| **Spring 12 Coma Berenices (57 objects)** | | | | |
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| **Object** | **Type** | **Mag** | **Size** | **Information** |
| NGC 4064 | GX | 10.7 | 4.6'x1.7' | R12:04:11.0 D+18:26:36 *Coma Berenicis* Type: SBa, SB: 12.8, mag\_b: 11.6 |
| 2 Com | \* F0 | 5.80 |  | R12:04:16.6 D21:27:33.1 *Coma* SAO 82123 |
| NGC 4136 | GX | 11.1 | 3.9'x3.6' | R12:09:17.8 D+29:55:40 *Coma Berenicis* Type: SBc, SB: 13.8, mag\_b: 11.8 |
| NGC 4153 | GC | 10.4 | 4.4' | R12:10:06.2 D+18:32:33 *Coma Berenicis* Type: VI |
| NGC 4150 | GX | 11.4 | 2.3'x1.6' | R12:10:33.6 D+30:24:07 *Coma Berenicis* Type: S0, SB: 12.7, mag\_b: 12.4 |
| NGC 4189 | GX | 11.8 | 2.5'x1.7' | R12:13:47.2 D+13:25:29 *Coma Berenicis* Type: SBc, SB: 13.2, mag\_b: 12.5 |
| PGC 39028 | GX | 10.1 | 7.2'x1.7' | R12:13:48.292 D+14:54:01.69 *Coma* Sb |
| HD 106365 | \*A G5 \*B \*C | 6.99 8.61 13.80 | AB 26.84" BC 2.97" | R12:14:06.61 D32:47:03.2 *Coma* WDS 12141+3247,SAO 62904 |
| NGC 4203 | GX | 10.7 | 3.5'x3.2' | R12:15:05.0 D+33:11:51 *Coma Berenicis* Type: E/SB0, SB: 13.4, mag\_b: 11.7 |
| NGC 4208 | GX | 11.1 | 3.2'x2.0' | R12:15:39.2 D+13:54:07 *Coma Berenicis* Type: Sc, SB: 13.0, mag\_b: 11.8 |
| NGC 4237 | GX | 11.8 | 2.1'x1.4' | R12:17:11.4 D+15:19:24 *Coma Berenicis* Type: SBbc, SB: 12.8, mag\_b: 12.6 |
| NGC 4245 | GX | 11.4 | 2.9'x2.2' | R12:17:36.9 D+29:36:27 *Coma Berenicis* Type: SB0-a, SB: 13.3, mag\_b: 12.3 |
| NGC 4251 | GX | 10.6 | 3.6'x1.5' | R12:18:08.4 D+28:10:31 *Coma Berenicis* Type: SB0, SB: 12.3, mag\_b: 11.6 |
| *Coma Pinwheel Galaxy* M 99 | GX | 9.7 | 5.3'x4.6' | R12:18:49.3 D+14:25:03 *Coma Berenicis* Type: Sc, SB: 13.0, mag\_b: 10.4 *Pinwheel Galaxy* |
| NGC 4274 | GX | 10.5 | 6.8'x2.4' | R12:19:50.8 D+29:36:49 *Coma Berenicis* Type: SBab, SB: 13.4, mag\_b: 11.3 |
| NGC 4275 | GX | 12.8 | 1.1'x1.0' | R12:19:52.6 D+27:37:16 *Coma Berenicis* Type: Sb, SB: 12.8, mag\_b: 13.6 |
| NGC 4278 | GX | 10.1 | 3.8'x3.8' | R12:20:06.7 D+29:16:49 *Coma Berenicis* Type: E1, SB: 13.1, mag\_b: 11.1 |
| NGC 4293 | GX | 10.3 | 5.6'x2.6' | R12:21:12.9 D+18:22:58 *Coma Berenicis* Type: SB0-a, SB: 13.1, mag\_b: 11.2 |
