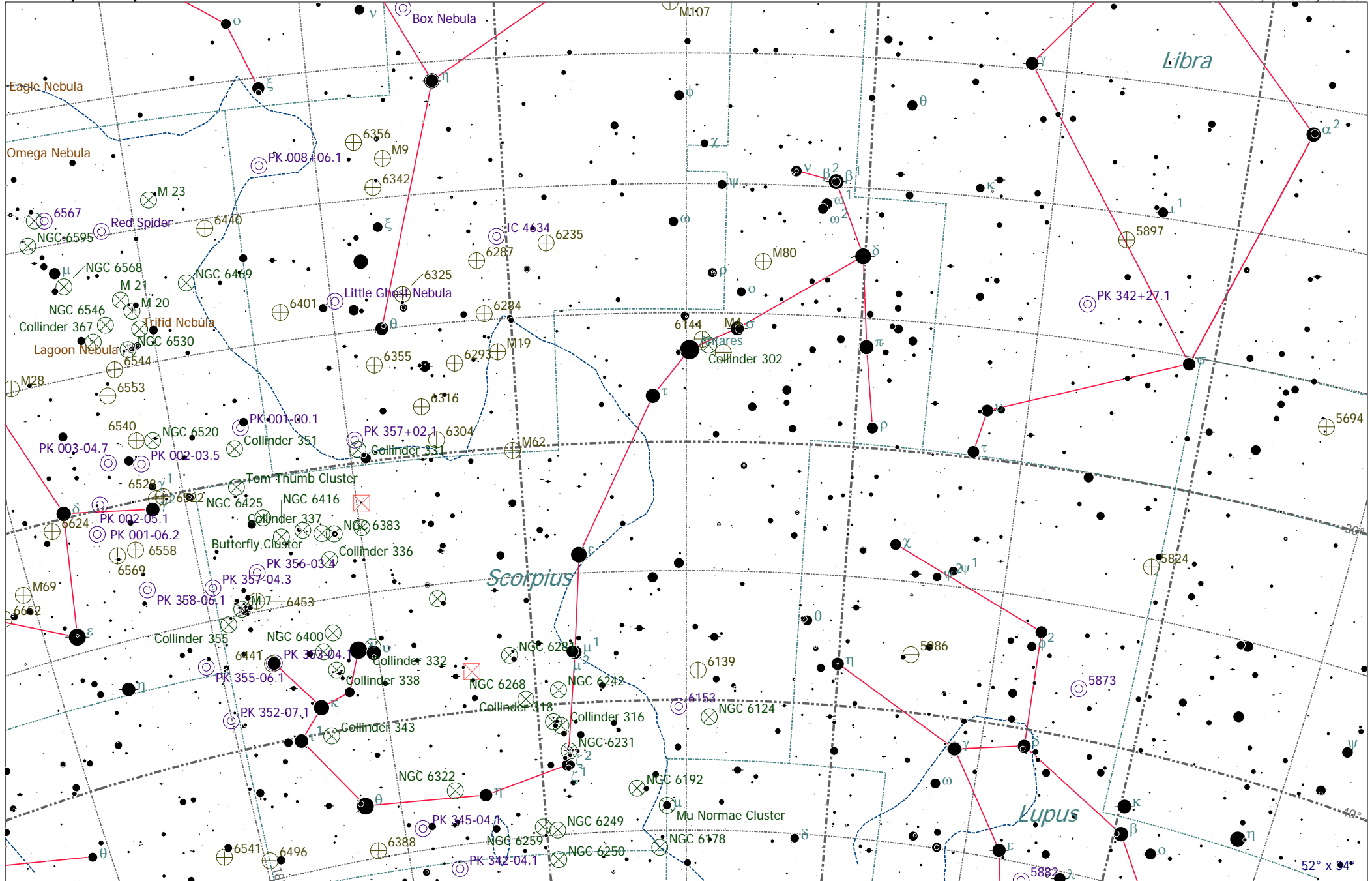
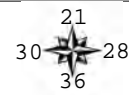


# 29 Scorpius - Ophiuchus



16h30m00.0s -30°00'00" (Skymark)



