

Starland Revisited

Olcott's ID	Correc t ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
Spring												
P. 2												
iota		Cancer	Σ 1268		4.03	6.58	30.6"	307°	G7.5IIIa	08h 46.7m	+28° 46'	08467+2846
Σ 1223 (note)		Cancer	phi ²		6.30	6.35	5"	217°	A3V A6V	08h 26.8m	+26° 56'	08268+2656
upsilon ¹ (note)	24	Cancer		A-BC	6.51	7.38	5.4"	50°	F0V F7V	08h 26.7m	+24° 32'	08267+2432
zeta		Cancer	Σ 1196	AB-C	5.05	6.20	6"	73°	G0V	08h 12.2m	+17° 39'	08122+1739
Σ1311		Cancer		AB	6.39	6.76	7.6"	198°	F4V F5V	09h 07.4m	+22° 59'	09074+2259
theta		Cancer	HJ 2542	AB	5.35	10.00	70.4"	62°	K5III	08h 31.6m	+18° 06'	08316+1806
66		Cancer	Σ 1298	AB	5.89	8.68	4.4"	135°	A2V	09h 01.4m	+32° 15'	09014+3215
phi ² (note)		Cancer	Σ 1223		6.30	6.35	5"	217°	A3V A6V	08h 26.8m	+26° 56'	08268+2656
64		Cancer	SHJ 100	AB	5.2	9.40	88.3"	296°	G8III	08h 59.5m	+32° 25'	08595+3225
93 (note)		Lynx	S 565	AB	6.2	8.48	83.4"	175°	K5III	08h 24.7m	+42° 00'	08247+4200
Σ 1245		Hydra		AB	5.91	7.25	10.2"	25°	F8V G5V	08h 35.8m	+06° 37'	08358+0637
14		Canis Minor	SHJ 87	AB	5.29	8.50	98.6"	83°	K0III	07h 58.3m	+02° 13'	07583+0213
				AC	5.4	9.40	132.1"	148°				
p. 4												
zeta		Corona Borealis	Σ 1965	AB	4.64	5.60	6.1"	305°	B7V B9V	15h 39.4m	+36° 38'	15394+3638
sigma		Corona Borealis	Σ 2032	AB	5.23	6.26	6.7"	235°	G0V G1V	16h 14.7m	+33° 52'	16147+3352
lambda		Corona Borealis	H VI 94	AB	5.45	10.00	90.8"	67°	F0IV	15h 55.8m	+37° 57'	15558+3757
Σ1964		Corona Borealis		AC	7.70	7.60	15.2"	86°	F5	15h 38.2m	+36° 15'	15382+3615
P. 6												
delta		Corvus	SHJ 145		2.95	8.47	24.3"	215°	B9.5V	12h 29.9m	-16° 31'	12299-1631
Σ1669		Corvus		AB	5.17	5.19	5.2"	313°	F5V F5V	12h 41.3m	-13° 01'	12413-1301
Σ1530		Crater		AB	7.91	8.33	7.6"	313°	F2	11h 19.7m	-06° 54'	11197-0654
H376		Hydra (note)	N (H 96)		4.92	5.00	9.5"	210°	F8V F8V	11h 32.3m	-29° 16'	11323-2916
P. 8												
nu		Draco	Σ 35 App 1		4.86	4.89	61.7"	311°	A4m A6V	17h 32.2m	+55° 11'	17322+5511
psi		Draco	Σ 2241	AB	4.57	5.81	30.1"	16°	F5IV F8V	17h 41.9m	+72° 09'	17419+7209
40,41		Draco	Σ 2308	AB	5.74	6.11	19.3"	233°	F7V F7V	18h 00.2m	+80° 00'	18002+8000
39		Draco	Σ 2323	AB	4.98	7.98	3.7"	349°	A1V	18h 23.9m	+58° 48'	18239+5848
				AC	5.10	7.90	88.6"	19°				
17 (16,17)		Draco	Σ 30 App 1	AB	5.07	6.20	3.2"	106°	B9.5V	16h 36.2m	+52° 55'	16362+5255
				AC	5.07	5.53	88.9"	193°	B9.5V			
omicron		Draco	Σ 2420	AB	4.66	7.90	36.1"	320°	G7III-IV	18h 51.2m	+59° 23'	18512+5923
epsilon		Draco	Σ 2603		3.84	6.84	3.4"	18°	G7IIIb	19h 48.2m	+70° 16'	19482+7016
iota		Draco	BMP 162		3.29	9.20	254.7"	50°	K2III	15h 24.9m	+58° 58'	15249+5858

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gamma		Draco	Bur 633	AF	2.40	11.20	127.2"	118°	K5III	17h 56.6m	+51° 29'	17566+5129
Σ1984		Draco		AB	6.74	8.97	6.5"	281°	A1V	15h 51.1m	+52° 54'	15511+5254
Σ2604		Draco			6.76	9.06	27.8"	183°	G5	19h 52.8m	+64° 11'	19528+6411
Σ2573		Draco			6.49	9.10	18.2"	27°	A5V	19h 40.2m	+60° 30'	19402+6030
OΣ 123		Draco		AB	6.64	7.01	69.6"	148°	F0	13h 27.1m	+64° 44'	13271+6444
Σ2348		Draco		AB-C	5.35	8.81	25.6"	270°	F0	18h 33.9m	+52° 21'	18339+5221
mu		Draco	Σ 2130	AB	4.91	5.00	2.3"	20° (note)	F7V	17h 05.3m	+54° 28'	17053+5428
P. 10												
alpha		Hercules	Σ 2140	Aa-B	2.78	5.12	4.7"	105°	M5Ib-II	17h 14.6m	+14° 23'	17146+1423
delta		Hercules	Σ 3127	Aa-B	3.14	8.30	10.9"	276°	A3IV	17h 15.0m	+24° 50'	17150+2450
gamma		Hercules	SHJ 227	AB	3.75	9.58	42.3"	229°	A9III	16h 21.9m	+19° 09'	16219+1909
rho		Hercules	Σ 2161	Aa-B	4.15	5.09	4.2"	317°	B9.5III	17h 23.7m	+37° 09'	17237+3709
95		Hercules	Σ 2264		4.26	4.64	6.3"	256°	A5IIIn	18h 01.5m	+21° 36'	18015+2136
kappa		Hercules	Σ 2010	AB	5.50	6.25	27.1"	12°	G7III	16h 08.1m	+17° 03'	16081+1703
Σ2101		Hercules		AB	7.33	9.52	4.1"	49°	F6V	16h 06.0m	+35° 38'	16060+3538
Σ2104		Hercules			7.21	8.72	5.8"	21°	F2V	16h 48.7m	+35° 56'	16487+3556
mu		Hercules	Σ 2220	A-BC	3.42	9.78	35.5"	249°	G5IV	17h 46.5m	+27° 43'	17465+2743
100		Hercules	Σ 2280	Aa-B	5.79	5.83	14.3"	183°	A3V	18h 07.8m	+26° 06'	18078+2606
83 (note)	Σ 2194	Hercules			6.37	9.21	16.3"	7°	K4III	17h 41.1m	+24° 31'	17411+2431
Σ2007		Serpens (note)		AB	6.8	8.00	37.8"	322°	G8III	16h 06.0m	+13° 19'	16060+1319
Σ2190		Hercules			6.11	9.67	10.4"	22°	A7IV	17h 36.0m	+21° 00'	17360+2100
23 (note)		Corona Borealis	H V 38	AB	6.4	9.75	31.9"	17°	A4Vn	16h 22.9m	+32° 20'	16229+3220
Σ2063		Hercules			5.61	8.69	16.1"	195°	A2V	16h 31.8m	+45° 36'	16318+4536
Σ2277		Hercules		AB	6.26	9.04	26.8"	126°	A1V	18h 03.1m	+48° 28'	18031+4828
P. 12												
gamma		Leo	Σ 1424	AB	2.01	3.16	4.5"	125°	K0III	10h 20.0m	+19° 50'	10200+1950
tau		Leo	Σ 19 App 1	AB	5.05	7.47	89.7"	180°	G8II-III	11h 27.9m	+02° 51'	11279+0251
54		Leo	Σ 1487		4.30	6.25	6.6"	111°	A1V A2Vn	10h 55.6m	+24° 45'	10556+2445
93		Leo	STF 7 App 2	AB	4.59	9.03	74.5"	356°	A7V+G5III	11h 48.0m	+20° 13'	11480+2013
90		Leo	Σ 1552	AB	6.30	7.06	3.4"	209°	B4V	11h 34.7m	+16° 48'	11347+1648
				AC	6.30	8.80	62.9"	234°	F5			
6		Leo	SHJ 107		5.09	9.56	37.8"	74°	K3III	09h 32.0m	+09° 43'	09320+0943
7		Leo	H V 58		6.33	9.48	41.3"	83°	A1V	09h 35.9m	+14° 23'	09359+1423
88		Leo	Σ 1547		6.27	9.05	15.9"	330°	G0IV	11h 31.7m	+14° 22'	11317+1422
P. 14												
epsilon ¹		Lyra	Σ 2382	AB	4.67	5.81	2.5"	351° (note)	A4V F1V	18h 44.3m	+39° 40'	18443+3940
epsilon ²		Lyra	Σ 2383	Cc-D	4.59	4.80	2.4"	83°	A8Vn F0Vn	18h 44.3m	+39° 40'	18443+3940
zeta		Lyra	Σ 38 App 1	AD	4.34	5.73	43.9"	149°	F0IVv	18h 44.8m	+37° 36'	18448+3736
beta		Lyra	Σ 39 App 1	AB	3.63	6.69	46.3"	148°	B7Ve+A8p	18h 50.1m	+33° 22'	18501+3322
				AE	3.40	9.90	66.9"	317°	B7V+A8			
			Bur 293	AF	3.40	9.90	85.8"	19°				

