

KG
11365
921

Mary Howe

KG 11365921

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KG 11365, 921

Absorption Limits + Balmer Series

Image no	Last H line meas. from H δ	abs. limit from H δ	Spectrum limit from H δ	Character of H lines	intensity of image H γ -H δ	Remarks
late 4963						
double star 2	20.0	24.0	34.0	med. slp.	14.8 10	
5-7	20.0	26.4 ?	30	"	14.6 10	
B 2979						
4	18.5	27.5	26.5	out of focus	14.5 10	
✓ B 2929						
8	18.6	not vis	27.5	m.w.	14.6 9	
9	20.2	"	26	out of focus	15 9	
25	20	25	29	burned out	— 10+	
27	13.8	22.0	23	m.w.	14.8 8	
B 3930						
8	18.1	—	25	S	14.5 8	
17	18.5	27.8	32	P.f.	15.0 9	(nada n) n.p. sup. 8.3
✓ B 2345						
7	14.0	—	26	p.f. (nada)	14.5 7	
11	19.5	—	25	P.f.	— 8	
✓ B 2219						
45	18.8	—	28.5	m	9	
✓ B 2089						
19	18.5	23.5 ?	27	P.f.	8	
✓ B 37132						
1	20.0	—	26	P.f.	10	
2	20.0	—	22	P.f.?	10	
B 36120						
26	19.5 from H δ	25 $\geq$ det.	37	P.f.	10	-67223 sup. 8.5
47	41.5	a) 47.5 b) 46.7	> 57	P.f. b.o.	10+	
54		strong, but nothing to meas from				-6.0. & P.f.

Bos

δm	α	δ	δm_{mag}		H	M_H	m
-37 6764	16 48.7	-37 48.0	4.3	μ Scorpi 4281	1.3	—	3.7 ✓
-37 6761	16 48.4	-37 49.8	3.9	μ " 4277	0.6	—	3.1 ✓
+57 2748	23 23.4	+57 45.8	5.7	Double star			
+49 164	0 34.0	+49 42.8	5.1	ξ Cass 141	1.5	-0.6	5.0 ✓
+47 183	0 36.7	+47 29.4	4.8	0 " 152	1.4	-0.7	4.9 ✓
	0 29.	+53 5.0	4.0 5.0 (approx)	" 122	0.5	-1.7	3.8 ✓
	0 23.8	+53 45.0	5.0? (")	λ " m 97	3.3	0.4	4.9 ✓
-47 10611	16 6.2	-47 3.2	5.4	θ Norma 4128	4.5	—	5.3 ✓
-47 10765	16 18.0	-47 16.2	5.0	ϵ " 4180	-0.3	-2.5	4.8 ✓
-4 1362	5 59.5	-4 11	6.0	Pulk. 981 1523	-0.4	-2.6	5.5 ✓
-6 1446	6 4.8	-6 31	5.2	" 999 1554	0.7	-1.4	5.2 ✓
+51 1024	4 55	+51 23.7	5.2	β 696	1202	6.2	— 5.0 ✓
+50 379	1 43.0	+50 4.7	6.1	β 238	415	3.5	0.6 5.9 ✓
-43 9708	23 25.3	-43 18.2	5.4	ι Phoenicia 6062	2.0	—	4.8 ✓
-46 10567	23 31.1	-46 10.9	4.9	ι 9535	6068	4.1	— 4.9 ✓
-67 2224	13 6.8	-67 14	5.6	η Muscae 3429	2.5	—	5.0 ✓
-67 2064	12 38.6	-67 25	4.1	β Muscae η 3320	1.4	-0.7	3.1 ✓
-68 1702	12 29.7	-68 27	3.5	α Muscae 3289	-1.0	-1.2	2.7 ✓

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Image no	last H line meas'd from H δ	absorption limit from H δ	spectrum limit from H δ	character of H lines	intensity of image	Remarks
B 35804						
1	20.3	7	30	p.f.	10	
2	19.2	—	22	p.f.	8	
3	19.5	—	25	p.f.	9	
✓ B 18522 (class D)	5.9	7.8	10.2	v.s. & n.	10	
b5	5.9	7.8	10.2	v.s. & n.	10	
a	6.3	9.5	10-11	m.s.	9	S+q ft
b	6.5	—	10	p.f.	10	
✓ B 18485 (B)						
144	6.0	9.1 v.d.	11	v.s. & n.	10	H line ft
84	6.8	9.4	11	m.s.	10	
52	6.5	—	9	s+n	9	
✓ B 18484 (B)						
50	5.5	8.6	10	v.s. & n.	9	
136	6.8	9.0 v.d.	10+	p.f.	10	
a	6.2	9.4	10	" "	10	
b	6.9	—	10	s+n	8	
c	6.5	10.9	11.5	v.p.f.	9	
✓ B 17050 (B)						
a	6.5	8.0	10-	s+n? p.f.	8	
111	6.1	—	10-	s+n	9	
180	6.8	—	10	m	9	S+q ft.
✓ B 17037 (B)						
147	6.2	8.0 d	10	p.f.	9	
81	6.3	—	9+	v.s. & n.	9	exp. S+T all H lines v.f.
✓ B 17453 (B)						
21	6.5	8.0 d	9+	s+n m	9	S+q ft.
44	5.9	—	10	v.s. & n.	9	

Dec	Ra	δ	mag	mag	Bess	H	M _r
-19 4047	15h 3.8	-19 14.4	4.5		Librae 3866	3.6	4.7 [✓]
-19 4035	15 5.0	-19 5.9	6.5		—		
-17 1054	5 7.1	-17 16.5	7.3		—		
-17 1117	5 15.0	-17 6.7	7		Paria 6246 1305	1.9	5.9 [✓]
-15° 1089	5h 28.9	-15° 49.9	7.2		—		
-20 1105	5 24.9	-20 58.2	6.0		Bn 791 1338	-3.6	6.65.7 [✓]
-68° 474	6 9.5	-68° 49.0	5.1		✓ Doradus 1566	4.3	5.3 [✓]
-66 463	5 50.0	-66 55.9	5.0		✓ Doradus 1469	2.4+0.4	5.3 [✓]
-63° 572	6 24.2	-63 45.2	6.1		—		
-56 1072	6 20.7	-56 18.2	6.4		✓ Pictoris 1619	4.2	5.9 [✓]
-58 722	6 30.1	-58 39.8	5.4		μ Pictoris 1681	2.9	5.9 [✓]
-60 607	6 22.6	-60 12.6	5.8		—		
-53 1070	6 19.5	-53 16.3	7.2		—		
-61° 607	6 11.2	-61 26.2	6.8		—		
~~-61° 607~~							
-30 4475	16 40.4	-30 55.5	7.0		96 G Scorpis 4245	—	6.9 [✓]
-31 13161	16 35.6	-31 52.2	6.8		L6950		
-35 11067	16 32.4	-35 26.6	6.9		—		
-39 11182	17 3.6	-39 20.7	5.9		127 G Scorpis 4362	5.2	5.8 [✓]
-37° 11383	17 4.7	-37 47.9	6.9		L7159m		
-56 8405	17 32.9	-56 57.4	7.1		—		
-56 8456	17 39.9	-56 31.7	8.8		—		

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Image no	last H line meas'd from H δ	absorption limit from H δ	spectrum limit from H δ	charact of H lines	intensity of Image	Remarks	
B 17395							
40	6.2	9.1 v2	10	s+n	10	r+d pte	-2
141	6.9	—	8	s+n	9		-
✓ 937010							
79	18.2	20 2	28	pf	9	(a little more) E>D>g	+4
114	18	23.5 v2	30	pf ?	10		+4
?	17.5	—	28	" ?	8-7		

$2m$	α	δ	$2m_{mag}$	Boss H	$M_{H\alpha}$
-23	3135	5 44.7	-23 1.2 6.2	Pu 252	1451 3.5 -0.7 6.0 ✓
-19	1293	5 47.7	-19 40.2 6.3		
+46	872	4 11	+46 9.1 5.1		
+47	939	3 58	+47 20.1 4.5	Bn 557	947 2.2 +0.2 4.2 ✓

