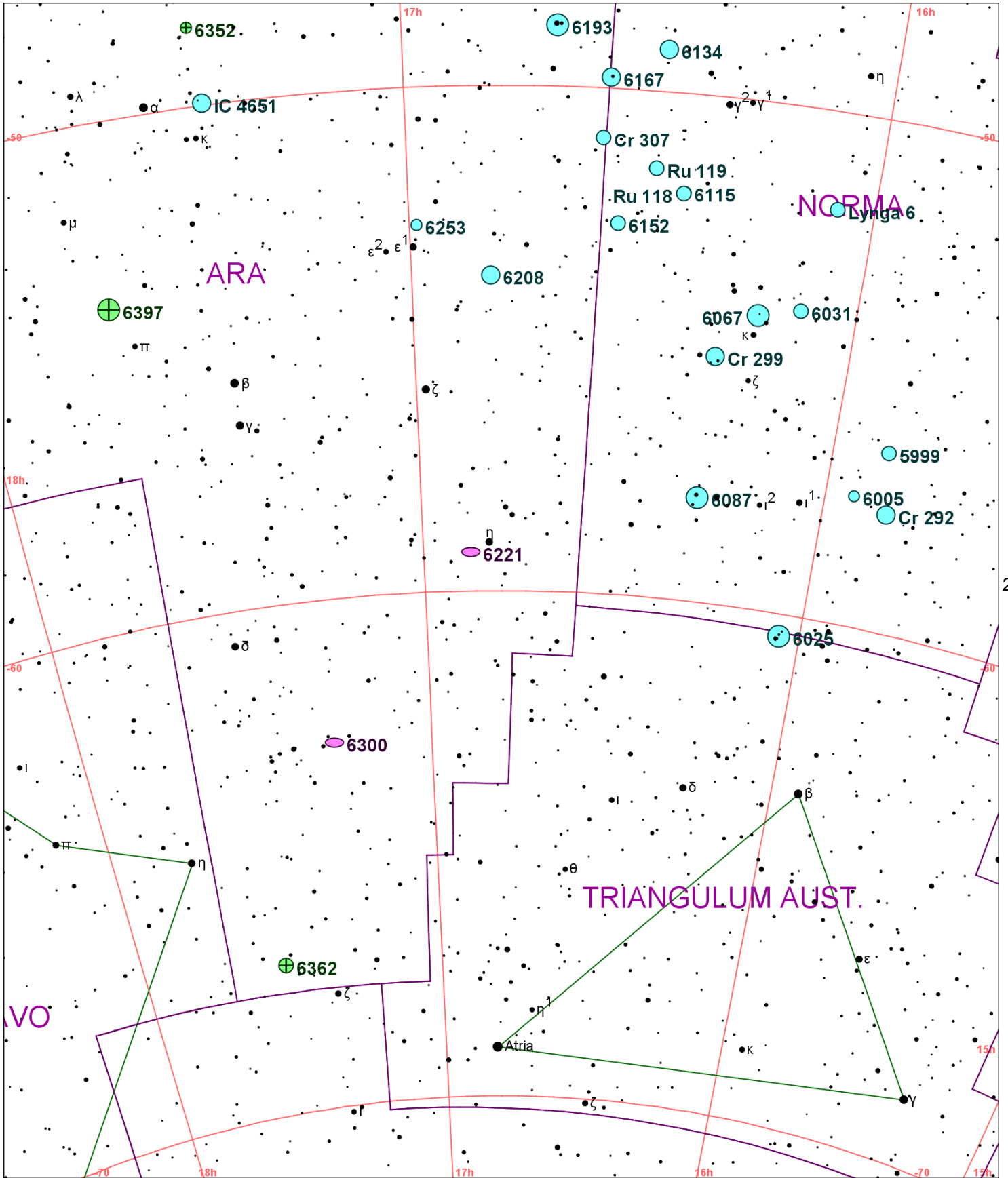


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Chart 241													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Cr 292		NOR	7.9	OC	16.0m	15h 50.7m	-57° 40.0'					50	
Cr 299		NOR	6.9	OC	20.0m	16h 18.4m	-55° 07.0'						
Cr 307		ARA	9.2	OC	6.0m	16h 35.2m	-50° 58.0'						
IC 4651		ARA	6.9	OC	10m	17h 24.8m	-49° 56.0'					80	B
Cl,pC - Not much condensation--Hartung;70 * mags 10..14													
Lynga 6		NOR	9.5	OC	5.0m	16h 04.8m	-51° 55.0'						
NGC 5999		NOR	9.0	OC	3m	15h 52.1m	-56° 28.0'					40	
Cl,L,pRi,st12...14													
NGC 6005		NOR	10.7	OC	3.0m	15h 55.8m	-57° 26.0'					35	
Cl,pS,pRi,mC,st16													
NGC 6025		TRA	5.1	OC	12.0m	16h 03.3m	-60° 26.0'	C95				60	B
Cl,B,vL,pRi,IC,*7...													
NGC 6031		NOR	8.5	OC	2.0m	16h 07.6m	-54° 01.0'					20	
Cl,S,mC,st11...14 - In Nor OB1?													
NGC 6067		NOR	5.6	OC	13.0m	16h 13.2m	-54° 13.0'	C89			O	100	B
Cl,vB,vL,vRi,IC,*10... - Fine field													
NGC 6087		NOR	5.4	OC	12.0m	16h 18.8m	-57° 56.0'				O	40	B
Cl,B,L,IC,st7...10 - Var* S Nor invl													
NGC 6115		NOR	11.0	OC	3m	16h 24.4m	-51° 57.0'						
Cl,eL,eRi													
NGC 6134		NOR	7.2	OC	7.0m	16h 27.8m	-49° 09.0'						B
Cl,cL,pRi,ICM,st13..													
NGC 6152		NOR	8.1	OC	25m	16h 32.8m	-52° 39.0'					70	B
Cl,L,IC,st L													
NGC 6167		NOR	6.7	OC	8.0m	16h 34.6m	-49° 46.0'						B
Cl,L,IC,iF													
NGC 6193		ARA	5.2	OC	15.0m	16h 41.3m	-48° 46.0'	C82			O		
Cl,vL,iRi,IC,F neb inv - In Ara OB1;30* mags 6...													
NGC 6208		ARA	7.2	OC	18m	16h 49.5m	-53° 44.0'					60	B
Cl,L,Ri,ICM,st9...12													
NGC 6221		ARA	9.9	GAL	3.9m x 2.7m	16h 52.8m	-59° 13.0'						
pB,cL,R,gIbM,rr													
NGC 6253		ARA	10.2	OC	4m	16h 59.1m	-52° 43.0'					30	
Cl,S,triangular,st13													
NGC 6300		ARA	10.2	GAL	4.7m x 2.9m	17h 17.0m	-62° 49.0'						
F,vL,vIE,am st,2* inv													
NGC 6352		ARA	10.7	GC	7.1m	17h 25.5m	-48° 25.0'	C81			O		B
pF,L - globular ESO 228-SC003													
NGC 6362		ARA	8.3	GC	10.7m	17h 31.9m	-67° 03.0'						B
B,L,vgmbM,rrr													
NGC 6397		ARA	5.7	GC	25.7m	17h 40.7m	-53° 40.0'	C86			O		B
B,vL,Ri,st 10.. - Poss nearest glob													
Ru 118		NOR	9.8	OC	3.4m	16h 24.6m	-51° 58.0'						
Ru 119		NOR	8.8	OC	8.0m	16h 28.3m	-51° 31.0'						