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eta		Lyra	Σ 2487	AB	4.38	8.58	27.9"	82°	B2.5IV	19h 13.8m	+39° 09'	19138+3909
theta		Lyra	SHJ 292	AB	4.36	9.20	100.2"	74°	K0II	19h 16.4m	+38° 08'	19164+3808
P. 16												
gamma		Virgo	Σ 1670	AB	2.74	2.79	1.6" (note)	264°	F0V F0V	12h 41.7m	-01° 27'	12417-0127
Σ1669		Corvus (note)		AB	5.17	5.19	5.2"	313°	F5V F5V	12h 41.3m	-13° 01'	12413-1301
tau		Virgo	SHJ 171	AB	4.26	9.48	81.3"	290°	A3V	14h 01.6m	+01° 33'	14016+0133
Σ1627		Virgo			6.57	7.08	20"	196°	F2V F3V	12h 18.2m	-03° 57'	12182-0357
Σ1682		Virgo		AB	6.50	9.78	28.8"	298°	G8III	12h 51.4m	-10° 20'	12514-1020
theta		Virgo	STF 1724	Aa-B	4.38	8.00	6.5"	347°	A1IV+A	13h 09.9m	-05° 32'	13099-0532
			H III 50	BC	9.40	10.40	65.8"	295°				
Summer												
P. 20												
pi		Bootes	Σ 1864	AB	4.48	5.55	5.6"	109°	B9pMnHg	14h 40.7m	+16° 25'	14407+1625
delta		Bootes	Σ 27 App 1		3.46	7.80	103.7"	78°	G8IIICN-1	15h 15m.5	+33° 19'	15155+3319
mu		Bootes	Σ 28 App 1	Aa-BC	4.31	6.51	109.1"	171°	F2IVa G0V	15h 24.5m	+37° 23'	15245+3723
44		Bootes	Σ 1909		4.83	5.60	2.0"	53° (note)	G0V	15h 03.8m	+47° 39'	15038+4739
39		Bootes	Σ 1890		5.68	6.04	2.7"	46°	F6V+F5V	14h 49.7m	+48° 43'	14497+4843
iota		Bootes	Σ 26 App 1	AB	4.76	7.39	38.9"	33°	A7IV K0V	14h 16.2m	+51° 22'	14162+5122
kappa		Bootes	Σ 1821		4.53	6.62	14.0"	237°	A7V F1V	14h 13.5m	+51° 47'	14135+5147
Σ1919		Serpens (note)			6.69	7.71	23.4"	11°	G1V G5V	15h 12.7m	+19° 17'	15127+1917
Σ1850		Bootes			7.12	7.62	25.7"	262°	A1V A1V	14h 28.6m	+28° 17'	14286+2817
Σ1835		Bootes		A-BC	4.86	6.86	6.1"	194°	A0V F2V	14h 23.4m	+08° 27'	14234+0827
xi		Bootes	Σ 1888	AB	4.54	6.81	6.8"	320° (note)	G8V K5V	14h 51.4m	+19° 06'	14514+1906
epsilon		Bootes	Σ 1877	AB	2.34	4.54	2.6"	341°	K0II-III	14h 45.0m	+27° 04'	14450+2704
P. 22												
alpha		Canes Venatici	Σ 1692		2.89	5.61	18.8"	230°	A0pSiEuHg	12h 56.0m	+38° 19'	12560+3819
2		Canes Venatici	Σ 1622		5.69	8.64	12.1"	263°	M1III+F7V	12h 16.1m	+40° 40'	12161+4040
Σ1615		Coma Berenices	(note)		6.86	8.81	26.8"	88°	K1III F8V	12h 14.1m	+32° 47'	12141+3247
15 (note)	17	Canes Venatici	Σ 24 App 1		5.91	6.25	277.4"	297°	A9IV	13h 10.1m	+38° 30'	13101+3830
24		Coma Berenices	Σ 1657		5.03	6.57	20.6"	270°	K2III	12h 35.1m	+18° 23'	12351+1823
12		Coma Berenices	SHJ 143	AC	4.81	8.55	65.3"	167°	G0III-IV+A3V	12h 22.5m	+25° 51'	12225+2551
17		Coma Berenices	Σ 21 App1	AB	5.29	6.63	145.2"	250°	A0p	12h 28.9m	+25° 55'	12289+2555
35		Coma Berenices	Σ 1687	AC	5.00	9.76	28.8"	126°	G7III	12h 53.3m	+21° 15'	12533+2115
2		Coma Berenices	Σ 1596		5.89	7.30	3.7"	236° (note)	F0IV-V	12h 04.3m	+21° 28'	12043+2128
Σ1678		Coma Berenices			7.22	7.72	36.3"	173°	B8V	12h 45.4m	+14° 22'	12454+1422
32		Coma Berenices	Σ 23 App 1	AB	6.32	6.93	196.1"	51°	M0III	12h 52.2m	+17° 04'	12522+1704
P. 24												
iota		Libra	H VI 44	Aa-B	4.53	9.82	56.9"	112°	B9IV	15h 12.2m	-19° 48'	15122-1948

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P. 212 (note)		Libra	H N 28	AB	5.79	7.95	25"	304°	K5Ve M2V	14h 57.5m	-21° 25'	14575-2125
Σ1962		Libra			6.45	6.56	11.9"	189°	F8V F8V	15h 38.7m	-08° 47'	15387-0847
H4783 (note)		Libra	S 672		6.28	8.97	11.2"	280°	A8V	15h 31.7m	-20° 10'	15317-2010
54		Hydra	H III 97		5.15	7.22	8.3"	123°	F2V	14h 46.0m	-25° 27'	14460-2527
P. 26												
67		Ophiuchus	H VI 2	AC	3.96	8.12	54.6"	142°	B5I	18h 00.6m	+02° 56'	18006+0256
36		Ophiuchus	SHJ 243	AB	4.33	4.34	4.7"	148°	K0V K1V	17h 15.3m	-26° 36'	17153-2636
tau		Ophiuchus	Σ 2262	AB	4.77	5.44	1.7"	282°	F4IV F5V	18h 03.1m	-08° 11'	18031-0811
				AC	5.30	11.28	100.3"	126°				
39		Ophiuchus	H 25		5.14	6.59	10.2"	355°	G8III	17h 18.0m	-24° 17'	17180-2417
Σ2166		Ophiuchus			7.11	8.62	27.5"	282°	A5V	17h 27.9m	+11° 23'	17279+1123
61		Ophiuchus	Σ 2202	AB	6.16	6.67	21"	93°	A1IV-V	17h 44.6m	+02° 35'	17446+0235
53		Ophiuchus	Σ 34 App 1	AB	5.81	7.62	41.4"	190°	A2V	17h 34.6m	+09° 35'	17346+0935
19		Ophiuchus	Σ 2096	AB	6.09	9.68	23.5"	89°	A3V	16h 47.2m	+02° 04'	16472+0204
70		Ophiuchus	Σ 2272	AB	4.03	5.87	3.6"	150°	K0V K4V	18h 05.5m	+02° 30'	18055+0230
rho		Ophiuchus	H II 19	AB	4.57	5.22	2.9"	340°	B2IV B2V	16h 25.6m	-23° 27'	16256-2327
delta		Serpens	Σ 1954	AB	3.80	4.84	4.1"	174°	F0IV	15h 34.8m	+10° 32'	15348+1032
theta		Serpens	Σ 2417	AB	4.62	4.98	22.6"	103°	A5V A5Vn	18h 56.2m	+04° 12'	18562+0412
nu		Serpens	SHJ 247		4.33	9.18	46.3"	28°	A2V	17h 20.8m	-12° 51'	17208-1251
beta		Serpens	Σ 1970		3.66	9.96	30.4"	265°	A2IV	15h 46.2m	+15° 25'	15462+1525
5		Serpens	Σ 1930	AB	5.06	10.11	11.4"	36°	F8V	15h 19.3m	+01° 46'	15193+0146
Σ2342		Serpens		AC	6.70	9.30	32.8"	5° (note)	A1V	18h 35.6m	+04° 56'	18356+0456
Σ1931		Serpens		AB	7.11	8.04	13.1"	167°	F7V G3V	15h 18.7m	+10° 26'	15187+1026
P. 28												
epsilon		Sagitta	H VI 26	AB	5.66	8.29	87.6"	81°	G9III	19h 37.3m	+16° 28'	19373+1628
13		Sagitta	H IV 100	AC	5.60	9.50	113.9"	297° (note)	K0	20h 00.2m	+17° 30'	20002+1730
theta		Sagitta	Σ 2637	AB	6.51	8.82	11.8"	330°	F3V	20h 09.9m	+20° 55'	20099+2055
				AC	6.49	7.30	89.2"	222°	K2III			
zeta		Sagitta	Σ 2585	AB-C	5.04	9.01	8.3"	310°	A1V	19h 49.0m	+19° 09'	19490+1909
gamma		Delphinus	Σ 2727		4.27	5.15	9.5"	267°	K1IV F7V	20h 46.7m	+16° 07'	20467+1607
alpha		Delphinus	HJ 1554	Aa-C	3.90	11.90	43.8"	280°		20h 39.6m	+15° 55'	20396+1555
P. 30												
54		Sagittarius	HJ 599	AC	5.42	7.56	45.6"	42°	K2III+F8V	19h 40.7m	-16° 18'	19407-1618
mu		Sagittarius	HJ 2822	AD	3.85	9.69	47.4"	312°	B3	18h 13.8m	-21° 04'	18138-2104
				AE	3.85	9.25	50.6"	115°				
Σ2325		Sagittarius			5.77	9.47	12.4"	257°	B2V	18h 31.4m	-10° 48'	18314-1048
Σ2306		Sagittarius		AB	7.20	7.90	10.1"	222°	G9IV-V	18h 22.2m	-15° 05'	18222-1505
P. 32												
beta		Scorpio	H III 7	AC	2.56	4.90	13.6"	20°	B2V	16h 05.4m	-19° 48'	16054-1948