	~~He II~~ H δ	H δ H γ	H δ H ϵ	~~Hδ~~ H δ	η	θ	ϵ	k	λ	μ	other lines
H2219 δ Cygni	39.1	24.9	16.2	11.1	8.1	6.9	4.6	3.5	2.8	2.3	none for sure
H2215 δ Cygni	39.0	24.5	16.2	10.9	7.7	6.6	4.0	3.4	2.1	2.1 (5 min)	" " "
H2217 α Cen B or											
H2227 δ Cygni	39.2	24.5	16.1	11.0	8.0	6.6	4.6	3.5 ^{from} 2.0	2.4	2.2 ^{from} 2.0 (H δ)	50.5 44.4
H2214 " "	39.3	24.5	16.0	10.9	7.7	5.7	4.5	3.5	2.3	2.1 ^{from} 2.0 (H δ)	35.0 42.0
H2225 δ Lyrae				11.0	7.7	5.7	4.5	3.5	2.5	2.0 ^{from} 2.0	31.0
H2224 δ Cygni				11.0	7.8	5.8	4.7	3.5	2.6	2.3 ^{from} 2.0 (emission?)	32.8
H2223 δ Ophi	39.2	25.0	16.2	11.1	7.5	5.5	4.4	3.5	2.5	2.2 ^{from} 2.0	31.0
H2283 γ Orionis	39.0	24.5	16.5	11.0	7.5	5.9	4.5	3.5	2.7	2.2 ^{from} 2.0	41.5 44.5
H 1916 δ Lyrae	39.4	24.5	16.2	10.9	7.5	5.9	4.5	3.6	2.7	2.2 ^{from} 2.0	31.0
Mean	39.2	24.6	16.2	11.0	7.7	6.1	4.5	3.5	2.5	2.2	

from #3

Remarks

lines nar but a little fgy. F.T. K

" and ship. Ftr than S Cyg. ft. K & some others too

H lines - about like S Cyg. K much strg

149.2 143.1 almost burned out

133.7 140.7

129.7 burned out & p. focus no K

131.5

129.7 good lines K strg

140.2 143.2 (it) poor place not ~~strg~~ many other lines

129.7 ship nar lines K ft but ship

Balmer lines in A-stars of known trig. π . (+ some others)

D.M. no.	Boss no.	Plate no.	^{moon on plate} No. of stars	⁴⁵ No. of lines	¹⁰ Distance (mm)	Remarks
+37 646	644	937404	144	8	10	v.p. focus r+s sup.
+46 275	257	936956	96	12	10	p.f.
+35 44	50	937382	50	12	18.8	10- more fine lines?
+49 1398	1411	937366	73	10 or 11	18.5	9- v.g. lines
+12 2149	2698	937724	89	11	10+	burned out
+76 596	4181	937240	7	9	10	8 p.f.
+78 527	4035	"	2	13	13	19.8 9+ more fine lines?
+77 616	4121	"	4	10	11	18.0 8
+76 594	4151	"	5	11	12	19.1 9
+32 1562	1952	937569	124	12	13	19.0 9+ slightly p.f. + b.o.
+55 1192	1905	937526	55	12	13	p.f. vi end covered
+59 1015	1716	"	189	12	13	19.2 9 p.f. (B.V. ind)
+27 2388	3719	937574	108	8	9	v.p.f.
		"	58	12	19.5	
+9 2882	3692 B7	937719	6	12	13	19.5 10 p.f. Br completely visible
+14 2770		"	158	10	10	10+
-3 631	901 F6	B23816	121			queer b.o.
-1 526		"	77	10	10	7.1 10
+1 673		"	48	9	10	6.3 10-
+55 1598	3474	937668	3	9	11	10+ p.f. b.o.
+56 1627		"	31	10	10	10+ b.o.
+13 1462	1778	938200	11	13	9+	p.f. + v. narrow sp.
+32 3286	4824	937845	68	10	11	10+ b.o.
+37 2433	3518	937799	126	8	10	v.p.f.
"	"	938448	5	7	10	9-
+22 739	1106	938153	130	11	18.9	9+ H. fine lines
+41 2101	2802	938640	18	13	20.0	
+43 2005	2853 (also Boss 2853 (A7))	"	a	13	20.0	1
+1 3215	4163	B17083	87	9	10+	10+ b.o.
+50 2468	4511	938778	24	9	18.0	

DM no	Bosno	Plauno	noon plate	no. of lines	int of cont. sp. between γ + δ dist from δ	Remarks
+32 4352	5709	938099	a	12?	9	poor in u.v. - many lines bet. H & δ
-4 3430	3409	B19142	15	9	10 ft	<u>b.o.</u> (slit disp?)
+4 2764	3506	B13799	61	8	10+	<u>small disp.</u>
+52 1782	3654	938324	57	10 or 11	10-	p. f.
+52 1784	3652?	" BRY P126	59	9	9+	"
+54 1630	or normal	"	25	10	9	gt fine lines
+55 1634	"	"	12	11	9	
+51 1889	"	"	52	8 or 9	8	p f
+9 4732	5443	938129	20	10 or more	9	p f
+0 4998 ✓	6031	938163	89	12	9	3 fine lines between δ + γ , 2 between κ + δ
+18 3823 ✓	4761	919372	a	11	8	p f. written over
+10 2821	3960	B 9475	a	8+	1.0 10	<u>small disp.</u> focus? green - a lot of tiny lines beyond δ - Bk
"	"	937689	35	10	10(+)	
+13 2982	—	" BRY P58	117	10 (or 11)	9+	
+57 1277	2813	938665	32	9-	8	
+24 2790	—	" BRY P26	6	8	7	
+39 1133	1182	937365	332	9 or more	7	p. f. 3 band (str) = 8
+38 1063	1236	" BRY P90	300	11	9	
+33 1013	1260	"	62	8		9 sharp lines
+33 1008	1258	"	60	8		strong line about H135
+36 277	340	937474	61	11	8	p f at β , γ , δ , but vi. v. g.
+37 486	—	BRY P104	52	12	9+	
+34 381	—	"	59	11	10	p f
+39 378	—	"	187	11	9+	
+34 297	—	"	13	10	8+	
+46 3305	5511	937946	234	9+	97	dirty
+21 4901	6020	938620	159			Too faint
+3 2280	2647	B13393	69	9	9	δ + γ v slip
+6 3855	4713	938022	36	9+	7	faint .. doubtful
+48 2517	4430	938777	39	9	7	"
"	"	938778	102	9	7	"

Dm no	Bess no	Plate no	no on plate	no of lines	int of cont. sp. between 1st & 2nd diam 1/5	Remarks
+40 4611	5573	937913	30	—	—	ft, + dirty
+11 2589	3526	938403	56	8	8	slightly p.f.
~~FSO 1420~~	~~1903~~	~~937515~~	~~9~~	~~—~~	~~—~~	~~too ft~~
+49 1612	—	" ^{ex 66} 84	6	10	8	
+49 1673	—	"	12	13 or 14	<u>20</u> 8	
+13 3841	4820	937202	10	—	—	too ft.
+11 3740	4914	—	63	—	—	ft + pf
+2 3879	4953	932170	105	9	10 + +	b.o.
+19 3086	4165	938771	42	10	9	
+37 2878	4419	938779	35	11	8	
+37 2664	—	" ^{ex 88} 84	28	11	8	
+12 3252 ✓	4459	937827	30	11	10 + +	b.o.
+44 1328	1478	938935	a	11	10 +	
+61 2111 ✓	5480	938526	a	10	10 + +	b.o.
+27 2512 ✓	3961	938734	a	12 +	10 +	p.f.
"	"	938422	a	11	10 +	b.o. + pf.
+46 2881	5186	937902	a	9	9	bad focus
"	"	937874	98	9?	8	not enough vi - 2. uncertain
+43 2179	3143	MC 4906	24	9	9	
+16 2234 ✓	2914	MC 4905	a	11	10 + +	b.o. + pf
" ✓	"	938319	79	9 or 10	10 +	" "
" ✓	"	916941	a	10	10 +	" " not much vi.
~~+5 3482~~	~~3256~~	~~938927~~	~~13~~	~~—~~	~~—~~	~~b.o.~~
+46 1657 ✓	2853	938672	212	8	7	pf not v. intense image
"	"	938640	45	9	7	
^{see 2602 (p. 10)}	3666	938406	67	9	10	
+46 1949 ✓	3382	938328	52a	9	7	weak image
+57 1408	—	" ^{ex 106} 84	6	12	10 +	
+55 1596	—	"	C	12	9	
+55 1603	3490	"	5	13 or 14?	10	
+59 1397	—	—	—	—	—	