Chart 242													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Cr 277		MUS	9.2	OC	16.0m	13h 48.7m	-66° 05.0'					30	
Cr 292		NOR	7.9	OC	16.0m	15h 50.7m	-57° 40.0'					50	
Cr 299		NOR	6.9	OC	20.0m	16h 18.4m	-55° 07.0'						
ESO 097-G013		CIR	10.6	GAL	3.2m x 1.2m	14h 13.2m	-65° 20.0'						
Hogg 17		CEN	8.3	OC	7.0m	14h 33.7m	-61° 23.0'					10	
Hogg 18		LUP	8.0	OC	3.0m	14h 50.7m	-52° 15.0'					15	
Lynga 2		CEN	6.4	OC	12.0m	14h 24.0m	-61° 24.0'					30	
Lynga 6		NOR	9.5	OC	5.0m	16h 04.8m	-51° 55.0'						
NGC 5189		MUS	10.3	PN	140s	13h 33.5m	-65° 58.0'						
					B,pL,cE,bM,curved axis								
NGC 5281		CEN	5.9	OC	7m	13h 46.6m	-62° 55.0'					40	
					Cl,B,S,pC,iR,*10..12								
NGC 5316		CEN	6.0	OC	14.0m	13h 54.0m	-61° 52.0'					80	B
					Cl,pL,pC,st11								
NGC 5606		CEN	7.7	OC	3.0m	14h 27.8m	-59° 38.0'					15	
					Cl,S,pC,st L and S								
NGC 5617		CEN	6.3	OC	10.0m	14h 29.7m	-60° 43.0'					80	B
					Cl,L,pRi,pCM,st8... - 80' W of Alpha CEN								
NGC 5662		CEN	5.5	OC	29m	14h 35.6m	-56° 37.0'					70	B
					Cl,L,pRi,iC,st9...								
NGC 5715		CIR	9.8	OC	6.0m	14h 43.5m	-57° 35.0'					30	
					Cl,L,pRi,CM,*11...13								
NGC 5749		LUP	8.8	OC	10m	14h 48.9m	-54° 30.0'					30	
					Cl,pL,pRi,iC,*10..11								
NGC 5822		LUP	6.5	OC	40.0m	15h 04.4m	-54° 24.0'				O	150	B
					Cl,vL,Ri,iC,st9...12								
NGC 5823		CIR	7.9	OC	10.0m	15h 05.5m	-55° 36.0'	C88				100	B
					Cl,cL,Ri,iCM,*13..14								
NGC 5925		NOR	8.4	OC	20m	15h 27.4m	-54° 32.0'					120	B
					Cl,vL,vRi,iC,*11..14								
NGC 5927		LUP	8.3	GC	12.0m	15h 28.0m	-50° 40.0'						
					cB,L,R,vgbM,rrr,st 15								
NGC 5946		NOR	9.6	GC	7.1m	15h 35.5m	-50° 40.0'						
					cB,pL,R,vglbM,rrr,st 16								
NGC 5999		NOR	9.0	OC	3m	15h 52.1m	-56° 28.0'					40	
					Cl,L,pRi,st12...14								
NGC 6005		NOR	10.7	OC	3.0m	15h 55.8m	-57° 26.0'					35	
					Cl,pS,pRi,mC,st16								
NGC 6025		TRA	5.1	OC	12.0m	16h 03.3m	-60° 26.0'	C95				60	B
					Cl,B,vL,pRi,iC,*7...								
NGC 6031		NOR	8.5	OC	2.0m	16h 07.6m	-54° 01.0'					20	
					Cl,S,mC,st11...14 - In Nor OB1?								
NGC 6067		NOR	5.6	OC	13.0m	16h 13.2m	-54° 13.0'	C89			O	100	B
					Cl,vB,vL,vRi,iC,*10... - Fine field								
NGC 6087		NOR	5.4	OC	12.0m	16h 18.8m	-57° 56.0'				O	40	B
					Cl,B,L,iC,st7...10 - Var* S Nor invl								
PK 316+ 8.1		CEN	10.1	PN	12s	14h 18.2m	-52° 11.0'						
PK 318- 2.2		CIR	10.6	PN	45s	15h 06.0m	-61° 22.0'						
Pismis 20		CIR	7.8	OC	4.5m	15h 15.4m	-59° 04.0'						
Tr 22		CEN	7.9	OC	7.0m	14h 31.2m	-61° 10.0'					50	