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nu		Scorpio	H V 6	Aa-C	4.40	6.26	41.4"	336°		16h 12.0m	-19° 28'	16120-1928
sigma		Scorpio	H IV 121	Aa-B	2.89	8.42	20"	273°	BiV	16h 21.2m	-25° 36'	16212-2536
xi		Scorpio	Σ 1998	AC	4.90	7.30	7.4"	47°	G1V	16h 04.4m	-11° 22'	16044-1122
P.236 (note)		Ophiuchus	SHJ 240		6.27	7.38	4.7"	233°	B6V+B7V	16h 57.1m	-19° 32'	16571-1932
rho		Ophiuchus	H II 19	AB	4.57	5.22	2.9"	340°	B2IV B2V	16h 25.6m	-23° 27'	16256-2327
P. 34												
zeta		Ursa Major	Σ 1744	AB	2.23	3.85	14.4"	153°	A1VpSrSi	13h 23.9m	+54° 56'	13239+5456
23		Ursa Major	Σ 1351	AB	3.65	9.19	22.8"	269°	F0IV	09h 31.5m	+63° 04'	09315+6304
sigma ²		Ursa Major	Σ 1306	AB	3.90	8.73	3.9"	355°	F7V	09h 10.4m	+67° 08'	09104+6708
57		Ursa Major	Σ 1543	AB	5.30	8.93	5.5"	357°	A2V	11h 29.1m	+39° 20'	11291+3920
Σ1415		Ursa Major		AB	6.66	7.36	16.7"	168°	A7m	10h 17.8m	+71° 04'	10178+7104
Σ1561		Ursa Major		AB	6.29	8.22	9.5"	250°	G0V	11h 38.7m	+45° 07'	11387+4507
Σ1495		Ursa Major			7.12	8.95	34.1"	37°	K2II-III	10h 59.8m	+58° 54'	10598+5854
Σ1520		Ursa Major			6.51	7.90	12.5"	344°	F6V F9V	11h 16.1m	+52° 46'	11161+5246
65		Ursa Major	Σ 1579	Ab-C	6.54	8.55	3.8"	41°	A3V	11h 55.1m	+46° 29'	11551+4629
P. 36												
alpha		Ursa Minor	Σ 93	AB	2.10	9.10	18.3"	216°	F7:Ib-liv	02h 31.8m	+89° 16'	02318+8916
pi ¹		Ursa Minor	Σ 1972	AB	6.57	7.30	31.8"	79°	G0IV+G8IV	15h 29.2m	+80° 27'	15292+8027
40,41		Draco	Σ 2308	AB	5.74	6.11	19.3"	233°	F7V F7V	18h 00.2m	+80° 00'	18002+8000
OΣ 262		Ursa Minor			8.58	9.43	28"	181°	A3	13h 10.2m	+73° 58'	13102+7358
Autumn												
P. 40												
gamma		Andromeda	Σ 205	A-BC	2.09	4.79	9.8"	64°	K3IIB	02h 03.9m	+42° 20'	02039+4220
Σ79		Andromeda			5.69	6.56	7.5"	195°	B9.5V A2V	01h 00.1m	+44° 43'	01001+4443
pi		Andromeda	H V 17	AB	4.32	7.08	36"	173°	B5V	00h 36.9m	+33° 43'	00369+3343
56		Andromeda	Σ 4 App 1	AB	5.69	5.89	199.5"	298°	K0III gM0	01h 56.2m	+37° 15'	01562+3715
59		Andromeda	Σ 222		6.09	6.82	16.8"	35°	B9V A1Vn	02h 10.9m	+39° 02'	02109+3902
Σ3		Andromeda			7.51	8.86	5"	82°	A4V	00h 10.0m	+46° 23'	00100+4623
mu		Andromeda	HJ 1057	AC	3.87	11.40	34.2"	127°	A5V	00h 56.8m	+38° 30'	00568+3830
P. 42												
6		Triangulum	Σ 227		4.94	6.44	3.8"	69°	G0III	02h 12.4m	+30° 18'	02124+3018
P. 42												
zeta		Aquarius	Σ 2909		3.65	3.85	1.9"	187° (note)	F3IV-V	22h 28.8m	-00° 01'	22288-0001
12		Aquarius	Σ 2745	Aa-B	5.53	7.20	2.4"	194°	G4III	21h 04.1m	-05° 49'	21041-0549
41		Aquarius	H N 56	AB	5.33	6.76	5.1"	111°	K0III+F2V	22h 14.3m	-21° 04'	22143-2104
tau		Aquarius	Σ 2943		5.66	9.00	21.9"	126°	A0V	22h 47.7m	-14° 03'	22477-1403
psi		Aquarius	Σ 12 App2	A-BC	4.22	9.18	49.6"	313°	K1III	23h 15.9m	-09° 05'	23159-0905
69		Aquarius	Σ 2943		5.66	9.00	21.9"	126°	A0V	22h 47.7m	-14° 03'	22477-1403
94		Aquarius	Σ 2998	Aa-B	5.19	5.20	12.4"	351°	G5IV	23h 19.1m	-13° 28'	23191-1328