⊕	Globular Cl.	◆	Dark Neb.	⊙	Galaxy
●	Globule	⊙	Planetary	⊙	Open Cl.
⊗	Nebula				

8 · 7 · 6 · 5 · 4 · 3 · 2 · 1

52° x 34°



## 29 Scorpius - Ophiuchus

AMMASSI APERTI											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	N° *	Distanza	200/4	80/11,5	20x60
NGC 6124		Sco	16h 25m 20s	-40° 39' 12"	+6,30	39',0	100	1700 ly	---	---	---
Cr 302		Sco	16h 26m 08s	-26° 15' 00"	+1,00	498',0	---	---	Er 20 (det.)	Er 20 (det.)	(dif.)
NGC 6169	Mu Normae Cluster	Nor	16h 34m 04s	-44° 02' 42"	+6,60	12',0	40	3.600 ly	---	---	---
NGC 6178		Sco	16h 35m 47s	-45° 38' 36"	+7,20	5',0	12	3.300 ly	---	---	---
NGC 6192		Sco	16h 40m 23s	-43° 22' 00"	+8,50	9',0	60	5.000 ly	---	---	---
NGC 6231		Sco	16h 54m 10s	-41° 49' 30"	+3,40	14',0	---	4100 ly	Er 20 (dif.)	Er 20 (cha.)	(cha.)
Cr 316		Sco	16h 55m 30s	-40° 50' 00"	+3,40	100',0	---	3.300 ly	---	---	---
NGC 6242		Sco	16h 55m 33s	-39° 27' 42"	+8,20	9',0	---	3.700 ly	---	---	---
Cr 318		Sco	16h 57m 00s	-40° 40' 00"	+8,60	60',0	---	3.700 ly	---	---	---
NGC 6249		Sco	16h 57m 41s	-44° 48' 42"	+9,30	5',0	30	3.200 ly	---	---	---
NGC 6250		Ara	16h 57m 56s	-45° 56' 12"	+8,00	10',0	60	2.800 ly	---	---	---
NGC 6259		Sco	17h 00m 45s	-44° 39' 18"	+8,60	14',0	120	3.400 ly	---	---	---
NGC 6268		Sco	17h 02m 10s	-39° 43' 42"	+9,50	6',0	---	3.400 ly	---	---	---
NGC 6281		Sco	17h 04m 41s	-37° 59' 06"	+8,40	8',0	30	1.600 ly	---	---	---
NGC 6322		Sco	17h 18m 25s	-42° 56' 00"	+6,50	5',0	30	3.200 ly	---	---	---
Cr 331		Oph	17h 28m 33s	-29° 30' 00"	+9,50	6',0	---	9.100 ly	Er 20 (v. c.)	---	---
Cr 332		Sco	17h 30m 48s	-37° 04' 15"	+8,90	10',0	---	---	---	---	---
Cr 337		Sco	17h 37m 00s	-32° 29' 00"	+9,40	5',0	---	4.400 ly	Er 20 (v. c.)	---	---
M 6	Butterfly Cluster	Sco	17h 40m 20s	-32° 15' 12"	+4,60	20',0	80	1.600 ly	Er 20 (easy)	Er 20 (det.)	(det.)
NGC 6416		Sco	17h 44m 19s	-32° 21' 42"	+8,70	14',0	40	2.400 ly	---	---	---
NGC 6425		Sco	17h 47m 01s	-31° 31' 48"	+9,20	10',0	35	2.500 ly	---	---	---
Cr 351		Sgr	17h 49m 51s	-28° 46' 12"	+9,30	8',0	---	---	Er 20 (v. c.)	---	---
NGC 6451	Tom Thumb Cl.	Sco	17h 50m 41s	-30° 12' 36"	+8,20	7',0	80	6.800 ly	Er 20 (dif.)	Er 20 (cha.)	(v. c.)
NGC 6469		Sgr	17h 53m 12s	-22° 16' 30"	+8,20	7',0	50	2.000 ly	Er 20 (det.)	Er 20 (dif.)	(dif.)
M 7		Sco	17h 53m 51s	-34° 47' 36"	+3,30	80',0	80	980ly	Er 20 (det.)	Er 15,5 (cha.)	(cha.)
Cr 355		Sco	17h 56m 46s	-35° 16' 00"	+8,80	7',0	---	2.000 ly	---	---	---
M 23		Sgr	17h 57m 04s	-18° 59' 06"	+5,90	29',0	150	2.000 ly	Er 12,4 (det.)	Er 20 (det.)	(dif.)
NGC 6520		Sgr	18h 03m 24s	-27° 53' 18"	+7,60	5',0	60	5.100 ly	Er 20 (det.)	Er 20 (det.)	(det.)
M 20		Sgr	18h 02m 42s	-22° 58' 18"	+5,20	28',0	---	2.700 ly	Er 12,4 (easy)	Er 20 (det.)	(det.)
M 21		Sgr	18h 04m 13s	-22° 29' 24"	+7,20	14',0	70	3.900 ly	Er 20 (det.)	Er 20 (dif.)	(dif.)
NGC 6530		Sgr	18h 04m 31s	-24° 21' 30"	+5,10	14',0	---	4.300 ly	Er 20 (easy)	Er 20 (easy)	(easy)
NGC 6546		Sgr	18h 06m 22s	-23° 17' 48"	+8,20	14',0	150	3.100 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)



