                      | By NGC/IC Number |                                                                                                                                   |
|----------|---|--------|----------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Catalog  | M | Her    | Object Type          | Mag              | Alias/Notes                                                                                                                       |
| NGC 5136 |   | H84-3  | Glxy                 | 15               | IC 888 PGC 46905 MCG 2-34-15 CGCG 72-70 ARAK416 IRAS 13223+1359                                                                   |
| NGC 5137 |   |        | Glxy                 | 15.6             | CGCG 72-71 PGC 46907                                                                                                              |
| NGC 5146 |   | H115-3 | Glxy E/S0            | 13.1             | MCG -2-34-49 PGC 47055                                                                                                            |
| NGC 5147 |   | H25-2  | Glxy SB(s)dm         | 12.3             | UGC 8443 MCG 0-34-33 CGCG 16-69 IRAS 13237+221 PGC 47027                                                                          |
| NGC 5148 |   |        | Glxy SB(s)d?         | 14.8             | MCG 1-34-21 CGCG 44-86 PGC 47060                                                                                                  |
| NGC 5159 |   |        | Glxy Sd              | 14.8             | UGC 8460 MCG 1-34-22 CGCG 44-88 PGC 47235                                                                                         |
| NGC 5160 |   |        | Non-Existent         |                  |                                                                                                                                   |
| NGC 5162 |   |        | Glxy S0              | 15.1             | NGC 5174 PGC 47318 UGC 8472 CGCG 72-84                                                                                            |
| NGC 5165 |   |        | Glxy L               | 14.6             | MCG 2-34-16 CGCG 72-78 PGC 47281                                                                                                  |
| NGC 5167 |   |        | Glxy Sc              | 14.6             | MCG 2-34-17 CGCG 72-80 IRAS 13261+1258 PGC 47277                                                                                  |
| NGC 5170 |   | H22-5  | Glxy SA(s)c: sp      | 12.1             | MCG -3-34-84 UGC A360 PGC 47396                                                                                                   |
| NGC 5171 |   |        | Glxy S0-:            | 12.7             | UGC 8476 MCG 2-34-20 CGCG 72-89 PGC 47339                                                                                         |
| NGC 5174 |   | H45-3  | Glxy Scd:            | 13.2             | H46-3 NGC 5175 PGC 47346 UGC 8475 CGCG 72-87 MCG +2-34-18 IRAS 13269+1115<br>(H45-3 is NGC 5174 NGC 5175 is the single * in 5174) |
| NGC 5175 |   | H45-3  | Non-Existent         |                  |                                                                                                                                   |
| NGC 5176 |   |        | Glxy E               | 15.4             | MCG 2-34-21 CGCG 72-90 PGC 47338                                                                                                  |
| NGC 5177 |   |        | Glxy Sb              | 15.6             | MCG 2-34-19 CGCG 72-91 PGC 47337                                                                                                  |
| NGC 5178 |   |        | Glxy S(r)0/a         | 14.8             | UGC 8478 MCG 2-34-22 CGCG 72-93 PGC 47358                                                                                         |
| NGC 5179 |   |        | Glxy Sb              | 15               | MCG 2-34-23 MK 1349 CGCG 72-94 PGC 47363                                                                                          |
| NGC 5181 |   |        | Glxy S0              | 14.6             | MCG 2-34-24 CGCG 72-98 PGC 47373                                                                                                  |
