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<u>Post annotation</u> The revised RC3 catalog (23011 rows)

Third Reference Cat. of Bright Galaxies (RC3) (de Vaucouleurs+ 1991)

The revised RC3 catalog (23011 rows)

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1	00 15 31.081	+17 19 35.93	00	15	31.0	+17	19 36	NGC 57	.E	-5.0	13.14	5440
		+29 44 42.86							.E*.	-5.0		
		+43 39 44.79							.E	-5.0	14.80	5104
4	00 38 29.179	+29 30 41.86	00	38	29.1	+29 3	30 42	NGC 183	.E	-5.0	13.37	5296
		+03 02 10.01	_						.E	-5.0	13.46	
<u>6</u>		+30 35 14.85	_						.E?.	-5.0	13.44	5451
<u>Z</u>		+32 29 01.84	_						.E.2	-5.0	13.63	
		+32 24 12.84							.E*.	-5.0	14.22	
		+32 17 32.85							.E.3	-5.0	14.08	
		+32 21 43.84							.E.3.*.	-5.0	14.98	
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		+13 03 17.96							.Е	-5.0 -5.0	13.60	
		+36 16 30.83						1100 077	.E	-5.0	13.77	
		+08 15 24.98							.E	-5.0	13.58	
		+08 18 00.98	_						.Е*.	-5.0	14.59	-
		+36 09 05.83							.Е	-5.0	13.70	$\overline{}$
		-00 08 59.97							.E?.	-5.0	14.24	
		+05 37 44.00							.E.0.*.	-5.0	12.35	-
		+33 12 23.85							.EP.	-5.0	12.89	
		+36 20 31.83							.E	-5.0	13.40	
		+18 57 17.92	_						.E.3.*.	-5.0	13.91	
		+38 01 14.82							.E	-5.0	13.12	
		+31 25 45.86							.E.1	-5.0	12.34	
		+28 59 16.87							.E	-5.0	13.47	4730
<u>28</u>	02 08 21.170	+10 59 43.97	02	08	21.1	+10 5	59 44	NGC 821	.E.6.\$.	-5.0	12.12	1718
<u>29</u>	02 25 22.965	+42 02 07.82	02	25	22.9	+42 (02 08	NGC 909	.E	-5.0	14.28	4899
<u>30</u>	02 25 42.465	+41 57 21.82	02	25 -	42.4	+41 5	57 22	NGC 911	.E	-5.0	13.73	5604
		+01 09 39.02							.E	-5.0	14.52	1518
		+41 03 34.82							.E	-5.0	14.65	-
		+20 16 59.92							.E	-5.0	13.43	4089
		+34 28 46.85							.E	-5.0	13.18	-
		+11 38 28.97							.E	-5.0	13.40	
		+50 47 59.79							.E		14.55	
		+37 27 57.85	-						.E		13.46	
		+41 34 48.83	_								13.50	
		+41 45 15.84							.E*.		14.40	-
		+41 28 17.84	_								13.70	
		+41 37 47.84									14.40	$\overline{}$
		+41 22 04.85									13.70	
		+41 23 33.85									14.30	
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		+73 15 47.83									13.14	$\overline{}$
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	52	07	15	32 724	+64	55	32.05	07	15	32.7	+64	55	32	IC 2179	.E.1+	-5 N	13 42	4336
	_	_		35.147				-			_		_		.E?.		14.02	
	_	_						-			-		_	IC 2196			13.72	
	_							_					_	NGC 2418		-5.0	13.16	5057
<u></u>	<u>6</u>	07	43	18.741	+52	19	05.08	07	43	18.7	+52	19	05	NGC 2426	.E	-5.0	14.13	5858
[57	07	43	36.643	+49	40	80.00	07	43	36.6	+49	40	00	IC 471	.E	-5.0	14.30	5519
				08.839											.E		14.07	
	_	_						-			_		_	NGC 2476		-	13.39	
																-		
				23.155												-	14.22	
<u>(</u>	<u>51</u>	80	01	57.656	+08	33	10.05	80	01	57.6	+08	33	10	NGC 2508	.E?.	-5.0	13.71	4378
6	<u> 32</u>	80	02	25.056	+09	24	46.05	80	02	25.0	+09	24	46	NGC 2513	.E	-5.0	12.81	4662
ϵ	33	08	12	53.140	+55	40	24.12	08	12	53.1	+55	40	24	NGC 2534	.E.1.\$P	-5.0	13.58	3676
	_	_		20.524				-			-		_		.E?.		14.08	
	_	_						_					-	NGC 2592		-	13.28	
	_	_						_					-					
	_	_						-					_	NGC 2636		-	14.47	
_	_							_					_	NGC 2634				
<u>6</u>	<u>8</u>	80	49	22.357	+19	04	30.08	80	49	22.3	+19	04	30	NGC 2672	.E.1+	-5.0	12.14	4255
6	<u> 59</u>	80	56	58.647	+51	19	49.16	80	56	58.6	+51	19	49	NGC 2694	.E.1	-5.0	14.70	5123
7	70	08	56	59.447	+51	20	51.16	08	56	59.4	+51	20	51	NGC 2693	.E.3.*.	-5.0	12.58	4886
