

# Canes Venatici - The Hunting Dogs

|         |      | By NGC/IC Number |              |      |                                                                     |
|---------|------|------------------|--------------|------|---------------------------------------------------------------------|
| Catalog | M    | Her              | Object Type  | Mag  | Alias/Notes                                                         |
| IC      | 801  |                  | Glxy Sa?     | 14.5 | UGC 7717 MCG 9-21-17 CGCG 270-9 PGC 41739                           |
| IC      | 861  |                  | Glxy S0/a    | 15.4 | UGC 8326 MCG 6-29-68 CGCG 189-46 PGC 46092                          |
| IC      | 883  |                  | Glxy Im: pec | 14.4 | UGC 8387 CGCG 189-54 1ZW56 VV 821 ARP 193 IRAS 13183+3423 PGC 46560 |
| IC      | 895  |                  | Non-Existent |      |                                                                     |
| IC      | 3002 |                  | Glxy Sc      | 15.6 | MCG 6-27-10 CGCG 187-8 PGC 38443                                    |
| IC      | 3014 |                  | Glxy SB?     | 14.4 | UGC 7119 MCG 7-25-28A CGCG 215-31 KUG 1206+391 PGC 38562            |
| IC      | 3022 |                  | Glxy E?      | 14.5 | MCG 7-25-39 CGCG 215-41 PGC 38694                                   |
| IC      | 3110 |                  | Glxy         |      |                                                                     |
| IC      | 3405 |                  | Glxy         |      |                                                                     |
| IC      | 3503 |                  | Non-Existent |      |                                                                     |
| IC      | 3667 |                  | Non-Existent |      |                                                                     |
| IC      | 3668 |                  | Knt in Glxy  |      |                                                                     |
| IC      | 3669 |                  | Knt in Glxy  |      |                                                                     |
| IC      | 3675 |                  | Non-Existent |      | UGC 7861 MCG 7-26-38 CGCG 216-18 ARP 23 IRAS 12395+4132 PGC 42607   |
| IC      | 3680 |                  | Non-Existent |      |                                                                     |
| IC      | 3681 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3687 |                  | Glxy IAB(s)m | 13.7 | UGC 7866 MCG 7-26-39 DDO141 CGCG 216-19 PGC 42656                   |
| IC      | 3697 |                  | Glxy S       | 14.8 | MCG 7-26-41 PGC 42756                                               |
| IC      | 3703 |                  | Non-Existent |      |                                                                     |
| IC      | 3707 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3713 |                  | Glxy L       | 15.3 | MCG 7-26-46 CGCG 216-23 PGC 42867                                   |
| IC      | 3717 |                  | Glxy S       | 16.5 | MCG 7-26-47 PGC 42900                                               |
| IC      | 3723 |                  | Glxy         | 16   | MCG 7-26-48 MK 441 CGCG 216-24 PGC 42914                            |
| IC      | 3726 |                  | Glxy Scd:    | 15.4 | UGC 7921 MCG 7-26-49 CGCG 216-25 IRAS 12423+4057 PGC 42938          |
| IC      | 3729 |                  | Glxy S       | 15.7 | MCG 7-26-50 PGC 42958                                               |
| IC      | 3746 |                  | Glxy         | 15.6 | CGCG 188-19 PGC 43000                                               |
| IC      | 3747 |                  | Non-Existent |      |                                                                     |
| IC      | 3751 |                  | Glxy E       | 15.5 |                                                                     |
| IC      | 3757 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3758 |                  | Glxy         | 15.5 | CGCG 216-26 PGC 43046                                               |
| IC      | 3765 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3768 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3769 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3771 |                  | Glxy         |      |                                                                     |
| IC      | 3772 |                  | Glxy SB      | 15.6 | MCG 6-28-28 CGCG 188-20 PGC 43123                                   |
| IC      | 3774 |                  | Glxy S       | 16.5 | UGC 7947 MCG 6-28-29 PGC 43117                                      |
| IC      | 3778 |                  | Glxy         | 15.6 | CGCG 216-28 PGC 43131                                               |
| IC      | 3780 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3782 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3783 |                  | Glxy S       | 15.5 | MCG 7-26-52 CGCG 216-29 PGC 43163                                   |
| IC      | 3786 |                  | Glxy         |      |                                                                     |
| IC      | 3787 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3795 |                  | Glxy         | 15.9 | MCG 7-26-53 CGCG 216-30 PGC 43221                                   |
| IC      | 3800 |                  | Glxy         |      |                                                                     |
| IC      | 3802 |                  | Non-Existent |      | Single Star                                                         |
| IC      | 3804 |                  | Non-Existent |      | UGC 7973 MCG 6-28-33 CGCG 188-22 IRAS 12463+3536 PGC 43286          |

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| Catalog | M | Her | Object Type        | Mag              | Alias/Notes                                                       |
| IC 3805 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3808 |   |     | Glxy SBc           | 15.7             | IC 3808 IC 3810 MCG 7-26-55 MK 445 CGCG 216-32 PGC 43312          |
| IC 3809 |   |     | Glxy               |                  |                                                                   |
| IC 3810 |   |     | Non-Existent       |                  | IC 3808 IC 3810 MCG 7-26-55 MK 445 CGCG 216-32 PGC 43312          |
| IC 3816 |   |     | Glxy S             | 15.3             | MCG 6-28-34 PGC 43369                                             |
| IC 3820 |   |     | Glxy               |                  |                                                                   |
| IC 3823 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3828 |   |     | Glxy               |                  |                                                                   |
| IC 3832 |   |     | Glxy S             | 16.3             | MCG 7-26-57 PGC 43482                                             |
| IC 3835 |   |     | Glxy               |                  |                                                                   |
| IC 3836 |   |     | Glxy               |                  |                                                                   |
| IC 3842 |   |     | Glxy               |                  |                                                                   |
| IC 3843 |   |     | Glxy               |                  |                                                                   |
| IC 3844 |   |     | Glxy S             | 16.5             | MCG 7-26-59 PGC 43622                                             |
| IC 3845 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3849 |   |     | Non-Existent       |                  |                                                                   |
| IC 3850 |   |     | Glxy S             | 14.3             | MCG 7-27-1 PGC 43702                                              |
| IC 3852 |   |     | Glxy SBc           | 15               | UGC 8019 MCG 6-28-38 KUG 1250+360 PGC 43750                       |
| IC 3853 |   |     | Glxy               |                  |                                                                   |
| IC 3854 |   |     | Glxy               |                  |                                                                   |
| IC 3855 |   |     | Glxy               |                  |                                                                   |
| IC 3861 |   |     | Glxy               |                  |                                                                   |
| IC 3862 |   |     | Glxy Double System | 15.1             | UGC 8023 MCG 6-28-39 VV 266 ARP 265 KUG 1251+363 PGC 43844        |
| IC 3863 |   |     | Glxy               |                  |                                                                   |
| IC 3878 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3879 |   |     | Glxy S             | 16               | MCG 7-27-2 PGC 43911                                              |
| IC 3885 |   |     | Glxy               |                  |                                                                   |
| IC 3887 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3888 |   |     | Glxy S             | 15.6             | MCG 7-27-3 PGC 43956                                              |
| IC 3889 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3890 |   |     | Glxy               |                  |                                                                   |
| IC 3891 |   |     | Glxy               |                  |                                                                   |
| IC 3892 |   |     | Glxy S?            | 15.3             | UGC 8044 MCG 7-27-5 CGCG 217-2 PGC 44001                          |
| IC 3893 |   |     | Glxy               |                  |                                                                   |
| IC 3895 |   |     | Glxy S?            | 15.4             | MCG 7-27-6 CGCG 217-3 PGC 44010                                   |
| IC 3897 |   |     | Glxy               |                  |                                                                   |
| IC 3898 |   |     | Glxy               |                  |                                                                   |
| IC 3902 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3903 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3904 |   |     | Glxy Sa            | 15.6             | MCG 6-28-43 CGCG 189-1 CGCG 188-29 KARA558 KUG 1253+365 PGC 44075 |
| IC 3906 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3909 |   |     | Glxy               |                  |                                                                   |
| IC 3910 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3911 |   |     | Glxy               |                  |                                                                   |
| IC 3912 |   |     | Non-Existent       |                  | Single Star                                                       |
| IC 3914 |   |     | Glxy               |                  |                                                                   |