| NGC 5183 |   | H679-2 | Glxy Sb pec          | 13.5             | UGC 8485 MCG 0-34-39 CGCG 16-79 IRAS 13275-127 PGC 47432                                                                          |
| NGC 5184 |   | H680-2 | Glxy SAB(r)c         | 13.3             | UGC 8487 MCG 0-34-41 CGCG 16-81 PGC 47438                                                                                         |
| NGC 5185 |   | H642-3 | Glxy Sb              | 14.1             | UGC 8488 MCG 2-34-25 CGCG 72-104 PGC 47422                                                                                        |
| NGC 5186 |   |        | Glxy                 | 15.6             | CGCG 72-103 PGC 47426                                                                                                             |
| NGC 5191 |   |        | Glxy Sb              | 15               | MCG 2-34-26 CGCG 73-3 PGC 47498                                                                                                   |
| NGC 5192 |   |        | Glxy Sa?             | 15.5             | CGCG 17-1 PGC 47503                                                                                                               |
| NGC 5196 |   |        | Glxy S0-             | 15               | CGCG 17-2 PGC 47540                                                                                                               |
| NGC 5197 |   |        | Glxy S0/a            | 15.5             | CGCG 17-3 PGC 47546                                                                                                               |
| NGC 5200 |   |        | Non-Existent         |                  |                                                                                                                                   |
| NGC 5202 |   |        | Glxy Sb:             | 15.3             | CGCG 17-10 PGC 47589                                                                                                              |
| NGC 5203 |   | H507-3 | Glxy S0- sp          | 13.3             | MCG -1-35-1 PGC 47610                                                                                                             |
| NGC 5207 |   | H643-3 | Glxy SAB(r)b         | 14               | UGC 8518 MCG 2-35-1 CGCG 73-18 PGC 47612                                                                                          |
| NGC 5208 |   | H9-3   | Glxy S0              | 14.1             | UGC 8519 MCG 1-35-1 CGCG 45-7 PGC 47637                                                                                           |
| NGC 5209 |   | H10-3  | Glxy E               | 14               | UGC 8522 MCG 1-35-2 CGCG 45-9 PGC 47654                                                                                           |
| NGC 5210 |   | H99-3  | Glxy Sa              | 13.9             | UGC 8523 MCG 1-35-3 CGCG 45-10 PGC 47678                                                                                          |
| NGC 5211 |   |        | Glxy (R')SAB(rs)ab p | 13.2             | UGC 8530 MCG 0-35-9 CGCG 17-21 IRAS 13305-46 PGC 47709                                                                            |
| NGC 5212 |   |        | Glxy                 | 15.5             | CGCG 45-8 PGC 47640                                                                                                               |
| NGC 5213 |   |        | Glxy SBb             | 14.5             | UGC 8552 MCG 1-35-8 CGCG 45-28 VV 18 IRAS 13321+423 PGC 47842                                                                     |
| NGC 5221 |   | H86-3  | Glxy Sb:             | 13.8             | UGC 8559 MCG 2-35-6 CGCG 73-40 VV 315 ARP 288 8ZW325 PGC 47869                                                                    |
| NGC 5222 |   | H85-3  | Glxy E               | 14.1             | UGC 8558 MCG 2-35-5 CGCG 73-39 VV 315 ARP 288 PGC 47871                                                                           |
| NGC 5224 |   | H926-3 | Glxy S               | 15               | MCG 1-35-9 CGCG 45-30 PGC 47884                                                                                                   |