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
Σ2809		Aquarius			6.23	9.50	31.2"	163°	A2V	21h 37.6m	-00° 23'	21376-0023
Σ2838		Aquarius			6.24	9.43	15.8"	182°	F5IV	21h 54.6m	-03° 18'	21546-0318
53		Aquarius	SHJ 345	AB	5.55	5.70	1.7"	6°	G0V G0V	22h 26.6m	-16° 45'	22266-1645
P. 44												
57		Aquila	Σ 2594		5.70	6.49	35.6"	170°	B7Vn B8V	19h 54.6m	-08° 14'	19546-0814
15		Aquila	SHJ 286		5.40	7.00	39"	210°	K0IV	19h 05.0m	-04° 02'	19050-0402
5		Aquila	Σ 2379	Aa-B	5.89	7.51	12.7"	121°	A2V	18h 46.5m	-00° 58'	18465-0058
28		Aquila	S 717	AB	5.53	9.02	59.9"	175°	F0III	19h 19.7m	+12° 22'	19197+1222
11		Aquila	Σ 2424	AB	5.26	9.57	19.9"	299°	F6IV	18h 59.1m	+13° 38'	18591+1338
Σ2644		Aquila			6.25	6.36	2.7"	207°	B9p	20h 12.6m	+00° 52'	20126+0052
Σ2654		Aquila			6.93	7.98	14.4"	233°	F2V F4V	20h 15.2m	-03° 30'	20152-0330
Σ2446		Aquila		AB	6.75	8.72	9.4"	153°	F5	19h 05.8m	+06° 33'	19058+0633
Σ2628		Aquila			6.43	8.88	3.3"	340°	F3V	20h 07.8m	+09° 24'	20078+0924
P. 46												
gamma		Aries	Σ 180	AB	3.88	3.93	7.8"	1°	A1pSi B9V	01h 53.5m	+19° 18'	01535+1918
lambda		Aries	H V 12	AB	4.80	6.65	37.7"	47°	F0IV F7V	01h 57.9m	+23° 36'	01579+2336
14		Aries	H VI 69	AB	4.99	8.01	93.2"	34°	F2III	02h 09.4m	+25° 56'	02094+2556
				AC	4.99	7.50	105.6"	279°				
30		Aries	Σ 5 App 1		6.48	7.10	38"	275°	F5V F7V	02h 37.0m	+24° 39'	02370+2439
33		Aries	Σ 289		5.30	9.56	28.4"	2°	A3V	02h 40.7m	+27° 04'	02407+2704
pi		Aries	Σ 311	AB	5.30	8.42	3.3"	119°	B6V	02h 49.3m	+17° 28'	02493+1728
				AC	5.30	10.72	25.1"	110°				
1		Aries	Σ 174		5.83	6.63	2.8"	165°	G3III	01h 50.1m	+22° 17'	01501+2217
P. 48												
Σ616		Auriga	ω Aur		4.92	8.10	4.7"	2°	A1V	04h 59.3m	+37° 53'	04593+3753
26		Auriga	Σ 753	AB-C	5.40	8.57	12.2"	268°	A2	05h 38.6m	+30° 30'	05386+3030
			Bur 90	AB-D	5.40	11.50	32.7"	115°				
14		Auriga	Σ 653	AC	5.02	7.94	14.1"	225°	F3V	05h 15.4m	+32° 41'	05154+3241
				AB	5.02	11.10	11.1"	352°	A9IV			
lambda		Auriga	Σ 3 App 2	AD	4.71	8.60	146.6"	3°		05h 19.1m	+40° 06'	05191+4006
41		Auriga	Σ 845		5.78	6.68	7.6"	357°	A1V A6V	06h 11.6m	+48° 43'	06116+4843
Σ872		Auriga		AB	6.86	7.46	11.4"	216°	F4IV	06h 15.6m	+36° 09'	06156+3609
Σ645		Taurus (note)		A-BC	5.93	8.62	12.4"	24°	A5m	05h 09.8m	+28° 02'	05098+2802
Σ681		Auriga			6.54	9.57	23.3"	182°	A2V+GIII	05h 20.7m	+46° 58'	05207+4658
Σ698		Auriga		AB	6.55	8.38	31.3"	347°	K1pIII-IV+F6V	05h 25.2m	+34° 51'	05252+3451
Σ764		Auriga			6.40	7.17	25.9"	14°	B8IV	05h 41.3m	+29° 29'	05413+2929
56		Auriga	SHJ 75		5.25	8.63	31.6"	37°	G0V	06h 46.7m	+43° 35'	6467+4335
Σ533		Persius		AB	7.30	8.64	19.6"	62°	B8V	04h 24.4m	+34° 19'	04244+3419
Σ552		Persius			6.25	6.71	9"	112°	B8V	04h 31.4m	+40° 01'	04314+4001
P. 50												
alpha		Capricornus	HJ 607	AC	4.24	9.60	45.4"	221°		20h 17.6m	-12° 30'	20176-1230

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
alpha ²		Capricornus	HJ 608	A-BC	3.80	11.20	6.6"	172°	G9III	20h 18.1m	-12° 33'	20181-1233
beta		Capricornus	Σ 52 App 1	Aa-B	3.05	6.09	205.3"	267°	F8V+A0	20h 21.0m	-14° 47'	20210-1447
omicron		Capricornus	SHJ 324		5.94	6.74	21.9"	238°	A3Vn A7V	20h 29.9m	-18° 35'	20299-1835
sigma		Capricornus	H V 87		5.43	9.43	56.1"	179°	K3III	20h 19.4m	-19° 07'	20194-1907
pi		Capricornus	Bur 60	Aa-B	5.08	8.29	3.4"	147°	B8II-III	20h 27.3m	-18° 13'	20273-1813
rho		Capricornus	SHJ 323	AB	4.77	6.82	1.2"	192°	F3V	20h 28.9m	-17° 49'	20289-1749
P. 52												
eta		Cassiopeia	Σ 60	AB	3.46	7.24	12.6"	315° (note)	G0V dM0	00h 49.1m	+57° 49'	00491+5749
sigma		Cassiopeia	Σ 3049	AB	4.88	7.22	3.2"	327°	B1V	23h 59.0m	+55° 45'	23590+5545
psi		Cassiopeia	H V 83	AC	4.68	9.18	20.5"	126°	K0III	01h 25.9m	+68° 08'	01259+6808
iota		Cassiopeia	Σ 262	Aa-C	4.60	8.40	7.1"	116°	A5pSr	02h 29.1m	+67° 24'	02291+6724
alpha		Cassiopeia	H V 18	AD	2.35	8.98	69.1"	282°	K0III	00h 40.5m	+56 32'	00405+5632
Σ163		Cassiopeia		AB	6.54	9.17	34.6"	37°	K4+Ib-IIa	01h 51.3m	+64° 51'	01513+6451
Σ3053		Cassiopeia		AB	5.87	7.20	15.1"	72°	G9III A1V	00h 02.6m	+66° 06'	00026+6606
Σ191		Cassiopeia			6.12	9.33	5.1"	199°	A5III	02h 03.2m	+73° 51'	02032+7351
OΣ 26		Cassiopeia		AB	6.94	7.18	63.3"	200°	A2V	02h 19.7m	+60° 02'	02197+6002
P. 54												
beta		Cepheus	Σ 2806	Aa-B	3.20	7.80	13.3"	250°	B2III	21h 28.7m	+70° 34'	21287+7034
delta		Cepheus	Σ 58 App 1	AC	4.07	6.13	40.7"	191°	B7V	22h 29.2m	+58° 25'	22292+5825
xi		Cepheus	Σ 2863	Aa-B	4.26	6.34	7.8"	276°	A3	22h 03.8m	+64° 38'	22038+6438
kappa		Cepheus	Σ 2675	AB	4.38	8.32	7.4"	120°	B9III	20h 08.9m	+77° 43'	20089+7743
Σ2816		Cepheus		AC	5.74	8.10	11.8"	120°	O6	21h 39.0m	+57° 29'	21390+5729
				AD	5.74	8.02	20"	339°				
Σ2893		Cepheus			6.11	8.48	28.8"	347°		22h 12.9m	+73° 18'	22129+7318
Σ2840		Cepheus		AB	5.70	6.56	18.1"	196°	B6IV-V	21h 52.0m	+55° 48'	21520+5548
Σ2873		Cepheus		AB	6.92	7.45	13.6"	69°	F6IV-V	21h 58.2m	+82° 52'	21582+8252
Σ2883		Cepheus			5.52	8.62	14.6"	252°	F2V	22h 10.6m	+70° 08'	22106+7008
P. 56												
26		Cetus	Σ 84	AB	6.11	9.52	16"	254°	F1V	01h 03.8m	+01° 22'	01038+0122
eta		Cetus	Bpm 16		3.45	10.30	233.5"	305°	K1.5III	01h 08.6m	-10° 11'	01086-1011
zeta		Cetus	Bpm 26	Aa-B	3.73	10.10	185.7"	41°	K0III	01h 51.5m	-10° 20'	01515-1020
gamma		Cetus	Σ 299		3.47	6.54	2.6"	296°	A1V	02h 43.3m	+03° 14'	02433+0314
37		Cetus	Σ 3 App 1		5.19	7.85	48.4"	331°	F6V G9V	01h 14.4m	-07° 55'	01144-0755
66		Cetus	Σ 231	AB	5.65	7.56	16.6"	234°	F8V G1V	02h 12.8m	-02° 24'	02128-0224
Σ39		Cetus		AB-C	7.50	9.27	20.1"	44°	G1IV	00h 34.5m	-04° 33'	00345-0433
16		Cetus	HJ 323		6.01	8.46	63.3"	287°	K0III	00h 40.7m	-04° 21'	00407-0421
Σ150		Cetus			7.73	8.19	36"	196°	A	01h 43.4m	-07° 05'	01434-0705
Σ274		Cetus			7.46	7.67	13.5"	220°	Am	02h 31.5m	+01° 06'	02315+0106
84		Cetus	Σ 295		5.72	9.51	3.6"	308°	F6V	02h 41.2m	-00° 42'	02412-0042
Σ6 App 1		Cetus			7.66	7.84	81"	163°	G0	03h 09.2m	+07° 23'	03092+0723
107		Aquarius	H 24		5.28	6.28	6.8"	135°	A9IV F2V	23h 46.0m	-18° 41'	23460-1841