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| IC 3916 |   |                  | Glxy S       | 15.4 | UGC 8063 MCG 7-27-8 CGCG 217-4 PGC 44150 |
| IC 3919 |   |                  | Non-Existent |      |                                          |
| IC 3920 |   |                  | Glxy         |      |                                          |
| IC 3921 |   |                  | Glxy         |      |                                          |
| IC 3922 |   |                  | Glxy         |      |                                          |
| IC 3923 |   |                  | Non-Existent |      | Single Star                              |
| IC 3925 |   |                  | Non-Existent |      | Single Star                              |
| IC 3928 |   |                  | Glxy         |      |                                          |
| IC 3930 |   |                  | Glxy         |      |                                          |
| IC 3933 |   |                  | Non-Existent |      | Single Star                              |
| IC 3940 |   |                  | Glxy C       | 17.1 | KUG 1255+361 PGC 44429                   |
| IC 3941 |   |                  | Glxy         |      |                                          |
| IC 3942 |   |                  | Non-Existent |      | Single Star 1ZW48 PGC 44492              |
| IC 3945 |   |                  | Glxy         |      |                                          |
| IC 3952 |   |                  | Glxy         |      |                                          |
| IC 3956 |   |                  | Glxy         |      |                                          |
| IC 3961 |   |                  | Non-Existent |      | NGC 4861                                 |
| IC 3966 |   |                  | Glxy Spiral  | 15.9 | MCG 6-29-7 KUG 1256+361 PGC 44565        |
| IC 3967 |   |                  | Glxy S0      | 15.8 | MCG 6-29-5 CGCG 189-7 PGC 44561          |
| IC 3970 |   |                  | Non-Existent |      | Single Star                              |
| IC 3972 |   |                  | Non-Existent |      | Single Star                              |
| IC 3975 |   |                  | Glxy L       | 15.5 | MCG 7-27-9 PGC 44555                     |
| IC 3977 |   |                  | Non-Existent |      |                                          |
| IC 3979 |   |                  | Non-Existent |      | Single Star                              |
| IC 3980 |   |                  | Glxy         |      |                                          |
| IC 3981 |   |                  | Non-Existent |      | Single Star                              |
| IC 3982 |   |                  | Non-Existent |      | Single Star                              |
| IC 3983 |   |                  | Non-Existent |      | Single Star                              |
| IC 3987 |   |                  | Glxy         |      |                                          |
| IC 3988 |   |                  | Non-Existent |      | Single Star                              |
| IC 3989 |   |                  | Non-Existent |      | Single Star                              |
| IC 3992 |   |                  | Non-Existent |      | Single Star                              |
| IC 3993 |   |                  | Glxy         |      |                                          |
| IC 3995 |   |                  | Non-Existent |      | Single Star                              |
| IC 3996 |   |                  | Non-Existent |      | Single Star                              |
| IC 3997 |   |                  | Glxy         |      |                                          |
| IC 4000 |   |                  | Glxy         |      |                                          |
| IC 4001 |   |                  | Glxy         |      |                                          |
| IC 4002 |   |                  | Glxy         |      |                                          |
| IC 4003 |   |                  | Glxy S       | 14.6 | MCG 7-27-10 CGCG 217-5 PGC 44619         |
| IC 4004 |   |                  | Glxy S       | 14.6 | MCG 7-27-11 CGCG 217-5 PGC 44618         |
| IC 4006 |   |                  | Non-Existent |      | Single Star                              |
| IC 4009 |   |                  | Non-Existent |      | Single Star                              |
| IC 4010 |   |                  | Non-Existent |      | Unknown                                  |
| IC 4013 |   |                  | Non-Existent |      | Single Star                              |
| IC 4015 |   |                  | Non-Existent |      | NGC 4893                                 |

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| IC      | 4016 |     | Non-Existent |                  | NGC 4893                                                |
| IC      | 4018 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4020 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4022 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4024 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4027 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4028 |     | Glxy SABc:   | 15.1             | UGC 8115 MCG 6-29-12 CGCG 189-11 PGC 44731              |
| IC      | 4029 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4031 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4034 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4035 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4036 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4037 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4038 |     | Non-Existent |                  | Unknown                                                 |
| IC      | 4043 |     | Glxy Sc-Irr  | 16.5             |                                                         |
| IC      | 4046 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4048 |     | Glxy         |                  |                                                         |
| IC      | 4049 |     | Glxy S0?     | 15               | UGC 8124 MCG 6-29-13 CGCG 189-12 PGC 44806              |
| IC      | 4050 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4052 |     | Non-Existent |                  |                                                         |
| IC      | 4056 |     | Glxy SBb-c   | 15.7             | UGC 8126 MCG 7-27-12 VV 418 PGC 44810                   |
| IC      | 4060 |     | Glxy Sb      | 15.7             | MCG 7-27-13 PGC 44823                                   |
| IC      | 4061 |     | Non-Existent |                  |                                                         |
| IC      | 4062 |     | Glxy SB      | 14.9             | MCG 7-27-14 CGCG 217-6 PGC 44836                        |
| IC      | 4063 |     | Non-Existent |                  |                                                         |
| IC      | 4064 |     | Glxy S0      | 14.7             | UGC 8131 MCG 7-27-15 CGCG 217-6 PGC 44867               |
| IC      | 4065 |     | Glxy S       | 15.5             | MCG 7-27-16 PGC 44868                                   |
| IC      | 4067 |     | Glxy S       | 16.8             | MCG 7-27-17 PGC 44889                                   |
| IC      | 4068 |     | Non-Existent |                  |                                                         |
| IC      | 4069 |     | Non-Existent |                  |                                                         |
| IC      | 4072 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4073 |     | Glxy S       | 16.5             | MCG 7-27-18 PGC 44888                                   |
| IC      | 4077 |     | Glxy C       | 17.4             | KUG 1259+376 PGC 44907                                  |
| IC      | 4078 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4082 |     | Glxy         |                  |                                                         |
| IC      | 4083 |     | Glxy         |                  |                                                         |
| IC      | 4084 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4085 |     | Glxy         |                  |                                                         |
| IC      | 4086 |     | Glxy Scd:    | 15.3             | UGC 8141 MCG 6-29-17 CGCG 189-14 KUG 1259+369 PGC 44920 |
| IC      | 4090 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4094 |     | Glxy         |                  |                                                         |
| IC      | 4097 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4098 |     | Glxy         |                  |                                                         |
| IC      | 4100 |     | Glxy Scd:    | 14.7             | UGC 8144 MCG 7-27-19 CGCG 217-7 PGC 44963               |
| IC      | 4101 |     | Non-Existent |                  | Single Star                                             |
| IC      | 4102 |     | Glxy         |                  |                                                         |