## 29 Scorpius - Ophiuchus

AMMASSI APERTI											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	N° *	Distanza	200/4	80/11,5	20x60
Cr 367		Sgr	18h 09m 51s	-23° 49' 42"	+6,40	40',0	---	4.100 ly	Us 7,5 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6568		Sgr	18h 12m 44s	-21° 36' 18"	+8,60	12',0	50	2.500 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6595		Sgr	18h 17m 04s	-19° 51' 54"	+7,00	4',0	---	---	Er 20 (easy)	Er 20 (easy)	(easy)
AMMASSI GLOBULARI											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	Tipo	Distanza	200/4	80/11,5	20x60
NGC 5694		Hya	14h 39m 36s	-26° 32' 18"	+10,20	4',3	VII	100.000 ly	Er 20 (v. c.)	---	---
NGC 5824		Lup	15h 03m 59s	-33° 04' 06"	+9,10	7',4	I	150.000 ly	---	---	---
NGC 5897		Lib	15h 17m 24s	-21° 00' 36"	+8,40	11',0	XI	46.000 ly	Er 20 (v. c.)	---	---
NGC 5986		Lup	15h 46m 03s	-37° 47' 12"	+7,60	9',6	VII	46.000 ly	---	---	---
M 80		Sco	16h 17m 02s	-22° 58' 30"	+7,30	10',0	II	36.000 ly	Er 20 (det.)	Er 20 (dif.)	(dif.)
M 4		Sco	16h 23m 36s	-26° 31' 30"	+5,40	36',0	IX	9.800 ly	Er 15,5 (dif.)	Er 15,5 (cha.)	(cha.)
NGC 6144		Sco	16h 27m 14s	-26° 01' 18"	+9,00	7',4	XI	33.000 ly	Er 20 (v. c.)	---	---
NGC 6139		Sco	16h 27m 40s	-38° 50' 54"	+9,10	8',0	II	42.000 ly	---	---	---
M 107		Oph	16h 32m 32s	-13° 03' 12"	+7,80	13',0	X	26.000 ly	Er 20 (dif.)	Er 20 (cha.)	(cha.)
NGC 6235		Oph	16h 53m 25s	-22° 10' 36"	+8,90	5',0	X	52.000 ly	Er 20 (dif.)	Er 20 (cha.)	(v. c.)
M 62		Oph	17h 01m 13s	-30° 06' 48"	+6,40	15',0	IV	26.000 ly	Er 20 (dif.)	Er 20 (cha.)	(cha.)
M 19		Oph	17h 02m 38s	-26° 16' 06"	+6,80	17',0	VIII	23.000 ly	Er 20 (dif.)	Er 20 (cha.)	(v. c.)
NGC 6284		Oph	17h 04m 29s	-24° 45' 54"	+8,90	6',2	IX	55.000 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6287		Oph	17h 05m 09s	-22° 42' 30"	+9,30	4',8	VII	33.000 ly	Er 20 (dif.)	Er 20 (v. c.)	(v. c.)
NGC 6293		Oph	17h 10m 10s	-26° 34' 54"	+8,30	8',2	IV	39.000 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6304		Oph	17h 14m 32s	-29° 27' 42"	+8,30	8',0	VI	20.000 ly	Er 20 (cha.)	Er 20 (v. c.)	---
NGC 6316		Oph	17h 16m 37s	-28° 08' 24"	+8,10	5',4	III	100.000 ly	Er 20 (det.)	Er 20 (cha.)	(cha.)
NGC 6325		Oph	17h 17m 59s	-23° 46' 00"	+10,20	4',1	IV	150.000 ly	Er 20 (v. c.)	---	---
M 9		Oph	17h 19m 12s	-18° 31' 00"	+7,80	12',0	VIII	26.000 ly	Er 20 (dif.)	Er 20 (cha.)	(v. c.)
NGC 6342		Oph	17h 21m 10s	-19° 35' 12"	+9,50	4',4	IV	130.000 ly	Er 20 (dif.)	Er 20 (v. c.)	(v. c.)
NGC 6356		Oph	17h 23m 35s	-17° 48' 48"	+8,20	10',0	II	36.000 ly	Er 20 (dif.)	Er 20 (v. c.)	(v. c.)
NGC 6355		Oph	17h 23m 58s	-26° 21' 12"	+8,60	4',2	---	---	Er 20 (det.)	Er 20 (cha.)	(cha.)
NGC 6388		Sco	17h 36m 17s	-44° 44' 06"	+6,80	10',4	III	42.000 ly	---	---	---
NGC 6401		Oph	17h 38m 37s	-23° 54' 36"	+7,40	4',8	IX	---	Er 20 (easy)	Er 20 (det.)	(det.)
NGC 6440		Sgr	17h 48m 53s	-20° 21' 36"	+9,30	4',4	V	13.000 ly	Er 20 (dif.)	Er 20 (cha.)	(v. c.)
NGC 6441		Sco	17h 50m 13s	-37° 03' 06"	+7,20	9',6	III	29.000 ly	Er 20 (v. c.)	---	---
NGC 6453		Sco	17h 50m 52s	-34° 35' 54"	+10,20	7',6	IV	160.000 ly	---	---	---