| NGC 4298 | GX | 11.4 | 3.2'x1.9' | R12:21:32.9 D+14:36:24 *Coma Berenicis* Type: Sc, SB: 13.2, mag\_b: 12.1 |
| NGC 4312 | GX | 11.8 | 4.6'x1.1' | R12:22:31.4 D+15:32:17 *Coma Berenicis* Type: Sab, SB: 13.4, mag\_b: 12.6 |
| NGC 4314 | GX | 10.5 | 4.2'x3.7' | R12:22:31.8 D+29:53:45 *Coma Berenicis* Type: SBa, SB: 13.3, mag\_b: 11.4 |
| M 100 | GX | 9.3 | 7.5'x6.1' | R12:22:54.9 D+15:49:22 *Coma Berenicis* Type: SBbc, SB: 13.3, mag\_b: 10.1 |
| NGC 4350 | GX | 11.0 | 2.9'x1.6' | R12:23:57.8 D+16:41:36 *Coma Berenicis* Type: S0, SB: 12.6, mag\_b: 12.0 |
| Melotte 111 | OC |  | 120.0' | R12:25:06 D26:06:00 *Coma* |
| NGC 4377 | GX | 11.7 | 1.7'x1.3' | R12:25:12.4 D+14:45:44 *Coma Berenicis* Type: E-S0, SB: 12.6, mag\_b: 12.7 |
| NGC 4379 | GX | 11.6 | 2.0'x1.6' | R12:25:14.7 D+15:36:28 *Coma Berenicis* Type: E-S0, SB: 12.9, mag\_b: 12.6 |
| M 85 | GX | 9.1 | 7.1'x5.5' | R12:25:23.9 D+18:11:27 *Coma Berenicis* Type: S0-a, SB: 13.0, mag\_b: 10.0 |
| NGC 4394 | GX | 10.9 | 3.4'x3.2' | R12:25:55.6 D+18:12:51 *Coma Berenicis* Type: SBb, SB: 13.3, mag\_b: 11.7 |
| NGC 4414 | GX | 10.3 | 4.4'x3.0' | R12:26:27.1 D+31:13:25 *Coma Berenicis* Type: Sc, SB: 13.0, mag\_b: 11.0 |
| NGC 4419 | GX | 11.2 | 3.3'x1.2' | R12:26:56.4 D+15:02:52 *Coma Berenicis* Type: SBa, SB: 12.5, mag\_b: 12.1 |
| NGC 4421 | GX | 11.5 | 2.7'x2.0' | R12:27:02.5 D+15:27:39 *Coma Berenicis* Type: SB0-a, SB: 13.2, mag\_b: 12.4 |
| NGC 4448 | GX | 11.2 | 3.9'x1.4' | R12:28:15.5 D+28:37:17 *Coma Berenicis* Type: SBab, SB: 12.9, mag\_b: 12.0 |
| NGC 4450 | GX | 10.1 | 5.4'x4.1' | R12:28:29.3 D+17:05:03 *Coma Berenicis* Type: Sab, SB: 13.3, mag\_b: 10.9 |
| NGC 4459 | GX | 10.4 | 3.5'x2.7' | R12:29:00.0 D+13:58:43 *Coma Berenicis* Type: S0-a, SB: 12.7, mag\_b: 11.3 |
| *Markarian's Chain* NGC 4473 | GX | 10.2 | 4.5'x2.5' | R12:29:48.7 D+13:25:47 *Coma Berenicis* Type: E5, SB: 12.9, mag\_b: 11.2 |
| NGC 4474 | GX | 11.5 | 2.4'x1.6' | R12:29:53.3 D+14:04:07 *Coma Berenicis* Type: S0, SB: 12.8, mag\_b: 12.5 |
| *Markarian's Chain* NGC 4477 | GX | 10.4 | 3.7'x3.3' | R12:30:02.0 D+13:38:13 *Coma Berenicis* Type: SB0, SB: 13.0, mag\_b: 11.4 |