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| Catalog | M | Her | Object Type  | Mag              | Alias/Notes                                             |
| IC 4103 |   |     | Glxy S       | 16.5             | MCG 6-29-19 PGC 44989                                   |
| IC 4104 |   |     | Glxy         |                  |                                                         |
| IC 4105 |   |     | Glxy         |                  |                                                         |
| IC 4108 |   |     | Glxy S       | 15.5             | MCG 7-27-20 PGC 45005                                   |
| IC 4112 |   |     | Non-Existent |                  | Single Star MCG 6-29-20 PGC 45041                       |
| IC 4114 |   |     | Glxy         |                  |                                                         |
| IC 4115 |   |     | Glxy S       | 15.5             | KUG 1300+374 PGC 45036                                  |
| IC 4117 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4118 |   |     | Glxy S       | 15.5             | MCG 7-27-21 PGC 45040                                   |
| IC 4120 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4123 |   |     | Glxy Sb      | 15.2             | MCG 7-27-23 PGC 45059                                   |
| IC 4127 |   |     | Glxy L       | 16.1             | MCG 6-29-22 PGC 45089                                   |
| IC 4131 |   |     | Glxy         |                  |                                                         |
| IC 4132 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4135 |   |     | Glxy S       | 16.5             |                                                         |
| IC 4142 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4143 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4144 |   |     | Glxy Sb      | 16.1             | UGC 8169 MCG 6-29-23 PGC 45145                          |
| IC 4145 |   |     | Glxy         |                  |                                                         |
| IC 4151 |   |     | Glxy         |                  |                                                         |
| IC 4152 |   |     | Glxy         |                  |                                                         |
| IC 4155 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4157 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4158 |   |     | Glxy         |                  |                                                         |
| IC 4161 |   |     | Glxy         |                  |                                                         |
| IC 4165 |   |     | Glxy Sc      | 14.8             | MCG 7-27-25 PGC 45223                                   |
| IC 4166 |   |     | Glxy SBab?   | 15               | UGC 8180 MCG 5-31-122 CGCG 160-133 PGC 45264            |
| IC 4168 |   |     | Glxy         |                  |                                                         |
| IC 4169 |   |     | Glxy         |                  |                                                         |
| IC 4171 |   |     | Glxy Sc      | 14.5             | UGC 8182 MCG 6-29-26 KUG 1302+363 PGC 45265             |
| IC 4174 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4178 |   |     | Glxy Irr     | 15.7             | UGC 8187 MCG 6-29-30 PGC 45306                          |
| IC 4179 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4182 |   |     | Glxy SA(s)m  | 11.8             | UGC 8188 MCG 6-29-31 CGCG 189-20 PGC 45314              |
| IC 4184 |   |     | Glxy         |                  |                                                         |
| IC 4186 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4187 |   |     | Glxy E/S0    |                  | MCG 6-29-32 PGC 45333                                   |
| IC 4188 |   |     | Glxy Spiral  | 15.5             | MCG 6-29-33 KUG 1303+365 PGC 45332                      |
| IC 4189 |   |     | Glxy Scd:    | 14.2             | UGC 8191 MCG 6-29-34 CGCG 189-21 KUG 1303+362 PGC 45336 |
| IC 4190 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4192 |   |     | Non-Existent |                  |                                                         |
| IC 4193 |   |     | Glxy         | 15.6             | CGCG 217-11 PGC 45342                                   |
| IC 4194 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4195 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4199 |   |     | Non-Existent |                  | Single Star                                             |
| IC 4201 |   |     | Glxy S       | 15.8             | MCG 6-29-42 PGC 45490                                   |

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| IC 4203 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4204 |   |                  | Glxy SB?c        | 16.3 |                                                                       |
| IC 4206 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4207 |   |                  | Glxy             |      |                                                                       |
| IC 4208 |   |                  | Non-Existent     |      |                                                                       |
| IC 4211 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4213 |   |                  | Glxy Scd:        | 14   | UGC 8280 MCG 6-29-57 CGCG 189-39 PGC 45848                            |
| IC 4225 |   |                  | Glxy S0/a        | 15.3 | UGC 8378 MCG 5-31-177 CGCG 160-198 CGCG 161-16 PGC 46507              |
| IC 4226 |   |                  | Glxy S?          | 15.1 | MCG 5-32-2 CGCG 160-205 CGCG 161-23 PGC 46555                         |
| IC 4227 |   |                  | Glxy             | 15.6 | CGCG 161-25 PGC 46594                                                 |
| IC 4238 |   |                  | Glxy             |      |                                                                       |
| IC 4239 |   |                  | Glxy S?          | 15.3 | MCG 5-32-15 CGCG 161-45 PGC 46872                                     |
| IC 4240 |   |                  | Glxy             |      |                                                                       |
| IC 4242 |   |                  | Glxy S0          | 15   |                                                                       |
| IC 4256 |   |                  | Glxy             |      |                                                                       |
| IC 4257 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4258 |   |                  | Glxy             |      |                                                                       |
| IC 4263 |   |                  | Glxy SB(s)d: sp  | 15.1 | UGC 8470 MCG 8-25-7 CGCG 246-4 PGC 47270                              |
| IC 4266 |   |                  | Non-Existent     |      |                                                                       |
| IC 4268 |   |                  | Non-Existent     |      |                                                                       |
| IC 4269 |   |                  | Glxy L           | 16   | MCG 6-30-14 PGC 47348                                                 |
| IC 4271 |   |                  | Glxy S           | 15.8 | MCG 6-30-15 CGCG 190-12 VV 355 ARP 40 PGC 47334                       |
| IC 4277 |   |                  | Glxy             |      |                                                                       |
| IC 4278 |   |                  | Glxy             |      |                                                                       |
| IC 4282 |   |                  | Non-Existent dE? | 17.4 |                                                                       |
| IC 4283 |   |                  | Glxy S0- sp      | 15.3 | CGCG 161-78 PGC 47611                                                 |
| IC 4284 |   |                  | Non-Existent E   | 16   |                                                                       |
| IC 4285 |   |                  | Non-Existent S   | 16.7 |                                                                       |
| IC 4300 |   |                  | Glxy             | 16.1 | MCG 6-30-48 PGC 47912                                                 |
| IC 4301 |   |                  | Glxy S           | 16.6 | UGC 8579 MCG 6-30-50 PGC 47936                                        |
| IC 4302 |   |                  | Glxy Scd:        | 17.5 | UGC 8580 MCG 6-30-51 PGC 47935                                        |
| IC 4304 |   |                  | Glxy Sab         | 15   | UGC 8586 MCG 6-30-55 CGCG 190-32 PGC 47980                            |
| IC 4305 |   |                  | Glxy E5          | 15   | MCG 6-30-54 CGCG 190-33 PGC 47981                                     |
| IC 4306 |   |                  | Glxy L           | 15.8 | MCG 6-30-58 CGCG 190-35 PGC 48015                                     |
| IC 4308 |   |                  | Non-Existent     |      |                                                                       |
| IC 4334 |   |                  | Glxy S0?         | 15.4 | MCG 5-33-8 CGCG 162-14 PGC 49072                                      |
| IC 4335 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4336 |   |                  | Glxy SBb         | 14.8 | UGC 8761 MCG 7-28-77 CGCG 218-59 CGCG 219-4 IRAS 13485+3957 PGC 49146 |
| IC 4339 |   |                  | Non-Existent     |      | MCG 6-31-10 CGCG 191-11 KUG 1351+377 PGC 49366                        |
| IC 4340 |   |                  | Glxy S?          | 14.9 | MCG 6-31-9 CGCG 191-10 PGC 49364                                      |
| IC 4341 |   |                  | Glxy S?          | 14.8 | MCG 6-31-10 CGCG 191-11 KUG 1351+377 PGC 49366                        |
| IC 4353 |   |                  | Non-Existent     |      | Single Star                                                           |
| IC 4355 |   |                  | Glxy Sa          | 15.4 | MCG 5-33-30 CGCG 162-37 IRAS 13557+2839 PGC 49690                     |
| IC 4356 |   |                  | Glxy C           | 16.2 | PGC 49759                                                             |
| IC 4357 |   |                  | Glxy S?          | 14.8 | UGC 8926 MCG 5-33-40 CGCG 162-47 PGC 49879                            |
| IC 4369 |   |                  | Glxy S?          | 16.2 | MCG 6-31-58 Hickson 70E PGC 50134                                     |