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
alpha (note)		Cetus			2.55	10.65	8.24'	261°		03h 02.2m	+04° 05'	
P. 58												
beta		Cygnus	Σ 43 App 1	Aa-B	3.05	5.12	34.3"	52°	K3III+B8V	19h 30.7m	+27° 58'	19307+2758
52		Cygnus	Σ 2726		4.20	8.70	6.4"	69°	G9III	20h 45.6m	+30° 43'	20456+3043
17		Cygnus	Σ 2580	AB	4.98	8.54	26.2"	69°	F5V	19h 46.4m	+33° 44'	19464+3344
omicron ²		Cygnus	S 743		3.98	9.70	208.9"	175°	K3Ib+B3V	20h 15.5m	+47° 43'	20155+4743
omicron ¹		Cygnus	50 App 1 - re	Aa-D	3.80	4.80	336.5"	323°		20h 13.6m	+46° 44'	20136+4644
psi		Cygnus	Σ 2605	AB	4.91	7.47	2.9"	176°	A4Vn	19h 55.6m	+52° 26'	19556+5226
61		Cygnus	Σ 2758	AB	5.20	6.05	30.4"	148°	K5V K7V	21h 06.9m	+38° 45'	21069+3845
59		Cygnus	STF 2743	Aa-B	4.59	9.43	20.1"	352°	B1V	20h 59.8m	+47° 31'	20598+4731
mu		Cygnus	Σ 2822	AB	4.48	5.93	1.9"	307°	F6V G2V	21h 44.1m	+28° 45'	21441+2845
				AD	4.49	6.89	198.3	46°	A5			
				AC	4.70	11.50	68.2"	289°	F6V			
16		Cygnus	Σ 46 App 1		5.99	6.25	39.5"	133°	G1.5V	19h 41.8m	+50° 32'	19418+5032
26		Cygnus	H V 47	AB	5.05	10.30	41.6"	150°	K1II-III	20h 01.4m	+50° 06'	20014+5006
48		Cygnus	Σ 53 App 1	AB	6.32	6.51	181.1"	176°	B8III n	20h 37.5m	+31° 34'	20375+3134
Σ2486		Cygnus		AB	5.86	6.00	7.5"	209°	G3V G3V	19h 12.1m	+49° 51'	19121+4951
Σ2578		Cygnus		AB	6.38	7.16	15.2"	125°	B9.5V	19h 45.7m	+36° 05'	19457+3605
chi ¹ (note)	17	Cygnus	Σ 2580	AB	4.98	8.54	26.2"	69°	F5V	19h 46.4m	+33° 44'	19464+3344
3 (note)	OΣ 181	Vulpecula		AB	7.35	7.36	61.7"	0°	F5	19h 20.1m	+26° 39'	19201+2639
P. 60												
epsilon		Pegasus	S 798	AC	2.40	8.85	143.9"	319°		21h 44.2m	+09° 53'	21442+0953
1		Pegasus	Σ 11 App 2	AB	4.20	7.56	34.6"	312°	K0.5III, K0V	21h 22.1m	+19° 48'	21221+1948
3		Pegasus	Σ 56	AB	6.19	7.66	39.8"	350°	A2V	21h 37.7m	+06° 37'	21377+0637
Σ2841		Pegasus		A-BC	6.36	8.75	22.6"	110°	K0III+F7V	21h 54.3m	+19° 43'	21543+1943
Σ2848		Pegasus			7.20	7.76	11.1"	57°	Am F2V	21h 58.0m	+05° 56'	21580+0556
P. 62												
epsilon		Equuleus	Σ 2737	AB-C	5.42	7.35	9.9"	66°		20h 59.1m	+04° 18'	20591+0418
lambda		Equuleus	Σ 2742		6.72	6.93	2.8"	216°	F8	21h 02.2m	+07° 11'	21022+0711
gamma		Equuleus	Σ 54 rej.	AD	4.70	6.07	339.2" (note)	152°	A9V	21h 10.3m	+10° 08'	21103+1008
beta		Equuleus	HJ 3023	AC	5.16	11.60	69.2"	307°	A3V	21h 22.9m	+06° 49'	21229+0649
P. 62												
eta		Perseus	Σ 307	AB	3.76	8.50	28.4"	301°	M3Ib-IIa	02h 50.7m	+55° 54'	02507+5554
epsilon		Perseus	Σ 471	AB	2.99	7.50	9.7"	10°	B0.5V+A2V	03h 57.9m	+40° 01'	03579+4001
zeta		Perseus	Σ 464	AB	2.85	9.16	12.2"	208°	B1Ib	03h 54.1m	+31° 53'	03541+3153
57		Perseus	SHJ 44	AB	6.09	6.80	120.3"	197°	F0V	04h 33.4m	+43° 04'	04334+4304
Σ552		Perseus			6.25	6.71	9.8"	112°	B8V	04h 31.4m	+40° 01'	04314+4001
Σ331		Perseus			5.24	6.64	12"	86°	B7V B9V	03h 00.9m	+52° 21'	03009+5221
Σ533		Perseus		AB	7.30	8.64	19.6"	62°	B8V	04h 24.4m	+34° 19'	04244+3419
Σ369		Perseus			6.44	7.48	3.5"	30°	B9VpSi	03h 17.1m	+40° 29'	03171+4029
o (40)		Perseus	Σ 431		4.97	10.04	20.1"	238°	B1.5IV,A1Vn	03h 42.4m	+33° 58'	03424+3358

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
P. 64												
alpha		Pisces	Σ 202	AB	3.82	4.92	1.8"	273°	A0p A3m	02h 02.0m	+02° 46'	02020+0246
zeta		Pisces	Σ 100	AB	5.21	6.44	23.3"	63°	A7IV F7V	01h 13.7m	+07° 35'	01137+0735
psi		Pisces	Σ 88	AB	5.33	5.55	29.8"	159°	B9.5V A0V	01h 05.7m	+21° 28'	01057+2128
55		Pisces	Σ 46		5.36	8.41	6.6"	194°	K0III+F3V	00h 39.9m	+21° 26'	00399+2126
65		Pisces	Σ 61		6.30	6.30	4.5"	294° (note)	F5III	00h 49.9m	+27° 43'	00499+2743
77		Pisces	Σ 90	AB	6.35	7.26	33"	83°	F3V F5V	01h 05.8m	+04° 55'	01058+0455
35		Pisces	Σ 12		6.02	7.58	11.5"	148°	A9V F3V	00h 15.0m	+08° 49'	00150+0849
51		Pisces	Σ 36	Aa-B	5.68	9.53	27.6"	83°	B9.5V	00h 32.4m	+06° 57'	00324+0657
38		Pisces	Σ 22	AB-C	6.70	7.79	4.0	234°	F7V	00h 17.4m	+08° 53'	00174+0853
42		Pisces	Σ 27		6.40	10.30	29"	319°	K3III G5	00h 22.4m	+13° 29'	00224+1329
P. 66												
Σ430		Taurus		AB	6.61	9.73	26.3"	57°	K2III	03h 40.5m	+05° 08'	03405+0508
	AC			6.70	10.50	34.5"	301°					
30		Taurus	Σ 452		5.10	9.41	9"	59°	B3V+B3V	03h 48.3m	+11° 09'	03483+1109
phi		Taurus	SHJ 40		5.08	7.51	48.5"	256°	K2III	04h 20.4m	+27° 21'	04204+2721
Σ674		Taurus			6.69	9.75	10"	149°	F7V+F5IV	05h 17.5m	+20° 08'	05175+2008
Σ716		Taurus	118 Tau	AB	5.47	6.39	4.7"	208°	B8.5V	05h 29.3m	+25° 09'	05293+2509
tau (note)		Taurus	S 455	Aa-B	4.28	7.14	62.7"	34°	B3V	04h 42.2m	+22° 57'	04422+2257
Σ548		Taurus		AB	6.38	8.21	14.8"	36°	F7V	04h 28.9m	+30° 22'	04289+3022
Σ495		Taurus			6.02	8.97	3.8"	222°	F3V	04h 07.7m	+15° 10'	04077+1510
chi		Taurus	Σ 528		5.40	8.43	19.4"	24°	B9Vnn F8V	04h 22.6m	+25° 38'	04226+2538
111		Taurus	S 478		4.99	9.00	85.4"	271°	F8V	05h 24.4m	+17° 23'	05244+1723
Σ730		Taurus			5.50	5.87	9.9"	141°	B7IIIe	05h 32.2m	+17° 03'	05322+1703
62		Taurus	Σ 534	AB	6.34	8.18	29.1"	291°	B3V A1V	04h 24.0m	+24° 18'	04240+2418
88		Taurus	SHJ 45	Aa-B	4.25	7.82	69"	300°	A5	04h 35.7m	+10° 10'	04357+1010
omicron ² (note)	SHJ 49	Orion		AB	6.09	7.58	38.9"	305°		04h 59.0m	+14° 33'	04590+1433
				AC	6.09	9.80	53.6"	89°				

