

60 inch Telescope Log

Observer: P. Berlind  
 PI: J. Huchra

Spectrograph: FAST  
 Grating: 300L, 3"  
 Date: 6/6/94

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| Number | Object     | R. A.      | Dec.      | L/R  | Exp  | Comments                    |
|--------|------------|------------|-----------|------|------|-----------------------------|
| H10    | B7AS       |            |           |      | 0s   |                             |
| 11-20  | FLAT       |            |           |      | 0.1s |                             |
| 21     | N4151      | 12:08:01   | +39:41:02 | 6    | 5m   | AGN                         |
| 22     | COMP       |            |           | ↑    |      | clear skies                 |
| 23     | F67        | 12:39:18.9 | +17:47:24 | 0/6  | 2m   |                             |
| 24     | COMP       |            |           | ↑    |      |                             |
| 25     | F34        | 10:36:41.2 | +43:21:50 | 16/7 | 2m   | 5" slit                     |
| 26     | COMP       |            |           | ↑    |      |                             |
| 27     | PG0953p414 | 09:53:48.3 | +41:29:58 | 16   | 15m  | sec Z = 1.4                 |
| 28     | COMP       |            |           | ↑    |      |                             |
| 29     | F34        | 10:36:41.2 | +43:21:50 | 16   | 2m   | sec Z = 1.3                 |
| 30     | COMP       |            |           | ↑    |      |                             |
| 31     | H241       | 13:21:19   | +36:23:39 | 16/7 | 2m   | sec Z = 1.01                |
| 32     | COMP       |            |           | ↑    |      |                             |
| 33     | Q1206p459  | 12:06:36.6 | +45:57:17 | 7    | 15m  | sec Z = 1.11                |
| 34     | COMP       |            |           | ↑    |      |                             |
| 35     | M421       | 11:01:40.6 | +38:28:43 | 1    | 5m   | for Trevor Weekes           |
| 36     | COMP       |            |           | ↑    |      |                             |
| 37     | PG1309p355 | 13:09:58.5 | +35:21:15 | 16   | 15m  | sec Z = 1.05                |
| 38     | COMP       |            |           | ↑    |      |                             |
| 39     | H241       | 13:21:19   | +36:23:39 | 16   | 2m   | 1.08                        |
| 40     | COMP       |            |           | ↑    |      |                             |
| 41     | Q1322p659  | 13:22:08.5 | +65:57:24 | 16   | 15m  |                             |
| 42     | COMP       |            |           | ↑    |      |                             |
| 43     | Q1322p659  | "          | "         | 16   | 15m  | sec Z = 1.28                |
| 44     | COMP       |            |           | ↑    |      |                             |
| 45     | PG1352p183 | 13:52:11.5 | +18:20:58 | 16   | 15m  |                             |
| 46     | COMP       |            |           | ↑    |      | delay til jumping off cords |
| 47     | PG1352p183 | "          | "         | 16   | 15m  | sec Z = 1.21                |
| 48     | COMP       |            |           | ↑    |      |                             |

M for S/N

## 60 inch Telescope Log

Observer: P. BerlindPI: J. HuchraSpectrograph: FASTGrating: 3002, 5"Page: 3024Date: 6/6/94

| Number | Object       | R. A.      | Dec.        | L/R | Exp | Comments     |
|--------|--------------|------------|-------------|-----|-----|--------------|
| 49     | H244         |            |             |     |     | $z=1.29$     |
| 50     | COMP         |            |             | ↑   |     |              |
| 51     | PG154Sp03S   | 15:45:54   | +03:32:03   | 16  | 5m  | std $z=1.16$ |
| 52     | COMP         |            |             | ↑   |     |              |
| 53     | Q1522p101    | 15:22:40   | +10:09:03   | 7   | 15m |              |
| 54     | COMP         |            |             | ↑   |     |              |
| 55     | Q1522p101    | "          | "           | 7   | 15m | 1.18         |
| 56     | COMP         |            |             | ↑   |     |              |
| 57     | PG154Sp03S   | 15:45:54   | +03:32:03   | 7   | 5m  | 1.23         |
| 58     | COMP         |            |             | ↑   |     |              |
| 59     | Q161Sp029    | 16:15:19   | +02:54:00.7 | 7   | 15m | 1.20         |
| 60     | COMP         |            |             | ↑   |     |              |
| 61     | Q161Sp029    | "          | "           | 7   | 15m | 1.23         |
| 62     | COMP         |            |             | ↑   |     |              |
| 63     | Q161Sp029    | "          | "           | 7   | 15m | 1.28         |
| 64     | COMP         |            |             | ↑   |     |              |
| 65     | Q161Sp029    | "          | "           | 7   | 15m | 1.31 - 1.36  |
| 66     | COMP         |            |             | ↑   |     |              |
| 67     | PG154Sp03S   | 15:45:54   | +03:32:03   | 7   | 5m  | 1.52         |
| 68     | COMP         |            |             | ↑   |     |              |
| 69     | Q1718p181    | 17:18:17.7 | +48:07:12.9 | 7   | 15m | 1.10         |
| 70     | COMP         |            |             | ↑   |     |              |
| 71     | Q1946p77     | 19:44:54.9 | +77:05:52.4 | 16  | 15m | 1.43 J2000   |
| 72     | COMP         |            |             | ↑   |     |              |
| 73     | Q1946p77     | "          | "           | 16  | 15m | 1.42         |
| 74     | COMP         |            |             | ↑   |     |              |
| 75     | 19330p8357   | 19:33:40   | +83:57:40   | 1   | 5m  | 3" slit ↓ FL |
| 76     | COMP         |            |             | ↑   |     |              |
| 77     | RX1722p3042A | 17:22:13.3 | +30:42:40   | 1   | 10m |              |
| 78     | RX1722p3042B | 17:22:13.3 | +30:42:40   | 1   | 5m  |              |

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Spectrograph: FAST

Grating: 3002

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Date: 6/6/94

| Number | Object        | R. A.      | Dec.         | L/R | Exp  | Comments   |
|--------|---------------|------------|--------------|-----|------|--|
| 79     | COMP          |            |              | ↓   |      |  |
| 80     | RX17222p2042C | 17:22:13.3 | +30:42:40    | 1   | 5m   |  |
| 81     | RX17222p3012D | 17:22:13.3 | +30:42:40    | 1   | 2m   |  |
| 82     | RX2200p2715A  | 22:00:41.2 | +27:15:23.8  | 1   | 2m   |  |
| 83     | RX2200p2715B  | 22:00:41.2 | +27:15:23.8  | 1   | 5m   |  |
| 84     | RX2200p2715D  | 22:00:41.2 | +27:15:23    | 1   | 5m   | star w/ galax slit                                     |
| 85     | COMP          |            |              | ↑   |      |  |
| 86     | RX2245p2637   | 22:45:05   | +26:37:58.4  | 1   | 2m   |  |
| 87     | COMP          |            |              | ↑   |      |  |
| 88     | J2243p122     | 22:43:09.8 | +12:22:42    | 3   | 5m   | H <sub>2</sub> <sup>changed</sup> number to 521.055728 |
| 89     | COMP          |            |              | ↑   |      |  |
| 90     | BIAS          |            |              |     | 0s   |  |
| 91-100 | FLAT          |            |              |     |      | 5" slit  |
|        |               | 91-100     | do NOT exist | on  | tape |  |