| NGC 5226 |   |        | Glxy                 |                  | PGC 47877                                                                                                                         |
| NGC 5227 |   | H928-3 | Glxy (R')SB(r)b      | 13.7             | UGC 8566 MCG 0-35-10 CGCG 17-29 IRAS 13328+140 PGC 47915                                                                          |
| NGC 5230 |   | H87-3  | Glxy SA(s)c          | 12.8             | UGC 8573 MCG 2-35-9 CGCG 73-43 IRAS 13330+1355 PGC 47932                                                                          |
| NGC 5231 |   |        | Glxy SBa             | 14.3             | UGC 8574 MCG 1-35-11 CGCG 45-34 IRAS 13332+315 PGC 47953                                                                          |
| NGC 5232 |   |        | Glxy SA(rs)0/a:      | 13.9             | MCG -1-35-3 IRAS 13335-814 PGC 47998                                                                                              |
| NGC 5235 |   | H100-3 | Glxy SB              | 14.8             | UGC 8582 MCG 1-35-12 CGCG 45-36 IRAS 13335+650 PGC 47984                                                                          |



# Virgo - The Virgin

| By NGC/IC Number |   |        |                    |                                                                    |
|------------------|---|--------|--------------------|--------------------------------------------------------------------|
| Catalog          | M | Her    | Object Type        | Mag Alias/Notes                                                    |
| NGC 5241         |   |        | Glxy SB(rs)ab:     | 15 MCG -1-35-6 IRAS 13340-808 PGC 48043                            |
| NGC 5242         |   |        | Non-Existent       |                                                                    |
| NGC 5245         |   |        | Glxy               | 15.3 CGCG 45-48 PGC 48110                                          |
| NGC 5246         |   |        | Glxy (R')SB(s)b    | 14.4 UGC 8612 MCG 1-35-17 CGCG 45-50 IRAS 13349+421 PGC 48128      |
| NGC 5247         |   | H297-2 | Glxy SA(s)bc       | 10.5 ESO 577-14 MCG -3-35-11 UGC A368 IRAS 13353-1737 PGC 48171    |
| NGC 5252         |   | H505-3 | Glxy S0            | 14 UGC 8622 MCG 1-35-22 CGCG 45-56 VV 100 PGC 48189                |
| NGC 5254         |   |        | Glxy SA(rs)c:      | 13.1 MCG -2-35-12 IRAS 13369-1114 PGC 48307                        |
| NGC 5257         |   | H895-2 | Glxy SAB(s)b pec   | 12.9 UGC 8641 MCG 0-35-15 CGCG 17-55 UM598 VV 55 ARP 240 PGC 48330 |
| NGC 5258         |   | H896-2 | Glxy SA(s)b: pec   | 12.9 UGC 8645 MCG 0-35-16 CGCG 17-56 VV 55 ARP 240 PGC 48338       |
| NGC 5261         |   |        | Glxy               | 15.3 CGCG 45-67 PGC 48360                                          |
| NGC 5268         |   |        | Non-Existent       |                                                                    |
| NGC 5270         |   |        | Glxy (R')SB(s)b    | 14.3 UGC 8673 MCG 1-35-31 CGCG 45-75 PGC 48527                     |
| NGC 5285         |   |        | Glxy E+ pec        | 14.9 CGCG 17-65 PGC 48688                                          |
| NGC 5300         |   | H533-2 | Glxy SAB(r)c       | 12.1 UGC 8727 MCG 1-35-38 CGCG 45-108 IRAS 13457+411 PGC 48959     |
| NGC 5306         |   | H306-2 | Glxy S0 pec?       | 13.1 MCG -1-35-14 VV 135 Hickson 67A PGC 49039                     |
| NGC 5309         |   |        | Non-Existent       |                                                                    |
| NGC 5310         |   |        | Non-Existent       | STAR ESO 296-28 MCG -7-4-5 PGC 49167                               |
| NGC 5317         |   |        | Glxy               |                                                                    |
| NGC 5324         |   | H307-2 | Glxy SA(rs)c:      | 12.4 MCG -1-35-16 IRAS 13494-548 PGC 49236                         |
| NGC 5327         |   | H685-2 | Glxy SAB(rs)b:     | 13.4 UGC 8768 MCG 0-35-21 CGCG 17-78 IRAS 13494-157 PGC 49234      |
| NGC 5329         |   | H549-3 | Glxy E:            | 13.4 UGC 8771 MCG 1-35-44 CGCG 45-121 PGC 49248                    |
| NGC 5331A        |   | H929-3 | Glxy Double System | 14.9 UGC 8774 MCG 0-35-22 CGCG 17-82 VV 253 PGC 49264              |