Winter

P. 70												
mu		Canis Major	Σ 997	AB	5.00	7.05	2.8"	343°	G5III+A2	06h 56.1m	-14° 03'	06561-1403
nu ¹		Canis Major	SHJ 73		5.71	8.14	17.4"	264°	G8III+F3IV-V	06h 36.4m	-18° 40'	06364-1840
H3945		Canis Major			4.83	6.02	26.8"	52°	K3Ib dF0	07h 16.6m	-23° 19'	07166-2319
epsilon		Canis Major	CPO 7		1.50	7.50	7.5"	161°	B2II	06h 58.6m	-28° 58'	06586-2858
P. 72												
32		Eridanus	Σ 470	AB	4.46	5.65	6.9"	348°	G8III A2V	03h 54.3m	-02° 57'	03543-0257
62		Eridanus	SHJ 48	AB	5.51	9.20	66.6"	76°	B6V	04h 56.4m	-05° 10'	04564-0510
Σ422		Taurus (note)			5.82	8.69	6.7"	271°	G8V	03h 36.8m	+00° 35'	03368+0035
39		Eridanus	Σ 516	AB	4.87	8.47	6.4"	144°	K2III	04h 14.4m	-10° 15'	04144-1015

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
55		Eridanus	Σ 590		5.98	6.07	9.3"	318°	G5III, F4IIIpSr	04h 43.6m	-08° 48'	04436-0848
Σ570		Eridanus			6.74	7.61	12.8"	260°	A1m	04h 35.2m	-09° 44'	04352-0944
Σ436		Eridanus			7.63	9.22	45.2"	239°	F5IV	03h 40.9m	-12° 37'	03409-1237
gamma		Eridanus	HJ 3608		3.20	12.70	52.8"	243°	M0.5III	03h 58.0m	-13° 31'	03580-1331
omicron ²		Eridanus	Σ 518	A-BC	4.43	9.70	82.5"	104°	G9V	04h 15.3m	-07° 39'	04153-0739
P. 74												
alpha		Gemini	Σ 1110	AB	1.58	2.62	4.5"	66° (note)	A1V A2Vm	07h 34.6m	+31° 53'	07346+3153
zeta		Gemini	SHJ 77	AC	4.05	7.66	100.3"	348°		07h 04.1m	+20° 34'	07041+2034
15		Gemini	SHJ 70	AB	6.54	8.59	25.9"	203°	K2III	06h 27.8m	+20° 47'	06278+2047
38		Gemini	Σ 982	AB	4.73	7.74	7.2"	146°	F0Vp	06h 54.6m	+13° 11'	06546+1311
delta		Gemini	Σ 1066		3.55	8.18	5.9"	224°	A9III K3V	07h 20.1m	+21° 59'	07201+2159
epsilon		Gemini	S 533		2.98	9.22	111.2"	95°	G8I	06h 43.9m	+25° 08'	06439+2508
nu		Gemini	OΣ 77	Aa-BC	4.10	8.01	111.6"	330°	B6IIIe	06h 29.0m	+20° 13'	06290+2013
20		Gemini	Σ 924	AB	6.26	6.91	19.9"	211°	F8III, F6IV-V	06h 32.3m	+17° 47'	06323+1747
lambda		Gemini	Σ 1061		3.58	10.70	9.8"	33°	A3V	07h 18.1m	+16° 32'	07181+1632
kappa		Gemini	OΣ 179		3.70	8.20	6.9"	241°	G8IIIa	07h 44.4m	+24° 24'	07444+2424
P. 76												
alpha		Lepus	HJ 3766	AB	2.58	11.20	36.2"	157°	F0Ib	05h 32.7m	-17° 49'	05327-1749
gamma		Lepus	H VI 40	AB	3.64	6.28	97"	350°	F6V K2V	05h 44.5m	-22° 27'	05445-2227
kappa		Lepus	Σ 661		4.36	6.93	2.1"	357°	B9V	05h 13.2m	-12° 56'	05132-1256
H3752		Lepus		AB	5.06	6.26	3.4"	93°	G7II-III+A7IV-V	05h 21.8m	-24° 46'	05218-2446
				AC	5.50	9.20	63.2"	104°				
P. 78												
11		Monoceros	Σ 919	AB	4.70	5.20	7.2"	133°	B3Ve B3ne	06h 28.8m	-07° 02'	06288-0702
				AC	5.10	6.10	9.9"	126°				
4 (note)	Bur 17	Lepus		AB	6.80	10.80	3.5"	190°	A5IV	06h 08.4m	-11° 09'	06084-1109
				AC	6.80	11.80	9.9"	257°				
8		Monoceros	Σ 900	AB	4.39	6.72	12.4"	29°	A5IV F5V	06h 23.8m	+04° 36'	06238+0436
Σ921		Monoceros			6.17	9.10	16.1"	3°	B2V:nne	06h 31.2m	+11° 15'	06312+1115
Σ1183		Monoceros		AB	6.25	7.93	30.6"	327°	B9.5IV	08h 06.5m	-09° 15'	08065-0915
29		Monoceros	Σ 1190	AB	4.34	10.10	32.6"	105°	G2Ib	08h 08.6m	-02° 59'	08086-0259
				AC	4.34	8.81	67.1"	246°				
31 (note)	S 579	Hydra		AB	4.62	8.80	78.4"	310°	G1Ib	08h 43.7m	-07° 14'	08437-0714
P. 80												
delta		Orion	Σ 14 App 1	Aa-C	2.24	6.84	53.3"	0°	B4	05h 32.0m	-00° 18'	05320-0018
iota		Orion	Σ 752	AB	2.90	7.00	10.9"	142°	O9III	05h 35.4m	-05° 55'	05354-0555
lambda		Orion	Σ 738	AB	3.39	5.35	4.3"	44°	O8 B0.5V	05h 35.1m	+09° 56'	05351+0956
rho		Orion	Σ 654	AB	4.46	8.29	7"	65°	K2II	05h 13.3m	+02° 52'	05133+0252
zeta		Orion	Σ 774	AB	1.74	3.87	2.4"	165°	O9.5Ibe	05h 40.7m	-01° 57'	05407-0157
				AC	1.74	10.00	57.7"	10°				
Σ747		Orion		AB	4.78	5.67	35.8"	224°	B0.5V B1V	05h 35.0m	-06° 00'	05350-0600

Olcott's ID	Correct ID	Constellation	Secondary ID	Star Pair	Pri. Mag	Sec. Mag	Sep.	Pos. angle	Spectrum	RA (2000)	Dec (2000)	WDS ID
Σ816		Orion			6.80	9.18	4.4"	288°	B9	05h 54.9m	+05° 52'	05549+0552
Σ627		Orion			6.65	7.03	21.3"	260°	B9Vn B9Vn	05h 00.6m	+03° 37'	05006+0337
23 (note)		Orion	Σ 696		4.99	7.17	32.5"	29°	B1V	05h 22.8m	+03° 33'	05228+0333
Σ855		Orion		AB	5.70	6.93	29.2"	114°	A3Vn A0V	06h 09.0m	+02° 30'	06090+0230
omicron ² (note)	SHJ 49	Orion		AB	6.14	7.58	39"	305°	B7V	04h 59.0m	+14° 33'	04590+1433
				AC	6.09	9.80	53.6"	89°				
Σ795 (note)		Orion			5.26	5.33	1.1"	216°	A5V	05h 48.0m	+06° 27'	05480+0627
Σ750		Orion			6.56	8.52	4.3"	60°	B2.5IV	05h 35.5m	-04° 22'	05355-0422

Olcott's ID	Olcott's Comments
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Spring

P. 2

iota	Yellow, blue. Good contrast.
Σ 1223 (note)	
upsilon ¹ (note)	
zeta	Triple. Only two stars can be seen with three - inch glass.
Σ 1311	
theta	
66	Use 160 power.
phi ² (note)	
64	
93 (note)	Gold, azure.
Σ 1245	
14	Triple. In Canis Major.

p. 4

zeta	White, blue or green.
sigma	
lambda	
Σ 1964	

P. 6

delta	Yellow, purple. Fine contrast.
Σ 1669	
Σ 1530	
H376	This star is in Hydra.

P. 8

nu	A grand object.
psi	
40,41	
39	Triple. Very fine. White, blue, red.
17 (16,17)	Triple. A fine sight.
omicron	Orange, emerald. According to Flammarion, it is an optical double.
epsilon	Red, blue. Good contrast.
iota	

Olcott's ID	Olcott's Comments
gamma	
Σ1984	
Σ2604	
Σ2573	
OΣ 123	A striking object.
Σ2348	Yellow, blue.
mu	Both white. A beautiful miniature of Castor
P. 10	
alpha	Orange, green. Good contrast.
delta	Green, purple.
gamma	White, lilac.
rho	Both green. Coloring fine.
95	Apple green, cherry red.
kappa	Yellow, red.
Σ2101	
Σ2104	Pretty double
mu	
100	A beauty.
83 (note)	Distance slowly increasing.
Σ2007	
Σ2190	
23 (note)	
Σ2063	
Σ2277	
P. 12	
gamma	Finest double in the northern sky, according to Struve. Yellow, green.
tau	Lemon, light blue. A second pair in the field (83).
54	A fine sight.
93	
90	Triple
6	
7	
88	
P. 14	
epsilon ¹	A double - double. The four stars are doubtless physically connected.
epsilon ²	
zeta	Topaz, green.
beta	Multiple. The four stars for the letter "Y".

