

Leo

Sternkarten / Star maps

Astronomische Daten für diese Karten stammen von frei verfügbaren Datenbanken im Internet
Astronomical data for this sky atlas were taken from free database sources on the internet

Objektkataloge / Object databases:

Centre de Données astronomiques de Strasbourg - <http://cdsweb.u-strasbg.fr>

Saguaro Astronomy Club: SAC Database 7.70 - <http://www.saguaroastro.org>

Sternkatalog / Star database:

Star Database: SKY2000 Catalog, Version 4 (Myers+ 2002)

<http://vizier.u-strasbg.fr/viz-bin/VizieR?-source=V/109>

An den Karten haben mitgewirkt / People that have been working on the maps:

Fred Van Gestel (author), Dennis Wallace (PDF and data base editing)

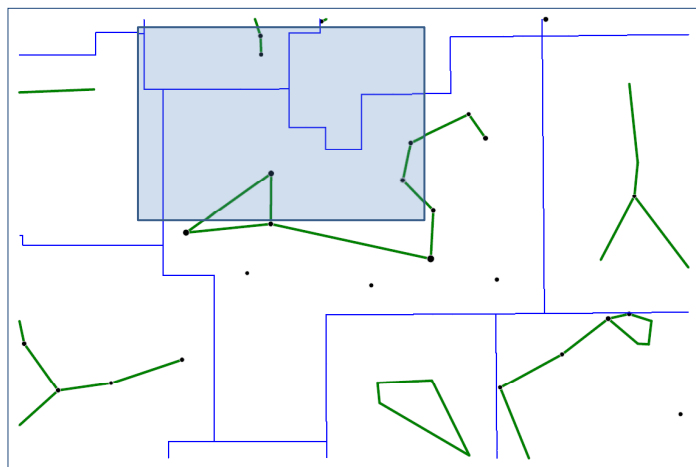
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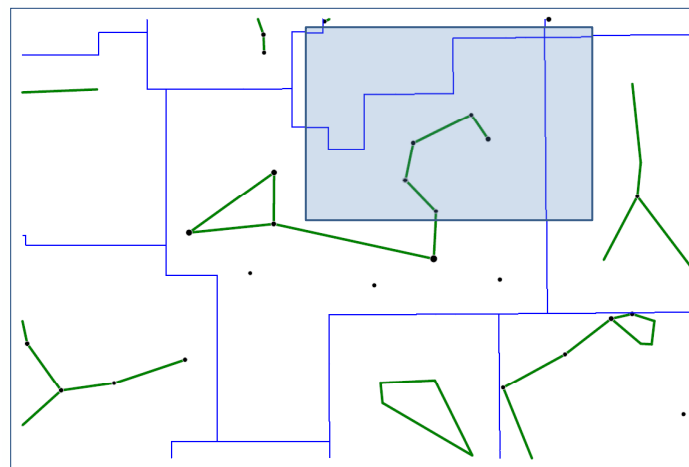
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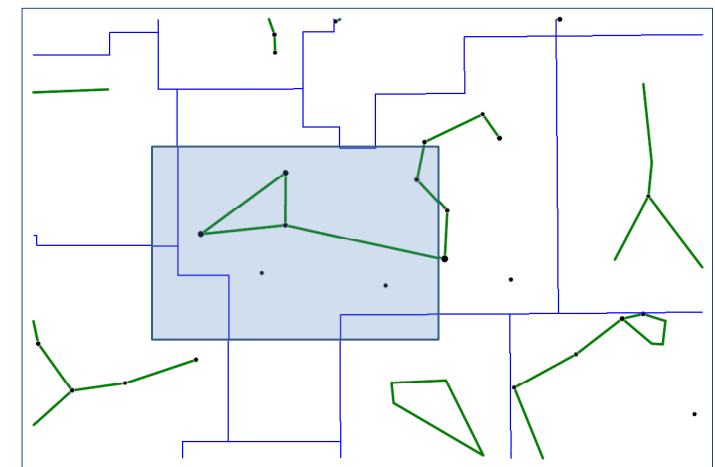
Galaxien											
Objekt	Sternb.	Name	Seite(n)	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
C40	LEO		Leo 1-1 Leo 2-1	10.90	2'x1'					86 Mio. Ly	3626
H130	LEO		Leo 1-2 Leo 2-2	8.90	12'						2903
H132	LEO		Leo 1-2	11.30	3'						2964
H144	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	11.00	4'						3190
H145	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	10.90	2.9'						3193
H147	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	11.40	2.5'						3226
H148	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	10.80	6.6'						3227
H155	LEO		Leo 2-1 Leo 2-2	10.20	4.3'						3377
H157	LEO		Leo 2-1 Leo 2-2	10.00	5.4'						3384
H159	LEO		Leo 2-1 Leo 2-2	10.60	3.7'						3412
H163	LEO		Leo 2-1	10.30	3.6'						3489
H165	LEO		Leo 3-1	8.90	11.2'						3521
H167	LEO		Leo 2-1	11.00	4.9'						3593
H168	LEO		Leo 1-1 Leo 2-1	10.00	4.6'						3607
H169	LEO		Leo 1-1 Leo 2-1	11.00	3.5'						3608
H175	LEO		Leo 2-1	9.50	13.1'						3628
H177	LEO		Leo 3-1	10.30	4.5'						3640
H178	LEO		Leo 1-1 Leo 2-1	11.60	1.5'						3655
H181	LEO		Leo 1-1 Leo 2-1	11.40	3.1'						3686
H184	LEO		Leo 2-1	10.80	4.1'						3810