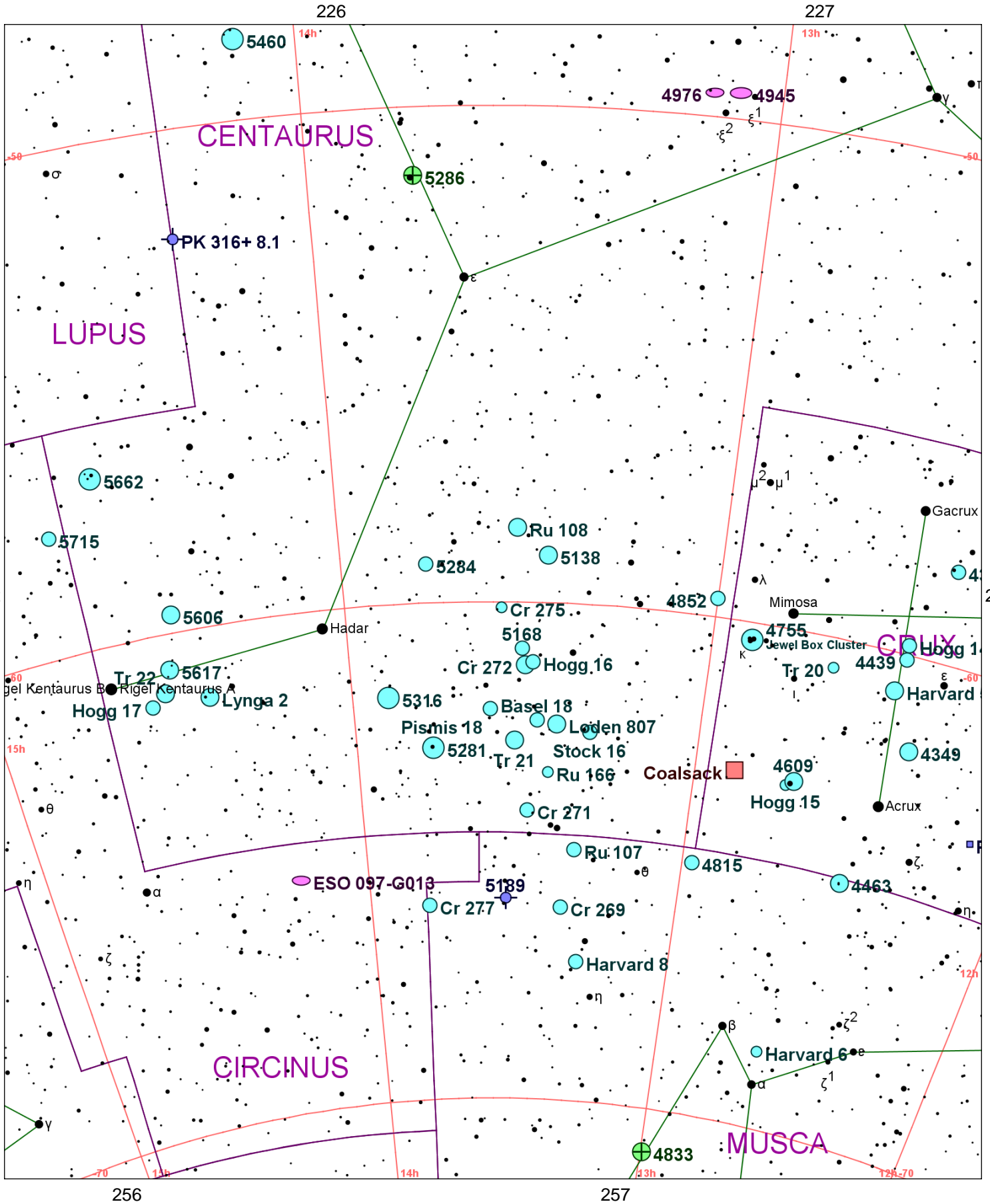


Chart 243													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Basel 18		CEN	8.2	OC	4.0m	13h 28.3m	-62° 22.0'					20	
Coalsack		CRU		DN	400m	12h 53.0m	-63° 00.0'	C99					B
Adjacent to Southern Cross													
Cr 269		MUS	9.2	OC	15.0m	13h 22.6m	-66° 07.0'						
Cr 271		CEN	8.7	OC	7.0m	13h 29.7m	-64° 11.0'					20	
Cr 272		CEN	7.7	OC	9.0m	13h 30.6m	-61° 16.0'					40	
Cr 275		CEN	10.2	OC	7.0m	13h 34.6m	-60° 07.0'					20	
Cr 277		MUS	9.2	OC	16.0m	13h 48.7m	-66° 05.0'					30	
ESO 097-G013		CIR	10.6	GAL	3.2m x 1.2m	14h 13.2m	-65° 20.0'						
Harvard 5		CRU	7.1	OC	6.0m	12h 29.0m	-60° 46.0'						
pL,30* - Incl D* R 200													
Harvard 6		MUS	10.7	OC	5.0m	12h 37.9m	-68° 28.0'					100	
Harvard 8		MUS	9.5	OC	4.0m	13h 18.8m	-67° 12.0'					30	
Hogg 14		CRU	9.5	OC	3.0m	12h 28.6m	-59° 49.0'						
Hogg 15		CRU	10.3	OC	2.0m	12h 43.6m	-63° 06.0'					15	
Hogg 16		CEN	8.4	OC	4.0m	13h 29.3m	-61° 12.0'					20	
Hogg 17		CEN	8.3	OC	7.0m	14h 33.7m	-61° 23.0'					10	
Loden 807		CEN	7.9	OC		13h 24.9m	-62° 26.0'					35	
Lynga 2		CEN	6.4	OC	12.0m	14h 24.0m	-61° 24.0'					30	
NGC 4337		CRU	8.9	OC	3.5m	12h 24.1m	-58° 07.0'						B
Cl,pRi,iC,* 12...14													
NGC 4349		CRU	7.4	OC	4m	12h 24.1m	-61° 52.0'					30	B
Cl,vB,vL,iC,* 12...14													
NGC 4439		CRU	8.4	OC	4.0m	12h 28.4m	-60° 06.0'						
Cl,S,* 11...12													
NGC 4463		MUS	7.2	OC	5.0m	12h 29.9m	-64° 47.0'					30	B
Cl,P,vIC													
NGC 4609		CRU	6.9	OC	5.0m	12h 42.3m	-63° 00.0'	C98				40	B
Cl,pL,pC,cE,st 10 - Near Coalsack													
NGC 4755		CRU	4.2	OC	10.0m	12h 53.6m	-60° 21.0'	C94			O		B
Jewel Box Cluster													
!!Cl,vL,Ri,st vB (Kappa Cru) - 50 * mags 6..10;many tinted *													
NGC 4815		MUS	8.6	OC	3.0m	12h 58.0m	-64° 58.0'					100	B
Cl,pL,pRi,iF,*10..18													
NGC 4833		MUS	7.4	GC	13.5m	12h 59.6m	-70° 52.0'	C105					B
B,L,R,g,vsbM,st 12													
NGC 4852		CEN	8.9	OC	11.0m	13h 00.1m	-59° 37.0'					60	B
Cl,L,pRi,iR,st10...													
NGC 4945		CEN	8.6	GAL	19.8m x 4m	13h 05.4m	-49° 28.0'	C83			O		
B,vL,vmE39 - Nearly edge-on													
NGC 4976		CEN	10.0	GAL	5.1m x 2.6m	13h 08.6m	-49° 30.0'						
B,pL,R,gmbM													
NGC 5138		CEN	7.6	OC	8.0m	13h 27.3m	-59° 02.0'					40	
Cl,Ri,iC,st11													
NGC 5168		CEN	9.1	OC	4.0m	13h 31.1m	-60° 56.0'					50	
Cl,vF,S,vRi,st15													
NGC 5189		MUS	10.3	PN	140s	13h 33.5m	-65° 58.0'						
B,pL,cE,bM,curved axis													
NGC 5281		CEN	5.9	OC	7m	13h 46.6m	-62° 55.0'					40	
Cl,B,S,pC,iR,*10..12													
NGC 5284		CEN	10.0	OC	3m	13h 46.7m	-59° 12.0'						
Cl,L,vRi,st7...16													
NGC 5286		CEN	7.6	GC	9.1m	13h 46.4m	-51° 22.0'	C84			O		B
vB,pL,R,rrr,st 15													
NGC 5316		CEN	6.0	OC	14.0m	13h 54.0m	-61° 52.0'					80	B
Cl,pL,pC,st11													
NGC 5460		CEN	5.6	OC	25.0m	14h 07.5m	-48° 21.0'				O	40	B
Cl,vL,vIC,st8...													

Chart 243

Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
NGC 5606		CEN	7.7	OC	3.0m	14h 27.8m	-59° 38.0'					15	
					Cl,S,pC,st L and S								
NGC 5617		CEN	6.3	OC	10.0m	14h 29.7m	-60° 43.0'					80	B
					Cl,L,pRi,pCM,st8... - 80' W of Alpha CEN								
NGC 5662		CEN	5.5	OC	29m	14h 35.6m	-56° 37.0'					70	B
					Cl,L,pRi,IC,st9...								
NGC 5715		CIR	9.8	OC	6.0m	14h 43.5m	-57° 35.0'					30	
					Cl,L,pRi,CM,*11...13								
PK 298- 0.1		CRU	11.0	DN	13s x 8s	12h 09.0m	-63° 16.0'						
					Not a PLNNB;compact H II region								
PK 316+ 8.1		CEN	10.1	PN	12s	14h 18.2m	-52° 11.0'						
Pismis 18		CEN	9.7	OC	4.0m	13h 36.6m	-62° 09.0'					35	
Ru 107		MUS	9.7	OC	5.0m	13h 20.6m	-64° 57.0'					20	
Ru 108		CEN	7.5	OC	12.0m	13h 32.2m	-58° 29.0'					15	
Ru 166		CEN	10.8	OC	2.8m	13h 26.1m	-63° 25.0'					30	
Stock 16		CEN	9.1	OC	3.0m	13h 19.1m	-62° 34.0'					20	
Tr 20		CRU	10.1	OC	18m	12h 39.7m	-60° 36.0'						
					L,vRi - About 200* mostly faint								
Tr 21		CEN	7.7	OC	4.0m	13h 32.2m	-62° 47.0'					20	
Tr 22		CEN	7.9	OC	7.0m	14h 31.2m	-61° 10.0'					50	

Chart 244													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Bochum 10		CAR	6.2	OC		10h 42.2m	-59° 09.0'					40	
Bochum 11		CAR	7.9	OC		10h 47.3m	-60° 06.0'					20	
Bochum 12		CAR	9.7	OC		10h 57.4m	-61° 44.0'					20	
Coalsack		CRU		DN	400m	12h 53.0m	-63° 00.0'	C99					B
Adjacent to Southern Cross													
Cr 228		CAR	4.4	OC	15.0m	10h 43.0m	-60° 01.0'						
Cr 232		CAR	6.8	OC	4.0m	10h 44.8m	-59° 34.0'						
Cr 234		CAR	7.5	OC	4.0m	10h 45.3m	-59° 45.0'						
Cr 236		CAR	7.7	OC	8.0m	10h 57.0m	-61° 02.0'					20	
Cr 240		CAR	3.9	OC	25.0m	11h 11.2m	-60° 17.0'					30	
Cr 269		MUS	9.2	OC	15.0m	13h 22.6m	-66° 07.0'						
Cr 271		CEN	8.7	OC	7.0m	13h 29.7m	-64° 11.0'					20	
Fein 1		CAR	4.7	OC		11h 06.0m	-59° 49.0'					40	
Harvard 5		CRU	7.1	OC	6.0m	12h 29.0m	-60° 46.0'						
pL,30* - Incl D* R 200													
Harvard 6		MUS	10.7	OC	5.0m	12h 37.9m	-68° 28.0'					100	
Harvard 8		MUS	9.5	OC	4.0m	13h 18.8m	-67° 12.0'					30	
Hogg 9		CAR	10.6	OC	1.5m	10h 58.4m	-59° 03.0'					10	
Hogg 10		CAR	6.9	OC	3.0m	11h 10.7m	-60° 22.0'						
Hogg 11		CAR	8.1	OC	1.5m	11h 11.5m	-60° 22.0'					10	
In Carina OB2													
Hogg 12		CAR	8.8	OC	3.0m	11h 12.3m	-60° 45.0'					10	
Hogg 14		CRU	9.5	OC	3.0m	12h 28.6m	-59° 49.0'						
Hogg 15		CRU	10.3	OC	2.0m	12h 43.6m	-63° 06.0'					15	
IC 2602		CAR	1.9	OC	100m	10h 42.9m	-64° 24.0'	C102				60	B
Cl,incl Theta Car - Theta Car;At edge of Sco-Cen association;30* mag 5...													
IC 2621		CAR	10.5	PN	5s	11h 00.3m	-65° 15.0'						
planetary, stellar, 10.5 mag - Stellar													
IC 2714		CAR	8.2	OC	12.0m	11h 17.3m	-62° 43.0'					100	B
Cl,pC - 150 F*													
IC 2944		CEN	4.5	DN	60m x 35m	11h 37.9m	-63° 21.0'	C100				30	
* 3.4 mag in vL neby - Lambda Cen Cl. in Cen OB2;neby descr: vL;F													
Loden 807		CEN	7.9	OC		13h 24.9m	-62° 26.0'					35	
Mel 101		CAR	8.0	OC	14.0m	10h 42.1m	-65° 06.0'					50	B
40 F*													
Mel 105		CAR	8.5	OC	4.0m	11h 19.5m	-63° 30.0'					70	B
NGC 3372		CAR	3.0	DN	120m x 120m	10h 45.1m	-59° 52.0'	C92			O		B
Keyhole Nebula													
! great neb,Eta Carinae - nova-like var Eta Car invl;many drk lanes													
NGC 3496		CAR	8.2	OC	6m	10h 59.6m	-60° 20.0'					60	
Cl,pL,pRi,IC,st 13													
NGC 3532		CAR	3.0	OC	50m	11h 05.2m	-58° 44.0'	C91			O	150	B
!!,Cl,eL,R,IC,st 8...12 - Fine object													
NGC 3572		CAR	6.6	OC	7.0m	11h 10.3m	-60° 15.0'					35	
Cl,pRi,IC - In Car OB2													
NGC 3590		CAR	8.2	OC	4.0m	11h 13.0m	-60° 47.0'					25	
Cl,pRi,C,E - In Car OB4													
NGC 3603		CAR	9.1	OC	2.5m	11h 15.1m	-61° 16.0'					30	
globular and neb,st 15...18													
NGC 3766		CEN	5.3	OC	12.0m	11h 36.2m	-61° 37.0'	C97				100	B
Cl,pL,pRi,pC,st 8...13 - Incl D* I 421													
NGC 3918		CEN	8.4	PN	12s	11h 50.3m	-57° 11.0'				O		
Blue Planetary													
!,S,R,blue,= *7,d = 1'.5													
NGC 3960		CEN	8.3	OC	7.0m	11h 50.6m	-55° 41.0'					45	
Cl,pL,pRi,gpmbM,st 13													
NGC 4052		CRU	8.8	OC	10m	12h 02.1m	-63° 13.0'					80	B
Cl,pRi,IC													
NGC 4103		CRU	7.4	OC	7.0m	12h 06.7m	-61° 15.0'					45	B