Olcott's ID	Olcott's Comments
eta	A fine field in which there is another double.
theta	Yellow, blue.
P. 16	
gamma	Both yellow. A beautiful object.
Σ1669	A fine pair.
tau	
Σ1627	
Σ1682	Yellow, red.
theta	Triple.
Summer	
P. 20	
pi	Both white.
delta	Yellow, blue.
mu	
44	A binary. Period - 261 years.
39	Good contrast of colors.
iota	Yellow, white.
kappa	White, blue. A beautiful object.
Σ1919	Yellow, white.
Σ1850	Yellow, blue.
Σ1835	
xi	Yellow, purple. Fine contrast.
epsilon	Orange, green. A superb sight. Called "Pulcherrima" by Smythe on account of its extreme beauty. A power of 160 recommended.
P. 22	
alpha	Cor Caroli. Both yellow.
2	Red, blue. Fine contrast.
Σ1615	Yellow, ashy.
15 (note)	
24	Orange, lilac. Fine contrast
12	
17	White, lilac.
35	Lilac, blue.
2	
Σ1678	
32	
P. 24	
iota	Fine contrast.

Olcott's ID	Olcott's Comments
P. 212 (note)	
Σ1962	Pretty object.
H4783 (note)	
54	
P. 26	
67	Yellow, red. Fine contrast.
36	Yellow, red.
tau	Triple.
39	Yellow, blue. Fine contrast.
Σ2166	White, bluish.
61	
53	
19	
70	Yellow, red.
rho	Fine close pair. Yellow, blue.
delta	Both white. A fine object.
theta	Both yellow. Lies in rich field
nu	Green, lilac.
beta	Blue, yellow.
5	
Σ2342	
Σ1931	
P. 28	
epsilon	
13	
theta	Triple.
zeta	Green blue.
gamma	Golden, emerald. Fine contrast.
alpha	
P. 30	
54	Yellow, blue. Fine contrast.
mu	Triple.
Σ2325	This double and the one following are in Sobieski's Shield.
Σ2306	Yellow, blue. A beautiful object.
P. 32	
beta	White, bluish. Fine contrast

Olcott's ID	Olcott's Comments
nu	
sigma	White, blue.
xi	White, gray. Beautiful field.
P.236 (note)	A pretty pair.
rho	
P. 34	
zeta	Both white. Alcor in the same field.
23	Fine contrast.
sigma ²	
57	
Σ1415	
Σ1561	Prettily grouped.
Σ1495	
Σ1520	
65	White, blue.
P. 36	
alpha	Yellowish - white and blue.
pi ¹	Both yellow.
40,41	
OΣ 262	
Autumn	
P. 40	
gamma	Yellow, blue.
Σ79	Very beautiful.
pi	Yellow, blue.
56	
59	Yellow, blue.
Σ3	
mu	
6	Yellow, blue. An exquisite pair.
P. 42	
zeta	Both green. Fine pair. Period of 750 years.
12	
41	Yellow, blue.
tau	White, garnet.
psi	Yellow, blue. Fine contrast.
69	
94	Fine contrast.

Olcott's ID	Olcott's Comments
Σ2809	
Σ2838	
53	
P. 44	
57	Yellow, green. Fine double.
15	White, lilac.
5	White, bluish.
28	
11	Optical double.
Σ2644	Primary bluish, white.
Σ2654	
Σ2446	
Σ2628	Yellow, purple.
P. 46	
gamma	White, yellow. Disagreement as to colors.
lambda	White, lilac.
14	Triple. White, blue, lilac.
30	Both white. A beautiful double.
33	Topaz, sapphire.
pi	Triple.
1	
P. 48	
Σ616	Greenish, white.
26	Triple. Yellow, blue.
14	Triple. Yellow, blue.
lambda	
41	White, violet.
Σ872	Yellow, lilac.
Σ645	White, ash.
Σ681	
Σ698	Yellow, bluish. Beautiful.
Σ764	
56	
Σ533	In Persius
Σ552	In Persius
P. 50	
alpha	A naked eye double, and telescopic double double. Both yellow.

Olcott's ID	Olcott's Comments
alpha ²	
beta	Gold, blue.
omicron	White, bluish. A pretty pair.
sigma	Orange, blue.
pi	
rho	Yellow, purple. Fine contrast
P. 52	
eta	White, purple.
sigma	Green, blue. Coloring intense.
psi	
iota	
alpha	
Σ163	Gold, blue. Remarkable colors.
Σ3053	Yellow, blue.
Σ191	
OΣ 26	Orange, green.
P. 54	
beta	White, blue.
delta	Yellow, blue.
xi	Yellow, blue.
kappa	White, blue.
Σ2816	Triple.
Σ2893	Yellow, white.
Σ2840	Greenish white, bluish white. A splendid pair.
Σ2873	
Σ2883	White, blue.
P. 56	
26	Topaz, lilac.
eta	
zeta	
gamma	Yellow, blue. A beautiful double.
37	
66	Yellow, blue.
Σ39	Yellow, bluish.
16	
Σ150	A fine double.
Σ274	
84	
Σ6 App 1	
107	

Olcott's ID	Olcott's Comments
alpha (note)	A wide double. Note a blue 5.5 mg. star in the field.
P. 58	
beta	Yellow, blue. Very fine.
52	Yellow, blue. Good contrast.
17	Red, blue.
omicron ²	Orange, blue. Good contrast. A double double.
omicron ¹	
psi	White, lilac.
61	6 light years distant. Nearest to earth in the northern hemisphere.
59	
mu	A quadruple star.
16	
26	Yellow, blue.
48	
Σ2486	
Σ2578	
chi ¹ (note)	In fine field.
3 (note)	
P. 60	
epsilon	Yellow, violet. Coloring fine.
1	
3	
Σ2841	
Σ2848	
epsilon	White, blue.
lambda	A fine pair.
gamma	Yellow white.
beta	
P. 62	
eta	White, blue. Several faint stars near it.
epsilon	
zeta	A quintuple star.
57	Yellowish, lilac.
Σ552	Both white.
Σ331	
Σ533	
Σ369	Yellow, blue.
o (40)	

Olcott's ID	Olcott's Comments
P. 64	
alpha	Green blue. A fine double. The movement of the companion is very slow.
zeta	A beautiful sight.
psi	No change noted in 130 years.
55	Yellow, blue. Two beautiful stars.
65	
77	White blue. No change noted.
35	White, purple.
51	Pretty pair.
38	Yellow, white.
42	Topaz, emerald.
P. 66	
Σ430	Triple.
30	Emerald, purple.
phi	Red, blue.
Σ674	
Σ716	A beautiful pair.
tau (note)	White, blue.
Σ548	
Σ495	
chi	
111	
Σ730	
62	Fine field.
88	
omicron ² (note)	In Orion. Beautiful

Winter	
P. 70	
mu	White blue.
nu ¹	
H3945	A fine pair.
epsilon	
P. 72	
32	Topaz, bluish. Fine contrast. Discovered by Herschel, 1781.
62	
Σ422	Gold, blue.
39	

Olcott's ID	Olcott's Comments
55	Yellow, white.
$\Sigma 570$	
$\Sigma 436$	
gamma	
omicron ²	Discovered by Herschel, 1783
P. 74	
alpha	Both yellow. A beautiful object.
zeta	Yellow, blue.
15	White, blue.
38	Yellow, blue. Fine contrast.
delta	Yellow, purple.
epsilon	
nu	
20	
lambda	Greenish, blue.
kappa	Very beautiful.
P. 76	
alpha	
gamma	Yellow, garnet.
kappa	Yellow, blue.
H3752	Triple.
P. 78	
11	Triple. One of the finest sights in the heavens.
4 (note)	Triple.
8	Golden, blue.
$\Sigma 921$	
$\Sigma 1183$	
29	Triple.
31 (note)	Yellow, blue.
P. 80	
delta	White, blue.
iota	Fine field
lambda	Yellow, red. Whole region fine.
rho	Yellow, blue.
zeta	Triple. Yellow, blue.
$\Sigma 747$	

Olcott's ID	Olcott's Comments
Σ816	
Σ627	A splendid pair.
23 (note)	Green, white. Fine coloring
Σ855	A third star in the field.
omicron ² (note)	Triple. A beautiful object.
Σ795 (note)	Excellent test.
Σ750	