														NGC 2749			12.91	
	_	_						_					_	NGC 2768		-		
	_	_						-					_					
														NGC 2778			13.10	
														NGC 2810		-	13.18	
	_	_						_					-	NGC 2872		-5.0	12.61	3014
_ 2	<u> 76</u>	09	40	24.760	+14	55	20.09	09	40	24.7	+14	55	20	NGC 2954	.E	-5.0	13.37	3821
2	77	09	43	30.358	+31	58	34.15	09	43	30.3	+31	58	34	NGC 2970	.E.1.*.	-5.0	14.93	1664
7	78	09	58	07.162	+10	21	40.07	09	58	07.1	+10	21	40	NGC 3070	.E	-5.0	13.03	5392
	_	_						-			-		_	NGC 3193			12.10	
														NGC 3226				
	_	_						-			-		_	NGC 3265			13.87	
														NGC 3325		-	13.67	
	_	_						_					-	NGC 3348		-	11.98	2837
8	<u> 34</u>	10	47	41.766	+13	59	00.10	10	47	41.7	+13	59	00	NGC 3377	.E.5+	-5.0	10.97	692
() r	40	4	10 000														
1 9	<u>55</u>	10	47	49.966	+12	34	57.09	10	47	49.9	+12	34	57	NGC 3379	.E.1	-5.0	10.28	889
														NGC 3379		-	10.28 14.12	
8	36	10	52	05.642	+71	46	29.29	10	52	05.6	+71	46	29		.E	-5.0	14.12	1181
<u> </u>	3 <u>6</u> 37	10 11	52 06	05.642 40.567	+71 +20	46 05	29.29 08.13	10 11	52 06	05.6 40.5	+71 +20	46 05	29 08	NGC 3522	.E .E	-5.0 -5.0	14.12 14.13	1181 1254
<u> </u>	3 <u>6</u> 37 38	10 11 11	52 06 14	05.642 40.567 00.068	+71 +20 +06	46 05 34	29.29 08.13 00.07	10 11 11	52 06 14	05.6 40.5 00.0	+71 +20 +06	46 05 34	29 08 00	NGC 3522 IC 678	.E .E	-5.0 -5.0 -5.0	14.12 14.13 14.90	1181 1254 968
<u> </u>	36 37 38 39	10 11 11 11	52 06 14 16	05.642 40.567 00.068 46.768	+71 +20 +06 +18	46 05 34 01	29.29 08.13 00.07 04.13	10 11 11 11	52 06 14 16	05.6 40.5 00.0 46.7	+71 +20 +06 +18	46 05 34 01	29 08 00 04	NGC 3522 IC 678 NGC 3605	.E .E .E.4+	-5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88	1181 1254 968 649
<u> </u>	36 37 38 39	10 11 11 11 11	52 06 14 16 16	05.642 40.567 00.068 46.768 58.768	+71 +20 +06 +18 +18	46 05 34 01 08	29.29 08.13 00.07 04.13 57.13	10 11 11 11 11	52 06 14 16 16	05.6 40.5 00.0 46.7 58.7	+71 +20 +06 +18 +18	46 05 34 01 08	29 08 00 04 57	NGC 3522 IC 678 NGC 3605 NGC 3608	.E .E .E.4+ .E.2	-5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73	1181 1254 968 649 1205
\frac{\xi}{2}	36 37 38 39 90	10 11 11 11 11 11	52 06 14 16 16	05.642 40.567 00.068 46.768 58.768 25.961	+71 +20 +06 +18 +18 +58	46 05 34 01 08 47	29.29 08.13 00.07 04.13 57.13 14.28	10 11 11 11 11 11	52 06 14 16 16 18	05.6 40.5 00.0 46.7 58.7 25.9	+71 +20 +06 +18 +18 +58	46 05 34 01 08 47	29 08 00 04 57 14	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610	.E .E .E.4+ .E.2 .E.5.*.	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42	1181 1254 968 649 1205 1787
\frac{\xi}{2}	36 37 38 39 90 91	10 11 11 11 11 11 11	52 06 14 16 16 18	05.642 40.567 00.068 46.768 58.768 25.961 36.261	+71 +20 +06 +18 +18 +58 +58	46 05 34 01 08 47	29.29 08.13 00.07 04.13 57.13 14.28 05.28	10 11 11 11 11 11 11	52 06 14 16 16 18	05.6 40.5 00.0 46.7 58.7 25.9 36.2	+71 +20 +06 +18 +18 +58 +58	46 05 34 01 08 47	29 08 00 04 57 14 05	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613	.E .E .E.4+ .E.2 .E.5.*.	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57	1181 1254 968 649 1205 1787 2054
\frac{\xi}{2}	36 37 38 39 90 91	10 11 11 11 11 11 11	52 06 14 16 16 18	05.642 40.567 00.068 46.768 58.768 25.961 36.261	+71 +20 +06 +18 +18 +58 +58	46 05 34 01 08 47	29.29 08.13 00.07 04.13 57.13 14.28 05.28	10 11 11 11 11 11 11	52 06 14 16 16 18	05.6 40.5 00.0 46.7 58.7 25.9 36.2	+71 +20 +06 +18 +18 +58 +58	46 05 34 01 08 47	29 08 00 04 57 14 05	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610	.E .E .E.4+ .E.2 .E.5.*.	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42	1181 1254 968 649 1205 1787 2054