| NGC 5334         |   | H665-3 | Glxy SB(rs)c:      | 12 IC 4338 PGC 49308 UGC 8790 MCG 0-35-24 CGCG 17-88 IRAS 13502-51 |
| NGC 5335         |   |        | Glxy SB(r)b        | 13.6 UGC 8791 MCG 1-35-46 CGCG 45-129 PGC 49310                    |
| NGC 5338         |   |        | Glxy SB0:          | 13.4 UGC 8800 MCG 1-35-48 CGCG 45-132 PGC 49353                    |
| NGC 5339         |   |        | Glxy SB(rs)a pec   | 16.5 MCG -1-35-18 MK 1363 IRAS 13513-741 PGC 49388                 |
| NGC 5343         |   | H308-2 | Glxy SA(r)0-?      | 13.5 MCG -1-35-19 PGC 49412                                        |
| NGC 5345         |   | H686-2 | Glxy SA(r)a pec:   | 13.3 UGC 8820 MCG 0-35-26 CGCG 17-94 IRAS 13516-111 PGC 49415      |
| NGC 5348         |   |        | Glxy SBbc: sp      | 13.9 UGC 8821 MCG 1-35-51 CGCG 45-137 PGC 49411                    |
| NGC 5356         |   | H506-3 | Glxy SABbc: sp     | 13.4 UGC 8831 MCG 1-35-52 CGCG 46-1 IRAS 13524+534 PGC 49468       |
| NGC 5360         |   |        | Glxy I0            | 14.1 UGC 8838 MCG 1-36-1 CGCG 46-3 PGC 49513                       |
| NGC 5363         |   | H6-1   | Glxy I0?           | 11.1 UGC 8847 MCG 1-36-2 CGCG 46-7 IRAS 13536+529 PGC 49547        |
| NGC 5364         |   | H534-2 | Glxy SA(rs)bc pec  | 11.2 PGC 49555 UGC 8853 MCG 1-36-3 CGCG 46-9 IRAS 13536+515        |
| NGC 5366         |   |        | Glxy (R')SB(rs)0+? | 14.7 MCG 0-36-2 CGCG 18-7 IRAS 13538+0 PGC 49569                   |
| NGC 5369         |   | H285-3 | Glxy E             | 14.6 PGC 49583                                                     |
| NGC 5373         |   |        | Glxy C             | 15.2 CGCG 46-14 PGC 49620                                          |
| NGC 5374         |   | H889-2 | Glxy SB(r)bc?      | 13.3 UGC 8874 MCG 1-36-4 CGCG 46-16 IRAS 13549+620 PGC 49650       |
| NGC 5382         |   | H546-3 | Glxy S0            | 13.5 UGC 8885 MCG 1-36-7 CGCG 46-22 PGC 49711                      |
| NGC 5384         |   |        | Glxy S0            | 14.1 UGC 8886 MCG 1-36-8 CGCG 46-23 ARAK434 PGC 49707              |
| NGC 5386         |   | H547-3 | Glxy S0/a          | 14.2 UGC 8890 MCG 1-36-10 CGCG 46-24 IRAS 13558+634 PGC 49719      |
| NGC 5387         |   |        | Glxy Sbc: sp       | 14.6 UGC 8891 MCG 1-36-11 CGCG 46-26 IRAS 13559+618 PGC 49724      |
| NGC 5388         |   |        | Non-Existent       |                                                                    |
| NGC 5392         |   | H666-3 | Glxy S0+?          | 14.4 MCG 0-36-5 CGCG 18-13 PGC 49792                               |
| NGC 5400         |   | H667-3 | Glxy (R')S0-?      | 13.9 MCG 0-36-8 CGCG 18-20 PGC 49869                               |
| NGC 5404         |   |        | Non-Existent       |                                                                    |
| NGC 5420         |   |        | Glxy Sb:           | 13.5 MCG -2-36-6 IRAS 14012-1422 PGC 50121                         |

# Virgo - The Virgin

|           |   | By NGC/IC Number |                      |      |                                                                  |
|-----------|---|------------------|----------------------|------|------------------------------------------------------------------|
| Catalog   | M | Her              | Object Type          | Mag  | Alias/Notes                                                      |
| NGC 5426  |   | H309-2           | Glxy SA(s)c pec      | 12.7 | MCG -1-36-4 UGC A380 VV 21 ARP 271 PGC 50083                     |
| NGC 5427  |   | H310-2           | Glxy SA(s)c pec      | 11.9 | MCG -1-36-3 UGC A381 VV 21 ARP 271 IRAS 14008-547 PGC 50084      |
| NGC 5428  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5429  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5432  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5435  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5442  |   |                  | Glxy SB(s)b pec?     | 14.5 | MCG -1-36-6 VV 691 PGC 50189                                     |
| NGC 5465  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5467  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5468  |   | H286-3           | Glxy SAB(rs)cd       | 13   | MCG -1-36-7 UGC A384 IRAS 14039-512 PGC 50323                    |