| NGC 4494 | GX | 9.7 | 4.8'x3.5' | R12:31:24.1 D+25:46:31 *Coma Berenicis* Type: E1, SB: 12.8, mag\_b: 10.7 |
| M 88 | GX | 9.4 | 6.8'x3.7' | R12:31:59.0 D+14:25:11 *Coma Berenicis* Type: Sb, SB: 12.8, mag\_b: 10.2 |
| 24 Com | \* K0 | 5.20 |  | R12:35:07.8 D18:22:37.4 *Coma* SAO 100160 |
| M 91 | GX | 10.1 | 5.2'x4.2' | R12:35:26.4 D+14:29:47 *Coma Berenicis* Type: SBb, SB: 13.3, mag\_b: 10.9 |
| PGC 42002 | GX | 10.0 | 6.7'x3.2' | R12:35:57.689 D+27:57:35.14 *Coma* SABcd |
| *Needle Galaxy* PGC 42038 | GX | 12.4 | 7.5'x2.4' | R12:36:20.804 D+25:59:14.61 *Coma* Sab |
| NGC 4651 | GX | 10.6 | 4.0'x2.7' | R12:43:42.5 D+16:23:37 *Coma Berenicis* Type: Sc/P, SB: 13.0, mag\_b: 11.3 |
| NGC 4689 | GX | 10.7 | 4.3'x3.5' | R12:47:45.7 D+13:45:44 *Coma Berenicis* Type: Sbc, SB: 13.5, mag\_b: 11.5 |
| NGC 4710 | GX | 11.0 | 4.9'x1.2' | R12:49:38.7 D+15:09:53 *Coma Berenicis* Type: S0-a, SB: 12.8, mag\_b: 11.9 |
| NGC 4725 | GX | 9.3 | 10.7'x7.6' | R12:50:26.5 D+25:30:00 *Coma Berenicis* Type: SBab/P, SB: 13.9, mag\_b: 10.1 |
| 35 Com | \* K0 | 5.10 |  | R12:53:17.8 D21:14:41.5 *Coma* SAO 82550 |
| NGC 4793 | GX | 11.6 | 2.9'x1.5' | R12:54:40.7 D+28:56:17 *Coma Berenicis* Type: SBc, SB: 13.0, mag\_b: 12.3 |
| *Black Eye Galaxy* M 64 | GX | 8.5 | 10.0'x5.4' | R12:56:43.8 D+21:40:59 *Coma Berenicis* Type: Sab, SB: 12.7, mag\_b: 9.3 |
| NGC 4865 | GX | 13.6 | 0.9'x0.5' | R12:59:20.0 D+28:05:03 *Coma Berenicis* Type: E3, SB: 12.8, mag\_b: 14.6 |
| NGC 4872 | GX | 14.4 | 0.5'x0.3' | R12:59:34.3 D+27:56:48 *Coma Berenicis* Type: SB0, SB: 12.2, mag\_b: 15.4 |
| NGC 4889 | GX | 11.5 | 2.8'x2.0' | R13:00:08.3 D+27:58:35 *Coma Berenicis* Type: E, SB: 13.4, mag\_b: 12.5 |
| M 53 | GC | 7.7 | 13.0' | R13:12:55.3 D+18:10:11 *Coma Berenicis* Type: V |
| NGC 5053 | GC | 9.0 | 10.0' | R13:16:27.0 D+17:41:55 *Coma Berenicis* Type: XI |
| HD 115404 | \*A K1V \*B M1V \*C \*D | 6.66 9.50 12.60 13.30 | AB 7.80" AC 127.69" AD 35.43" | R13:16:51.05 D17:01:01.9 *Coma* WDS 13169+1701,SAO 100491 |
| NGC 5172 | GX | 11.8 | 3.4'x1.8' | R13:29:19.0 D+17:03:06 *Coma Berenicis* Type: SBbc, SB: 13.6, mag\_b: 12.6 |