\frac{\xi}{2}	36 37 38 39 90 91 92	10 11 11 11 11 11 11 11	52 06 14 16 16 18 18 21	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869	+71 +20 +06 +18 +18 +58 +58 +03	46 05 34 01 08 47 00 14	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05	10 11 11 11 11 11 11 11	52 06 14 16 16 18 18 21	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8	+71 +20 +06 +18 +18 +58 +58 +03	46 05 34 01 08 47 00 14	29 08 00 04 57 14 05 08	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613	.E .E .E.4+ .E.2 .E.5.* .E.6 .E.3	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57	1181 1254 968 649 1205 1787 2054 1314
	36 37 38 39 90 91 92 93	10 11 11 11 11 11 11 11 11	52 06 14 16 16 18 18 21 41	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870	+71 +20 +06 +18 +18 +58 +58 +03 +24	46 05 34 01 08 47 00 14 49	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16	10 11 11 11 11 11 11 11	52 06 14 16 16 18 18 21 41	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8	+71 +20 +06 +18 +18 +58 +58 +03 +24	46 05 34 01 08 47 00 14 49	29 08 00 04 57 14 05 08 16	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812	.E .E .E.4+ .E.2 .E.5.*. .E.6 .E.3	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37	1181 1254 968 649 1205 1787 2054 1314 3632
	36 37 38 39 90 91 92 93	10 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16	46 05 34 01 08 47 00 14 49 33	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12	10 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16	46 05 34 01 08 47 00 14 49 33	29 08 00 04 57 14 05 08 16 31	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853	.E .E .E.4+ .E.5.* .E.6 .E.3 .E.3 .E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44	1181 1254 968 649 1205 1787 2054 1314 3632 3349
	36 37 38 39 90 91 92 93 94 95	10 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19	46 05 34 01 08 47 00 14 49 33 46	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14	10 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19	46 05 34 01 08 47 00 14 49 33 46	29 08 00 04 57 14 05 08 16 31 28	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873	.E .E .E.4+ .E.5.* .E.6 .E.3 .E .E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507
	36 37 38 39 90 91 92 93 96 97	10 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13	46 05 34 01 08 47 00 14 49 33 46 45	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11	10 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13	46 05 34 01 08 47 00 14 49 33 46 45	29 08 00 04 57 14 05 08 16 31 28 58	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873	.E .E .E.4+ .E.2 .E.5.*. .E.6 .E.3 .E .E .E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186
	36 37 38 39 90 91 92 93 94 95 98	10 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45 48	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13	46 05 34 01 08 47 00 14 49 33 46 45 25	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30	10 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45 48	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 51.4	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59	46 05 34 01 08 47 00 14 49 33 46 45 25	29 08 00 04 57 14 05 08 16 31 28 58 01	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894	.E .E .E.4+ .E.2 .E.5.*. .E.6 .E.3 .E .E .E .E .E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223