Chart 244													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
					Cl,pL,pC,iR,*10...14								
NGC 4230		CEN	9.4	OC	6.0m	12h 17.3m	-55° 05.0'					15	
					Cl,F,pL,iF,* 13...15								
NGC 4337		CRU	8.9	OC	3.5m	12h 24.1m	-58° 07.0'						B
					Cl,pRi,iC,* 12...14								
NGC 4349		CRU	7.4	OC	4m	12h 24.1m	-61° 52.0'					30	B
					Cl,vB,vL,iC,* 12...14								
NGC 4439		CRU	8.4	OC	4.0m	12h 28.4m	-60° 06.0'						
					Cl,S,* 11...12								
NGC 4463		MUS	7.2	OC	5.0m	12h 29.9m	-64° 47.0'					30	B
					Cl,P,vIC								
NGC 4609		CRU	6.9	OC	5.0m	12h 42.3m	-63° 00.0'	C98				40	B
					Cl,pL,pC,cE,st 10 - Near Coalsack								
NGC 4755		CRU	4.2	OC	10.0m	12h 53.6m	-60° 21.0'	C94			O		B
Jewel Box Cluster					!!Cl,vL,Ri,st vB (Kappa Cru) - 50 * mags 6..10;many tinted *								
NGC 4815		MUS	8.6	OC	3.0m	12h 58.0m	-64° 58.0'					100	B
					Cl,pL,pRi,iF,*10..18								
NGC 4833		MUS	7.4	GC	13.5m	12h 59.6m	-70° 52.0'	C105					B
					B,L,R,g,vsbM,st 12								
NGC 4852		CEN	8.9	OC	11.0m	13h 00.1m	-59° 37.0'					60	B
					Cl,L,pRi,iR,st10...								
NGC 5189		MUS	10.3	PN	140s	13h 33.5m	-65° 58.0'						
					B,pL,cE,bM,curved axis								
PK 289- 0.1		CAR	11.0	DN	35s	10h 56.2m	-60° 27.0'						
					Not a PLNNB;AG CAR variable W;Ring shaped faint neby								
PK 298- 0.1		CRU	11.0	DN	13s x 8s	12h 09.0m	-63° 16.0'						
					Not a PLNNB;compact H II region								
Pismis 17		CAR	9.4	OC	0.6m	11h 01.1m	-59° 49.0'						
Ru 92		CAR	8.6	OC	2.2m	10h 53.9m	-61° 44.0'					15	
Ru 93		CAR	7.7	OC	4.0m	11h 04.4m	-61° 22.0'					30	
Ru 97		CRU	9.1	OC	3.5m	11h 57.3m	-62° 39.0'					20	
Ru 98		CRU	7.0	OC	10.0m	11h 58.0m	-64° 29.0'					50	
Ru 107		MUS	9.7	OC	5.0m	13h 20.6m	-64° 57.0'					20	
Ru 166		CEN	10.8	OC	2.8m	13h 26.1m	-63° 25.0'					30	
Sher 1		CAR	8.8	OC		11h 00.0m	-60° 22.0'					8	
Stock 13		CAR	7.0	OC	3.0m	11h 13.1m	-58° 55.0'					15	
					In Carina OB3								
Stock 14		CEN	6.3	OC	4.0m	11h 44.0m	-62° 30.0'					10	
Stock 16		CEN	9.1	OC	3.0m	13h 19.1m	-62° 34.0'					20	
Tr 14		CAR	5.5	OC	5.0m	10h 43.9m	-59° 34.0'						
Tr 15		CAR	7.0	OC	3.0m	10h 44.8m	-59° 22.0'					20	
Tr 16		CAR	5.0	OC	10.0m	10h 45.1m	-59° 43.0'						
					Nu Car Cl;Mag includes Nu Car								
Tr 17		CAR	8.4	OC	5.0m	10h 56.2m	-59° 13.0'					30	
Tr 18		CAR	6.9	OC	12.0m	11h 11.4m	-60° 40.0'					30	
					In CAR OB2								
Tr 19		CAR	9.6	OC	10.0m	11h 14.3m	-57° 35.0'					40	
Tr 20		CRU	10.1	OC	18m	12h 39.7m	-60° 36.0'						
					L,vRi - About 200* mostly faint								

