

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3759</u>	
Observer: <u>P. Berland</u>			Grating: <u>300</u>		Date: <u>5/31/95</u>	
PI: <u>Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	Clouds to N+W
11-20	FLAT			0	6s	
21	COMP			0	10s	Foghorn = 1100
22-26	SKY			0	2s	zenith ~7-25
27	COMP			↑	10s	
28-31	AGK2043928	05:45:20	+13:42:07	0	10s	
32	COMP			↑		
33-34	N44086B	12:28:00	+12:45:59	0	5m	
35	COMP			↑		
36	K05410707	10:56:46	+06:51:04.6	1	5m	
37	COMP			↑		
38	K054205110	10:56:51	+06:54:14	1	10m	H $\alpha$ et al!
39	COMP			↑		
40	K05490558	10:57:31	+05:41:52	1	4	
41	COMP			↑		
42	K11950458	11:19:30	+04:38:00	1	5m	* b/w on slit H $\alpha$
43	COMP			↑		
44	I-2758EW	11:19:24	+08:05:00	1	7m	E+W comps
45	COMP			↑		E+W comp - H $\alpha$
46	K11990747	11:19:54	+07:47:00	1	10m	H $\alpha$ ! @ pix 2180
47	K112010717	11:20:06	+07:47:00	1	10m	weak; H $\alpha$ @ pix 280 again
48	COMP			↑		
49	K112380312	11:23:48	+03:12:00	1	10m	H $\alpha$ pix 2217
50	COMP			↑		delay @ 48"
51	I-2830	11:24:48	+08:05:00	1	10m	
52	COMP			↑		
53	K112560517	11:25:36	+08:17:00	1	7m	H $\alpha$
54	COMP			↑		
55	K112570407	11:25:42	+04:37:00	1	4m	
56	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>P. Berland</u>		Grating: <u>300R</u>			Page: <u>3760</u>	
PI: <u>Huchra &amp; Geller</u>		Date: <u>5/3/85</u>				
Number	Object	R. A.	Dec.	L/R	Exp	Comments
57	11272p0446	11-27-12	+04-46-60	1	7m	He clouds! ; <sup>wide</sup> <sub>position</sub> <sub>curve</sub>
58	11278p0443	11-27-48	+04-43-60	1	7m	He
59	COMP			↑		
60	12350m048	12-35-54	-03-18-47	1	5m	also 36273 survey
61	COMP			↑		brood He Sy!
62	12521p0222	12-52-084	+02-22-287	1	5m	He
63	COMP			↑		wind picking up
64	13045m0051	13-04-31.55	-00-54-3568	1	5m	He
65	COMP			↑		
66	13064m0325	13-06-23.73	-03-24-26	1	3m	star; star to W
67	COMP			↑		
68	13063m0031	13-06-21.32	-00-32-071	1	3m	
69	COMP			↑		
70	13133m0328 S	13-13-19.11	-03-28-34.7	1	5m	South Camp
71	13133m0328 N	13-13-19	-03-28-34	1	4m	North He
72	13134m0323	13-13-22.4	-03-23-25	1	3m	
73	COMP			↑		
74	13146m0156	13-14-36.9	-01-56-688	1	5m	
75	COMP			↑		
76	13149m0255	13-14-53.7	-02-54-5505	1	10m	star to Edgal of He
77	COMP			↑		
78	327.029939	15-05-44.47	+28-05-28.1	3	5m	
79	COMP			↑		
80	327.030779	15-21-17.08	+28-11-18.7	3	5m	
81	COMP			↑		
82	327.031523	15-04-23.85	+28-14-375	3	5m	
83	COMP			↑		
84	327.031813	15-19-58.57	+28-17-25.6	3	5m	
85	COMP			↑		
86	327.031920	15-21-30.45	+28-17-34	3	5m	

very  
diff to  
explain

## 60 inch Telescope Log

Observer: P. BarthelPI: GelkerSpectrograph: FASTGrating: 3002Page: 3761Date: 5/31/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
87	COMP			↑		
88	327.032702	15:19:0242	+28:20:291	3	5m	
89	COMP			↑		
90	327.032708	15:24:0847	+28:19:589	3	5m	Same run again Hk
91	COMP			↑		
92	327.032906N	15:05:1689	+28:20:122	3	7m	g <sup>o</sup> -W comp on slit also
93	COMP			↑		g <sup>o</sup> -South comp (not done)
94	327.033237	15:25:1326	+28:21:318	3	5m	
95	COMP			↑		
96	327.033314	15:05:1247	+28:21:473	3	5m	
97	COMP			↑		
98	327.033338	15:15:0854	+28:23:37	3	7m	
99	COMP			↑		
100	327.033471	15:05:5865	+28:22:54	3	4m	
101	COMP			↑		
102	327.033484	15:22:2468	+28:22:51	3	5m	Hk!
103	COMP			↑		
104	327.034303	15:15:2109	+28:26:345	3	6m	
105	COMP			↑		
106,111	327.034567	15:09:0663	+28:26:476	3	7m	Hk weak x2
107,112	COMP			↑		
108,110	327.034792	15:04:2469	+28:26:085	3	5m	comp on slit to W x2
109	COMP			↑		+ star on slit to E
113	327.035025	15:25:317	+28:2744	3	5m	
114	COMP			↑		
115	327.035187	15:19:459	+28:29:613	3	5m	
116	COMP			↑		
117	327.035190	15:13:0222	+28:27:32	3	6m	
118	COMP			↑		
119	327.036166	15:24:676	+28:31:572	3	5m	

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>3762</u>		
Observer: <u>P. Barlow</u>		Grating: <u>300R</u>				
PI: <u>Falko Huchra</u>		Date: <u>5/31/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
120	COMP			↑		
121	4C6229	17:45:58.1	+62:27:55.8	31	15m	nice sky, rotated to +21
122	COMP			↑		QSO + star
123	RXJ17381p6006B	17:38:03.2	+60:06:13.7	1	4m	
124	COMP			↑		
125	RXJ1747p6835D	17:47:08.8	+68:35:39.3	1	5m	gal
126	RXJ17471p6835C	"	"	1	5m	Seyfert!
127	RXJ17471p6835B	"	"	1	5m	
128	RXJ17471p6835A	"	"	1	5m	
129	COMP			↑		
130	RXJ17472p4513	17:47:11	+45:13:10	1	10m	gal; v2 50,000 km/sec
131	RXJ17472p4513	"	"	1	10m	
132	COMP			↑		rock-steady seeing! C <sub>1</sub>
133	RXJ17535p4937B	17:53:32.3	+49:37:19.7	1	10m	QSO!
134	COMP			↑		
135	3C 3903	18:45:37.6	+79:43:06	6	5m	
136	COMP			↑		twilight
137	RXJ1708p602	17:08:35.5	+60:13:52	6	3m	
138	COMP			↑		
139	NEP3510B	17:56:01.6	+67:00:37	1	4m	
140	COMP			↑		
141	RXJ17574p771K	17:57:25.2	+77:31:05.9	1	3m	C <sub>1</sub> plus comp to W + E
142	COMP			↑		
143	NEP3360E	17:54:51	+64:48:8	1	5m	emission line galaxy
144	COMP			↑		
145,146	A7331	22:34:46.9	+34:09:43	0	2m	nucleus
147	COMP			↑		
148-152	HD 68856	20:44:50	+47:31:07	0	5s	
153	COMP			↑		
154-163	BIAS			0	0s	
164-173	FLAT			0	6s	
174-177	DARK			0	15m	

summed 106 + 111 = 0611  
 summed 108W + 110W = 0810W

602 670 6739

TOTAL P.05

P.05