Olcott's ID	My Notes
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Spring

p. 2

iota	
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Σ 1223 (note)	Olcott duplicates star ϕ^2 Cancri. According to WDS Σ 1223 and ϕ^2 are the same. Σ 1223 is omitted from his Field Book list.
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upsilon ¹ (note)	Measurements indicates 24 Cancer (Σ1224), only 1.1° away. WDS gives first position angle as 37° which matches figure given by Olcott
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zeta	
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Σ1311	
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theta	
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66	
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ϕ^2 (note)	Olcott duplicates star Σ 1223 in Cancer. According to WDS Σ 1223 and ϕ^2 are the same
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64	
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93 (note)	Pair is labeled OΣΣ 93 on chart #7 of Norton's Star Atlas (6 th ed. -1937). Webb refers to the pair S 565 as OΣ 93. Olcott used Webb's book.
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Σ 1245	
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14	
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p. 4

zeta	
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sigma	
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lambda	
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Σ1964	
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p. 6

delta	
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Σ1669	
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Σ1530	
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H376	In Norton's Star Atlas (6 th edition -1937) it is labeled - H h. 376. In WDS it is labeled Herschel 96
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p. 8

nu	
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psi	
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40,41	
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39	
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17 (16,17)	
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omicron	
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epsilon	
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iota	
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Olcott's ID	My Notes
gamma	
Σ1984	
Σ2604	
Σ2573	
OΣ 123	
Σ2348	
mu	WDS reveals large change in position angle since discovery
P. 10	
alpha	
delta	
gamma	
rho	
95	
kappa	
Σ2101	
Σ2104	
mu	
100	
83 (note)	From data given by Olcott, Σ 2194 is a better fit for this entry. Located just 19' from 83Her. 83 is omitted from his Field Book list.
Σ2007	Σ2007 is in Serpens and not Hercules
Σ2190	
23 (note)	In Norton's Star Atlas (6 th edition -1937) it is labeled - 23 Her. However it shows it in Corona Boealis. WDS shows it to be - H V 38
Σ2063	
Σ2277	
P. 12	
gamma	
tau	
54	
93	
90	
6	
7	
88	
P. 14	
epsilon ¹	WDS shows large change in position angle
epsilon ²	
zeta	
beta	

Olcott's ID	My Notes
eta	
theta	
P. 16	
gamma	WDS shows large change in position angle and separation. Current separation >1", beyond resolution limit of 3 inch telescope
Σ1669	Σ1669 in Corvus and not Virgo. No explanation for difference in position angle.
tau	
Σ1627	
Σ1682	
theta	
Summer	
P. 20	
pi	
delta	
mu	
44	WDS shows large change in position angle.
39	
iota	
kappa	
Σ1919	Σ1919 is in Serpens and not Bootes
Σ1850	
Σ1835	
xi	WDS indicates motion has exceeded 360° since first position angle and separation were reported, therefore both have changed significantly.
epsilon	
P. 22	
alpha	
2	
Σ1615	Σ1615 in Coma Berenices and not in Canes Venatici
15 (note)	For 15 CVn the WDS first separation is 1.3"- far from 290" Olcott gives. WDS measurements for 17 CVn, just 4.6' away, is a better match.
24	
12	
17	
35	
2	WDS shows large change in position angle.
Σ1678	
32	
P. 24	
iota	

Olcott's ID	My Notes
P. 212 (note) Σ1962	This star is marked 212 in Norton's Star Atlas (6th edition - 1939). Using map #12 of that atlas and the WDS, I identified it as Herschel 8
H4783 (note) 54	This star is marked H4783 in Norton's Star Atlas (6th edition - 1939). Using map #12 of that atlas and the WDS, I identified it as South 672
P. 26	
67	
36	
tau	
39	
Σ2166	
61	
53	
19	
70	
rho	
delta	
theta	
nu	
beta	
5	
Σ2342	WDS shows large change in position angle.
Σ1931	
P. 28	
epsilon	
13	WDS shows large change in position angle.
theta	
zeta	
gamma	
alpha	
P. 30	
54	
mu	
Σ2325	
Σ2306	
P. 32	
beta	

Olcott's ID	My Notes
nu	
sigma	
xi	
P.236 (note)	Star is marked 236 and is in Ophiuchus in Norton's Star Atlas (6th ed. - 1939). Using map #12 of that atlas & WDS, I identified it as SHJ 240
rho	
P. 34	
zeta	
23	
sigma ²	
57	
Σ1415	
Σ1561	
Σ1495	
Σ1520	
65	
P. 36	
alpha	
pi ¹	
40,41	
OΣ 262	
Autumn	
P. 40	
gamma	
Σ79	
pi	
56	
59	
Σ3	
mu	
6	
P. 42	
zeta	WDS shows large change in position angle.
12	
41	
tau	
psi	
69	
94	

Olcott's ID	My Notes
Σ2809	
Σ2838	
53	
P. 44	
57	
15	
5	
28	
11	
Σ2644	
Σ2654	
Σ2446	
Σ2628	
P. 46	
gamma	
lambda	
14	
30	
33	
pi	
1	
P. 48	
Σ616	
26	
14	
lambda	
41	
Σ872	
Σ645	Σ645 in Taurus and not Auriga
Σ681	
Σ698	
Σ764	
56	
Σ533	
Σ552	
P. 50	
alpha ¹	

Olcott's ID	My Notes
alpha ²	
beta	
omicron	
sigma	
pi	
rho	
P. 52	
eta	WDS shows large change in position angle.
sigma	
psi	
iota	
alpha	
Σ163	
Σ3053	
Σ191	
OΣ 26	
P. 54	
beta	
delta	
xi	
kappa	
Σ2816	
Σ2893	
Σ2840	
Σ2873	
Σ2883	
P. 56	
26	
eta	
zeta	
gamma	
37	
66	
Σ39	
16	
Σ150	
Σ274	
84	
Σ6 App 1	
107	

Olcott's ID	My Notes
alpha (note)	Wide optical double, not in WDS. Blue 5.5 mag star mentioned by Olcott is 93 Ceti. Alpha Ceti is later omitted from Field Book of the Skies.
P. 58	
beta	
52	
17	
omicron ²	
omicron ¹	
psi	
61	
59	
mu	
16	
26	
48	
Σ2486	
Σ2578	
chi ¹ (note)	WDS measurements do not match. 17 Cyg is just 1° northwest & WDS first p.a. (73°) & sep. (26") match. Ch1 is omitted from Field Book.
3 (note)	3 Vul is not a double star. OΣΣ181 is less than .5° northwest & WDS lists first separation of 54" and first p.a. of 5° matching Olcott's figures.
P. 60	
epsilon	
1	
3	
Σ2841	
Σ2848	
epsilon	
lambda	
gamma	WDS shows large change in position angle.
beta	
P. 62	
eta	
epsilon	
zeta	
57	
Σ552	
Σ331	
Σ533	
Σ369	
o (40)	

Olcott's ID	My Notes
P. 64	
alpha	
zeta	
psi	
55	
65	Position angle differs 110° from Olcott's figure - all other measurements OK
77	
35	
51	
38	
42	
P. 66	
Σ430	
30	
phi	
Σ674	
Σ716	
tau (note)	Orbit appears short. The first PA given in WDS is 213° - very close to Olcott's
Σ548	
Σ495	
chi	
111	
Σ730	
62	
88	
omicron ² (note)	Appears Olcott mistook SHJ 45 for omicron ² . SHJ 49 is 1.2° northeast of o ² and is a triple that matches the measurements given by Olcott

Winter	
P. 70	
mu	
nu ¹	
H3945	
epsilon	
P. 72	
32	
62	
Σ422	Σ422 is in Taurus and not Eridanus
39	

Olcott's ID	My Notes
55	
Σ570	
Σ436	
gamma	
omicron ²	
P. 74	
alpha	WDS first and last position angles (270° - 66°) show orbit to be short - thus large difference in position angle with Olcott's figure.
zeta	
15	
38	
delta	
epsilon	
nu	
20	
lambda	
kappa	
P. 76	
alpha	
gamma	
kappa	
H3752	
P. 78	
11	
4 (note)	This star is marked by a bracketed 4 in Norton's Star Atlas (6th edition - 1939). Using map #8 of that atlas and the WDS, I identified it as Bur 17 in Lepus. In the WDS the first position angles match those measurements given by Olcott
8	
Σ921	
Σ1183	
29	
31 (note)	For 31 Hydreia, WDS measurements do not match. Using the chart and measurements from Olcott, I determined it to be S 579 in Hydra
P. 80	
delta	
iota	
lambda	
rho	
zeta	
Σ747	

Olcott's ID	My Notes
Σ816	
Σ627	
23 (note)	Position angle differs 256° from Olcott's figure - all other measurements OK
Σ855	
omicron ² (note)	Omicron ² is a very tight double. However, there are two stars, close in magnitude, parallel to o ¹ and o ² and of equal distance apart and are just 1.2° to the northeast. I believe Olcott mistook these two stars for o ¹ and o ² and mistakenly labeled the triple star SHJ 49, o ² .
Σ795 (note)	Separation has narrowed from 1.7" in Olcott's day to 1.1" today. Split is now beyond resolution limit of 3 inch refractor
Σ750	