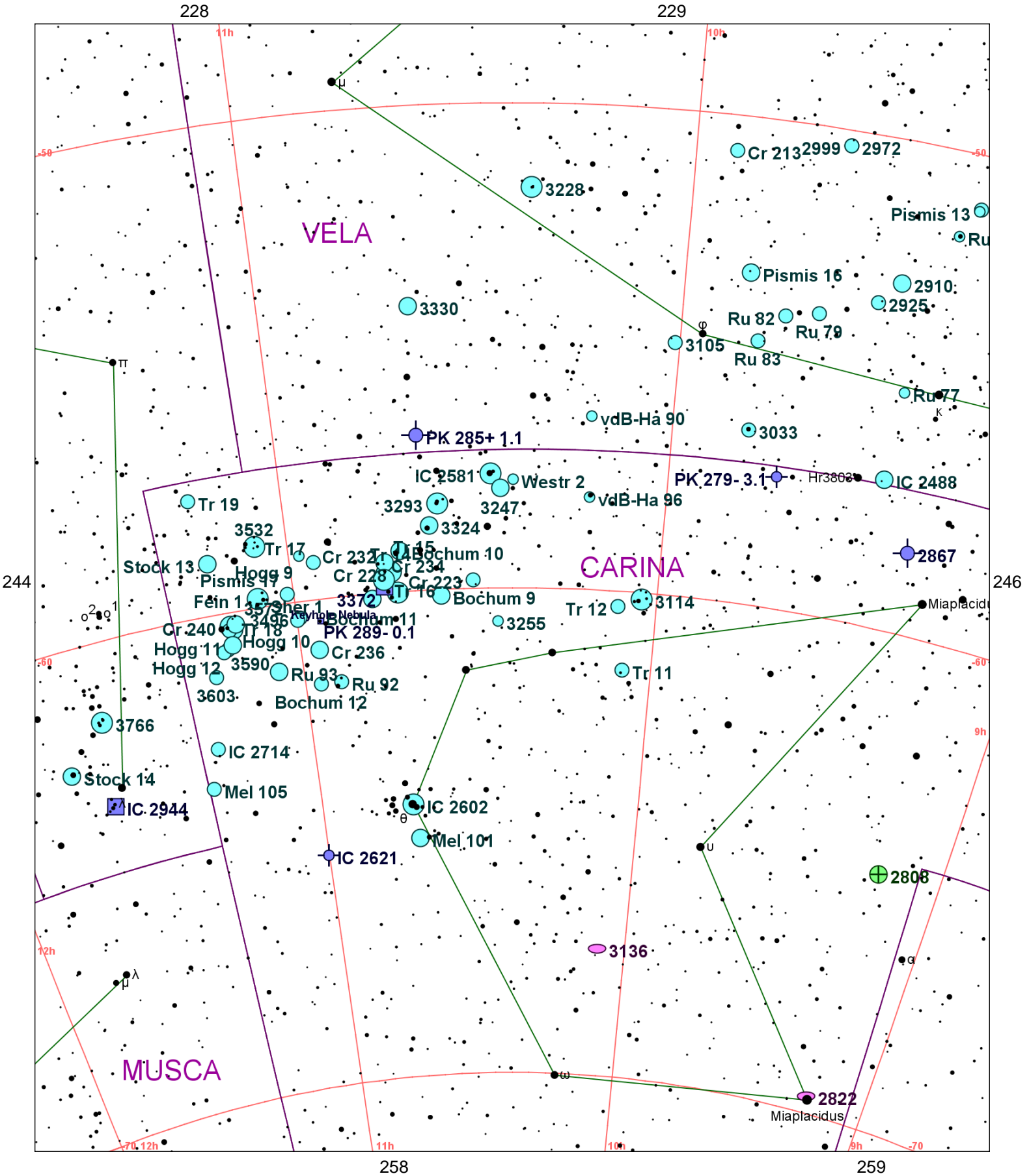


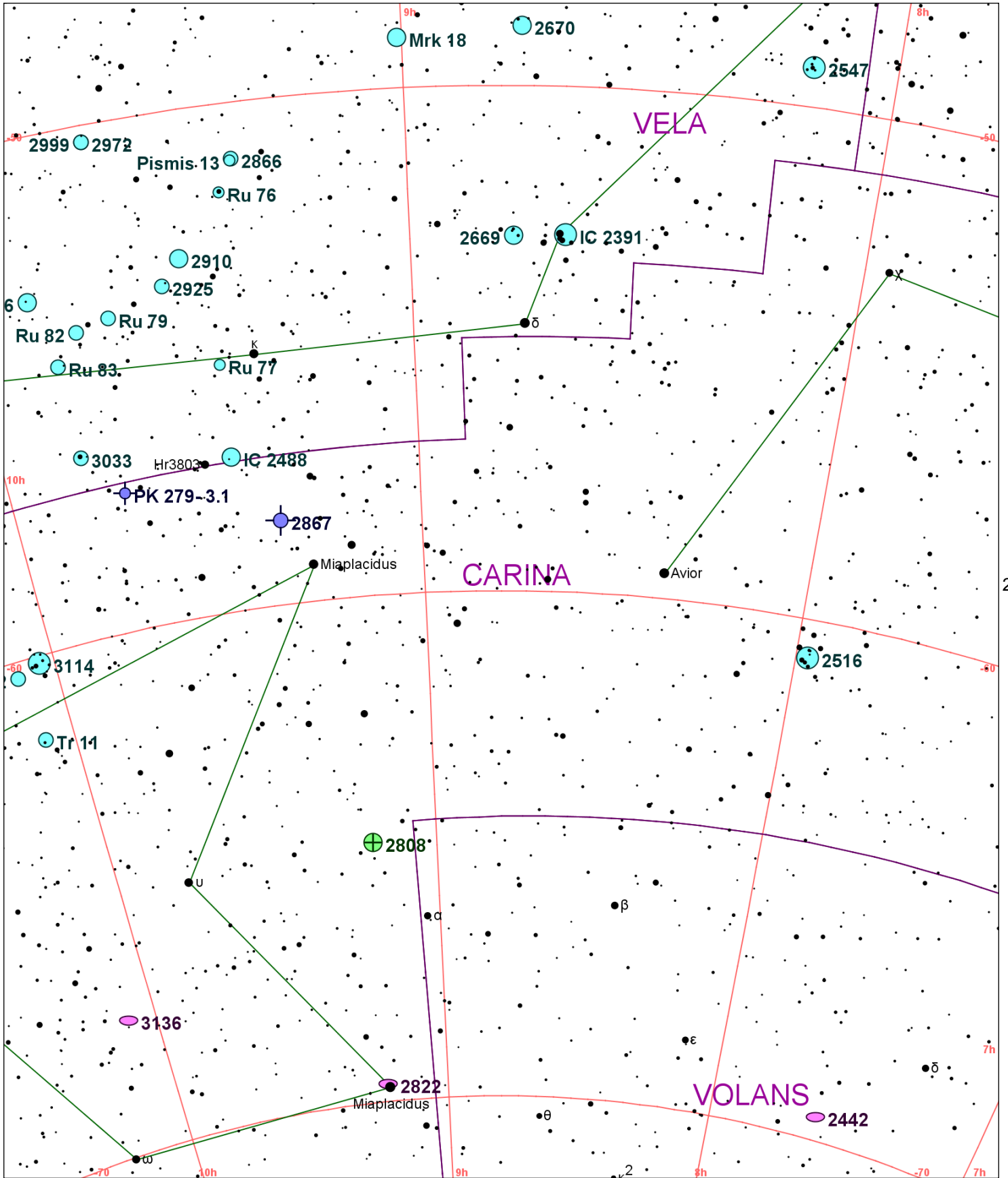
Chart 245

Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Bochum 9		CAR	6.3	OC		10h 35.8m	-60° 08.0'					30	
Bochum 10		CAR	6.2	OC		10h 42.2m	-59° 09.0'					40	
Bochum 11		CAR	7.9	OC		10h 47.3m	-60° 06.0'					20	
Bochum 12		CAR	9.7	OC		10h 57.4m	-61° 44.0'					20	
Cr 213		VEL	9.2	OC	17.0m	9h 54.7m	-50° 43.0'						
Cr 223		CAR	9.4	OC	9.0m	10h 30.5m	-59° 49.0'					35	
Cr 228		CAR	4.4	OC	15.0m	10h 43.0m	-60° 01.0'						
Cr 232		CAR	6.8	OC	4.0m	10h 44.8m	-59° 34.0'						
Cr 234		CAR	7.5	OC	4.0m	10h 45.3m	-59° 45.0'						
Cr 236		CAR	7.7	OC	8.0m	10h 57.0m	-61° 02.0'					20	
Cr 240		CAR	3.9	OC	25.0m	11h 11.2m	-60° 17.0'					30	
Fein 1		CAR	4.7	OC		11h 06.0m	-59° 49.0'					40	
Hogg 9		CAR	10.6	OC	1.5m	10h 58.4m	-59° 03.0'					10	
Hogg 10		CAR	6.9	OC	3.0m	11h 10.7m	-60° 22.0'						
Hogg 11		CAR	8.1	OC	1.5m	11h 11.5m	-60° 22.0'					10	
					In Carina OB2								
Hogg 12		CAR	8.8	OC	3.0m	11h 12.3m	-60° 45.0'					10	
IC 2488		VEL	7.4	OC	15.0m	9h 27.4m	-56° 57.0'					70	B
					about 50 stars mags 11....								
IC 2581		CAR	4.3	OC	8.0m	10h 27.4m	-57° 38.0'					25	
					Cl, around * 5.4 mag - In Car OB1?;beaut fld;central* CPD 3256 many pairs--Hartung								
IC 2602		CAR	1.9	OC	100m	10h 42.9m	-64° 24.0'	C102				60	B
					Cl,incl Theta Car - Theta Car;At edge of Sco-Cen association;30* mag 5...								
IC 2621		CAR	10.5	PN	5s	11h 00.3m	-65° 15.0'						
					planetary, stellar, 10.5 mag - Stellar								
IC 2714		CAR	8.2	OC	12.0m	11h 17.3m	-62° 43.0'					100	B
					Cl,pC - 150 F*								
IC 2944		CEN	4.5	DN	60m x 35m	11h 37.9m	-63° 21.0'	C100				30	
					* 3.4 mag in vL neby - Lambda Cen Cl. in Cen OB2;neby descr: vL;F								
Mel 101		CAR	8.0	OC	14.0m	10h 42.1m	-65° 06.0'					50	B
					40 F*								
Mel 105		CAR	8.5	OC	4.0m	11h 19.5m	-63° 30.0'					70	B
NGC 2808		CAR	6.3	GC	13.8m	9h 12.0m	-64° 52.0'						B
					! vL,eRi,vgeCM 45 sec d,st 13...15								
NGC 2822		CAR	10.7	GAL	2.8m x 2m	9h 13.8m	-69° 39.0'						
					pF,vS,R,glbM								
NGC 2866		VEL	10.0	OC	1.5m	9h 22.1m	-51° 06.0'						
					Cl,IC								
NGC 2867		CAR	9.7	PN	12.0s	9h 21.4m	-58° 19.0'	C90			O		
					!! =*8,vS,R,*15 np (90deg),*nr 13"								
NGC 2910		VEL	7.2	OC	5.0m	9h 30.5m	-52° 55.0'					30	B
					Cl,cL,pRi,pC,*10..14								
NGC 2925		VEL	8.3	OC	12.0m	9h 33.2m	-53° 24.0'					40	B
					Cl,pRi,pC,D* taken								
NGC 2972		VEL	9.9	OC	4.0m	9h 40.2m	-50° 19.0'					25	
					Cl,S,IRi,pC,st 13								
NGC 2999		VEL	9.0	OC	5m	9h 40.2m	-50° 19.0'						
					Cl,S,IRi,iF,st12..15								
NGC 3033		VEL	8.8	OC	12m	9h 48.7m	-56° 25.0'					50	
					Cl,pL,pRi,iF,*11..12								
NGC 3105		VEL	9.7	OC	2.0m	10h 00.7m	-54° 47.0'					20	
					Cl,C,IE,st 13...16								
NGC 3114		CAR	4.2	OC	35.0m	10h 02.5m	-60° 08.0'				O		B
					Cl,eL,IC,B,*9...14								
NGC 3136		CAR	10.7	GAL	3.3m x 2.4m	10h 05.8m	-67° 23.0'						
					pB,pS,R,gbM,*13n								
NGC 3228		VEL	6.0	OC	5m	10h 21.4m	-51° 43.0'					15	B