# Canes Venatici - The Hunting Dogs

| By NGC/IC Number |      |        |                           |                                                                             |
|------------------|------|--------|---------------------------|-----------------------------------------------------------------------------|
| Catalog          | M    | Her    | Object Type               | Mag Alias/Notes                                                             |
| IC 4370          |      |        | Glxy S                    | 15.7 MCG 6-31-60 Hickson 70D PGC 50138                                      |
| IC 4371          |      |        | Glxy Sa                   | 16.1 UGC 8990 MCG 6-31-59 CGCG 191-46 IRAS 14019+3333 Hickson 70A PGC 50139 |
| NGC 4109         |      |        | Glxy Sa?                  | 14.8 MCG 7-25-24 CGCG 215-27 PGC 38427                                      |
| NGC 4111         |      | H195-1 | Glxy SA(r)0+: sp          | 11.6 UGC 7103 MCG 7-25-26 CGCG 215-28 PGC 38440                             |
| NGC 4113         |      |        | Glxy                      |                                                                             |
| NGC 4117         |      | H708-3 | Glxy S0 <sup>^</sup> :    | 14 UGC 7112 MCG 7-25-27 CGCG 215-29 PGC 38503                               |
| NGC 4118         |      |        | Glxy S0+?                 | 15.6 MCG 7-25-28 CGCG 215-30 PGC 38507                                      |
| NGC 4135         |      |        | Glxy SAB(s)bc?            | 14.8 MCG 7-25-32 CGCG 215-34 PGC 38601                                      |
| NGC 4137         |      |        | Glxy SB(rs)c?             | 14.8 UGC 7135 MCG 7-25-33 CGCG 215-36 VV 454 PGC 38619                      |
| NGC 4138         |      | H196-1 | Glxy SA(r)0+              | 12.2 UGC 7139 MCG 7-25-35 CGCG 215-37 PGC 38643                             |
| NGC 4143         |      | H54-4  | Glxy SAB(s)0 <sup>^</sup> | 11.7 UGC 7142 MCG 7-25-36 CGCG 215-39 PGC 38654                             |
| NGC 4145A        |      |        | Glxy Sd                   | 14.5                                                                        |
| NGC 4145         |      | H169-1 | Glxy SAB(rs)d             | 11.8 UGC 7154 MCG 7-25-40 CGCG 215-42 KUG 1207+401 PGC 38693                |
| NGC 4148         |      |        | Glxy S0+                  | 14.3 UGC 7158 MCG 6-27-18 CGCG 187-16 PGC 38704                             |
| NGC 4151         |      | H165-1 | Glxy (R')SAB(rs)ab:       | 11.5 UGC 7166 MCG 7-25-44 CGCG 215-45 KUG 1208+396A PGC 38739               |
| NGC 4156         |      | H642-2 | Glxy SB(rs)b              | 14 UGC 7173 MCG 7-25-45 CGCG 215-47 PGC 38773                               |
| NGC 4160         |      |        | Non-Existent              |                                                                             |
| NGC 4163         |      | H399-3 | Glxy IAm                  | 14.5 NGC 4167 PGC 38881 UGC 7199 MCG 6-27-26 CGCG 187-20                    |
| NGC 4167         |      |        | Non-Existent              |                                                                             |
| NGC 4183         |      | H697-3 | Glxy SA(s)cd? sp          | 12.9 UGC 7222 MCG 7-25-51 CGCG 215-53 PGC 38988                             |
| NGC 4187C        |      |        | Glxy                      | 16.5                                                                        |
| NGC 4187A        |      |        | Non-Existent              |                                                                             |
| NGC 4187         |      | H813-2 | Glxy E                    | 14.2 UGC 7229 MCG 9-20-117 CGCG 269-42 PGC 39004                            |
| NGC 4187B        |      |        | Glxy                      | 13.3                                                                        |
| NGC 4190         |      | H409-2 | Glxy Im pec               | 13.9 UGC 7232 MCG 6-27-30 CGCG 187-24 VV 104 PGC 39023                      |
| NGC 4214         |      | H95-1  | Glxy IAB(s)m              | 10.2 NGC 4228 PGC 39225 UGC 7278 MCG 6-27-42 CGCG 187-32 IRAS 12131+3636    |
| NGC 4217         |      | H748-2 | Glxy Sb sp                | 11.1 UGC 7282 MCG 8-22-87 CGCG 243-53 PGC 39241                             |
| NGC 4218         |      | H718-3 | Glxy Sa?                  | 13.4 UGC 7283 MCG 8-22-88 CGCG 243-54 ARAK353 IRAS 12132+4824 PGC 39237     |
| NGC 4220         |      | H209-1 | Glxy SA(r)0+              | 12.3 UGC 7290 MCG 8-22-89 CGCG 243-55 IRAS 12137+4809 PGC 39285             |
| NGC 4226         |      |        | Glxy Sa pec?              | 14.4 UGC 7297 MCG 8-22-90 CGCG 243-57 PGC 39312                             |
| NGC 4227         |      | H518-2 | Glxy SAB0 <sup>^</sup> :  | 13.7 UGC 7296 MCG 6-27-43 CGCG 187-33 PGC 39329                             |
| NGC 4228         |      |        | Non-Existent              | NGC 4214                                                                    |
| NGC 4229         |      | H519-2 | Glxy S?                   | 14.2 UGC 7299 MCG 6-27-44 CGCG 187-34 PGC 39341                             |
| NGC 4231         |      | H719-3 | Glxy SA0+ pec?            | 14.3 UGC 7304 MCG 8-22-94 CGCG 243-60 PGC 39354                             |
| NGC 4232         |      | H720-3 | Glxy SBb pec:             | 14.4 UGC 7303 MCG 8-22-93 CGCG 243-59 IRAS 12143+4743 PGC 39353             |
| NGC 4242         |      | H725-3 | Glxy SAB(s)dm             | 11.4 UGC 7323 MCG 8-22-98 CGCG 243-61 PGC 39423                             |
| NGC 4244         |      | H41-5  | Glxy SA(s)cd: sp          | 10.3 UGC 7322 MCG 6-27-45 CGCG 187-35 IRAS 12150+3804 PGC 39422             |
| NGC 4248         |      | H742-2 | Glxy I0? sp               | 12.5 UGC 7335 MCG 8-22-99 CGCG 244-1 CGCG 243-64 PGC 39461                  |
| NGC 4258         | M106 | H43-5  | Glxy Sb                   | 9.1 M 106 UGC 743 CGCG 501-122 PGC 39600                                    |
| NGC 4288A        |      |        | Glxy E-S0                 | 14.5                                                                        |
| NGC 4288         |      | H726-3 | Glxy SB(s)dm              | 13.3 UGC 7399 MCG 8-23-6 DDO119 CGCG 244-6 PGC 39840                        |
| NGC 4346         |      | H210-1 | Glxy S0 sp                | 12.1 UGC 7463 MCG 8-23-16 CGCG 244-9 PGC 40228                              |
| NGC 4357         |      | H743-2 | Glxy SAbc                 | 13.2 NGC 4381 PGC 40296 UGC 7478 MCG 8-23-17 CGCG 244-10 KARA528            |
| NGC 4369         |      | H166-1 | Glxy (R)SA(rs)a           | 12.3 UGC 7489 MCG 7-26-4 MK 439 CGCG 216-2 IRAS 12221+3939 PGC 40396        |
| NGC 4381         |      |        | Non-Existent              | NGC 4357                                                                    |