	36 37 38 39 90 91 92 93 94 95 96 97	10 11 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45 48 58	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28	46 05 34 01 08 47 00 14 49 33 46 45 25	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18	10 11 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 44 45 45 48	05.6 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 51.4 17.2	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28	46 05 34 01 08 47 00 14 49 33 46 45 25	29 08 00 04 57 14 05 08 16 31 28 58 01 34	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 3894	.E .E .E.4+ .E.5.*. .E.6 .E.3 .E .E .E .E .E .E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562
	36 37 38 39 90 91 92 93 94 95 96 97 98	10 11 11 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 45 45 48 58	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32	10 11 11 11 11 11 11 11 11 11 11 11 11	52 06 14 16 18 18 21 41 45 45 45 48 58	05.64 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 51.4 17.2 55.8	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11	29 08 00 04 57 14 05 08 16 31 28 01 34 01	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121	.E .E .E.4+ .E.5.*. .E.6 .E.3 .E .E .E .E .E.5 .E.5 .E.5 .E.5	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197
	36 37 38 39 90 91 92 93 94 95 96 97 98 99	10 11 11 11 11 11 11 11 11 11 11 11 11 1	52 06 14 16 18 18 21 41 45 45 48 58 07	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32	10 11 11 11 11 11 11 11 11 11 11 11 11 1	52 06 14 16 18 18 21 41 45 45 48 58 07 08	05.66 40.5 00.0 46.7 58.7 25.9 36.2 07.8 28.6 45.6 49.0 51.4 17.2 55.8 07.2	+71 +20 +06 +18 +18 +58 +53 +03 +24 +16 +19 +13 +59 +28 +65 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125	.E .E .E.4+ .E.5.*. .E.6 .E.3 .E .E .E .E .E.5 .E.4+ .E.5 .E.4+ .E.5	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356
	36 37 38 39 90 91 92 93 94 95 96 97 98 99	10 11 11 11 11 11 11 11 11 11 11 11 11 1	52 06 14 16 18 18 21 41 45 45 48 58 07	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32	10 11 11 11 11 11 11 11 11 11 11 11 11 1	52 06 14 16 18 18 21 41 45 45 48 58 07 08	05.66 40.5 00.0 46.7 58.7 25.9 36.2 07.8 28.6 45.6 49.0 51.4 17.2 55.8 07.2	+71 +20 +06 +18 +18 +58 +53 +03 +24 +16 +19 +13 +59 +28 +65 +65	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121	.E .E .E.4+ .E.5.*. .E.6 .E.3 .E .E .E .E .E.5 .E.5 .E.5 .E.5	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356
	36 37 38 39 90 91 92 93 94 95 96 97 98 99	10 11 11 11 11 11 11 11 11 11 11 11 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474	+71 +20 +06 +18 +18 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11	10 11 11 11 11 11 11 11 11 11 11 11 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08	05.66 40.5 00.0 46.7 58.7 25.9 36.2 07.8 28.6 45.6 49.0 51.4 17.2 55.8 07.2 22.4	+71 +20 +06 +18 +18 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22 31	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125	.E .E .E.4+ .E.5.*. .E.6 .E.3 .E .E .E .E.5 .E.4+ .E.5 .E.5 .E.4+ .E.5	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804