H189	LEO		Leo 1-1	11.40	3.5'						3900
M105	LEO		Leo 2-1 Leo 2-2	9.30	2.5'x2'	10x50				40 Mio. Ly	3379
M65	LEO		Leo 2-1	9.30	5'x1.5'	8x30				40 Mio. Ly	3623
M66	LEO		Leo 2-1	8.90	4.5'x2'	8x30				40 Mio. Ly	3627
M95	LEO		Leo 2-1 Leo 2-2	9.70	4'x3.5'	10x50				40 Mio. Ly	3351
M96	LEO		Leo 2-1 Leo 2-2	9.20	3.5'x3'	10x50				40 Mio. Ly	3368
N2872	LEO		Leo 2-2	11.90							2872
N2911	LEO		Leo 2-2	11.50							2911
N2968	LEO		Leo 1-2	11.70							2968
N3020	LEO		Leo 2-2	11.90							3020
N3041	LEO		Leo 1-2 Leo 2-2	11.50							3041
N3098	LEO		Leo 1-2	12.00							3098
N3162	LEO		Leo 1-1 Leo 1-2 Leo 2-2	11.60							3162
N3239	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	11.30							3239
N3301	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	11.40							3301
N3338	LEO		Leo 2-1 Leo 2-2	11.10							3338
N3346	LEO		Leo 2-1 Leo 2-2	11.70							3346
N3367	LEO		Leo 2-1 Leo 2-2	11.50							3367
N3370	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	11.60							3370
N3371	LEO		Leo 2-1 Leo 2-2	10.90							3371
N3373	LEO		Leo 2-1 Leo 2-2	11.80							3373
N3389	LEO		Leo 2-1 Leo 2-2	11.90							3389
N3433	LEO		Leo 2-1 Leo 2-2	11.60							3433
N3455	LEO		Leo 1-1 Leo 1-2 Leo 2-1 Leo 2-2	12.00							3455
N3485	LEO		Leo 2-1	11.80							3485
N3495	LEO		Leo 3-1	11.80							3495
N3507	LEO		Leo 1-1 Leo 2-1	10.90							3507
N3596	LEO		Leo 2-1	11.30							3596
N3599	LEO		Leo 1-1 Leo 2-1	11.90							3599
N3630	LEO		Leo 3-1	11.90							3630
N3632	LEO		Leo 1-1 Leo 2-1	11.80							3632
N3646	LEO		Leo 1-1 Leo 2-1	11.10							3646
N3666	LEO		Leo 2-1	12.00							3666
N3681	LEO		Leo 1-1 Leo 2-1	11.20							3681
N3684	LEO		Leo 1-1 Leo 2-1	11.40							3684
N3691	LEO		Leo 1-1 Leo 2-1	11.80							3691
N3705	LEO		Leo 2-1 Leo 3-1	11.10							3705
N3773	LEO		Leo 2-1	12.00							3773
N3801	LEO		Leo 1-1 Leo 2-1	12.00							3801
N3842	LEO		Leo 1-1 Leo 2-1	11.80							3842
N3872	LEO		Leo 2-1	11.70							3872
N3968	LEO		Leo 2-1	11.80							3968
N4008	LEO		Leo 1-1	12.00							4008
UGC 5470	LEO		Leo 2-2	10.20							-
UGC 6253	LEO		Leo 1-1 Leo 2-1	12.00							-
65 Galaxien											