Chart 245													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
					Cl,9 L and a few S st - 25* mags 9...								
NGC 3247		CAR	7.6	OC	7.0m	10h 25.9m	-57° 56.0'					20	
					st inv in neb								
NGC 3255		CAR	11.0	OC	2.0m	10h 26.5m	-60° 41.0'					30	
					Cl,pS,vC,st 15								
NGC 3293		CAR	4.7	OC	40m	10h 35.8m	-58° 13.0'						B
					Cl,B,Ri,pL - In Car OB1								
NGC 3324		CAR	6.7	OC	16m	10h 37.3m	-58° 40.0'						
					pB,vvL,iF,D* inv								
NGC 3330		VEL	7.4	OC	7.0m	10h 38.8m	-54° 07.0'					30	
					Cl,P,st 9...								
NGC 3372		CAR	3.0	DN	120m x 120m	10h 45.1m	-59° 52.0'	C92			O		B
Keyhole Nebula					! great neb,Eta Carinae - nova-like var Eta Car invl;many drk lanes								
NGC 3496		CAR	8.2	OC	6m	10h 59.6m	-60° 20.0'					60	
					Cl,pL,pRi,IC,st 13								
NGC 3532		CAR	3.0	OC	50m	11h 05.2m	-58° 44.0'	C91			O	150	B
					!!Cl,eL,R,IC,st 8...12 - Fine object								
NGC 3572		CAR	6.6	OC	7.0m	11h 10.3m	-60° 15.0'					35	
					Cl,pRi,IC - In Car OB2								
NGC 3590		CAR	8.2	OC	4.0m	11h 13.0m	-60° 47.0'					25	
					Cl,pRi,C,E - In Car OB4								
NGC 3603		CAR	9.1	OC	2.5m	11h 15.1m	-61° 16.0'					30	
					globular and neb,st 15...18								
NGC 3766		CEN	5.3	OC	12.0m	11h 36.2m	-61° 37.0'	C97				100	B
					Cl,pL,pRi,pC,st 8...13 - Incl D* I 421								
PK 279- 3.1		CAR	10.4	PN	<25s	9h 43.5m	-57° 17.0'						
PK 285+ 1.1		VEL	8.6	PN	<5s	10h 38.6m	-56° 47.0'						
PK 289- 0.1		CAR	11.0	DN	35s	10h 56.2m	-60° 27.0'						
					Not a PLNNB;AG CAR variable W;Ring shaped faint neby								
Pismis 13		VEL	10.2	OC	2.0m	9h 22.3m	-51° 08.0'					30	
Pismis 16		VEL	8.0	OC	1.5m	9h 51.1m	-53° 11.0'					12	
Pismis 17		CAR	9.4	OC	0.6m	11h 01.1m	-59° 49.0'						
Ru 76		VEL	10.8	OC	6.0m	9h 24.2m	-51° 44.0'					20	
Ru 77		VEL	10.4	OC	2.0m	9h 27.1m	-55° 07.0'					35	
Ru 79		VEL	9.2	OC	11.0m	9h 41.0m	-53° 50.0'					20	
Ru 82		VEL	8.1	OC	3.6m	9h 45.6m	-53° 59.0'					20	
Ru 83		VEL	9.8	OC	3.4m	9h 49.0m	-54° 34.0'					30	
Ru 92		CAR	8.6	OC	2.2m	10h 53.9m	-61° 44.0'					15	
Ru 93		CAR	7.7	OC	4.0m	11h 04.4m	-61° 22.0'					30	
Sher 1		CAR	8.8	OC		11h 00.0m	-60° 22.0'					8	
Stock 13		CAR	7.0	OC	3.0m	11h 13.1m	-58° 55.0'					15	
					In Carina OB3								
Stock 14		CEN	6.3	OC	4.0m	11h 44.0m	-62° 30.0'					10	
Tr 11		CAR	8.1	OC	6.0m	10h 05.0m	-61° 37.0'						
Tr 12		CAR	8.8	OC	4.0m	10h 06.4m	-60° 19.0'						
Tr 14		CAR	5.5	OC	5.0m	10h 43.9m	-59° 34.0'						
Tr 15		CAR	7.0	OC	3.0m	10h 44.8m	-59° 22.0'					20	
Tr 16		CAR	5.0	OC	10.0m	10h 45.1m	-59° 43.0'						
					Nu Car Cl;Mag includes Nu Car								
Tr 17		CAR	8.4	OC	5.0m	10h 56.2m	-59° 13.0'					30	
Tr 18		CAR	6.9	OC	12.0m	11h 11.4m	-60° 40.0'					30	
					In CAR OB2								
Tr 19		CAR	9.6	OC	10.0m	11h 14.3m	-57° 35.0'					40	
Westr 2		CAR	10.5	OC	1.5m	10h 23.9m	-57° 45.0'					12	
vdB-Ha 90		VEL	10.3	OC	4.0m	10h 12.1m	-56° 25.0'					8	
vdB-Ha 96		CAR	10.3	OC	4.0m	10h 11.9m	-58° 05.0'						