Dm no.	Boss no.	Plate no.	int. & cont. sps. between 6+7 no. lines dist from H δ			Remarks
			plate	no. lines	dist from H δ	
+40 4364 ✓	5393	938942	a	11	9+	
+37 4240	—	" ^{BR 76} 82	b	113	9	(one not H) fine lines
+38 4431	—	"	c	12	9	fine lines
+39 2580 ✓	3371	938286	4	13	9	beautiful fine lines
+15 2383 ✓	3101	938357	89a	12+	10++	<u>b.o.</u>
+37 3223	4754	938500	29	—	—	<u>too ft.</u>
+37 3222 ✓	4752	^{BR 70} 84 " "	28	10	9	
+39 3509	4748	"	22	11	9-	
+39 3510	—	"	23	8?	8+	app same int as vi, but wk in vi
+48 1707 ✓	2404	938240	10	10	10+	
+47 1633	—	" ^{BR 7} 82	18	16?	<u>21.5</u> 10+	or is it other lines beyond B series?
+52 1365	—	"	75	9	8	much vi beyond
+54 1475 ✓	3117	938321	27	13	10+	<u>b.o.</u>
+37 1965 ✓	2495	937345	68	11	9	good lines
+32 1581	1979 B ₂	937448	—	—	—	<u>too wk</u>
-2 818	1024	B17408	a	12	8	<u>end of vi.</u>
"	"	B12390	a	10	10	small disp. + <u>narrow</u>
"	"	B12685	a	11	10	
+41 395 ^(b.o.m.s.)	469	938055	150	12 + other lines	9+	or "more" B lines? <u>2 p focus</u>
+2 3118 ✓	4203	937801 ^{BR 47} 84	127	11	10	
+1 3323	—	"	122	6	7+	
+25 3221 ✓	4376	937805	13	9	10++	<u>b.o.</u>
+16 1223	1690	937441 ^{BR 45} 84	43	12	10+	
+15 2911 ✓	4009	937751	10	9	10	two lines just beyond ^{92 B₁}
+20 3138	—	" ^{BR 44} 82	53	12	9	
+23 2466	—	"	85	10	8+	
+63 845	2540	937517	37	13	9+	nice fine lines one or 2 lines beyond (further than 1)
+64 723	—	" ^{BR 43}	20	13?	8	
+27 2417	3771 FC	937574	120	—	—	only but comp vi, <u>queer</u> - focus?
+30 2536	—	"	58	12	9+	

P m no.	Boss no	Platino	noon plate	no of lines	int. between $\eta + \delta$ ~~9+10~~	Remarks
+2 2167 ✓	2479	J37606 ^{BK42}	93	10	9+	(8th) - One looks double
+37 1380 ✓	1482	J37429 ^{BK38}	17	12	10+	more (2nd) much further out
+44 3234 ✓	5048	J37349	116	13	10	(dirty)
+47 2939	—	" ^{BK35}	213	10	7	ft image, ft lines, but much vi.
+51 2605 ✓	4988	J37392 ^{BK35}	88	100111	10	
+59 959	1575	J37408	84	10	10-	
+55 1027	1453	BK31 "	a	"	9	wt3
+59 920	—	"	b	10	9-	
+70 153 ✓	446	J37308	13	10	9	
+674 169	—	BK30 "	60	110112	8	
+63 265	—	"	171	10	8+	
+66 213	—	"	142	120113	9	
+71 117	—	"	16	8	10	much vi beyond, but pf.
+67 149	—	"	115	12	8-	pf.

Additional plates of some of above stars

	?	J38719 ^{BK33 1948}	156	12	9+	
	?	J37800	70	10	10	p.f.
	901 (70)	B12679	a			later type
	?	J37752 ^{BK33 1958}	58	130114	10+	
+55 1944	4458	J38015	2	9+	8-	<u>v</u> p. violet
"	"	J38777	1	9+?	8	" " " }
	"	"	2	9110	8	<u>v</u> close
+46 1949 ✓	3666	J38669	78a	100111	10-	near edge
	2853	J38308 ^{BK33 1926}	a	100111	7	v p in vi
			78	12	9	
	5393	J37878	148	—	—	scratched
		"	135	—	—	out of focus
			133	—	—	too wk

DM no	Boss no	Platino	year plate	no of lines	no between H γ & H δ	Remarks
+59 959	1575	9 38154	67a	11	90	p. focus (near edge)
+59 930		"	56	12	9	" "
+44 1328	1478	9 27391	63a	11-12	10++	1/2 off plate & uncut
<u>a-type brighter than 5th mag in Boss</u>						
+37 486 ✓	480	9 37577	a	11	9	$\gamma < \delta$ p.f.
+2 317 +	463	B 10441 (6H)	23	10	8-	? <u>shd disp</u>
-40 771 +	689	B 45746	a	10 11	10	pf. " " b.o.
+17 714 ✓	1022	MC 6674	a	9 10	10++	^{r45} Sclerophid pf <u>plate poor in</u> b.o.
+17 719 ✓	1029	"	b	8+	10++	" " " " " "
+37 175 ✓	203	9 37380	a	12 13	10	$\gamma < \delta$ both v. slip + nar
-24 1387 +	696	B 45163	15	9	9+	$\gamma = \delta$ <u>shd. disp.</u>
+59 248 +	314	9 38877	a	11	10+++	b.o.
+54 236 ✓	264	9 38879	64	9	9	v p focus
+9 359	629	B 12026	5			<u>NG</u> b.o. + plate yellow
+58 607 ✓	786	9 38959	a	12?	8	¹⁰⁰ Si ₁₁ or Si ₁₂ ? (6H) H very wk, v. fine
+54 684 ✓	791	"	13a	10	9	$\gamma < \delta$ other lines beyond pa series
+42 750 ✓	757	9 38945	52a	12	8	$\gamma < \delta$
+66 213 ✓	550	9 38984	23	10	8+	$\gamma < \delta$
+26 220 ✓	300	9 38904	97	9+	9	p.f.
-24 2022 +	923	B 41089	128	B 0114	10++	b.o. <u>small disp</u>
-49 115	99	B 39658	38a			P.f.
+39 681 ✓	668	9 38086	85a	12 13	9	<u>end of vi</u> $\gamma < \delta$
-9 624 ✓	739	9 38073	24	8	8	(wk in v. plate) $\gamma \pm \delta$ slip + nar
+12 451	551	B 40982	130a			impossible plate - no v. shd disp
-29 706 x	474	B 23790	7	11	10+	b.o. <u>out disp.</u>
-68 169 x	642	B 20429	99a	11-12	10+++	" " "
-43 814 ✓	611	B 24090	88	12?	10++	v. small
-63 50	100 101	B 22068	36			<u>B.O.</u>
+20 724 ✓	989	9 37589	23	9	7	plate poor in vi $\gamma > \delta$ slip + nar
+21 642 ✓	1026	"	60	11	9	$\gamma > \delta$ bid + fgy