	36 37 38 39 90 91 92 93 94 95 96 97 98 99 91 92 93	10 11 11 11 11 11 11 11 11 11 11 11 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +65 +65 +13 +13	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11 24.11	10 11 11 11 11 11 11 11 11 11 11 11 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12	05.66 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 17.2 55.8 07.2 22.4 16.5	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13 +13	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12	29 08 00 04 57 14 05 08 16 31 28 58 01 34 01 22 31	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4168	.EEE.4+E.5.*E.6EEEEEEEE.5E.6E.4+E.5E.6E.4+E.5E.6.P.	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284
\$\frac{\xi}{\xi}\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	36 37 38 39 90 91 92 93 94 95 96 97 98 99 90 91 92 93	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +28 +65 +65 +13 +13 +16	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11 24.11 55.13	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12 17	05.66 40.5 00.00 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 51.4 17.2 55.8 07.2 22.4 16.5 14.7	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +28 +65 +65 +13 +13 +16	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31	29 08 00 04 57 14 05 08 16 31 28 58 01 34 01 22 31 24 55	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4188 NGC 4239	.EEE.4+E.5.*E.6E.3EE.5E.5E.5E.6E.5E.6E.5E.5E.4+E.5E.6.PE.6.P.	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14 13.27	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284 921
	36 37 38 39 90 91 92 93 94 95 96 97 97 98 99 91 91 91 91 91 91 91 91 91 91 91 91	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 07 08 09 12 17	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574 14.774 09.875	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13 +113 +16 +03	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11 24.11 55.13 28.05	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12 17	05.66 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 45.6 49.0 07.2 22.4 16.5 14.7 09.8	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +28 +65 +65 +13 +13 +16 +03	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31	29 08 00 04 57 14 05 08 16 31 28 58 01 34 01 22 31 24 55 28	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4128 NGC 4128 A 1216+04	.EEE.4+E.2E.5.*E.6E.3EE.5E.5E.5E.5E.5E.4+E.5E.6.PE.6.PE.2E.2E.2E.2E.2	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14 13.27 14.66	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284 921 1684
\$\frac{\x}{\x}\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	36 37 38 39 90 91 92 93 94 95 96 97 98 99 90 91 91 91 91 91 91 91 91 91 91 91 91 91	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 44 45 45 67 08 09 12 17 19	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574 14.774 09.875 22.875	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +65 +65 +13 +146 +03 +05	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31 49	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11 24.11 55.13 28.05 36.06	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 44 45 45 48 58 07 08 09 12 17 19	05.66 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 49.0 51.4 17.2 22.4 16.5 14.7 09.8 22.8	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13 +13 +16 +03 +05	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31 49	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22 31 24 55 28 36	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4168 NGC 4239 A 1216+04 NGC 4261	.EEEE.2E.5.*E.6E.3EE.5E.5E.5E.5E.4+E.5E.4+E.5E.4+E.5E.6E.6E.6E.6E.6E.6E.6E.6E.6E.6E.6E.6	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14 13.27 14.66 11.37	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284 921 1684 2210