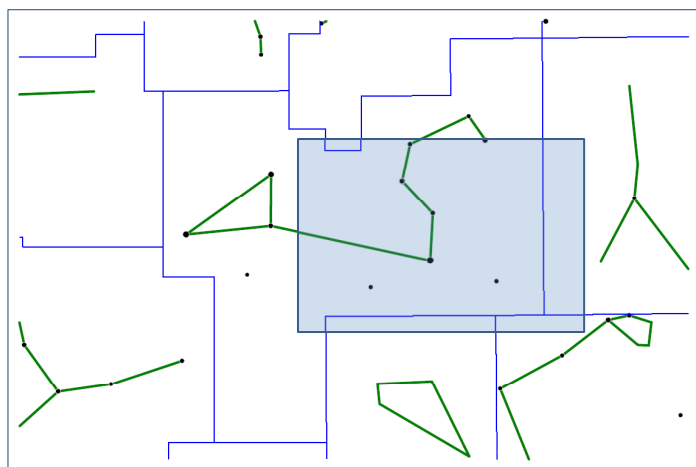
Leo 1-1



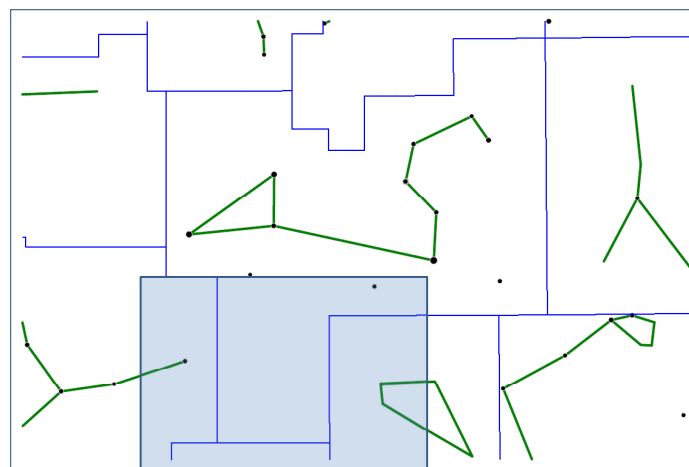
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Leo 2-1