| NGC 5470  |   |                  | Glxy Sb              | 14.2 | UGC 9020 MCG 1-36-19 CGCG 46-50 IRAS 14040+615 PGC 50317         |
| NGC 5472  |   |                  | Glxy SA(r)ab? sp     | 15.1 | MCG -1-36-8 IRAS 14042-513 PGC 50345                             |
| NGC 5476  |   | H287-3           | Glxy SAB(rs)dm?      | 13   | MCG -1-36-9 IRAS 14055-551 PGC 50429                             |
| NGC 5478  |   | H762-3           | Glxy SAB(s)bc        | 14.4 | UGC 9034 MCG 0-36-19 CGCG 18-55 UM636 IRAS 14055-127 PGC 50430   |
| NGC 5491A |   |                  | Glxy Sb              | 13.1 |                                                                  |
| NGC 5491B |   |                  | Glxy C               | 15.7 |                                                                  |
| NGC 5491  |   | H890-2           | Glxy S?              | 13.8 | UGC 9072 MCG 1-36-22 CGCG 46-63 IRAS 14084+636 PGC 50630         |
| NGC 5493  |   | H46-4            | Glxy S0 pec sp       | 12.3 | MCG -1-36-13 UGC A386 PGC 50670                                  |
| NGC 5496  |   |                  | Glxy Sd: sp          | 12.7 | UGC 9079 MCG 0-36-26 CGCG 18-74 IRAS 14090-55 KARA615 PGC 50676  |
| NGC 5501  |   |                  | Glxy (R')SA(r)0+?    | 14.5 | MCG 0-36-27 CGCG 18-78 PGC 50724                                 |
| NGC 5506  |   | H687-2           | Glxy Sa pec sp       | 12.8 | MCG 0-36-28 UGC A387 MK 1376 CGCG 18-81 IRAS 14106-258 PGC 50782 |
| NGC 5507  |   | H49-4            | Glxy SAB(r)0^        | 13.5 | MCG 0-36-29 UGC A388 CGCG 18-82 PGC 50786                        |
| NGC 5510  |   |                  | Glxy IB(s)m pec:     | 13.5 | ESO 579-3 MCG -3-36-10 IRAS 14108-1744 PGC 50807                 |
| NGC 5521  |   |                  | Glxy S?              | 14.7 | UGC 9122 MCG 1-36-30 CGCG 46-77 ARAK443 PGC 50931                |
| NGC 5534  |   |                  | Glxy (R')SAB(s)ab p: | 13   | MCG -1-36-14 MK 1379 VV 615 IRAS 14150-711 PGC 51055             |
| NGC 5537  |   |                  | Glxy Sb              | 15.1 | MCG 1-36-32 CGCG 46-82 IRAS 14151+717 PGC 51047                  |
| NGC 5549  |   | H552-3           | Glxy S0              | 13.9 | UGC 9156 MCG 1-36-36 CGCG 47-1 PGC 51118                         |
| NGC 5551  |   |                  | Glxy                 | 15.3 | MCG 1-36-37 CGCG 47-3 IRAS 14164+540 PGC 51139                   |
| NGC 5552  |   |                  | Glxy                 | 15.2 | NGC 5558 PGC 51140 CGCG 47-4                                     |
| NGC 5554  |   |                  | Glxy                 | 15.2 | NGC 5564 PGC 51160 CGCG 47-6                                     |
| NGC 5555  |   |                  | Glxy Sb              | 15.7 | ESO 579-15 MCG -3-36-11 IRAS 14160-1854 PGC 51124                |
| NGC 5558  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5560  |   | H579-2           | Glxy SB(s)b pec      | 12.4 | UGC 9172 MCG 1-37-1 CGCG 47-10 ARP 286 IRAS 14175+413 PGC 51223  |
| NGC 5563  |   |                  | Glxy                 | 15.3 | CGCG 47-11 PGC 51226                                             |
| NGC 5564  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5565  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5566  |   | H144-1           | Glxy SB(r)ab         | 11.5 | UGC 9175 MCG 1-37-2 CGCG 47-12 ARP 286 IRAS 14178+409 PGC 51233  |
| NGC 5569  |   |                  | Glxy SAB(rs)cd:      | 13.9 | UGC 9176 MCG 1-37-3 CGCG 47-13 ARP 286 PGC 51241                 |
| NGC 5573  |   |                  | Glxy S               | 15.1 | MCG 1-37-5 CGCG 47-16 PGC 51257                                  |
| NGC 5574  |   | H145-1           | Glxy SB0:-? sp       | 12.4 | UGC 9181 MCG 1-37-6 CGCG 47-18 PGC 51270                         |
| NGC 5575  |   |                  | Glxy S0              | 14.3 | NGC 5578 PGC 51272 UGC 9184 MCG 1-37-8 CGCG 47-21                |
| NGC 5576  |   | H146-1           | Glxy E3              | 11   | UGC 9183 MCG 1-37-7 CGCG 47-20 PGC 51275                         |
| NGC 5577  |   |                  | Glxy SA(rs)bc:       | 13.1 | UGC 9187 MCG 1-37-9 CGCG 47-22 IRAS 14187+339 PGC 51286          |