# Canes Venatici - The Hunting Dogs

| By NGC/IC Number |     |        |                    |      |                                                                                           |
|------------------|-----|--------|--------------------|------|-------------------------------------------------------------------------------------------|
| Catalog          | M   | Her    | Object Type        | Mag  | Alias/Notes                                                                               |
| NGC 4389         |     | H749-2 | Glxy SB(rs)bc pec: | 12.5 | UGC 7514 MCG 8-23-28 CGCG 244-14 PGC 40537                                                |
| NGC 4392         |     | H729-3 | Glxy C             | 14.7 | MCG 8-23-23 CGCG 244-12 1ZW35 PGC 40499                                                   |
| NGC 4395         |     | H29-5  | Glxy SA(s)m:       | 10.6 | PGC 40596 UGC 7524 CGCG 187-42 MGC +6-27-53 IRAS 12233+3348                               |
| NGC 4399         |     |        | Non-Existent       |      | NGC 4400                                                                                  |
| NGC 4400         |     |        | Non-Existent GxyP  |      | NGC 4399                                                                                  |
| NGC 4401         |     |        | Non-Existent       |      | H2 Region in NGC 4395                                                                     |
| NGC 4449         |     | H213-1 | Glxy IBm           | 10   | UGC 7592 MCG 7-26-9 CGCG 216-5 PGC 40973                                                  |
| NGC 4460         |     | H212-1 | Glxy SB(s)0+? sp   | 12.3 | H750-2 UGC 7611 MCG 8-23-41 CGCG 244-22 PGC 41069                                         |
| NGC 4485         |     | H197-1 | Glxy IB(s)m pec    | 12.3 | UGC 7648 MCG 7-26-13 CGCG 216-7 VV 30 ARP 269 PGC 41326                                   |
| NGC 4490         |     | H198-1 | Glxy SB(s)d pec    | 10.2 | UGC 7651 MCG 7-26-14 CGCG 216-8 VV 30 ARP 269 PGC 41333                                   |
| NGC 4509         |     |        | Glxy Sab pec?      | 14.4 | UGC 7704 MCG 5-30-18 MK 773 CGCG 159-15 IRAS 12306+3222 KUG 1230+323 PGC 41660            |
| NGC 4530         |     |        | Non-Existent       |      |                                                                                           |
| NGC 4534         |     | H410-2 | Glxy SA(s)dm:      | 12.9 | UGC 7723 MCG 6-28-10 CGCG 188-8 KARA536 KUG 1231+357 PGC 41779                            |
| NGC 4537         |     |        | Glxy S             | 16   | MCG 9-21-22 PGC 41909                                                                     |
| NGC 4542         |     |        | Glxy S             | 15.3 | UGC 7746 MCG 9-21-21 CGCG 270-11 PGC 41864                                                |
| NGC 4583         |     | H495-3 | Glxy SBa           | 14.5 | MCG 6-28-17 CGCG 188-11 PGC 42198                                                         |
| NGC 4617         |     | H744-2 | Glxy Sb            | 14   | UGC 7847 MCG 9-21-28 CGCG 270-13 KARA545 PGC 42530                                        |
| NGC 4618         |     | H178-1 | Glxy SB(rs)m       | 11.2 | H179-1 PGC 42575 UGC 7853 MCG 7-26-37 CGCG 216-17 VV 73 ARP 23                            |
| NGC 4619         |     | H411-2 | Glxy SB(r)b pec?   | 13.5 | UGC 7856 MCG 6-28-18 CGCG 188-14 IRAS 12393+3520 PGC 42594                                |
| NGC 4625         |     | H660-2 | Glxy SAB(rs)m pec  | 12.9 | IC 3675 PGC 42607 UGC 7861 MCG 7-26-38 CGCG 216-18 ARP 23 IRAS 12395+4132                 |
| NGC 4627         |     | H659-2 | Glxy E4 pec        | 12.5 | UGC 7860 MCG 6-28-19 CGCG 188-15 ARP 281 KUG 1239+328A PGC 42620                          |
| NGC 4631         |     | H42-5  | Glxy SB(s)d sp     | 9.8  | UGC 7865 MCG 6-28-20 CGCG 188-16 ARP 281 IRAS 12396+3249 KUG 1239+328B PGC 42637          |
| NGC 4655         |     | H661-2 | Glxy S             | 15.1 | MCG 7-26-42 CGCG 216-21 PGC 42823                                                         |
| NGC 4656         |     | H176-1 | Glxy SB(s)m pec    | 11   | UGC 7907 CGCG 159-65 MCG +5-30-66 KUG 1241+324 IRAS 12417+3228 PGC 42863                  |
| NGC 4657         |     | H177-1 | Glxy SBm           | 10.5 | Bright Knot of Material Part of NGC 4656                                                  |
| NGC 4662         |     | H643-2 | Glxy SB(rs)bc      | 13.5 | UGC 7917 MCG 6-28-25 CGCG 188-18 KARA550 PGC 42904                                        |
| NGC 4687         |     |        | Glxy E1            | 14.2 | UGC 7958 MCG 6-28-31 MK 442 CGCG 188-21 KUG 1244+356 PGC 43157                            |
| NGC 4704         |     | H662-2 | Glxy SB(rs)bc pec  | 14.5 | UGC 7972 MCG 7-26-54 CGCG 216-31 IRAS 12464+4211 PGC 43288                                |
| NGC 4707         |     | H815-3 | Glxy Sm:           | 13.4 | UGC 7971 MCG 9-21-50 DDO150 CGCG 270-25 1ZW43 PGC 43255                                   |
| NGC 4711         |     | H412-2 | Glxy Sb:           | 14.2 | IC 3804 PGC 43286 UGC 7973 MCG 6-28-33 CGCG 188-22 IRAS 12463+3536                        |
| NGC 4719         |     | H424-3 | Glxy SB(s)b        | 14   | UGC 7987 MCG 6-28-35 MK 446 CGCG 188-24 IRAS 12477+3325 KARA553 KUG 1247+334 PGC 43428    |
| NGC 4736         | M94 |        | Glxy (R)SA(r)ab    | 9    | M 94 UGC 848 MCG 0-4-79 CGCG 385-65 PGC 43495                                             |
| NGC 4737         |     | H496-3 | Glxy Sab           | 15.3 | MCG 6-28-36 CGCG 188-25 PGC 43490                                                         |
| NGC 4741         |     | H721-3 | Glxy Scd:          | 14.4 | UGC 8000 MCG 8-23-98 CGCG 244-45 CGCG 245-3 PGC 43504                                     |
| NGC 4774         |     | H618-3 | Glxy Ring:         | 14.8 | MCG 6-28-37 CGCG 188-26 ARAK392 1ZW45 VV 789 IRAS 12507+3705 KUG 1250+370 PGC 43759       |
| NGC 4800         |     | H211-1 | Glxy SA(rs)b       | 12.3 | UGC 8035 MCG 8-24-4 CGCG 245-5 ARAK393 IRAS 12523+4648 PGC 43931                          |
| NGC 4834         |     | H817-3 | Glxy Sbc           | 15.5 | MCG 9-21-67 CGCG 270-34 PGC 44136                                                         |
| NGC 4837         |     |        | Glxy Pec           | 14.4 | UGC 8068 MCG 8-24-11 CGCG 245-6 1ZW46 IRAS 12545+4834 PGC 44188                           |
| NGC 4846         |     |        | Glxy S?            | 14.5 | UGC 8079 MCG 6-29-2 CGCG 188-32 CGCG 189-4 IRAS 12554+3637 KARA561 KUG 1255+366 PGC 44362 |
| NGC 4861         |     | H30-4  | Glxy SB(s)m:       | 12.9 | IC 3961 UGC 8098 MCG 6-29-3 CGCG 189-5 1ZW49 VV 797 ARP 266 KUG 1256+351 PGC 44536        |
| NGC 4868         |     | H644-2 | Glxy SAab?         | 13   | UGC 8099 MCG 6-29-4 CGCG 189-8 IRAS 12567+3734 KUG 1256+375 PGC 44557                     |
| NGC 4870         |     |        | Glxy               |      | PGC 44569                                                                                 |