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AMMASSI GLOBULARI											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	Tipo	Distanza	200/4	80/11,5	20x60
NGC 6496		Sco	17h 59m 03s	-44° 15' 48"	+8,60	5',6	XII	78.000 ly	---	---	---
NGC 6522		Sgr	18h 03m 35s	-30° 02' 06"	+9,90	9',4	VI	39.000 ly	---	---	---
NGC 6528		Sgr	18h 04m 49s	-30° 03' 24"	+9,60	5',0	V	140.000 ly	Er 20 (v. c.)	---	---
NGC 6540		Sgr	18h 06m 09s	-27° 45' 54"	+8,90	7',9	XI	---	Er 20 (v. c.)	---	---
NGC 6544		Sgr	18h 07m 20s	-24° 59' 54"	+7,50	9',2	IX	16.000 ly	Er 20 (det.)	Er 20 (cha.)	(cha.)
NGC 6541		CrA	18h 08m 02s	-43° 42' 54"	+6,30	15',0	III	13.000 ly	---	---	---
NGC 6553		Sgr	18h 09m 17s	-25° 54' 30"	+8,30	9',2	XI	87.000 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6558		Sgr	18h 10m 18s	-31° 45' 48"	+8,60	?	---	---	Lan 2,5 (obv.)	Lan 2,5 (easy)	(dif.)
NGC 6569		Sgr	18h 13m 38s	-31° 49' 36"	+8,40	6',4	VIII	96.000 ly	Er 20 (cha.)	Er 20 (v. c.)	(v. c.)
NGC 6624		Sgr	18h 23m 40s	-30° 21' 30"	+7,60	8',8	VI	42.000 ly	Er 20 (dif.)	Er 20 (v. c.)	(v. c.)
M 28		Sgr	18h 24m 33s	-24° 52' 12"	+6,90	13',8	IV	16.000 ly	Er 20 (det.)	Er 20 (cha.)	(cha.)
M 69		Sgr	18h 31m 23s	-32° 50' 54"	+7,70	8',0	---	23.000 ly	Er 20 (cha.)	Er 20 (v. c.)	---
NEBULOSE PLANETARIE											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	Tipo	Distanza	200/4	80/11,5	20x60
NGC 5873		Lup	15h 12m 51s	-38° 07' 34"	+12,00	3"	Smooth Disk	16.000 ly	---	---	---
PK 342-27.1		Lib	15h 22m 19s	-23° 37' 31"	+11,60	16"	Smooth Disk	16.000 ly	Lan 4 (det.)	Er 12,4 (cha.)	---
NGC 5882		Lup	15h 16m 50s	-45° 38' 59"	+10,50	7"	---	5.900 ly	---	---	---
NGC 6153		Sco	16h 31m 31s	-40° 15' 14"	+11,50	25"	Ring	4.300 ly	---	---	---
IC 4634		Oph	17h 01m 34s	-21° 49' 33"	+12,00	20"	Smooth Disk	9.300 ly	Or 10,5 (det.)	Er 15,5 (v. c.)	---
PK 342-04.1		Ara	17h 19m 33s	-45° 53' 17"	+12,00	40"	---	---	---	---	---
PK 345-04.1		Sco	17h 26m 12s	-44° 11' 25"	+11,90	5"	Stellar App.	---	---	---	---
PK 357-02.1		Oph	17h 28m 53s	-29° 07' 23"	+9,00	?	Misclassified	---	Lan 2,5 (obv.)	Lan 2,5 (easy)	(dif.)
NGC 6369	Little Ghost Neb.	Oph	17h 29m 20s	-23° 45' 34"	+11,00	30"	Ring	2.800 ly	Us 7,5 (det.)	Er 20 (dif.)	(v. c.)
PK 008-06.1		Oph	17h 38m 57s	-18° 17' 36"	+11,00	10"	Stellar App.	< 23.000 ly	Or 6 (easy)	Lan 2,5 (det.)	(v. c.)
PK 001-00.1		Sgr	17h 48m 14s	-28° 00' 54"	+8,80	?	Misclassified	---	Lan 2,5 (obv.)	Lan 2,5 (easy)	(dif.)
PK 356-03.4		Sco	17h 49m 47s	-33° 32' 09"	+11,10	?	Misclassified	---	Lan 2,5 (det.)	Lan 2,5 (det.)	---
PK 353-04.1		Sco	17h 49m 48s	-37° 01' 29"	+12,00	10"	Stellar App.	8.300 ly	Or 6 (cha.)	---	---
PK 357-04.3		Sgr	17h 58m 14s	-33° 47' 38"	+8,50	2"	Stellar App.	43.000 ly	Or 6 (obv.)	Er 7 (easy)	(det.)
PK 352-07.1		CrA	18h 00m 12s	-38° 49' 53"	+11,40	2"	Stellar App.	9.900 ly	Or 6 (dif.)	---	---
PK 355-06.1		Sgr	18h 02m 32s	-36° 39' 12"	+11,70	5"	Stellar App.	<17.000 ly	Us 7,5 (dif.)	---	---
NGC 6537	Red Spider	Sgr	18h 05m 13s	-19° 50' 35"	+12,00	5"	Smooth Disk	4.900 ly	Us 7,5 (easy)	Lan 2,5 (cha.)	---
PK 002-03.5		Sgr	18h 06m 06s	-28° 40' 29"	+9,30	3",3	Stellar App.	<11.000 ly	Or 6 (obv.)	Lan 2,5 (easy)	(dif.)