| NGC 5578  |   |                  | Non-Existent         |      |                                                                  |
| NGC 5584  |   |                  | Glxy SAB(rs)cd       | 12.1 | UGC 9201 MCG 0-37-1 CGCG 19-8 IRAS 14198-9 KARA626 PGC 51344     |
| NGC 5599  |   | H927-3           | Glxy Sb              | 14.4 | UGC 9218 MCG 1-37-10 CGCG 47-30 IRAS 14213+647 PGC 51423         |

# Virgo - The Virgin

|           |   |        |                    | By NGC/IC Number |                                       |             |                |                |                |                |
|-----------|---|--------|--------------------|------------------|---------------------------------------|-------------|----------------|----------------|----------------|----------------|
| Catalog   | M | Her    | Object Type        | Mag              | Alias/Notes                           |             |                |                |                |                |
| NGC 5604  |   | H668-3 | Glxy Sa pec?       | 13.5             | MCG 0-37-3                            | CGCG 19-16  | IRAS 14221-259 | PGC 51471      |                |                |
| NGC 5618  |   | H763-3 | Glxy SB(rs)c       | 14.1             | UGC 9250                              | MCG 0-37-5  | CGCG 19-26     | PGC 51603      |                |                |
| NGC 5619A |   |        | Non-Existent       |                  |                                       |             |                |                |                |                |
| NGC 5619C |   |        | Glxy Sbc           | 14.3             |                                       |             |                |                |                |                |
| NGC 5619  |   |        | Glxy SAB(rs)b      | 13.4             | UGC 9255                              | MCG 1-37-12 | CGCG 47-44     | VV 408         | IRAS 14248+501 | PGC 51610      |
| NGC 5619B |   |        | Non-Existent       |                  |                                       |             |                |                |                |                |
| NGC 5632  |   |        | Non-Existent       |                  | STAR CGCG 459-71 PGC 51693            |             |                |                |                |                |
| NGC 5634  |   | H70-1  | Globular IV        | 9.5              |                                       |             |                |                |                |                |
| NGC 5636  |   | H580-2 | Glxy SAB(r)0+      | 13.7             | UGC 9304                              | MCG 1-37-17 | CGCG 47-62     | PGC 51785      |                |                |
| NGC 5638  |   | H581-2 | Glxy E1            | 11.2             | UGC 9308                              | MCG 1-37-18 | CGCG 47-63     | PGC 51787      |                |                |
| NGC 5645  |   | H150-2 | Glxy SB(s)d        | 13               | UGC 9328                              | MCG 1-37-19 | CGCG 47-70     | IRAS 14281+729 | PGC 51846      |                |
| NGC 5650  |   |        | Non-Existent       |                  |                                       |             |                |                |                |                |
| NGC 5651  |   |        | Non-Existent       |                  |                                       |             |                |                |                |                |
| NGC 5652  |   | H891-2 | Glxy SABbc         | 13.3             | PGC 51865                             | UGC 9334    | MCG 1-37-20    | CGCG 47-72     | IRAS 14285+611 | 8ZW427         |
| NGC 5658  |   |        | Non-Existent       |                  | STAR ESO 542-22 MCG -3-4-79 PGC 51957 |             |                |                |                |                |
| NGC 5661  |   | H892-2 | Glxy SBb:          | 14.1             | UGC 9346                              | MCG 1-37-23 | CGCG 47-81     | IRAS 14294+628 | PGC 51921      |                |
| NGC 5668  |   | H574-2 | Glxy SA(s)d        | 12.2             | UGC 9363                              | MCG 1-37-28 | CGCG 47-90     | IRAS 14309+440 | PGC 52018      |                |
| NGC 5674  |   | H893-2 | Glxy SABc          | 13.7             | UGC 9369                              | MCG 1-37-31 | CGCG 47-96     | IRAS 14313+540 | 8ZW434         | PGC 52042      |
