

60 inch Telescope Log

Observer: CALKINS

PI: All, Andra,

Spectrograph: FAST

Grating: 300L

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Date: 11/14/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-8	DARK				15m	
9-18	BIAS				0s	
19-28	FLAT				6s	
29-38	BIAS				0s	
39-48	FLAT				12s	
49	BDP2842U	21 51	28 51	#56	45s	
50	comp			↑		
51	N7469	23 03	08 52	#6	2.5m	Binby 2, star east
52	comp			↑		
53	MRK509	20 44	-10 43	#6	3m	
54	comp			↑		
55	3C390.3	18 41	79 45	#6	10m	
56	comp			↑		
57	2M232749.7p	23 27	15 06	#68	10m	
58	comp			↑		
59	2M232054.0p	23 20	21 06	#68	2.5m	stellar?
60	comp			↑		
61	2M232332.6p	23 23	13 44	#68	5m	
62	comp			↑		
63	2M231331.2p	23 13	21 11	#68	20m	
64	comp			↑		
65	2M231731.6p	23 17	19 11	#68	10m	
66	comp			↑		
67	2M232130.1p	23 21	15 26	#68	5m	
68	comp			↑		
69	2M232029.6p	23 20	12 04	#68	15m	
70	comp			↑		
71	2M232453.7p	23 24	20 30	#68	4m	
72	comp			↑		
73	2M231121.7p	23 11	20 00	#68	10m	

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PI: <u>Huchra, Kirshner, Korany</u>							
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
74	comp			↑			
75	2M231208.5p	23 22	22 49	#68	5m		
76	comp			↑			
77	2M235958.5p	00 00	28 16	#68	15m		
78	comp			↑			
79	2M231859.0p	23 14	21 09	#68	20m		
80	comp			↑			
81	2M233941.7p	23 39	20 11	#68	20m		
82	comp			↑			
83	2M232216.2p	23 22	21 06	#68	10m		
84	comp			↑			
85	2M231706.4p	23 17	21 28	#68	5m		
86	comp			↑			
87	2M232252.9p	23 22	17 29	#68	20m		
88	comp			↑			
89	2M232237.0p	23 22	16 28	#68	10m		
90	comp			↑			
91	2M232257.6p	23 23	15 05	#68	5m		
92	comp			↑			
93	sn1998ef	01 03	52 13	#2	15m	galaxy to the west	
94	comp			↑			
95	sn1998es	01 37	05 52	#2	10m		
96	comp			↑			
97	PG 0205 p134	2 08	13 36	#56	4m		
98	comp			↑			
99	3.089	3 01	42 51	#35	15m	star east, binby 2	
100	comp			↑			
101	3.089	2 52	40 30	#35	20m	galaxy west, binby 2	
102	comp			↑			
103	3.089	2 52	43 07	#35	20m	galaxy west, binby 2	

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PI: Kosanyi, Geller, Garcia

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
104	comp			↑		
105	3.090	2 59	42 13	#35	20m	
106	comp			↑		
107	3.091	2 57	40 15	#35	12m	one star to the east
108	comp			↑		
109	3.092	2 49	42 11	#35	20m	two stars to the east
110	comp			↑		
111	045520p0136	4 55	1 35	#64	8m	
112	comp			↑		
113-115	CICam	4 19	55 59	#102	5,20,80	
116	comp			↑		
117	045524p0243	4 55	5 43	#64	20m	gal to east, binby 2
118	comp			↑		
119	045551p0231	4 55	2 31	#64	20m	
120	comp			↑		
121	045552p0258	4 55	7 00	#64	20m	bright star to the east, binby 2
122	comp			↑		
123	045553p0256	4 55	2 56	#64	12m	star west
124	comp			↑		
125	045600p0238	4 56	2 38	#64	20m	
126	comp			↑		
127	045605p0149	4 56	1 49	#64	12m	
128	comp			↑		
129	045620p0136	4 56	1 36	#64	15m	
130	comp			↑		
131	045623p0636	4 56	6 36	#64	17m	
132	comp			↑		
133	045626p0301	4 56	3 01	#64	15m	
134	comp			↑		
135	045631p0607	4 56	6 08	#64	12m	

107 - spectrum in stellar  
 but there is emission at C2 = 16891 + it  
 looks red in the 2d spectral image

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PI: <u>Geller, Kenyon, Kirchner</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
136	comp			↑		
137	045652p0247	4 56	2 47	#64	5m	
138	comp			↑		
139	045657p0647	4 56	6 49	#64	10m	
140	comp			↑		
141	045702p0620	4 57	6 20	#64	8m	
142	comp			↑		
143	BGGem	6 03	27 42	#100	5m	Birby 2
144	comp			↑		
145-147	sn19985	11 46	47 28	#2	20m	
148	comp			↑		
149	Feige 34	10 39	43 05	#80	2m	
150	comp			↑		
151-155	sky	zenith		#57	10s	
156	comp			↑		
157-166	BIAS				0s	
167-176	FLAT				6s	
177-186	BIAS				0s	
187-196	FLAT				12s	
197-206	DARK				15m	