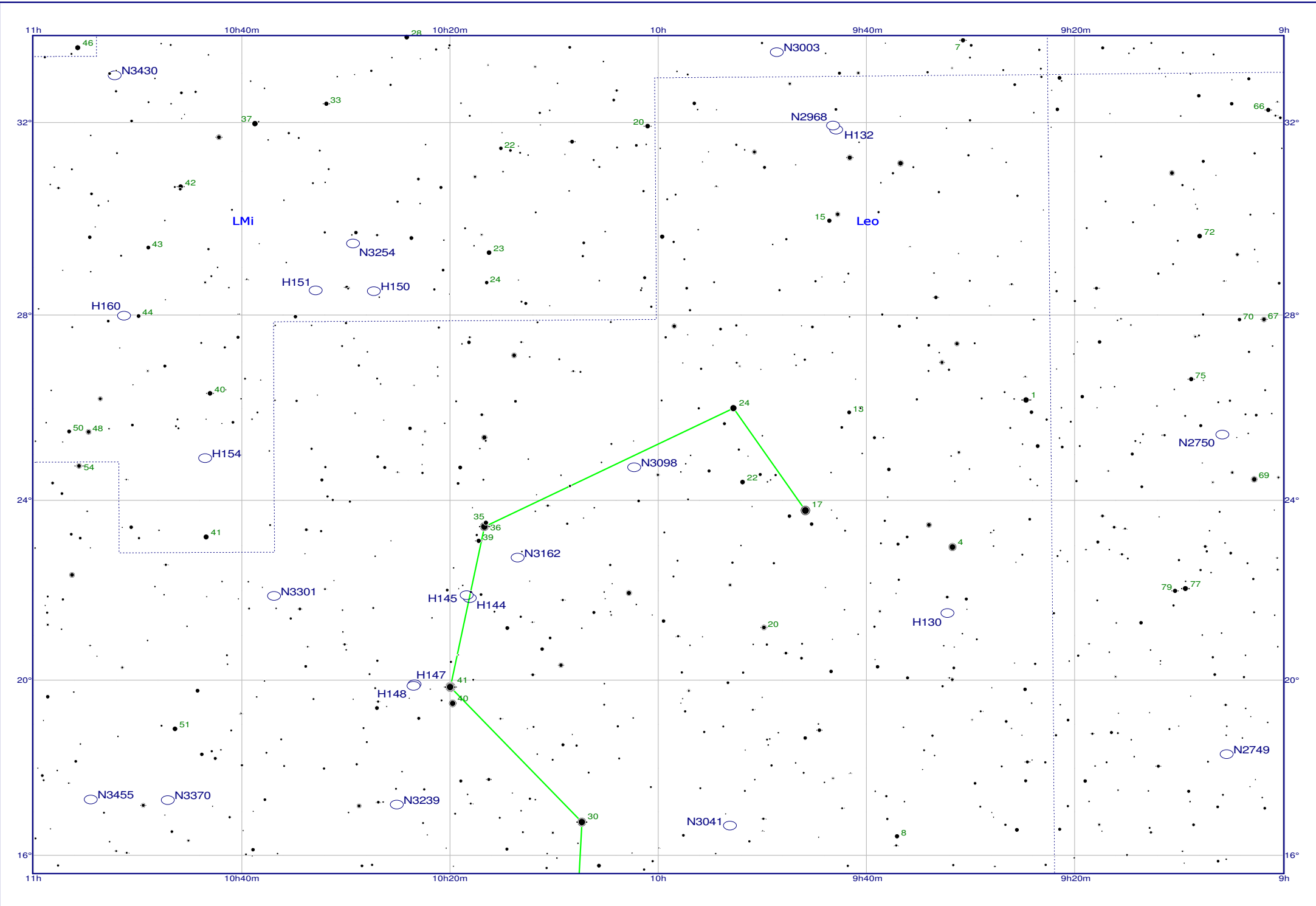
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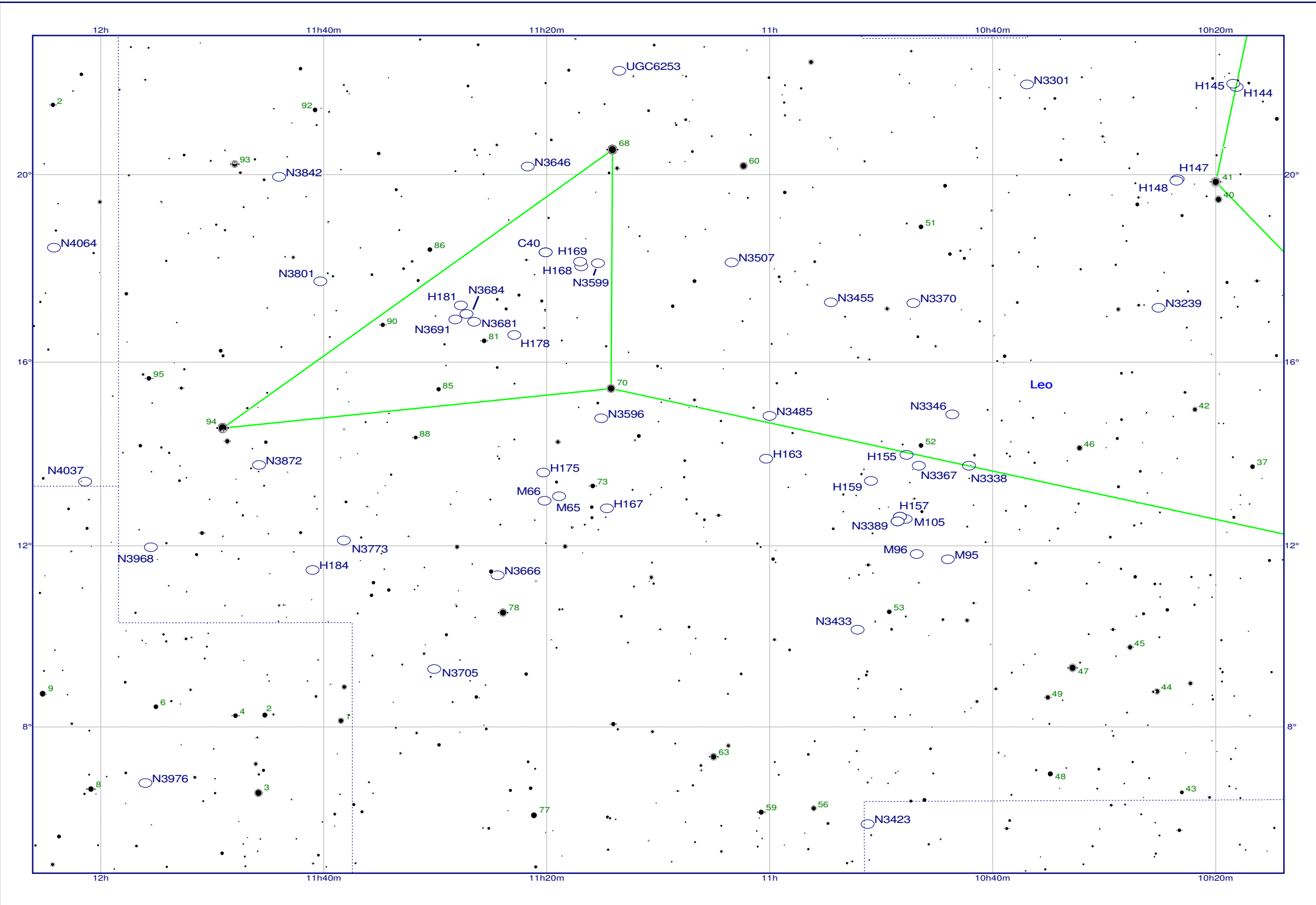