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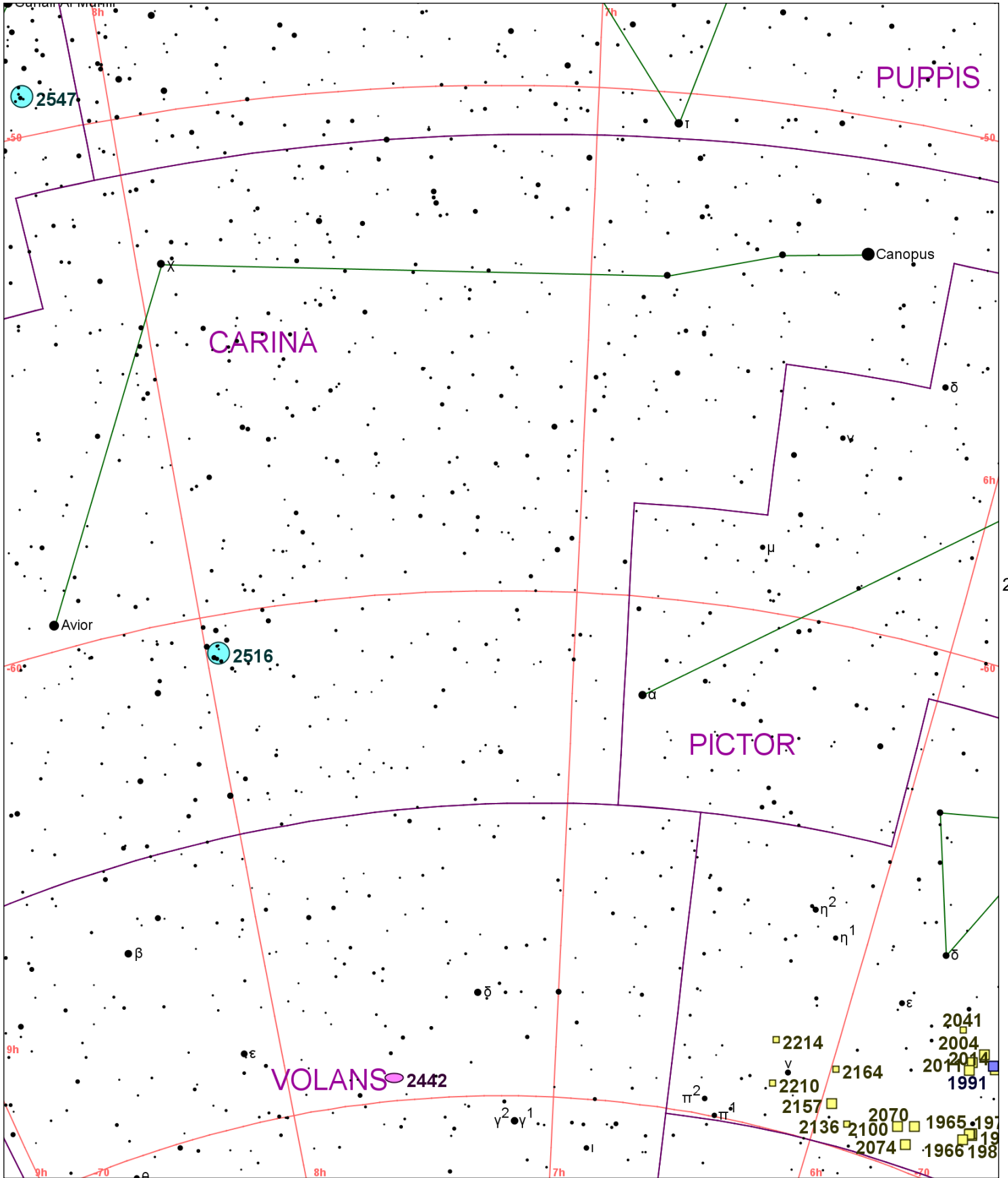
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Chart 246													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
IC 2391		VEL	2.5	OC	60m	8h 39.6m	-52° 55.0'	C85			O	30	B
					vL,B - Scattered group of 10 * incl Omicron Velorum								
IC 2488		VEL	7.4	OC	15.0m	9h 27.4m	-56° 57.0'					70	B
					about 50 stars mags 11....								
Mrk 18		VEL	7.8	OC	2.0m	9h 00.6m	-48° 59.0'					30	
NGC 2442		VOL	10.4	GAL	5.4m x 4.9m	7h 36.3m	-69° 32.0'						
					Cl,vF,R,P w 43,D* inv M								
NGC 2516		CAR	3.8	OC	21m	7h 58.1m	-60° 45.0'	C96				80	B
					Cl,vB,vL,pRi,*7...13								
NGC 2547		VEL	4.7	OC	20.0m	8h 10.2m	-49° 12.0'					80	B
					Cl,B,L,IC,st7...16								
NGC 2669		VEL	6.1	OC	20m	8h 46.4m	-52° 57.0'					40	
					Cl,L,P,IC,*10...13								
NGC 2670		VEL	7.8	OC	6m	8h 45.5m	-48° 48.0'					30	B
					Cl,pL,P,IC,st13...								
NGC 2808		CAR	6.3	GC	13.8m	9h 12.0m	-64° 52.0'						B
					! vL,eRi,vgeCM 45 sec d,st 13...15								
NGC 2822		CAR	10.7	GAL	2.8m x 2m	9h 13.8m	-69° 39.0'						
					pF,vS,R,glbM								
NGC 2866		VEL	10.0	OC	1.5m	9h 22.1m	-51° 06.0'						
					Cl,IC								
NGC 2867		CAR	9.7	PN	12.0s	9h 21.4m	-58° 19.0'	C90			O		
					!! =*8,vS,R,*15 np (90deg),*nr 13"								
NGC 2910		VEL	7.2	OC	5.0m	9h 30.5m	-52° 55.0'					30	B
					Cl,cL,pRi,pC,*10..14								
NGC 2925		VEL	8.3	OC	12.0m	9h 33.2m	-53° 24.0'					40	B
					Cl,pRi,pC,D* taken								
NGC 2972		VEL	9.9	OC	4.0m	9h 40.2m	-50° 19.0'					25	
					Cl,S,IRi,pC,st 13								
NGC 2999		VEL	9.0	OC	5m	9h 40.2m	-50° 19.0'						
					Cl,S,IRi,iF,st12..15								
NGC 3033		VEL	8.8	OC	12m	9h 48.7m	-56° 25.0'					50	
					Cl,pL,pRi,iF,*11..12								
NGC 3114		CAR	4.2	OC	35.0m	10h 02.5m	-60° 08.0'				O		B
					Cl,eL,IC,B,*9...14								
NGC 3136		CAR	10.7	GAL	3.3m x 2.4m	10h 05.8m	-67° 23.0'						
					pB,pS,R,gbM,*13n								
PK 279- 3.1		CAR	10.4	PN	<25s	9h 43.5m	-57° 17.0'						
Pismis 13		VEL	10.2	OC	2.0m	9h 22.3m	-51° 08.0'					30	
Pismis 16		VEL	8.0	OC	1.5m	9h 51.1m	-53° 11.0'					12	
Ru 76		VEL	10.8	OC	6.0m	9h 24.2m	-51° 44.0'					20	
Ru 77		VEL	10.4	OC	2.0m	9h 27.1m	-55° 07.0'					35	
Ru 79		VEL	9.2	OC	11.0m	9h 41.0m	-53° 50.0'					20	
Ru 82		VEL	8.1	OC	3.6m	9h 45.6m	-53° 59.0'					20	
Ru 83		VEL	9.8	OC	3.4m	9h 49.0m	-54° 34.0'					30	
Tr 11		CAR	8.1	OC	6.0m	10h 05.0m	-61° 37.0'						
Tr 12		CAR	8.8	OC	4.0m	10h 06.4m	-60° 19.0'						

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Chart 247													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
NGC 1962		DOR	8.5	MISC	13m x 12m	5h 26.3m	-68° 50.0'						
					vF,pL,R,1st of 4								
NGC 1965		DOR	8.5	MISC		5h 26.5m	-68° 48.0'						
					F,S,2nf of 4								
NGC 1966		DOR	8.5	MISC	13m	5h 26.8m	-68° 49.0'						
					pB,R,pslbM,3rd of 4,in pL,irr Cl								
NGC 1968		DOR	9.0	MISC	20m x 20m	5h 27.4m	-67° 28.0'						
					Cl,Ri,3rd of several								
NGC 1970		DOR	8.5	MISC		5h 26.9m	-68° 50.0'						
					4th of 4								
NGC 1974		DOR	9.0	MISC	9m	5h 28.0m	-67° 25.0'						
					Cl,L,irR								
NGC 1983		DOR	8.5	MISC		5h 27.7m	-68° 59.0'						
					Cl,vL,pRi,iF								
NGC 1991		DOR	9.0	DN	9m	5h 28.0m	-67° 25.0'						
					Cl,4th of sev								
NGC 2004		DOR	9.8	MISC		5h 30.7m	-67° 17.0'						
					B,pL,pRi,C,st 12 - In LMC								
NGC 2011		DOR	9.5	MISC		5h 32.3m	-67° 31.0'						
					vB,S,R,psmbM								
NGC 2014		DOR	8.5	MISC		5h 32.3m	-67° 41.0'						
					Cl,pL,pC,iF,st9...15								
NGC 2041		DOR	10.5	MISC		5h 36.5m	-66° 59.0'						
					B,S,R,vglbM								
NGC 2070		DOR	8.3	MISC	20m	5h 38.6m	-69° 06.0'	C103					B
					!!! vB,vL,looped - 30 Dor cluster in LMC								
NGC 2074		DOR	8.5	MISC		5h 39.1m	-69° 30.0'						
					pB,pL,mE,5* inv								
NGC 2100		DOR	9.6	MISC	2.3m	5h 42.2m	-69° 13.0'						
					B,pL,irr R,rr - In LMC								
NGC 2136		DOR	10.5	MISC		5h 53.0m	-69° 30.0'						
					pB,R,gmbM,rr,* 14...16								
NGC 2157		DOR	10.0	MISC		5h 57.6m	-69° 12.0'						
					vB,S,R,vqymbM,rr								
NGC 2164		DOR	10.5	MISC		5h 58.9m	-68° 31.0'						
					vB,R,mCM,rr								
NGC 2210		DOR	10.2	MISC	1.7m	6h 11.5m	-69° 07.0'						
					vB,pL,R,mbM,r - In LMC								
NGC 2214		DOR	11.0	MISC		6h 13.0m	-68° 16.0'						
					B,pS,iE,gbM,rrr								
NGC 2442		VOL	10.4	GAL	5.4m x 4.9m	7h 36.3m	-69° 32.0'						
					Cl,vF,R,P w 43,D* inv M								
NGC 2516		CAR	3.8	OC	21m	7h 58.1m	-60° 45.0'	C96				80	B
					Cl,vB,vL,pRi,*7...13								
NGC 2547		VEL	4.7	OC	20.0m	8h 10.2m	-49° 12.0'					80	B
					Cl,B,L,IC,st7...16								