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pm	Bono	Plate	noon plate	mid lines	int bet. 7-3	Remarks	
+22 696	F	1026	J37589	58	11	9	alt pf
+22 699	B26 mark	"	"	56	11	8	" "
+20 732	B9	"	"	20	8019	8	4x5 q. slps
+21 623	B0 5a	"	"	16	9010	8+	" "
		"	"	a	10	9	pf
		"	"	b	10	8	"
+73 168	✓	✓ 705	J37555	76	12?	8	another ^{alt} star sup. on vi.
+70 259	✓	✓ 858	"	15	9	8+	alt pf
+5 581	+	x932	B12680	19	10011	10+++	sltdisp 6.0
+49 1101	✓	✓ 936	J38087	48a	13011?	9	another ^{alt} star on vi. 4x5 <u>brd</u>
"	✓	"	J37406	53	130114	9	not covered on vi. " not v. brd
+49 1150	✓	✓ 986	" B237	111	11	9-	4x5 slpt nar (4 slpt narist)
		" " 32	"	8	10-11	10	4 lines v. wkb (4) 4x5 brd
			"	159	9-10	9-	4 lines 5 = 4 slpt + 2 nar.
+20 527	✓	✓ 730	J37477	a	9-10	8	<u>upf.</u>
			"	b	11	9	See J37383
-58 42	+	✓ 148	B8623	11	11	9	bad plate. v. near edge <u>b.f.</u>
+7 388	✓	✓ 560	J37403	14	11	10	4x5 (a little only) slpt + 2 nar
+28 4	✓	✓ 10	J37352	29	11?	10	double star just abk, more lines in vi.
-44 101	x	77	B23761	15a	7?	10+++++	v. sltdisp <u>B0</u>
additional plates on some of above stars							
-44 101	✓	77	B44268	a	12-13	8	long disp 5 = 4
	F0 5a	—	"	162	13	8	"
-44 101	✓	77	B44378	a	13-14	9+	long disp
-49 115	✓	99	B37136	a	11	90-	" " pf
"	✓	"	B44272	a	12-13	8+	" "
-63 50	✓	100	B12005	36	13	9	" " pf
	+	—	"	a	11	9-	" " 4x5 v. slpt + nar
-63 50	✓	100	B10098	36	12-13	9	" " pf
			"	a	11	9-	" " end of vi

2m	Boss	Plate	no on plate	lines	int	Remarks
-24 1387	✓ 696	B37021	15	9	9	<u>VPF</u> long disp (wt0)
" "	"	B35610	a	13	10	$\gamma < \delta$ " " wt3
-43 814	✓ 611	B44269	a	12	8	long disp pf
"	"	"	b	13	9	" " $\gamma = \delta$ v slgt nar c. 4026 sing
(-43 814	611	B17278	a	9	10	" " <u>VPF</u>
"	as above	"	b	12	10	" " pf 60
"	as above	B37263	b	10+	10	" " <u>VPF</u> traces of more lines
-40 771	✓ 680	B44367	c	14	9-	" " $\gamma = \delta$ wt3
"	"	"	d	12 or 14	9	" " pf. b2 other lines or H lines?
-40 771	✓ 680	B4665	c	13-14	10	" " wt3
"	as above	"	d	(10)	non	non on vi
-68 169	✓ 642	B5624	a	11-12	10-	long disp <u>end of vi</u> $\delta = \gamma$ wt2
"	"	"	b	12-13	10+	" " $\gamma = \delta$
"	"	"	c	12	10+	" " set of pf <u>end of vi</u>
"	as above	B8570	b	12-3	10-	<u>end of vi</u> long disp
"	"	"	c	10+	10-	" " "
"	"	(B42116)	b			<u>VPF</u>
"	"	"	c	11-12	9	pf
-24 2022	✓ 923	B5670	a	11	10-	long disp PF wt1
"	"	"	b	12	9+	" " pf
"	more 615	"	b	12	8	" " <u>end of vi</u>
-24 2022	✓ 923	B37047	a	10-11	10	" pf wt2
"	"	"	b	11-12	9	" " "
"	"	"	c	12	8	" " "
-12 451	✓ 551	B37402	50	10?	9	<u>PF</u> wt1
"	✓ "	B44180	a	12-13	8	" PF " 1
"	✓ "	B17334	a	13	9+	" (H) " 2
"	✓ "	B17697	a	13	10	" (pf) " 2
"	"	B37130	a			<u>PF</u>

-58	42	✓	148	B12014	a	12	10	Indisp pf	(wtv)
		✗		"	b	11	10	" " beyond 100	
-58	42	✓	148	B34487	a	"	9	" " end of vi $\delta = \gamma$ slp in a	(wtv)
+9	359	✗	629	937284	58	12?	8	" " PF 4p. plate $\gamma = \delta$ slp in a	
+5	581	✓	1932	937549	44	10	9+	" " PF in vi $\gamma = \delta$ (")	
+2	317	✓	1463	937433	34	11	10++	" " " $\gamma < \delta$ (")	(wtv)
+9	359	✗	629	937328	a	10F		" " no vi	
+2	317	✓	1463	B1738	a	13-14	10++	" " $\gamma < \delta$ f. slp in a	(wtv)
				921424		7 emission		" " last line of str.	
				910637	a	12	8+	" " pf (better toward vi)	
-7	1142		1392	M44898	32	8		no vi on plate	
+49	1612	✓	1879	937515	6	12	7	$\gamma < \delta$ avslp in a	
+49	1623	✓	1928	"	12	12	8-	$\gamma < \delta$ avslp in a	
+21	751	✓	1194	938213	a	10++	9	end of vi.	
+9	683	✓	1163	938204	12a	809	8+	plate poor in vi tp in vi.	(wtv)
+9	1064	✓	1501	938171	a	9-10	9+	PF	(wtv)
+8	777	✓	1141	938075	59	9+	10	PF in vi	
+27	1499	✓	2078	937503	101	11	8	" " "	
+69	371	✓	1556	938169	10	10	10	" " "	
+59	1015	✓	1716	937526	189	12	9	PF - better in vi	
				"	176	12	9+	" " "	
+59	1103	✓	2010	937676	71	"	8+	PF	
-5	1068	✗	1153	B17409 (Aug)	72			<u>Y</u> P.F.!!	
				"	93	16? (14)	10++		
B Orion	-81063	+	1250	"	117	15-16	7	(tail) 2 fine lines (slp in a + vi)	
+15	625	✓	1034	937511	83	10+	9	PF in vi	
+15	632	✗	1046	"	79	12+	10-	" " "	
+15	637	✓	1054	"	68	10	8	" " "	
+14	720	✓	1067	"	59	10	9	" " "	

+12 618	✓	1087	937511	2	12	10	PFinvi	wt1
+15 666	✓	1090	"	49	12	9	<u>Pfallon</u>	"
+53 829	✓	1161	914302	5	12	10	PFinvi	
+55 1027	✓	11453	937407	120	8-	—	" " " great p. in vi	wt0
+57 879			"	94	12		" " " "	
-16 1072	✓	1241	B18649(4)	61	14-15	10+ft	B0	wt3
			"	10	11	10+		
			"	4	13	10+		
+34 1481	✓	1763	937527	101	9	9	PFinvi	wt1
+27 899	✓	1457	937377	31	10	10	" " "	wt0
+37 1005	✓	1178	937365	177	10-11	9+	PFinvi	

Additional Plates of most of above (all long disp)

✓	1556	B3068	a	11+?	10	end of vi apparently	wt2
✓	2078	937503	a	"	8	" " " "	" "
✓	1194	938153	42	12	9		wt3
✓	1033	"	87a	13-14	9	(pf) <u>See P. 32</u>	" "
✓	1178	B3161	a	10	10-	com plate in vi	wt0
✓	"	938934	a	10-11	9	PFinvi	" "
✓	1153	B2298	a	13-14	9		
✓	1392	937550	26	8-	7	VP Violet	wt0
✓	"	B2187	a	11+?	8	end of vi	wt2
✓	1501	B1741	a	12	9	δ Fγ w + fγ	wt3
—	—	"	b	12	9+	δ = γ " " " less 4026 Strg	
—	—	"	c	13-14	9+	" " " same as b " "	
✓	1501	914152	a			PFinvi	
✓	1457	910394	a	13-14	10	PFinvi	wt3
✓	1076	912149	a	11	10		
✓	1786	937501	155	12	9	wk in vi	
✓	"	B1906	a	11	10	" " " "	