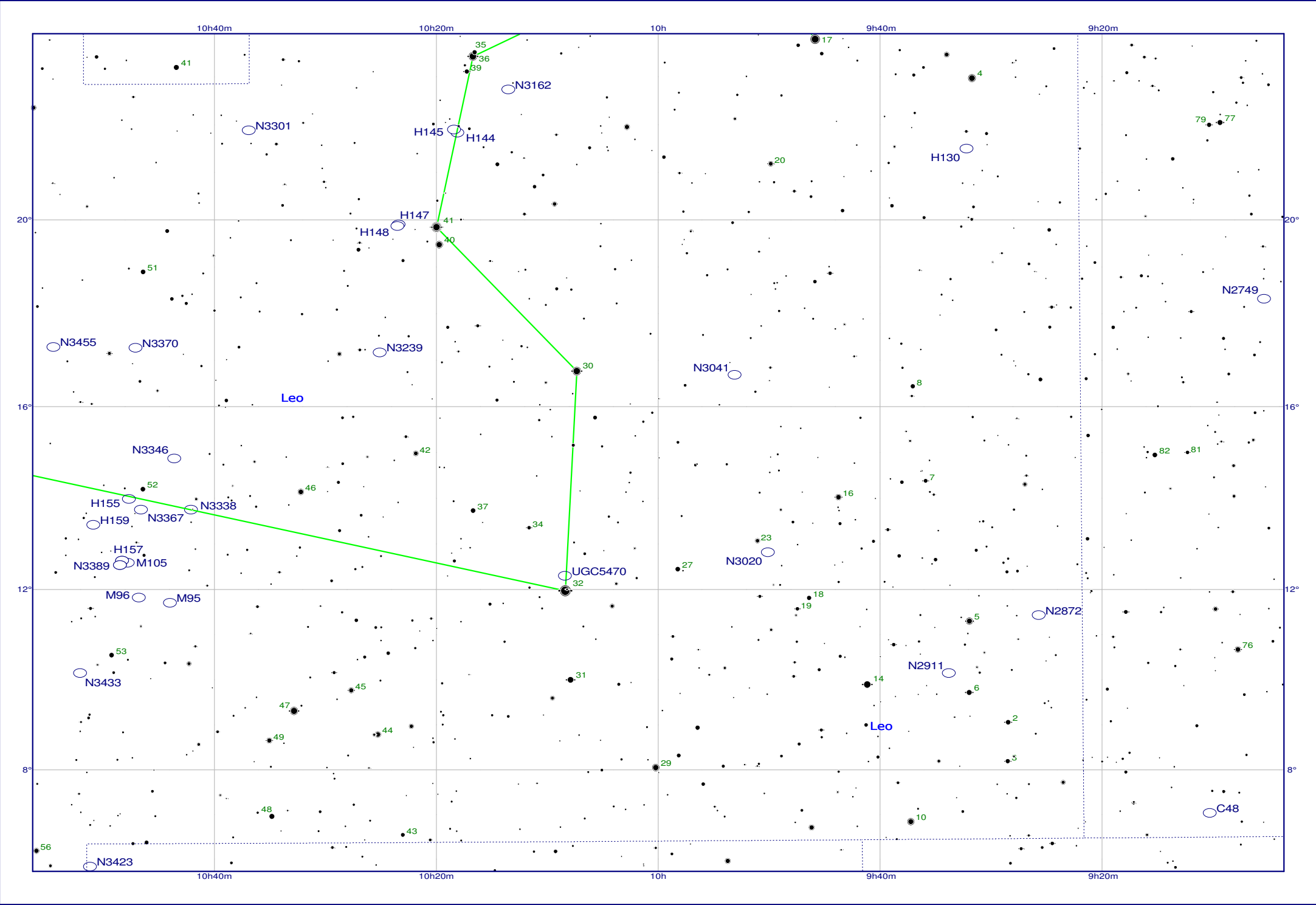
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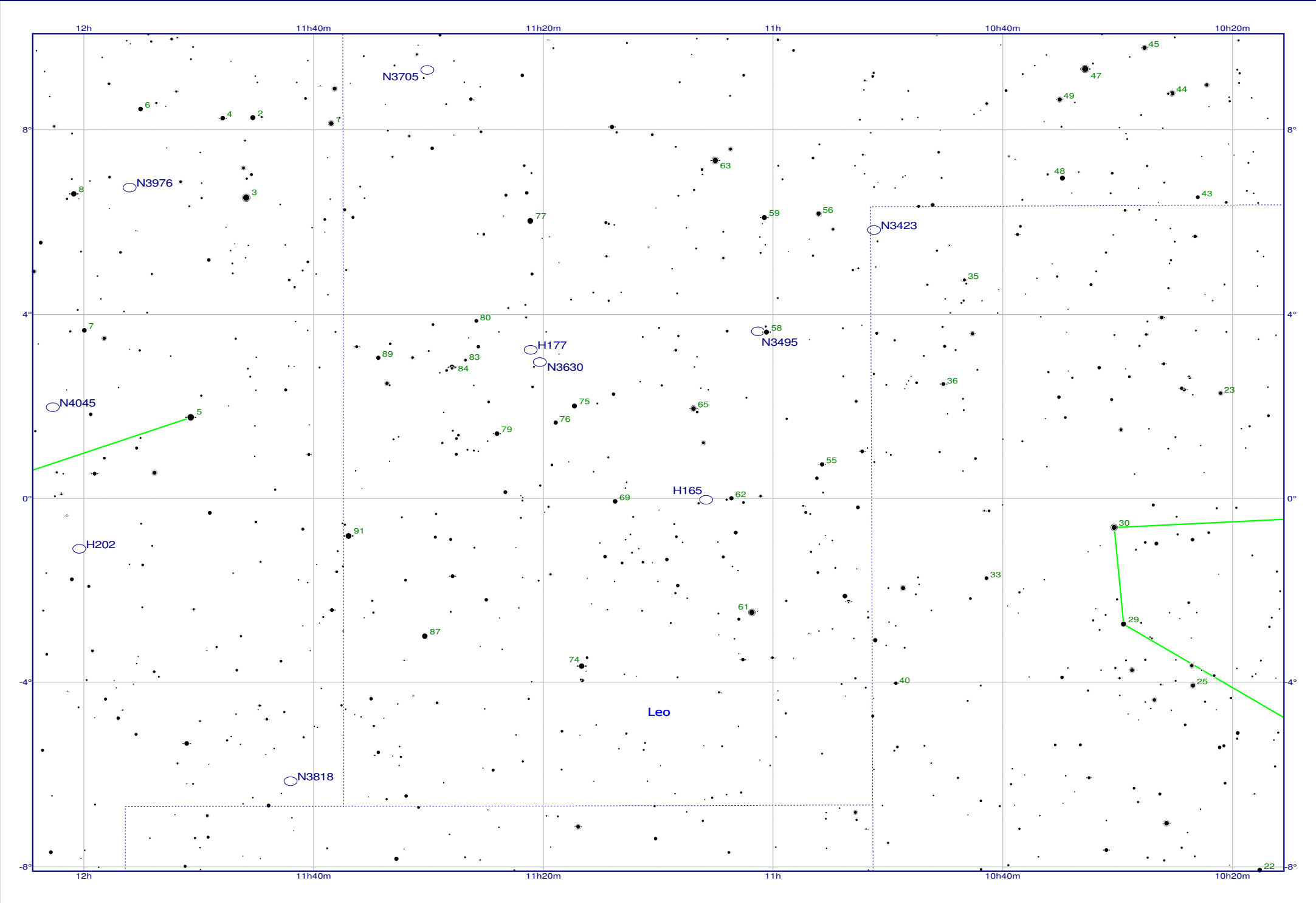
Star map history	
V 1.00 (2014)	Initial release N3632 removed (=C40 / N3626) N3373 removed (=N3389) N3371 removed (=H157 / N3384)