# Canes Venatici - The Hunting Dogs

|           |     | By NGC/IC Number |                 |      |                                                                                           |
|-----------|-----|------------------|-----------------|------|-------------------------------------------------------------------------------------------|
| Catalog   | M   | Her              | Object Type     | Mag  | Alias/Notes                                                                               |
| NGC 4893A |     |                  | Non-Existent    |      |                                                                                           |
| NGC 4893  |     |                  | Glxy Sb         | 15.6 | IC 4015 ic 4016 PGC 44690 UGC 8111 MCG 6-29-8 CGCG 189-10 VV 222                          |
| NGC 4901  |     |                  | Glxy S          | 15.3 | UGC 8112 MCG 8-24-19 CGCG 245-9 PGC 44684                                                 |
| NGC 4912  |     |                  | Non-Existent    |      | NGC 4914                                                                                  |
| NGC 4913  |     |                  | Non-Existent    |      |                                                                                           |
| NGC 4914  |     | H645-2           | Glxy E          | 11.5 | NGC 4912 PGC 44807 UGC 8125 MCG 6-29-14 CGCG 189-13                                       |
| NGC 4916  |     |                  | Glxy            |      | PGC 44801                                                                                 |
| NGC 4917  |     |                  | Glxy (R')SB(s)b | 14.6 | UGC 8130 MCG 8-24-23 CGCG 245-11 PGC 44838                                                |
| NGC 4932  |     | H818-3           | Glxy SA(r)c     | 14.3 | UGC 8150 MCG 9-21-89 CGCG 270-40 PGC 45015                                                |
| NGC 4938  |     |                  | Glxy S?         | 15.1 | MCG 9-21-91 CGCG 270-42 PGC 45044                                                         |
| NGC 4956  |     | H413-2           | Glxy S0         | 13.3 | UGC 8177 MCG 6-29-25 CGCG 189-17 PGC 45236                                                |
| NGC 4959  |     |                  | Glxy Sa         | 15.3 | MCG 6-29-29 CGCG 189-18 PGC 45301                                                         |
| NGC 4963  |     | H663-2           | Glxy S?         | 14.2 | UGC 8190 MCG 7-27-30 CGCG 217-10 IRAS 13035+4159 PGC 45315                                |
| NGC 4985  |     | H654-3           | Glxy S0         | 14.7 | UGC 8218 MCG 7-27-32 CGCG 217-12 PGC 45522                                                |
| NGC 4986  |     | H401-3           | Glxy SB(r)b     | 14   | UGC 8221 MCG 6-29-44 CGCG 189-27 PGC 45538                                                |
| NGC 4987  |     | H815-2           | Glxy E          | 14.4 | UGC 8216 MCG 9-22-15 CGCG 271-13 PGC 45502                                                |
| NGC 4998  |     | H819-3           | Glxy Sc         | 15.1 | MCG 9-22-17 CGCG 271-15 IRAS 13062+5054 PGC 45537                                         |
| NGC 5002  |     |                  | Glxy SBm:       | 14.4 | UGC 8254 MCG 6-29-51 CGCG 189-34 KUG 1308+368 PGC 45728                                   |
| NGC 5003  |     | H655-3           | Glxy Sa         | 15.1 | MCG 7-27-37 PGC 45732                                                                     |
| NGC 5005  |     | H96-1            | Glxy SAB(rs)bc  | 10.6 | UGC 8256 MCG 6-29-52 CGCG 189-35 IRAS 13086+3719 PGC 45749                                |
| NGC 5009  |     | H820-3           | Glxy SBb        | 15.3 | UGC 8258 MCG 8-24-61 CGCG 245-25 PGC 45739                                                |
| NGC 5014  |     | H414-2           | Glxy Sa? sp     | 13.5 | UGC 8271 MCG 6-29-55 MK 449 CGCG 189-37 IRAS 13092+3632 KUG 1309+365 PGC 45787            |
| NGC 5021  |     |                  | Glxy SBb        | 14.2 | UGC 8284 MCG 8-24-84 CGCG 245-30 IRAS 13099+4627 PGC 45834                                |
| NGC 5023  |     | H664-2           | Glxy Scd: sp    | 12.9 | UGC 8286 MCG 7-27-43 CGCG 217-17 PGC 45849                                                |
| NGC 5025  |     | H649-3           | Glxy Sb         | 14.2 | UGC 8292 MCG 5-31-155 CGCG 160-162 IRAS 13103+3204 PGC 45887                              |
| NGC 5029  |     |                  | Glxy E          | 14.1 | UGC 8293 MCG 8-24-87 CGCG 245-32 PGC 45880                                                |
| NGC 5033  |     | H97-1            | Glxy SA(s)c     | 10.8 | UGC 8307 MCG 6-29-62 CGCG 189-43 IRAS 13111+3651 PGC 45948                                |
| NGC 5040  |     | H816-2           | Glxy S          | 15.1 | MCG 9-22-31 CGCG 271-24 PGC 45945                                                         |
| NGC 5055  | M63 |                  | Glxy SA(rs)bc   | 9.3  | M 63 Sunflower Galaxy UGC 928 MCG 0-4-108 CGCG 385-91 PGC 46153                           |
| NGC 5074  |     | H309-3           | Glxy SAB pec?   | 14.4 | MCG 5-31-172 CGCG 161-1 CGCG 160-183 KUG 1316+317 PGC 46354                               |
| NGC 5083  |     |                  | Glxy SB(r)cd    | 14.9 | UGC 8367 MCG 7-27-59 CGCG 217-28 IRAS 13167+3951 PGC 46413                                |
| NGC 5093  |     | H633-3           | Glxy Sa         | 14.6 | UGC 8373 MCG 7-27-60 CGCG 217-29 PGC 46472                                                |
| NGC 5096  |     | H650-3           | Glxy E0         | 14.9 | MCG 6-29-76 CGCG 189-51 VV 633 PGC 46506                                                  |
| NGC 5098  |     |                  | Glxy            | 13.8 | MCG 6-29-78 CGCG 189-52 PGC 46529                                                         |
| NGC 5098B |     |                  | Glxy E-S0       | 14.6 |                                                                                           |
| NGC 5098A |     |                  | Glxy E          | 14.1 |                                                                                           |
| NGC 5103  |     | H665-2           | Glxy S?         | 13.6 | UGC 8388 MCG 7-27-62 CGCG 217-31 CGCG 218-1 PGC 46552                                     |
| NGC 5107  |     | H619-3           | Glxy SB(s)d? sp | 13.8 | UGC 8396 MCG 7-28-1 MK 1346 CGCG 217-33 CGCG 218-3 IRAS 13191+3847 KUG 1319+387 PGC 46636 |
| NGC 5112  |     | H646-2           | Glxy SB(rs)cd   | 12.6 | UGC 8403 MCG 7-28-3 CGCG 218-5 IRAS 13196+3859 KUG 1319+389 PGC 46671                     |
| NGC 5117  |     |                  | Glxy SBcd?      | 13.9 | UGC 8411 MCG 5-32-10 CGCG 161-37 PGC 46746                                                |
| NGC 5123  |     | H666-2           | Glxy Scd:       | 13.5 | UGC 8415 MCG 7-28-5 CGCG 218-6 IRAS 13209+4320 PGC 46767                                  |
| NGC 5127  |     | H328-2           | Glxy E pec      | 12.9 | UGC 8419 MCG 5-32-13 CGCG 161-42 PGC 46809                                                |
| NGC 5131  |     |                  | Glxy Sa         | 14.4 | UGC 8422 MCG 5-32-14 CGCG 161-43 PGC 46819                                                |
| NGC 5141  |     | H402-3           | Glxy S0         | 13.8 | UGC 8433 MCG 6-30-4 CGCG 190-6 CGCG 189-65 PGC 46906                                      |
| NGC 5142  |     | H403-3           | Glxy S0         | 14.2 | UGC 8435 MCG 6-30-6 MK 452 CGCG 189-66 CGCG 190-7 KUG 1322+366A                           |