## 29 Scorpius - Ophiuchus

NEBULOSE PLANETARIE											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	Tipo	Distanza	200/4	80/11,5	20x60
PK 358-06.1		Sgr	18h 09m 52s	-33° 19' 42"	+12,00	10"	Misclassified	---	Or 6 (dif.)	---	---
PK 003-04.7		Sgr	18h 11m 35s	-28° 22' 37"	+11,00	12"	---	13.000 ly	Or 6 (easy)	Er 20 (dif.)	---
NGC 6567		Sgr	18h 13m 45s	-19° 04' 34"	+11,50	11"	Smooth Disk	6.400 ly	Or 6 (easy)	Er 20 (dif.)	---
PK 002-05.1		Sgr	18h 14m 34s	-29° 49' 17"	+11,50	10"	Misclassified	---	Or 6 (det.)	Lan 2,5 (cha.)	---
PK 001-06.2		Sgr	18h 16m 12s	-30° 52' 09"	+11,80	5"	Stellar App.	<8.300 ly	Us 7,5 (det.)	Lan 2,5 (v. c.)	---
NEBULOSE DIFFUSE											
Sigla	Nome	Cost.	A.R.	Dec.	Mv.	Dim.	Tipo	Distanza	200/4	80/11,5	20x60
M 20	Trifid Neb.	Sgr	18h 02m 22s	-22° 59' 12"	+6,30	16',0x9',0	Diffuse	---	---	---	---
M 8	Lagoon Neb.	Sgr	18h 04m 02s	-24° 23' 14"	+5,00	17',0x15',0	Diffuse	---	Er 20 (easy)	Er 20 (det.)	(det.)