\$\frac{\x}{\x}\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	36 37 38 39 90 91 92 93 94 95 96 97 96 97 97 97 97 97 97 97 97 97 97 97 97 97	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 07 08 09 12 17 19 20	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574 14.774 09.875 22.875 07.274	+71 +20 +06 +18 +18 +58 +58 +03 +24 +16 +19 +13 +59 +65 +65 +13 +116 +03 +05 +29	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31 49 11 49 11 11 11 11 11 11 11 11 11 1	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.30 34.18 01.32 22.32 31.11 24.11 55.13 28.05 36.06 47.19	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12 17 19 19	05.66 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 49.0 51.4 17.2 22.4 16.5 14.7 09.8 22.8 07.2	+71 +20 +06 +18 +18 +58 +03 +24 +16 +19 +13 +59 +28 +65 +65 +13 +13 +16 +03 +05 +29	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31 49 15 16	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22 31 24 55 28 36 47	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3812 NGC 3853 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4168 NGC 4239 A 1216+04 NGC 4278	.E .E .E.2 .E.5.*. .E.6 .E.3 .E .E.5 .E.5 .E.5 .E.4+ .E.5 .E.6.P. .E.2 .E.2 .E.2	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14 13.27 14.66 11.37 11.09	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284 921 1684 2210 628
\$\frac{\x}{\x}\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	36 37 38 39 90 91 92 93 94 95 96 97 98 99 90 91 92 93 94 95 96 97 98 99 90 91 91 91 91 91 91 91 91 91 91 91 91 91	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 21 41 44 45 45 48 07 08 09 12 17 19 20 20	05.642 40.567 00.068 46.768 58.768 25.961 36.261 06.869 07.870 28.671 45.671 49.071 51.466 17.272 55.868 07.268 22.474 16.574 14.774 09.875 22.875 07.274 18.267	+711 +200 +060 +188 +188 +588 +033 +244 +160 +133 +599 +288 +655 +655 +133 +146 +033 +055 +299 +75	46 05 34 01 08 47 00 14 49 33 46 45 25 11 10 59 12 31 49 16 22	29.29 08.13 00.07 04.13 57.13 14.28 05.28 08.05 16.16 31.12 28.14 58.11 01.32 22.32 31.11 24.11 55.13 28.05 36.06 47.19 21.33	10 11 11 11 11 11 11 11 11 11 11 12 12 12	52 06 14 16 18 18 21 41 45 45 48 58 07 08 09 12 17 19 20 20	05.66 40.5 00.0 46.7 58.7 25.9 36.2 06.8 07.8 28.6 49.0 51.4 17.2 22.4 16.5 14.7 09.8 22.8 07.2 18.2	+71 +20 +06 +18 +18 +58 +53 +24 +16 +19 +13 +59 +28 +65 +13 +13 +16 +03 +05 +29 +75	46 05 34 01 08 47 00 14 49 33 46 45 25 11 07 10 59 12 31 51 49 16 22	29 08 00 04 57 14 05 08 16 31 28 01 34 01 22 31 24 55 28 36 47 21	NGC 3522 IC 678 NGC 3605 NGC 3608 NGC 3610 NGC 3613 NGC 3640 NGC 3853 NGC 3873 NGC 3872 NGC 3894 NGC 4008 NGC 4121 NGC 4125 IC 3019 NGC 4168 NGC 4239 A 1216+04 NGC 4278 NGC 4291	.E	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0	14.12 14.13 14.90 12.88 11.73 11.42 11.57 11.25 13.37 13.44 14.01 12.59 12.66 12.70 14.43 10.80 14.20 12.14 13.27 14.66 11.37 11.09 12.27	1181 1254 968 649 1205 1787 2054 1314 3632 3349 5507 3186 3223 3562 2197 1356 1804 2284 921 1684 2210 628 1757
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