# Canes Venatici - The Hunting Dogs

| By NGC/IC Number |     |        |                   |                                                                               |
|------------------|-----|--------|-------------------|-------------------------------------------------------------------------------|
| Catalog          | M   | Her    | Object Type       | Mag Alias/Notes                                                               |
|                  |     |        |                   | PGC 46919                                                                     |
| NGC 5143         |     |        | Glxy Spiral       | 15.6 MCG 6-30-5 CGCG 190-8 CGCG 189-67 KUG 1322+366B PGC 46918                |
| NGC 5145         |     | H667-2 | Glxy S?           | 13.3 UGC 8439 MCG 7-28-9 CGCG 218-10 IRAS 13230+4331 PGC 46934                |
| NGC 5149         |     | H404-3 | Glxy SBbc         | 13.8 UGC 8444 MCG 6-30-10 CGCG 190-10 IRAS 13238+3611 KUG 1323+361 PGC 47011  |
| NGC 5154         |     | H405-3 | Glxy Scd:         | 14.5 UGC 8447 MCG 6-30-11 CGCG 190-11 PGC 47041                               |
| NGC 5157         |     | H651-3 | Glxy SAB(r)a      | 14.1 UGC 8455 MCG 5-32-21 CGCG 161-56 PGC 47131                               |
| NGC 5166A        |     |        | Non-Existent      |                                                                               |
| NGC 5166         |     |        | Glxy Sb           | 14.3 UGC 8463 MCG 5-32-26 CGCG 161-62 IRAS 13259+3217 PGC 47234               |
| NGC 5166B        |     |        | Glxy Sb           | 14.8                                                                          |
| NGC 5169         |     |        | Glxy SB(rs)b:     | 14.3 UGC 8465 MCG 8-25-4 CGCG 246-2 PGC 47231                                 |
| NGC 5173         |     | H672-3 | Glxy E0:          | 13.1 UGC 8468 MCG 8-25-5 CGCG 246-3 PGC 47257                                 |
| NGC 5187         |     | H652-3 | Glxy S?           | 14.4 MCG 5-32-29 CGCG 161-69 KUG 1327+313 PGC 47393                           |
| NGC 5194         | M51 |        | Glxy SA(s)bc pec  | 9 M 51 Whirlpool Galaxy UGC 958 MCG 3-4-33 CGCG 459-48 PGC 47404              |
| NGC 5195         |     | H186-1 | Glxy l0 pec       | 10.5 UGC 8494 MCG 8-25-14 CGCG 246-9 VV 1 ARP 85 IRAS 13278+4731 PGC 47413    |
| NGC 5198         |     | H689-2 | Glxy E1-2:        | 12.7 UGC 8499 MCG 8-25-15 CGCG 246-10 1ZW59 PGC 47441                         |
| NGC 5199         |     | H406-3 | Glxy Compact      | 15 UGC 8504 MCG 6-30-24 CGCG 190-16 PGC 47492                                 |
| NGC 5214         |     | H656-3 | Glxy Scd:         | 14.3 UGC 8531 MCG 7-28-30 CGCG 218-21 KUG 1330+421 PGC 47675                  |
| NGC 5214A        |     |        | Non-Existent Sbc  | 15 PGC 47679                                                                  |
| NGC 5223         |     | H407-3 | Glxy E            | 14 UGC 8553 MCG 6-30-40 CGCG 190-25 PGC 47822                                 |
| NGC 5225         |     | H822-3 | Glxy S?           | 14.5 UGC 8540 MCG 9-22-78 CGCG 271-50 PGC 47731                               |
| NGC 5228         |     | H408-3 | Glxy S0-:         | 14.3 UGC 8556 MCG 6-30-43 CGCG 190-26 PGC 47837                               |
| NGC 5229         |     |        | Glxy SB(s)d? sp   | 14.3 UGC 8550 MCG 8-25-19 CGCG 246-13 PGC 47788                               |
| NGC 5233         |     | H425-3 | Glxy Sab          | 14.8 UGC 8568 MCG 6-30-47 CGCG 190-29 PGC 47895                               |
| NGC 5238         |     | H823-3 | Glxy SAB(s)dm     | 13.9 UGC 8565 MCG 9-22-82 CGCG 271-52 1ZW64 VV 828 PGC 47853                  |
| NGC 5240         |     | H409-3 | Glxy SB(s)cd?     | 13.8 UGC 8587 MCG 6-30-56 CGCG 190-34 PGC 47971                               |
| NGC 5243         |     | H620-3 | Glxy S            | 14.1 UGC 8592 MCG 7-28-36 CGCG 218-27 IRAS 13340+3836 PGC 48011               |
| NGC 5259         |     |        | Glxy E0           | 15.2 MCG 5-32-52 CGCG 161-105 PGC 48292                                       |
| NGC 5263         |     | H370-3 | Glxy S?           | 14.3 UGC 8648 MCG 5-32-58 CGCG 161-113 IRAS 13376+2839 KUG 1337+286 PGC 48333 |
| NGC 5265         |     | H410-3 | Glxy Irr          | 14.9 MCG 6-30-68 CGCG 190-40 KUG 1337+371 PGC 48354                           |
| NGC 5267         |     |        | Glxy SBb          | 14.3 UGC 8655 MCG 7-28-49 CGCG 218-36 PGC 48393                               |
| NGC 5271         |     |        | Glxy S?           | 15 MCG 5-32-65 CGCG 161-120 PGC 48477                                         |
| NGC 5272         | M3  |        | Globular          | 6.3 M 3                                                                       |
| NGC 5273         |     | H98-1  | Glxy SA(s)0^      | 12.4 UGC 8675 MCG 6-30-72 CGCG 190-41 PGC 48521                               |
| NGC 5274         |     |        | Glxy E            | 15.6 MCG 5-32-66 CGCG 161-125 PGC 48536                                       |
| NGC 5275         |     |        | Glxy S?           | 14.2 MCG 5-32-67 CGCG 161-124 VV 543 PGC 48544                                |
| NGC 5276         |     |        | Glxy SAB(s)b      | 14.6 UGC 8680 MCG 6-30-74 CGCG 190-43 IRAS 13400+3553 KUG 1340+358 PGC 48542  |
| NGC 5277         |     |        | Glxy S?           | 15.4 CGCG 161-129 KUG 1340+302 PGC 48563                                      |
| NGC 5280         |     |        | Glxy E?           | 13.6 MCG 5-32-72 CGCG 161-131 PGC 48580                                       |
| NGC 5282         |     |        | Glxy S?           | 14.2 UGC 8687 MCG 5-32-75 CGCG 161-133 PGC 48614                              |
| NGC 5287         |     |        | Glxy L            | 16.3 MCG 5-32-79 PGC 48741                                                    |
| NGC 5289         |     | H668-2 | Glxy (R)SABab: sp | 14 UGC 8699 MCG 7-28-58 CGCG 218-42 IRAS 13430+4145 PGC 48749                 |
| NGC 5290         |     | H170-1 | Glxy Sbc: sp      | 13.3 UGC 8700 MCG 7-28-61 CGCG 218-43 IRAS 13432+4157 PGC 48767               |
| NGC 5296         |     |        | Glxy S0+:         | 15.1 MCG 7-28-62 CGCG 218-44 PGC 48811                                        |
| NGC 5297         |     | H180-1 | Glxy SAB(s)c: sp  | 12.5 UGC 8709 MCG 7-28-63 CGCG 218-45 IRAS 13442+4407 PGC 48815               |