Chart 248													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
Large Magellanic Cloud		DOR	0.4	GAL	550m x 170m	5h 23.6m	-69° 45.0'						B
					eB,eeL,mBM,mE,rrr - Local Group Memb;Many Cl+NB invl;SN 1987A								
NGC 1559		RET	10.6	GAL	3.5m x 2m	4h 17.6m	-62° 47.0'						
					vB,vL,mE,vgpmbM,*14 att n								
NGC 1617		DOR	10.4	GAL	4.8m x 2.4m	4h 31.7m	-54° 36.0'						
					B,L,mE106,vg,vsmbMN 5"								
NGC 1672		DOR	9.7	GAL	6.7m x 5.6m	4h 45.7m	-59° 15.0'				O		
					B,L,smbMN								
NGC 1711		MEN	10.0	MISC		4h 50.6m	-69° 59.0'						
					B,S,iR,rrr,st 14								
NGC 1755		DOR	9.9	MISC	2.0m	4h 55.2m	-68° 12.0'						
					vB,pL,R,gbM,f of 2 - In LMC								
NGC 1770		DOR	9.0	MISC		4h 57.3m	-68° 25.0'						
					Cl+ neb,pL,pRi,*11...18								
NGC 1774		DOR	10.5	MISC		4h 58.1m	-67° 15.0'						
					B,S,R,smbM,**+ neb								
NGC 1783		DOR	11.0	MISC		4h 59.1m	-65° 59.0'						
					cB,L,R,vgpmbM,r								
NGC 1786		DOR	10.1	MISC	1.2m	4h 59.1m	-67° 45.0'						
					vB,pS,IE,vsmbM,* 9 - In LMC;bright foreground star								
NGC 1805		DOR	10.5	MISC		5h 02.4m	-66° 07.0'						
					B,vS,vsmbM,st+ neb								
NGC 1814		DOR	9.0	MISC		5h 03.8m	-67° 18.0'						
					vF,R,s of 2 in Cl								
NGC 1816		DOR	9.0	MISC	16m	5h 03.8m	-67° 16.0'					60	
					vF,R,2nd neb in Cl								
NGC 1818		DOR	9.8	MISC	2.5m	5h 04.2m	-66° 26.0'						
					vB,pL,R,vmC,rr - In LMC								
NGC 1820		DOR	9.0	MISC		5h 04.0m	-67° 16.0'						
					Cl,pL,Ri,C,iF								
NGC 1829		DOR	8.5	MISC		5h 05.0m	-68° 03.0'						
					F,pL,R,r								
NGC 1831		DOR	11.0	MISC		5h 06.4m	-64° 55.0'						
					B,L,R,glbM,r								
NGC 1835		DOR	9.8	MISC	1.2m	5h 05.1m	-69° 24.0'						
					cB,S,R,gbM,3rd of 3 - In LMC								
NGC 1850		DOR	9.3	MISC	3.4m	5h 08.7m	-68° 46.0'						
					vB,L,IE,vmCM,rr,! - In LMC;neb Henize N103								
NGC 1854		DOR	10.5	MISC		5h 09.3m	-68° 51.0'						
					cB,S,R,gbM,2nd of 3								
NGC 1855		DOR	10.0	GC		5h 09.3m	-68° 51.0'						
					Cl,vB,L,R,st 12								
NGC 1856		DOR	10.0	MISC		5h 09.5m	-69° 08.0'						
					B,pL,R,gbM,12" diam RA								
NGC 1866		DOR	9.9	MISC	5.1m	5h 13.7m	-65° 28.0'						
					vB,L,R,vgmbM,r - In LMC								
NGC 1874		DOR	9.0	MISC		5h 13.2m	-69° 23.0'						
					neb and Cl,biN								
NGC 1876		DOR	9.0	MISC		5h 13.3m	-69° 22.0'						
					pB,iR,biN,2nd in group								
NGC 1947		DOR	10.6	GAL	2.4m x 2m	5h 26.8m	-63° 46.0'						
					pB,L,R,glbM,*9 np								
NGC 1951		DOR	10.5	MISC		5h 26.1m	-66° 36.0'						
					B,IE,sbM**10 & 11								
NGC 1955		DOR	9.0	MISC		5h 26.2m	-67° 30.0'						

Chart 248													
Name	M	Const.	Mag.	Type	Size	R.A.	Decl.	C	R	S	O	# Stars	B
Common					Notes								
					Cl,Ri,2nd of several								
NGC 1962		DOR	8.5	MISC	13m x 12m	5h 26.3m	-68° 50.0'						
					vF,pL,R,1st of 4								
NGC 1965		DOR	8.5	MISC		5h 26.5m	-68° 48.0'						
					F,S,2nf of 4								
NGC 1966		DOR	8.5	MISC	13m	5h 26.8m	-68° 49.0'						
					pB,R,pslbM,3rd of 4,in pL,irr Cl								
NGC 1968		DOR	9.0	MISC	20m x 20m	5h 27.4m	-67° 28.0'						
					Cl,Ri,3rd of several								
NGC 1970		DOR	8.5	MISC		5h 26.9m	-68° 50.0'						
					4th of 4								
NGC 1974		DOR	9.0	MISC	9m	5h 28.0m	-67° 25.0'						
					Cl,L,irR								
NGC 1978		DOR	9.9	MISC	42m x 19m	5h 28.8m	-66° 14.0'						
					vB,vL,IE,vqpmB - In LMC;elongated.								
NGC 1983		DOR	8.5	MISC		5h 27.7m	-68° 59.0'						
					Cl,vL,pRi,iF								
NGC 1986		MEN	11.0	MISC		5h 27.7m	-69° 58.0'						
					B,pL,R,gbM								
NGC 1991		DOR	9.0	DN	9m	5h 28.0m	-67° 25.0'						
					Cl,4th of sev								
NGC 2004		DOR	9.8	MISC		5h 30.7m	-67° 17.0'						
					B,pL,pRi,C,st 12 - In LMC								
NGC 2011		DOR	9.5	MISC		5h 32.3m	-67° 31.0'						
					vB,S,R,psmbM								
NGC 2014		DOR	8.5	MISC		5h 32.3m	-67° 41.0'						
					Cl,pL,pC,iF,st9...15								
NGC 2019		MEN	11.0	MISC		5h 31.9m	-70° 10.0'						
					B,pL,gbM								
NGC 2041		DOR	10.5	MISC		5h 36.5m	-66° 59.0'						
					B,S,R,vglbM								
NGC 2065		MEN	11.0	MISC		5h 37.6m	-70° 14.0'						
					B,R,6th of 7								
NGC 2070		DOR	8.3	MISC	20m	5h 38.6m	-69° 06.0'	C103					B
					!!! vB,vL,looped - 30 Dor cluster in LMC								
NGC 2074		DOR	8.5	MISC		5h 39.1m	-69° 30.0'						
					pB,pL,mE,5* inv								
NGC 2100		DOR	9.6	MISC	2.3m	5h 42.2m	-69° 13.0'						
					B,pL,irr R,rr - In LMC								
NGC 2134		MEN	11.0	MISC		5h 51.9m	-71° 06.0'						
					B,pL,R,gmbM,r								
NGC 2136		DOR	10.5	MISC		5h 53.0m	-69° 30.0'						
					pB,R,gmbM,rr,* 14...16								
NGC 2157		DOR	10.0	MISC		5h 57.6m	-69° 12.0'						
					vB,S,R,vqymbM,rr								
NGC 2164		DOR	10.5	MISC		5h 58.9m	-68° 31.0'						
					vB,R,mCM,rr								
NGC 2210		DOR	10.2	MISC	1.7m	6h 11.5m	-69° 07.0'						
					vB,pL,R,mbM,r - In LMC								
NGC 2214		DOR	11.0	MISC		6h 13.0m	-68° 16.0'						
					B,pS,IE,gbM,rrr								