✓	✓ 1763	B42976	a	12-13	8		wt 3
✓	"	B42949	a	12-13	8		3
✓	"	910337	a	13-14	10	PF	2
✓	"	B2002	a	12	10++	PF	1
✓	✓ 1453	B3210	a	10-11	8	Poor plate in vi	wt 2
✓	"	937408	See P 14 line 64.				wt 3
✓	✓ "	937490	a	11-12	9	PF	wt 1
	+57 879	"	b	10	9	pf	
	+59 920	"	c	10	9-	PF	
✓	✓ 1067	937544	a	12-13	9	Edge	wt 2
✓	✓ 1054	"	b	12	10-	pf E	" 2
✓	✓ 1087	"	c	10	10	VPF	" 0
✓	✓ 1090	"	45	11	9	PF in vi	" 1
		938301	a	9	9	VPF	
			b	11	9	"	
			c	9	10	"	
			d	11	9	"	
			e	11	10	"	
			f	8		"	
✓	✓ 1163	B2227	b	10	8	Vdk plate	" 2
	"	912149	b	11	9	PF	" "
all long disp							
✓	✓ 1769	B9064	a	10	9+	VPF	wt 1
✓	✓ 1968	B8903	a	13-14	9	8x8	wt 3
	"	B42935	79	13	8	end of vi of work. 8x8	wt 2
	"	B8911	a	12	7	" " "	wt 2
✓	✓ 2035	B42934	10	17-18	7+	8x8 = end of fig	wt 3
	✓ 1611	B38168	a	8	9	VPF	" 0
✓	"	B38205	a	9	9	PF	" 1
✓	"	914072	a	14	10		" 3

✓	1611	B1109	a	11 +?	10-	v dense plate wt 2
✓	1432	B20485	63	12	10++	<u>BO</u> wt 2
+	1657	B14153	^a to	10	10	<u>VPF</u> " 0
✓	1236	B37365	300	10+?		VPF in vi ~~2 sp~~ ^{5 sp} ~~g~~ ^g ~~pl~~ ^{pl} ~~shy~~ ^{shy}
		~~B5648~~	~~a~~			~~PF~~
✓	1443	B42853	7	13	8+	wt 3
✓	"	B8901	a	12	10-	VPF " 1
✓	"	B9070	a	10	9	VPF " 1
✓	1522	B42141	a	12	7	wh in vi wt 2
✓	"	B8916	12	12	8+	" " " " "
✓	1220	B17409	913	14	10	much vi beyond wt 4
		~~B17416~~				~~PF~~
✓	1281	B1750	a	13-14	8+	end of n' wt 2
✓	"	"	-	18	10++	" " "
✓	1446	B4734	a	10	9	" " " PF wt 1
✓	"	B20643	a	14	10	VPF " 1
✓	"	B18825	a	12	10	" " " " 0
✓	1682	B8902	21	"	10-	end of n' wt 2
✓	"	B8904	a	14-15	9+	" " " " 2
✓	"	B42931	a	15	9	" " " " 3
✓	1853	B3211	a	13	10	end of n' " v
✓	"	B3225	a	11	10	" " " " v
✓	"	B9008	a	11	8	" " " yellow " v
✓	4328	B8905	300a	16	10++	<u>BO</u>
✓	2729	B38291	25	16+?	10	VPF in vi wt 0
✓	2424	B38240	18	12	10+	" " " " 0
✓	2982	B38658	21	10	9	" " " " 0
✓	2900	B38308	78	10	9	(") " " " 1
✓	2637	B38638	47	12	9	(") " " " 1

P M no		Boss no	Plate no	no on plate	no of em	int bet #s + y	Remarks
✓	✓	2909	938208	36	13?	10	VPF in vi wt 1
✓	✓	2237	938207	7	11?	10	" " " " "
✓	✓	2692	938241	50	10	9	" " " " "
✓	✓	2407	938198	42a	12	10-	" " " " "
✓	✓	2972	937504	58	"	10++	(11) " " " "
✓	✓	2932	"	112	(9)	10	" " " " "
✓	✓	2407	937628	146	11-12	9-	fair focus but wk image wt 1
✓	✓	2754	937346	70	"	9+	VPF in vi wt 0
✓	✓	2361	937654	135	9	10+	VPF " " " "
✓	✓	2295	"	191	9	10+	" " " " " "
✓	✓	2694	937571	"	12	10++	" " " " " "
✓	✓	2930	937717	72	(9)	10+++	" " " " " "
✓	✓	2327	937617	58	10?	10-	PF in vi wt 1
✓	✓	"	914291	a	9-10	10+	" " " " "
✓	✓	"	B1135	a	14+?	10-	end of vi - traces of more? wt 2
✓	✓	2207	B8897	65	12-13	10-	wt 3
✓	✓	2181	"	158	13-14	9	" " " " " "
-43	3766			130	"	10+	much more vi good! wt 4
-43	3758			131	"	10-	wt 3
-36	4513	45		270	"	10	(off vi) wt 3
	✓	2207	B42221	a	12-13	8	PF - best in vi wt 2
-36	4513		"	24	"	7	" " " " " "
✓	✓	2181	B4660	a	"	8	plate wk in vi wt 4
-43	3766		"	b	12	8	" " " " " "
-43	3758		"	c	"	8	" " " " " "
-43	3766	✓	2181	B42977	a	14-16	end of vi wt 2
-43	3758		"	b	13	8	" " " " " "
			"	c	"	7	" " " " " "
✓	✓	2723	B40189	40	9	10+	much vi beyond hal. for. wt 3

✓✓	2723	B 4948	a	13	10+	app. end of vi	wt 2
✓	2929	B 42,222	a	13-14	8		"3
		"	"	12	8		
✓	2929	B 43044	28	12	10	focus a.l.p. in vi	wt 2
††	6346	"	37	12	"		
✓✓	2964	B 9428	a	15	10+	slip on line prot. more with higher disps.	wt 4
✓	"	B 5891	a	13-14	10+	app. end of vi.	wt 3
✓	"	B 5875	a	12	10+	PF	wt 1
✓✓	2399	B 8889	a	11-12	10	end of vi	wt 2
✓	"	B 10867	a	13	9	poor vi - ss	wt 2
✓	"	B 11015	a	10	9	end of vi	wt 2
✓✓	2697	B 38242	64	12-13	10-	slty of in vi	wt 2
✓	"	B 24613	a	16	10+	vi beyond. exc. focus	wt 4
✓	"	B 10696	a	12	10	a.p.f. in vi	wt 2
✓✓	2599	B 42951	16	14	9-	poor	wt 2
✓	"	B 4986	a	10	10	PF	wt 0
✓	"	B 7793	a	12	9-	PF - best in vi	wt 2
X✓	~~2~~	"	b	13	10++	3mm more vi - exc focus.	wt 4
✓✓	2120	B 10866	a	12	9	fair plate	wt 2
-18	2190	"	b	13	10		
✓	2120	B 11036	4	12	10	end of vi	wt 2
-18	2190	"	19	11-12	10++	PF	
✓✓	2809	B 4822	a	(10)	10-	VPF	wt 0
✓	"	B 5890	a	13-14	9	PF	wt 1
X	~~2~~	"	b	13	10+	exc. focus. much more vi	wt 4
✓✓	2809	B 36119	a	12	9	PF	wt 1
✓✓	2329	B 8888	22	14-15	5	ingress very yel. work plate.	wt 3
✓	"	B 4947	a	12	10-	PF end of vi	wt 1
-45	4517	2358	"	14-15	10	VGf	wt 3

✓	2440	B4821	b	13-14	10-	end of vi	wt 2
✓	2493	"	a	14	10++	much more vi. more lines = 42	wt 4
✓	"	B35944	a	14	10++	" " " X X	wt 4
✓	"	B42254	a	15	10++	" " " X X	wt 4
✓	2440	"	b	14	9	end of vi	wt 2
✓	2493	B8899	a	12-13	10	much more vi. (plate)	wt 2
✓	2440	"	b	10	9	end of vi	wt 2
✓	"	B8269	14	11	7	v. v. v.	wt 2
✓	3092	B4980	a	15	10	end of vi	" 2
✓	3146	"	b	12	10-	" " "	" 2
✓	2307	B42978	a	13	10-	end of vi	" 2
✓	2329	"	b	15-16	9	" " "	" 2
✓	2358	"	c	16	10		wt 3
✓	2307	B4947	b	14	9	end of vi	wt 2
✓	2307	B8888	30	15-16	5	v. v. l. image	" 3
✓	2358	"	35	14	5	" " "	" 3
✓	2307	B43043	a	12	10	focus not of the best	" 2
✓	2329	"	b	15	10	" poor	" 2
✓	2358	"	c	14-15	10	" " "	" 2
✓	2307	B9034	a	14-15	10f	" " "	" 2
(new 23 top)							
✓	2929	B43044	25	11-12	10-	exp	
✓	2990	J17248	a	11	10+	PF in vi	" 1
✓	"	J38373	a	11	10	VPF	" 0
✓	2559	J10695	a	12	9	pf	" 1
			b	10+	10+	VPF	
✓	2559	J12264	a	12+?	9-	VPF	" 1
			b	10-11	10	"	
✓	2559	B24595	a	13-14	9+	PF	" 1
			b	11	10+	PF	