# Canes Venatici - The Hunting Dogs

|           |   | By NGC/IC Number |                     |      |                                                                                            |
|-----------|---|------------------|---------------------|------|--------------------------------------------------------------------------------------------|
| Catalog   | M | Her              | Object Type         | Mag  | Alias/Notes                                                                                |
| NGC 5301  |   | H688-2           | Glxy SA(s)bc: sp    | 13.4 | UGC 8711 MCG 8-25-41 CGCG 246-23 IRAS 13443+4621 PGC 48816                                 |
| NGC 5303  |   | H681-3           | Glxy Pec            | 13.4 | UGC 8725 MCG 7-28-67 CGCG 218-47 ARAK428 IRAS 13455+3833 KUG 1345+385A PGC 48917           |
| NGC 5303A |   |                  | Non-Existent        |      |                                                                                            |
| NGC 5303B |   |                  | Non-Existent        |      |                                                                                            |
| NGC 5305  |   | H621-3           | Glxy SB(r)b         | 14.4 | UGC 8729 MCG 6-30-87 CGCG 190-57 PGC 48930                                                 |
| NGC 5311  |   | H710-2           | Glxy S0/a           | 13.3 | UGC 8735 MCG 7-28-72 CGCG 218-52 IRAS 13467+4014 PGC 49011                                 |
| NGC 5312  |   | H422-3           | Glxy S0/a           | 14.9 | MCG 6-30-92 CGCG 190-61 PGC 49075                                                          |
| NGC 5313  |   | H711-2           | Glxy Sb?            | 12.8 | UGC 8744 MCG 7-28-74 CGCG 218-54 IRAS 13475+4013 PGC 49069                                 |
| NGC 5318  |   | H423-3           | Glxy S0?            | 13.4 | UGC 8751 MCG 6-30-96 CGCG 190-63 PGC 49139                                                 |
| NGC 5319  |   |                  | Glxy Spiral         | 15   | MCG 6-30-95 PGC 49124                                                                      |
| NGC 5320  |   | H669-2           | Glxy SAB(rs)c:      | 12.8 | UGC 8749 MCG 7-28-76 CGCG 218-56 CGCG 219-1 IRAS 13482+4136 PGC 49112                      |
| NGC 5321  |   |                  | Glxy S0/a           | 15.1 | MCG 6-30-101 CGCG 190-65 PGC 49148                                                         |
| NGC 5325A |   |                  | Non-Existent        |      |                                                                                            |
| NGC 5325  |   |                  | Glxy SB(s)m:        | 15   | MCG 7-28-80 CGCG 218-62 CGCG 219-7 KUG 1348+385 PGC 49163                                  |
| NGC 5325B |   |                  | Non-Existent        |      |                                                                                            |
| NGC 5326  |   | H712-2           | Glxy SAa:           | 12.9 | UGC 8764 MCG 7-28-82 CGCG 218-61 CGCG 219-6 PGC 49157                                      |
| NGC 5336  |   | H670-2           | Glxy Scd:           | 13.5 | UGC 8785 MCG 7-29-3 CGCG 219-11 CGCG 218-66 IRAS 13500+4329 PGC 49250                      |
| NGC 5337  |   | H698-3           | Glxy S?             | 13.5 | UGC 8789 MCG 7-29-4 CGCG 219-12 PGC 49275                                                  |
| NGC 5341  |   |                  | Glxy S?             | 14.2 | UGC 8792 MCG 6-31-2 CGCG 190-69 CGCG 191-2 IRAS 13503+3803 KUG 1350+380 PGC 49285          |
| NGC 5346  |   |                  | Glxy Scd:           | 14.5 | UGC 8804 MCG 7-29-7 CGCG 219-14 KUG 1350+398 PGC 49322                                     |
| NGC 5347  |   | H424-2           | Glxy (R')SB(rs)ab   | 13.4 | UGC 8805 MCG 6-31-7 CGCG 191-7 IRAS 13510+3344 PGC 49342                                   |
| NGC 5349  |   |                  | Glxy SBb            | 14.9 | UGC 8803 MCG 6-31-5 CGCG 190-72 CGCG 191-6 IRAS 13510+3807 PGC 49336                       |
| NGC 5350  |   | H713-2           | Glxy SB(r)b         | 11.3 | UGC 8810 MCG 7-29-9 MK 1485 CGCG 219-17 IRAS 13512+4036 KUG 1351+406 Hickson 68C PGC 49347 |
| NGC 5351  |   | H697-2           | Glxy SA(r)b:        | 13   | UGC 8809 MCG 6-31-8 CGCG 191-8 CGCG 190-73 IRAS 13513+3809 KUG 1351+381 PGC 49359          |
| NGC 5352  |   | H415-2           | Glxy S0-:           | 14   | UGC 8812 MCG 6-31-11 CGCG 191-9 PGC 49370                                                  |
| NGC 5353  |   | H714-2           | Glxy S0 sp          | 10.9 | UGC 8813 MCG 7-29-10 CGCG 219-18 Hickson 68A PGC 49356                                     |
| NGC 5354  |   | H715-2           | Glxy S0 sp          | 11.3 | UGC 8814 MCG 7-29-11 CGCG 219-19 Hickson 68B PGC 49354                                     |
| NGC 5355  |   | H699-3           | Glxy S0?            | 14   | UGC 8819 MCG 7-29-12 CGCG 219-20 Hickson 68D PGC 49380                                     |
| NGC 5358  |   |                  | Glxy S0/a           | 14.6 | UGC 8826 MCG 7-29-13 CGCG 219-22 Hickson 68E PGC 49389                                     |
| NGC 5361  |   | H682-3           | Glxy S?             | 14.8 | MCG 7-29-15 CGCG 219-25 IRAS 13524+3841 KUG 1352+386 PGC 49441                             |
| NGC 5362  |   | H671-2           | Glxy Sb? pec        | 13.1 | UGC 8835 MCG 7-29-16 CGCG 219-26 IRAS 13527+4133 KUG 1352+415 PGC 49464                    |
| NGC 5371  |   | H716-2           | Glxy SBbc           | 10.5 | NGC 5390 PGC 49514 UGC 8846 MCG 7-29-20 CGCG 219-29 IRAS 13535+4042                        |
| NGC 5375  |   | H125-3           | Glxy SB(r)ab        | 12.4 | PGC 49604 UGC 8865 MCG 5-33-27 CGCG 162-35 IRAS 13546+2924 KARA605                         |
| NGC 5377  |   | H187-1           | Glxy (R)SB(s)a      | 12.2 | UGC 8863 MCG 8-25-52 CGCG 246-27 IRAS 13542+4729 KARA604 PGC 49563                         |
| NGC 5378  |   |                  | Glxy (R')SB(r)a     | 13.4 | UGC 8869 MCG 6-31-27 CGCG 191-20 PGC 49598                                                 |
| NGC 5380  |   | H698-2           | Glxy SA0-           | 13.3 | UGC 8870 MCG 6-31-28 CGCG 191-21 PGC 49605                                                 |
| NGC 5383  |   | H181-1           | Glxy (R')SB(rs)b: p | 12.1 | UGC 8875 MCG 7-29-23 MK 281 CGCG 219-33 IRAS 13550+4205 KUG 1355+420 PGC 49618             |
| NGC 5390  |   |                  | Non-Existent        |      | NGC 5371                                                                                   |
| NGC 5391  |   |                  | Glxy Sc             | 16   | MCG 8-25-54 PGC 49609                                                                      |
| NGC 5394  |   | H191-1           | Glxy SB(s)b pec     | 13.7 | UGC 8898 MCG 6-31-33 CGCG 191-24 VV 48 ARP 84 IRAS 13564+3741 KUG 1356+376A PGC 49739      |

# Canes Venatici - The Hunting Dogs

| By NGC/IC Number |   |        |                  |                                                                                      |
|------------------|---|--------|------------------|--------------------------------------------------------------------------------------|
| Catalog          | M | Her    | Object Type      | Mag Alias/Notes                                                                      |
| NGC 5395         |   | H190-1 | Glxy SA(s)b pec  | 12.1 UGC 8900 MCG 6-31-34 CGCG 191-26 1ZW77 VV 48 ARP 84 KUG 1356+376B PGC 49747     |
| NGC 5396         |   |        | Non-Existent     |                                                                                      |
| NGC 5399         |   | H411-3 | Glxy S?          | 14.8 UGC 8912 MCG 6-31-39 CGCG 191-27 IRAS 13573+3500 PGC 49799                      |
| NGC 5401         |   | H412-3 | Glxy Sa          | 14.6 UGC 8916 MCG 6-31-40 CGCG 191-28 PGC 49810                                      |
| NGC 5403         |   | H683-3 | Glxy SB(s)b: sp  | 14.4 UGC 8919 MCG 6-31-41 CGCG 191-29 VV 310 IRAS 13577+3825 PGC 49820               |
| NGC 5406         |   | H699-2 | Glxy SAB(rs)bc   | 13.1 UGC 8925 MCG 7-29-31 CGCG 219-38 IRAS 13582+3909 PGC 49847                      |
| NGC 5407         |   | H684-3 | Glxy E?          | 14.1 UGC 8930 MCG 7-29-33 CGCG 219-40 PGC 49890                                      |
| NGC 5410         |   | H672-2 | Glxy SB?         | 14 UGC 8931 MCG 7-29-34 CGCG 219-41 VV 256 KUG 1358+412A PGC 49893                   |
| NGC 5421B        |   |        | Glxy C           | 13.2 NGC 5421 UGC 8941 MCG 6-31-45 MK 665 CGCG 191-33 1ZW78 VV 120 ARP 111 PGC 49950 |
| NGC 5421         |   |        | Non-Existent SB? | 14.2 NGC 5421A, NGC5421B (not listed in MS)                                          |
| NGC 5421A        |   |        | Glxy SB?         | 13.2 NGC 5421 UGC 8941 MCG 6-31-45 MK 665 CGCG 191-33 1ZW78 VV 120 ARP 111 PGC 49950 |
| NGC 5433         |   | H653-3 | Glxy Sdm:        | 14.1 UGC 8954 MCG 6-31-50 CGCG 191-38 IRAS 14003+3245 PGC 50012                      |
| NGC 5439         |   |        | Glxy Sa          | 14.7 UGC 8947 MCG 8-26-2 CGCG 247-3 IRAS 14000+4632 KARA609 PGC 49965                |
| NGC 5440         |   | H416-2 | Glxy Sa          | 13.2 UGC 8963 MCG 6-31-52 CGCG 191-40 PGC 50042                                      |
| NGC 5441         |   |        | Glxy Spiral      | 16.3 MCG 6-31-53 PGC 50057                                                           |
| NGC 5444         |   | H417-2 | Glxy E+:         | 12.8 UGC 8974 MCG 6-31-54 CGCG 191-41 PGC 50080                                      |
| NGC 5445         |   | H413-3 | Glxy S0?         | 14 UGC 8976 MCG 6-31-55 CGCG 191-42 PGC 50090                                        |

**Total: 508**