| NGC 5679A |   |        | Glxy Sc            | 14.5             | MCG 1-37-34                           | VV 458      | ARP 274        | PGC 52130      |                |                |
| NGC 5679B |   |        | Non-Existent       |                  | NGC 5679                              |             |                |                |                |                |
| NGC 5679D |   |        | Glxy S             | 15               |                                       |             |                |                |                |                |
| NGC 5679  |   | H894-2 | Glxy Sb            | 13.8             | UGC 9383                              | MCG 1-37-35 | CGCG 47-110    | VV 458         | ARP 274        | IRAS 14326+534 |
|           |   |        |                    |                  | PGC 52132                             |             |                |                |                |                |
| NGC 5679C |   |        | Glxy C             | 16               |                                       |             |                |                |                |                |
| NGC 5680  |   |        | Glxy S0-:          | 14.7             | CGCG 19-68 PGC 52173                  |             |                |                |                |                |
| NGC 5690  |   | H582-2 | Glxy Sc? sp        | 12.5             | UGC 9416                              | MCG 0-37-19 | CGCG 19-72     | IRAS 14351+230 | KARA638        | PGC 52273      |
| NGC 5691  |   | H681-2 | Glxy SAB(s)a: pec  | 12.3             | UGC 9420                              | MCG 0-37-20 | CGCG 19-73     | IRAS 14353-11  | PGC 52291      |                |
| NGC 5692  |   |        | Glxy S?            | 13.9             | UGC 9427                              | MCG 1-37-39 | CGCG 47-123    | ARAK454        | IRAS 14357+337 | PGC 52317      |
| NGC 5701  |   | H575-2 | Glxy (R)SB(rs)0/a  | 11.8             | UGC 9436                              | MCG 1-37-42 | CGCG 47-127    | IRAS 14368+534 | PGC 52365      |                |
| NGC 5705  |   |        | Glxy SB(rs)d       | 13.3             | UGC 9447                              | MCG 0-37-21 | CGCG 19-76     | IRAS 14371-29  | PGC 52395      |                |
| NGC 5713  |   | H182-1 | Glxy SAB(rs)bc pec | 11.8             | UGC 9451                              | MCG 0-37-22 | CGCG 19-77     | IRAS 14376-4   | 8ZW447         | PGC 52412      |
| NGC 5718  |   | H550-3 | Glxy S0-:          | 13.9             | UGC 9459                              | MCG 1-37-47 | CGCG 47-137    | ARP 171        | PGC 52441      |                |
| NGC 5719  |   | H682-2 | Glxy SAB(s)ab pec  | 13.1             | UGC 9462                              | MCG 0-37-24 | CGCG 19-79     | IRAS 14383-6   | PGC 52455      |                |
| NGC 5725  |   |        | Glxy SB(s)d:       | 14.3             | UGC 9466                              | MCG 0-37-25 | CGCG 19-80     | IRAS 14384+224 | PGC 52456      |                |
| NGC 5733  |   |        | Glxy Scd? sp       | 14.6             | MCG 0-38-1                            | CGCG 20-2   | PGC 52550      |                |                |                |
| NGC 5738  |   |        | Glxy S0^: sp       | 14.9             | MCG 0-38-2                            | CGCG 20-4   | PGC 52614      |                |                |                |
| NGC 5740  |   | H538-2 | Glxy SAB(rs)b      | 11.9             | UGC 9493                              | MCG 0-38-3  | CGCG 20-8      | IRAS 14418+153 | PGC 52641      |                |
| NGC 5746  |   | H126-1 | Glxy SAB(rs)b? sp  | 11.3             | UGC 9499                              | MCG 0-38-5  | CGCG 20-12     | IRAS 14424+209 | PGC 52665      |                |
| NGC 5750  |   | H183-1 | Glxy SB(r)0/a      | 12.5             | UGC 9512                              | MCG 0-38-6  | CGCG 20-13     | IRAS 14436+0   | PGC 52735      |                |
| NGC 5765A |   |        | Non-Existent       |                  |                                       |             |                |                |                |                |