Galaxien											
Objekt	Sternb.	Name	Beschreibung	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
C40	LEO		hell, klein	10.90	2'x1'					86 Mio. Ly	3626
H144	LEO			11.00	4'						3190
H145	LEO			10.90	2.9'						3193
H147	LEO			11.40	2.5'						3226
H148	LEO			10.80	6.6'						3227
H150	LMI			10.80	3.5'						3245
H151	LMI			11.70	2.1'						3277
H154	LMI			10.00	7.1'						3344
H160	LMI			10.80	3.6'						3414
H162	LMI			10.30	6.8'						3486
H164	LMI			11.10	2.7'						3504
H168	LEO			10.00	4.6'						3607
H169	LEO			11.00	3.5'						3608
H178	LEO			11.60	1.5'						3655
H181	LEO			11.40	3.1'						3686
H189	LEO			11.40	3.5'						3900
N3162	LEO			11.60							3162
N3239	LEO			11.30							3239
N3254	LMI			11.70							3254
N3301	LEO			11.40							3301
N3370	LEO			11.60							3370
N3430	LMI			11.60							3430
N3455	LEO			12.00							3455
N3507	LEO			10.90							3507
N3599	LEO			11.90							3599
N3632	LEO		siehe C40 (N3626)	11.80							3632
N3646	LEO			11.10							3646
N3681	LEO			11.20							3681
N3684	LEO			11.40							3684
N3687	UMA			12.00							3687
N3691	LEO			11.80							3691
N3801	LEO			12.00							3801
N3842	LEO			11.80							3842
N4008	LEO			12.00							4008
N4062	UMA			11.10							4062
N4064	COM			11.40							4064
N4136	COM			11.00							4136
UGC 6253	LEO			12.00							-
38 Galaxien											