+9	✓	3129	917249	a	9	8+	VPF	wt0
	✓	3129	B39049	a	10	7-6	end of vi	wt1
	✓	"	917066	a	(10)	8+	VPF	wt0
	✓	3005	B42251	a	12	9+	PF	"
	✓	2356	B42241	Hg	12	10++	much more vi	wt3 focus faulty
			"	b	14	10+	"	wt3 good
	✓	2356	B5882	a	15+	10++	PF more vi	wt2
	✓	2424	B2003	a	12	10+	PF	wt2
	✓	"	B1918	a	14	10++	g.f. more vi	wt3
	✓	2982	B14651	a	12	10-	VPF	wt1
	✓	"	917015	a	10	8-	"	"
	✓	2565	B3226	a	9	9-	end of vi	" 2
	✓	"	B3267	a	"	10+	r.p.f.	" 2
	✓	2476	B14431	a	10	9+	VPF	" 1
	✓	2637	B2004	a	"	10++	PF	" 1
	✓	"	938645	a	9	9	VPF	" 0.0%
	✓	2909	910749	a	12	10	PF	" 1
	✓	"	914278	a	12	10-	PF	" 1
	✓	"	917000	a	13	9	PF	" 1
	✓	2237	B2346	a	13-14	10	end of vi	" 2
	✓	2692	910180	a	12	10+	PF (Edge)	" 1
	✓	"	910408	a	"	10+	PF	" 1
	✓	"	910641	a	12+?	10+	"	" 1
	✓	2145	936656	a	9	10	VPF	" 0
	✓	2972	919805	b	12	10+	fair focus much more vi	wt2
	✓	"	916910	b	12-13	10+	PF (E)	" wt1
	✓	"	937770	b	9	10	VPF	" 0
	✓	2932	"	a	9	10-	"	" 0

✓	✓	2754	937012	a	12	10	PF	wt 1
✓	✓	2295	B1084	a	11	10	PF	" 1
✓	✓	"	914073	a	10	10	PF	" 1
✓	✓	12694	919852	a	10	9	PF all lines v ft.	" 1
✓	✓	"	914293	a	12+?	10++	PF " " " "	" 1
✓	✓	2930	B2128	a	15	10++++	g.f. v ^{much more vi} dense plate bkg.	wt 4
✓	✓	"	914304	a	12	10++++	PF	wt 1
✓	✓	"	937658	a	13-14	10	PF - test in vi	wt 1
✓	✓	2729	910975	a	12-13	10	PF	" 1
✓	✓	"	919673	a	12	9	PF	" 1
✓	✓	"	919866	a	11	10	PF	" 1
✓	✓	2900	"	b	8	8	VPF + end of vi	" 0
✓	✓	"	922325	b	11	10	VPF	" 0
✓	✓	"	910197	b	11	10	PF	" 1

✓	✓	3626	938733	36	11	10	PF	wt 0
✓	✓	4050	938719	156	11	10-	PF	" 1
✓	✓	3309	937681	82	11-12	9	PF	" 1
✓	✓	3612	937728	5-	13	10	pf.	" 2
✓	✓	3772	937688	41	11	10+	PF	" 1
✓	✓	4035	937809	a	11-12	10+	PF	" 1
✓	✓	3752	937719	158	10	10+	PF	" 1
✓	✓	3994	937751	53	11-12	9+	PF	" 1

✓	✓	4072	B2662	a	12	10+	end of vi	" 2
✓	✓	3626	B2516	a	12	B 0	PF	" 1
+	+	—?	B2748	a	15	10	more vi	" 3
+	+	—	"	b	12-3	8	"	" 3
✓	✓	3949	938718	a	12	10-	end of vi pf	" 2
✓	✓	~~4050~~	927119	b	12	10+	more vi	" 3
		3961						

a = 430244080

R Coronae

N

d Cor Bo	✓	3961	927114	b	12-13	B0	more vi	wt 3
	✓	4080	"	a	10	8	pf end of vi	" 2
d Cor Bo	✓	3961	927023	b	11-12	B0	much more vi	" 3
	"	"	927024	b	11-12	"	" " "	" 3
	"	"	927029	b	12	" +	" " "	" 3
	✓	"	927097	b	12	"	pf " " "	" 2
	✓	"	927087	b	11-12	"	" " "	" 3
	✓	4080	927017	a	10-11	9	pf end of vi	" 2
	✓	"	926983	a	11-12	9	" " "	" 3
	✓	"	927324	a	12	9	end of vi	" 2
	✓	"	938774	a	10	9-	" " " PF	" 2
	✓	3309	B1386	a	12-13	10	end of vi	" 2
	✓	3667	B2692	a	12	10	" " "	" 2
	✓	"	936698	a	12-13	9	" " "	" 2
	✓	3283	938325	a	10	9	PF	" 1
	✓	"	B1297	a	8-9	9+	end of vi	" 2
	✓	"	914279	a	"	9	pf	" 2
	✓	"	916952	a	9-10	9+	PF	" 1
	✓	3572	937013	a	"	8	pf end of vi	" 1
	✓	"	938684	a	10+	8	PF	" 1
	✓	3190	B2142	a	12+?	<u>B0</u>	much more vi	" 3
	✓	"	914433	a	12?	10+	PF	" 1
	✓	3363	"	b	12+?	10+	"	" 1
	✓	3190	917457	a	10-11	10+	PF	" 1
	✓	3363	"	b	"	<u>B0</u>	"	" 1
	✓	3190	938322	a	"	10	pf much more vi	" 3
	✓	3363	"	b	12-13	10++	" " "	" 3
	✓	"	938328	d	12	10++	pf " " " wlk lines	" 3
	✓	3639	B1410	a	12	9	end of vi	" 2

PM no.

✓	✓ 3772	J10964	a	11-12	10+	PF	wt 2
✓	"	B23035	a	12-13	10+		" 3
✓	"	B22742	a	12	"		" 3
✓	"	B21830	a	13-14	B0		" 3
✓	✓ 3926	J37752	a	13	10		" 3
✓	✓ 3752	J38404	b	10	10+	PF	" 2
✓	✓ 3994	B1440	a	13	10+	end of vi	" 2
✓	✓ "	J20983	a	11-12	10	VPF	" 0
✓	✓ 3292	B43315	14	12-13	9	pf	wt 2
✓	✓ 3302	"	16	14-15	10		wt 3
✓	✓ 3352	B43070	12	"	8-	pf end of vi	wt 1
✓	✓ 3680	B43250	27	11	10	PF	wt 1
✓	✓ 3921	B43316	14	11-12	10	PF	" 1
✓	✓ 4035	J37240	2	12	10	PR <u>See P. 10 Catalogue</u>	" 1
✓	✓ 4084	B43284	1	12	10	PR	" 1
✓	✓ 4084	B4970	a	12+	9+	(pf) end of vi	" 2
✓	"	B3680	a	12	9-	" " "	" 2
✓	"	B3930	a	11	9-	PF " " "	" 1
✓	"	B4954	a	12+?	9	" " "	" 2
✓	✓ 3921	B43859	a	10	9	PF	" 1
✓	"	B3647	a	12	10	end of vi	" 2
✓	"	B43082	a	12	8+	" " "	" 2
✓	"	B42249	a	13	9+	mon vi	" 3
✓	"	B41750	a	12-13	10	" " PF	" 2
✓	✓ 4035	B2688	a	11-12	10	PF	" 2
✓	"	B2563	a	12	10	end of vi	" 2