| NGC 5765  |   |        | Glxy Sb:           | 14.6             | UGC 9554                              | MCG 1-38-4  | CGCG 48-24     | PGC 53011      |                |                |
| NGC 5765B |   |        | Glxy Sab           | 15.4             | UGC 9554                              | MCG 1-38-5  | CGCG 48-24     | PGC 53012      |                |                |
| NGC 5770  |   | H576-2 | Glxy SB0           | 13.2             | UGC 9575                              | MCG 1-38-11 | CGCG 48-52     | PGC 53201      |                |                |
| NGC 5774  |   |        | Glxy SAB(rs)d      | 12.7             | UGC 9576                              | MCG 1-38-13 | CGCG 48-57     | IRAS 14511+347 | PGC 53231      |                |
| NGC 5775  |   | H554-3 | Glxy SBc? sp       | 12.2             | UGC 9579                              | MCG 1-38-14 | CGCG 48-60     | IRAS 14514+344 | PGC 53247      |                |
| NGC 5776  |   |        | Glxy S             | 14.7             | MCG 1-38-18                           | CGCG 48-67  | PGC 53289      |                |                |                |

# Virgo - The Virgin

|           |   |        |                  | By NGC/IC Number |             |             |                                     |
|-----------|---|--------|------------------|------------------|-------------|-------------|-------------------------------------|
| Catalog   | M | Her    | Object Type      | Mag              | Alias/Notes |             |                                     |
| NGC 5806  |   | H539-2 | Glxy SAB(s)b     | 12.4             | UGC 9645    | MCG 0-38-14 | CGCG 20-41 IRAS 14574+205 PGC 53578 |
| NGC 5811  |   |        | Glxy SB(s)m:     | 14.5             | MCG 0-38-15 | CGCG 20-43  | PGC 53597                           |
| NGC 5813  |   | H127-1 | Glxy E1-2        | 11.5             | UGC 9655    | MCG 0-38-16 | CGCG 20-45 PGC 53643                |
| NGC 5814  |   |        | Glxy (R')Sab     | 14.7             | MCG 0-38-17 | CGCG 20-46  | IRAS 14588+149 PGC 53653            |
| NGC 5831  |   | H540-2 | Glxy E3          | 11.5             | UGC 9678    | MCG 0-38-20 | CGCG 20-54 PGC 53770                |
| NGC 5838  |   | H542-2 | Glxy SA0-        | 11.9             | UGC 9692    | MCG 0-38-22 | CGCG 20-57 IRAS 15029+217 PGC 53862 |
| NGC 5839  |   | H541-2 | Glxy SAB(rs)0^:  | 13.7             | UGC 9693    | MCG 0-38-23 | CGCG 20-58 PGC 53865                |
| NGC 5841  |   |        | Glxy S0+ pec sp  | 14.8             | NGC 5848    | PGC 53941   | MCG 0-39-1 CGCG 21-1                |
| NGC 5845  |   | H511-3 | Glxy E:          | 12.5             | UGC 9700    | MCG 0-38-24 | CGCG 20-59 ARAK468 PGC 53901        |
| NGC 5846A |   |        | Glxy cE2-3       | 13.8             | MCG 0-38-26 | PGC 53930   |                                     |
| NGC 5846  |   | H128-1 | Glxy E0-1        | 10               | UGC 9706    | MCG 0-38-25 | CGCG 20-61 PGC 53932                |
| NGC 5847  |   |        | Glxy Sb          | 15.1             | MCG 1-38-30 | CGCG 48-120 | IRAS 15039+633 PGC 53928            |
| NGC 5848  |   |        | Non-Existent     |                  |             |             |                                     |
| NGC 5850  |   | H543-2 | Glxy SB(r)b      | 10.7             | UGC 9715    | MCG 0-39-2  | CGCG 21-6 IRAS 15045+144 PGC 53979  |
| NGC 5854  |   | H544-2 | Glxy SB(s)0+ sp  | 12.7             | UGC 9726    | MCG 1-39-1  | CGCG 49-9 PGC 54013                 |
| NGC 5855  |   |        | Glxy C           | 15.4             | CGCG 49-10  | PGC 54014   |                                     |
| NGC 5864  |   | H585-2 | Glxy SB(s)0^? sp | 12.8             | UGC 9740    | MCG 1-39-2  | CGCG 49-15 PGC 54111                |
| NGC 5865  |   | H684-2 | Glxy E-S0        | 14.1             | NGC 5868    | PGC 54118   | UGC 9743 MCG 0-39-7 CGCG 21-23      |
| NGC 5868  |   |        | Non-Existent     |                  | NGC 5865    |             |                                     |
| NGC 5869  |   | H545-2 | Glxy S0^:        | 12.9             | UGC 9742    | MCG 0-39-6  | CGCG 21-22 PGC 54119                |
| NGC 5871  |   |        | Non-Existent     |                  |             |             |                                     |

Total: 1231