Galaxien											
Objekt	Sternb.	Name	Beschreibung	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
H130	LEO			8.90	12'						2903
H132	LEO			11.30	3'						2964
H144	LEO			11.00	4'						3190
H145	LEO			10.90	2.9'						3193
H147	LEO			11.40	2.5'						3226
H148	LEO			10.80	6.6'						3227
H150	LMI			10.80	3.5'						3245
H151	LMI			11.70	2.1'						3277
H154	LMI			10.00	7.1'						3344
H160	LMI			10.80	3.6'						3414
N2749	CNC			11.80							2749
N2750	CNC			11.90							2750
N2968	LEO			11.70							2968
N3003	LMI			11.90							3003
N3041	LEO			11.50							3041
N3098	LEO			12.00							3098
N3162	LEO			11.60							3162
N3239	LEO			11.30							3239
N3254	LMI			11.70							3254
N3301	LEO			11.40							3301
N3370	LEO			11.60							3370
N3430	LMI			11.60							3430
N3455	LEO			12.00							3455

23 Galaxien

Galaxien											
Objekt	Sternb.	Name	Beschreibung	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
C40	LEO		hell, klein	10.90	2'x1'					86 Mio. Ly	3626
H144	LEO			11.00	4'						3190
H145	LEO			10.90	2.9'						3193
H147	LEO			11.40	2.5'						3226
H148	LEO			10.80	6.6'						3227
H155	LEO			10.20	4.3'						3377
H157	LEO			10.00	5.4'						3384
H159	LEO			10.60	3.7'						3412
H163	LEO			10.30	3.6'						3489
H167	LEO			11.00	4.9'						3593
H168	LEO			10.00	4.6'						3607
H169	LEO			11.00	3.5'						3608
H175	LEO			9.50	13.1'						3628
H178	LEO			11.60	1.5'						3655
H181	LEO			11.40	3.1'						3686
H184	LEO			10.80	4.1'						3810
M105	LEO		M96-Galaxiengruppe	9.30	2.5'x2'	10x50				40 Mio. Ly	3379
M65	LEO		Leo-Galaxientriplett	9.30	5'x1.5'	8x30				40 Mio. Ly	3623
M66	LEO		Leo-Galaxientriplett	8.90	4.5'x2'	8x30				40 Mio. Ly	3627
M95	LEO		M96-Galaxiengruppe	9.70	4'x3.5'	10x50				40 Mio. Ly	3351
M96	LEO		M96-Galaxiengruppe	9.20	3.5'x3'	10x50				40 Mio. Ly	3368
N3239	LEO			11.30							3239
N3301	LEO			11.40							3301
N3338	LEO			11.10							3338
N3346	LEO			11.70							3346
N3367	LEO			11.50							3367
N3370	LEO			11.60							3370
N3371	LEO		siehe H157 (N3384)	10.90							3371
N3373	LEO		siehe N3389	11.80							3373
N3389	LEO			11.90							3389
N3423	SEX			11.10							3423
N3433	LEO			11.60							3433
N3455	LEO			12.00							3455
N3485	LEO			11.80							3485
N3507	LEO			10.90							3507
N3596	LEO			11.30							3596
N3599	LEO			11.90							3599
N3632	LEO		siehe C40 (N3626)	11.80							3632
N3646	LEO			11.10							3646
N3666	LEO			12.00							3666
N3681	LEO			11.20							3681
N3684	LEO			11.40							3684
N3691	LEO			11.80							3691
N3705	LEO			11.10							3705
N3773	LEO			12.00							3773
N3801	LEO			12.00							3801
N3842	LEO			11.80							3842
N3872	LEO			11.70							3872
N3968	LEO			11.80							3968
N3976	VIR			11.50							3976
N4037	COM			11.90							4037
N4064	COM			11.40							4064
UGC 6253	LEO			12.00							-
53 Galaxien											

Galaxien											
Objekt	Sternb.	Name	Beschreibung	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
C48	CNC		schwach, oval	10.30	1.5'	80 mm				60 Mio. Ly	2775
H130	LEO			8.90	12'						2903
H144	LEO			11.00	4'						3190
H145	LEO			10.90	2.9'						3193
H147	LEO			11.40	2.5'						3226
H148	LEO			10.80	6.6'						3227
H155	LEO			10.20	4.3'						3377
H157	LEO			10.00	5.4'						3384
H159	LEO			10.60	3.7'						3412
M105	LEO		M96-Galaxiengruppe	9.30	2.5'x2'	10x50				40 Mio. Ly	3379
M95	LEO		M96-Galaxiengruppe	9.70	4'x3.5'	10x50				40 Mio. Ly	3351
M96	LEO		M96-Galaxiengruppe	9.20	3.5'x3'	10x50				40 Mio. Ly	3368
N2749	CNC			11.80							2749
N2872	LEO			11.90							2872
N2911	LEO			11.50							2911
N3020	LEO			11.90							3020
N3041	LEO			11.50							3041
N3162	LEO			11.60							3162
N3239	LEO			11.30							3239
N3301	LEO			11.40							3301
N3338	LEO			11.10							3338
N3346	LEO			11.70							3346
N3367	LEO			11.50							3367
N3370	LEO			11.60							3370
N3371	LEO		siehe H157 (N3384)	10.90							3371
N3373	LEO		siehe N3389	11.80							3373
N3389	LEO			11.90							3389
N3423	SEX			11.10							3423
N3433	LEO			11.60							3433
N3455	LEO			12.00							3455
UGC 5470	LEO			10.20							-
31 Galaxien											

Galaxien											
Objekt	Sternb.	Name	Beschreibung	Vmag	Größe	Instrument	OIII	UHC	H-β	Entfernung	NGC/IC
H165	LEO			8.90	11.2'						3521
H177	LEO			10.30	4.5'						3640
H202	VIR			12.00	4.2'						4030
N3423	SEX			11.10							3423
N3495	LEO			11.80							3495
N3630	LEO			11.90							3630
N3705	LEO			11.10							3705
N3818	VIR			11.70							3818
N3976	VIR			11.50							3976
N4045	VIR			12.00							4045

10 Galaxien