✓	✓ 3352	B5190	a	12	9	end of vi	wt
✓	"	B43081	a	12?	9+	PF	" 1
✓	"	B42248	a	14-15	9-	"	" 2
✓	✓ 3292	B5281	a	15-16	10++	VF much more vi	" 4
✓	✓ 3302	"	g	13-14?	10	"	" 3
✓	✓ 3292	B10814	a	12	10	end of vi?	" 2
✓	✓ 3680	B8407	a	13	10++	more vi	" 3
✓	"	B5273	a	13	10+	"	" 3
✓	✓ 3210	B10936	a	13-14	10++	PF more vi	" 2
✓	✓ 3508	B10937	a	13	10	pf more vi	" 3
✓	"	B22766	a	12	10	"	" 3
✓	✓ B633	B42244	a	13+?	8	end of vi	" 2
✓	"	B10821	a	10	8	"	" 2
✓	"	B10822	a	9	8	"	" 2
✓	✓ 3672	B18653	a	15	10	known vi	" 3
✓	"	B19212	a	12-13	10	main " of?	" 3
✓	✓ 3787	B6224	a	14-16 15?	10+	"	" 3
✓	"	B8374	a	12-14	9	" PF	" 2
✓	✓ 3866	B10818	a	13	10	"	" 3
✓	"	B35804	a	13	10	main	" 3
✓	✓ 3825	B19213	a	12+	8	PF app. sev. lines mor	" 2
✓	"	B19276	a	12+	8	"	" 2
✓	"	B2465	a	11	9	end of vi	" 2
✓	✓ 3879	B5283	a	12+?	10	PF	" 2
✓	"	B36002	a	12-13	10	"	" 2
✓	"	B7633	a	12-13?	10	pf	" 3
✓	"	B35947	a	12	10+	PF	" 1
✓	"	B36498	a	12	10++	much more vi	" 3
✓	"	B36121	a	12+?	10+	fuzzy PF	" 2

See P35

				lines			
✓	✓ 3880	B36331	a	12+ ²	10	PF suggestions of more lines	wt 2
✓	"	B3940	a	13	10	end of vi	wt 2
✓	"	B36267	a	12	10	more vi	" 3
✓	"	B3371	a	12	10	PF	" 2
✓	"	B3375	a	12	10	PF	" 2
✓	✓ 4016	B19953	a	14-15	10++	more vi	" 3
✓	"	B21877	a	13	10++	"	" 3
✓	"	B21831	a	15	10++	much "	" 3
✓	"	B19180	a	13+	10++	" pieces of 304 more	wt 3
✓	"	B19417	a	15	10+	"	wt 3
✓	✓ 4071	B10093	a	10-11	8	end of vi	" 2
✓	"	B43317	a	10	8+	more vi PF	" 1
✓	✓ 3452	B9088	a	10+ ²	10	" pf	" 2
✓	"	B3606	a	14	10+++	"	" 2
✓	"	B5228	b	13+ ²	10++	PF suggestions of more lines	" 2
✓	✓ 6179	B10109	20	12	9+	slightly pf in vi	wt 2
✓	"	B8260	a	13+ ²	8	pf	" 2
✓	"	B5611	a	12	10	end of vi	" 2
✓	"	B41862	a	13+ ²	10++	pf + crooked	" 2
✓	"	B42781	a	12	10	pf	" 2
✓	"	B44179	a	13-15 ²	10-	"	" 3
✓	"	B44297	a	12	8	pf	" 2
✓	"	B41775	a	12-13	10++	pf	" 2
✓	6110	B8586	5	12	10	PF end of vi	" 2
✓	"	B5605	a	11-12 ²	10	more vi	" 3
✓	"	B37032	a	11	10	"	" 3
✓	6087	B44297	b	12+ ²	8	pf	" 2
✓	"	B44298	a	13	8	"	" 2

6 cent.

			line	no plate			
✓	6087	B17425	12-13	a	10+		wt 3
✓	"	B17331	12	6	10+		" 3
✓✓	6080	B38140	10	a	10+	PF	" 1
✓	"	B1920	14	a	10+	more vi.	" 3
✓	"	B37910	13-14	a	10+	PF	" 2
✓✓	6068	B4483	10+11	a	9-	end of vi.	" 2
✓	"	B37259	12+?	a	9	PF	" 2
✓✓	1968	B42935	13 ⁺	79	8+	plate broken just after 13 th line	wt 3
✓✓	1853	B3211	a	12-13 ⁺	10+	meas'd before? end of vi.	wt 2
✓	"	B3225	a	10-11	10+	P21	wt 2
✓	"	B9092	a	13	10+	end of vi. not meas'd before	wt 2
✓	"	B9008	a	12	9	P21	wt 2
✓	"	B14252	a	11	10+	PF	wt 1
✓	"	B38145	a	13	10+		wt 2
✓✓	1696	B9026	a	12	9+		" 3
✓	"	B4523	a	13	10	end of vi.	" 2
✓	"	B42157	a	15(?)	9	" " "	" 2
✓✓	1690	B37441	43	12	10+	PF	" 1
✓	"	B1783	a	15-17?	10+	good for. traces of more lines	wt 4
✓	"	B14094	a	12+	10+	PF	" 2
✓✓	1682	B8902	21	11	10	end of vi. P21	wt 3
✓	"	B42931	a	13-14	10+	meas'd before? more vi. P21	wt 3
✓	"	B8904	a	13-15	10	" " "	P21 wt 3
✓	"	B44247	a	11+	8	PF	wt 2
✓✓	1446	<u>See Page 21</u>					
✓✓	1432	B20485	63	12	10++++	(b.o.) much more vi. P21	wt 3
✓	"	B44350	a	12	10-	PF (edge)	wt 1
✓✓	1281	B18557	a	"	10+	PF	wt 1
✓	"	B1750	a	12+	9	end of vi. P21	wt 2
✓✓	1241	"	3	13-14	10+	PF	wt 2

ok = not mixed before

✓	✓	1241	B18649	a	14-15	10++	(ho) pf ^{P19} much more vi ^{wt3}	
✓		"	B18556	a	13	10+	pf	wt3
✓	✓	1236	938934	b	9	10-	PF	wt0
✓		"	937260	a	9-10	10	PF!! (E)	wt0
✓		"	B33161	b	13+?	10	end of vi almost	wt2
✓	✓	1220	^{also P21} B17409	93	13-14	10++	much more vi pf ^{P21}	wt3
✓	✓	1141	914070	a	12-13	10	PF (E)	wt0
✓		"	938204	a	10	10	PF	wt0
✓		"	P2227	c	11-12	9	end of vi v dense plate	wt2
✓		"	912149	c	10	9+	PF	wt1
✓	✓	1022	^{also P18} B183	a	10-11	10+	PF	wt1
✓		"	99856	a	12	10	PF	wt2
✓		"	938301	1	10	10	PF	wt2
✓	✓	1033	^{also P15} 938153	a	14	10	PF ^{P19}	wt2
✓	✓	739	910632	a	11	9	end of vi	wt2
✓		"	910636	a	12	8	pf	wt2
✓		"	B44171	a	12-13	7		wt3
✓	✓	5337	^{P15} B6533	a	12-13	10+	pf (best in vi)	wt3
✓		"	B44061	a	14	7	more vi	wt3
✓	✓	3256	B36140	a	13	10+	much more vi	wt3
✓		"	B18652	a	13-14	10+	"	wt3
✓	✓	5062	B635	a	14	6.0.	"	wt3
✓	✓	4932	B43224	16	12+	10+	PF	wt2
✓		"	B30435	a	13+?	7	PF	wt2
✓		"	B30448	a	13	8		wt3
✓		"	937255	a	11-12	10	PF (E)	wt1
✓		"	P2873	a	11-13	10	end of vi	wt2
✓		"	P3683	a	14+?	10+	v wk near end	wt3
✓	✓	4858	B1712	a	13+?	10+		wt3
✓		"	937194	a	10	10+	PF	wt1

✓✓	4581	B1455	a	13	10+	end of vi	wt 2
✓✓	4458	J38015	3	9+?	9	PF (E)	wt 2
✓✓	4460	"	2	10	9	"	wt 1
✓	"	J37802	a	11	10	"	wt 0
✓✓	4458	"	b	12	10	"	wt 1
✓✓	4026	B1471	a	14+	10+	weak at end of vi	wt 2
✓✓	3998	J27087	c	10	9	PF	red. sensitivity
✓	"	J27055	b	10+?	B.O.	PF	wt 1
✓	"	J27097	b	10	10+	"	wt 1
✓	"	J27014	b	11?	10+	"	wt 1
✓	"	J27023	c	10	10+	"	wt 1
✓	"	J27024	c	9-10	10	"	wt 1
✓	"	J27029	c	11	10+	"	wt 1
✓	"	J27114	c	11-12	10+	"	wt 1
✓	"	J27119	c	10	10-	" end of vi	wt 1
✓✓	3480	B2316	b	12	B.O.	PF	wt 2
✓	"	J38328	c	11-12	10-	meas'd before? PF	wt 2
✓✓	1979	J37569	138	11+	B.O. (in vi)	"	wt 2
✓	"	J36658	a	10-11	10+	PF	wt 2
✓	"	J37285	a	13	10+	pf	wt 2
✓	"	J37464	a	13-15	almost B.O. in vi	"	wt 3
✓✓	1886	B1083	b	11	10++	PF (best in vi)	wt 2
✓	"	J36963	b	12	10+	PF (E)	wt 1
✓✓	1898	B3235	a	15?	10+	pf end of vi.	wt 2
✓✓	1886	"	b	11	10+	PF (E)	wt 1
✓✓	1898	B3290	a	13	10++	pf more vi.	wt 2
✓	"	J10650	a	12	10+	"	wt 3
✓✓	674	J37383	5	10	10	PF (E)	wt 1
✓	"	J11529	a	12-13	10-	PF (E) end of vi	wt 1

✓	✓	300	9 37340	13	10-11	9	PF	wt 2
✓		"	B1887	a	"	10	PF end of vi	" 2
✓		"	937381	a	9	10	<u>PF</u>	" 1
✓		"	938904	97	10-12	10+	"	" 1
✓	✓	43	937382	109	12	10	PF more vi	" 2
✓		"	910404	30	12	10	what end of vi	" 2
✓		"	938842	a	12-13	10-	end of vi	" 2
✓		"	99653	a	12-13	8-	more vi	" 3
✓	✓	5742	937351	259	12	8+	blurred vi + pf	" 2
✓	✓	5600	B1855	a	13+3	10+	a space between 13 th + next	" 3
✓	✓	548	B8861	19	11+	10		wt 3
✓		"	B42116	c	11-12	10-	meas'd before? ?	" 3
✓	✓	517	937386	58	11-12	10	PF	" 2
✓	✓	482	"	87	13-14	10+	~~PF~~	" 3
✓	✓	"	99895	b	"	10+	PF	" 1
✓	✓	517	910343	a	9+	9	PF	" 1
✓	✓	482	"	b	10-11	10	pf	" 2
✓	✓	517	916936	a	10	10	<u>PF</u>	" 1
✓	✓	482	937474	59	10	10+	" (E)	" 1
✓	✓	474	B37046	a	10-11	10	PF	" 1
✓		"	B23821	a	13-14	10+	Vf	" 4
✓	✓	441	919385	14	11+	10	PF wk vi	" 2
✓	✓	428	916948	6	12	10	PF	" 2
✓	✓	422	"	3	11-12	"	PF (E)	" 1
✓	✓	428	937318	b	12-13+	10+	hazy in vi	" 2
✓	✓	422	"	c	12+	10+	" " "	" 2
✓	✓	4674	B44013	9	13-14	8	more vi	" 3
✓		"	B17285	a	11+	9	PF	" 2
✓		"	B36129	a	13-14	10	more vi	" 3

✓	4671	938505	38	10	9	PF	WT1
✓	"	932902	a	10-11	9-	PF end of vi	"1
✓	"	932916	a	11	9	PF " " "	"1
✓	"	938518	a	11	10	" " " "	"1
✓	4591	937294	111	9	10+	"	"1
✓	"	938096	a	12	10+	PF much more vi	"2
✓	4503	9341863	a	10-11	9-	PF	"1
✓	"	933676	a	10	9	~~PF~~	"1
✓	4475	9311063	a	11-12	10	PF	"2
✓	4395	"	b	12-13	10	focus good more vi	"4
✓	"	936213	b	11-12	10	yellow plate pf	"2
✓	"	938367	b	12	9+	end of vi	"2
✓	4475	"	a	12-13	10-	" " "	"2
✓	"	9310084	a	11-12	9	PF	"2
✓	4395	"	b	13	9	more vi	"3
✓	4475	936453	a	12-13	9+	" "	"3
✓	"	9344025	a	13-14	9	" " PF	"2
✓	4395	"	b	13	9	" " "	"2
✓	4391	938499	a	10	10	<u>PF</u>	"1
✓	4189	9341795	a	14	10	more vi	"3
✓	"	9310075	a	12-13	8	pf	"2
✓	4081	938771	a	10-11	9+	PF	"1
✓	"	923105	a	9		~~PF~~	"1
✓	3749	922326	a	10	10	PF <u>meas'd before</u> ?	"2
✓	"	931388	a	11	10+	PF much more vi	"2
✓	"	937772	a	10	10-	PF	"1
✓	3506	931337	b	8-9	10	PF	"1
✓	3508	9322766	a	13+	10+	much more vi ^{WT3} <u>meas'd before</u> ^{P291}	"2
✓	3506	"	b	10	9	PF (not meas'd before) WT1	"1
✓	3508	938358	a	11-12	10	PF <u>meas'd before</u> ^{WT2}	"2

Jelly with pill	✓✓	2987	938658	21	10	10	PF	wt1
	✓	dit plate superposed	"	914651	a	9+	10	PF measid before ? wt1
	✓	"	917015	a	10-11	10-	PF	wt1
	✓✓	"	B2328	a	12-13	10+	mon vi	wt3
	✓	4802	938022	26	8	10	<u>PF</u>	wt0
	✓	"	920912	a	8	10	"	"P
	✓	"	B3168	a	11-12	10	PF	"1
	✓✓	5058	937235	88	10	10	PF	"0
	✓	"	B758	a	9-10	10	end of vi	"2
	✓✓	5086	938493	3	9	10	PF	"0
dit plate too	✓	"	B1705	a	13	10	end of vi	"2
	✓	"	938794	a	10	10	PF	"1
	✓✓	5105	938807	a	8-9	9	PF	"1
	✓	"	B2887	a	9-10	9-	PF end of vi	"1
	✓	"	B2715	a	11-12	10	end of vi	"2
	✓	"	B2956	a	13-14	10	"	"2
	✓✓	5132	938016	a	10	10	PF	"
	✓✓	5182	91706	a	9+	9	PF end of vi	"1
	✓	"	919321	a	9	9	"	"1
	✓✓	5188	B673	a	12+	8	end of vi	"2
	✓	"	B957	a	12	8+	"	"2
	✓	"	B2911	a	9	8+	" PF	"1
	✓	"	B1539	a	9	8	"	"1
	✓	"	938508	a	11-12	9	"	"1
	✓✓	5320	B1661	a	16	BD!!	no focus but v dense	wt4
	✓	"	93847	a	15	!!	"	wt4
	✓✓	5417	B43466	a	14-15	9	9 foc in vi mon vi	wt4
	✓✓	5467	B44240	15	13+	9	mon vi	wt3
	✓	"	B4482	a	12	10	end of vi	"2
	✓	"	"	a	13	10	PF	"2

✓	✓	5467	B37014	a	12+	9	pf more vi	wt3
✓		"	B44244	a	14+3	8	pf	"2
✓		"	B41757	20	13-14	10+	PF (best in vi) more vi	"2
✓	✓	5582	B8369	a	12-13	10	PF	wt2
✓		"	B8394	a	10	8	"	"1
✓		"	B41753	a	13	10	pf more vi	"2
✓		"	B41873	a	13	10	"	"2
✓		"	B43338	a	13-14	10	"	"2
✓	✓	5689	B5663	a	12+3	10	pf more vi	"2
✓		"	B4033	a	13-14	10	pf	"2
✓		"	B41760	a	11-12	10	pf	"2
✓	✓	6005	B11546	a	11-12	10	pf	"2
✓	✓	5944	B38618	a	12-13	30		"3
✓		"	B9684	a	12-15	30	PF	"2
✓	✓	5803	B44170	4	13-14	8		"3
✓		"	B42416	a	10	10	PF (E)	"1
✓		"	B6331	a	9-10	10	"	"1

For explanation of the weights assigned above (assigned after the completion of all measures), see Harw. Circ. 279.

