Table 2. Log of Spectroscopic Observations

UT Date (1)	JD (2400000+) (2)	Code (3)	Seeing (arcsec) (4)	Aperture (arcsec) (5)	P.A. (deg) (6)	Wavelength (Å) (7)	Res. (Å) (8)	File Name (9)
94 Jun 14	49517.8450	F	2.0	2.5x		4900-8400	8.0	c49517fe
94 Aug 30	49595.3892	G		2.0x14.1	90	4517-8500		c49594ga
94 Aug 30	49595.4112	G		2.0x14.1	90	4517-8500		c49594gb
94 Sep 01	49597.4350	D	2.8	3x11	90	6314-7496		c49596dr
94 Sep 04	49600.4360	D	3.0	3x11	90	6335-7541		c49599dr
94 Sep 08	49603.8008	A		5x7.5	90	4580-5640		c49603ab
94 Sep 27	49623.4740	D	1.9	3x11	90	6302-7508		c49622dr
94 Sep 29	49624.5849	H	0.6	2x10	dR	3620-7221	6.0	c49624he
94 Oct 04	49629.6634	A		5x7.5	90	4580-5640		c49629ab
94 Oct 10	49636.4440	D	2.6	3x11	90	4475-5773		c49635db
94 Oct 11	49636.7639	B	2.0	4x10	95	3140-8018	5-8	c49636bea
94 Oct 11	49636.7694	B	2.0	2x5.6	103	4240-6790	5-8	c49636beb
94 Oct 13	49639.4920	D	3.2	3x11	90	6310-7515		c49638dr
94 Oct 27	49653.3840	D	2.7	3x11	90	6357-7562		c49652dr
94 Nov 02	49658.5829	H	1.0	2x6	dR	3675-6736	6.0	c49658he
94 Nov 06	49663.0047	E	3.5	4x7.2	90	3500-7040	9.3	c49662ee
94 Nov 08	49665.3490	D	2.8	3x11	90	6302-7508		c49664dr
94 Nov 08	49665.4150	D	3.2	3x11	90	4409-5707		c49664db
94 Dec 06	49693.3160	G2	1.1	?x10		3754-8290		c49692g2
94 Dec 10	49697.3236	G2	1.1	?x10		3754-8290		c49696g2
95 Jan 10	49728.0348	E	3.5	4x7.2	90	3580-7190	9.3	c49727ee
95 Jan 12	49729.9777	E	3.5	4x7.2	90	3600-7190	9.3	c49729ee
95 Jan 15	49732.7681	I		1.62x6.5	90	4500-6133		c49732ib
95 Jan 16	49733.9736	E	2.5	4x7.2	90	3950-7740	9.3	c49733ee
95 Jan 26	49743.6298	D	2.0	3x11	140	6354-7550		c49743dr
95 Jan 27	49744.5875	D	3.1	3x11	125	4442-5711		c49744db
95 Feb 05	49753.6175	D	3.1	3x11	125	6312-7511		c49753dr
95 Feb 22	49770.9514	E	2.5	4x7.2	90	4000-7530	9.3	c49770ee
95 Feb 22	49771.1938	D	2.8	3x11	90	6372-7571		c49770dr
95 Feb 23	49772.2032	D	1.6	3x11	90	4478-5748		c49771db
95 Feb 24	49772.5964	D	2.7	3x11	90	6321-7520		c49772dr
95 Feb 25	49773.9602	E	3.0	4x7.2	90	3760-7710	9.3	c49773ee
95 Mar 03	49780.1112	E	3.0	4x7.2	90	3680-7650	9.3	c49779ee
95 Mar 07	49783.5321	D	3.4	3x11	125	6305-7484		c49783dr

Table 2—Continued

UT Date (1)	JD (2400000+) (2)	Code (3)	Seeing (arcsec) (4)	Aperture (arcsec) (5)	P.A. (deg) (6)	Wavelength (Å) (7)	Res. (Å) (8)	File Name (9)
95 Mar 09	49786.2043	E	2.5	4x8.4	90	3800-7700	9.3	c49785ee
95 Apr 25	49833.3576	J	1.6	3x3.6	1	3700-5497	13.	c49832jb1
95 Apr 25	49833.3785	J	1.2	3x3.6	1	3950-5747	13.	c49832jb2
95 May 07	49845.4846	D	2.0	3x11	125	6311-7507		c49844dr
95 May 22	49860.2963	E	4.0	4x12	90	3670-7550	9.3	c49859ee
95 May 22	49860.4986	J	2.8	3.6x3.6	80	4890-5458	4.0	c49859jb
95 May 23	49860.9113	C	2.0	3x3	90	3662-7540	6.0	c49860ce
95 May 24	49861.9325	C	140	3x	-41	3662-7540		c49861ce
95 May 24	49861.9660	B	1.5	4x10	170	3120-8038	7.0	c49861be
95 May 24	49862.4104	J	2.0	3.6x3.6	109	4890-5458	4.0	c49861jb
95 May 24	49862.4230	D	2.7	3x11	125	6314-7514		c49861dr
95 May 25	49862.9552	C	1.0	3x	90	3665-7540		c49862ce
95 May 25	49863.4008	D	2.7	3x11	125	4477-5747		c49862db
95 May 26	49863.9419	C	2.5	3x	90	3662-7540		c49863ce
95 May 27	49864.9423	A		5x7.5	90	4600-5700		c49864ab
95 May 27	49864.9610	C	4.0	3x	90	3662-7540		c49864ce
95 May 28	49865.9636	C	3.0	3x	90	3662-7540		c49865ce
95 May 29	49866.9564	C	2.0	3x	90	3665-7540		c49866ce
95 May 30	49867.9628	C	1.0	3x	0	3665-7540		c49867ce
95 May 30	49868.3486	J	1.8	3.6x3.6	153	4890-5458	4.0	c49867jb
95 May 31	49868.8473	K	1.6	2x7.2	90	4656-7411	7.3	c49868ake
95 May 31	49868.8626	K	1.6	2x7.2	90	4656-7411	7.3	c49868bke
95 May 31	49868.8776	K	1.6	2x7.2	90	4656-7411	7.3	c49868cke
95 May 31	49868.8925	K	1.6	2x7.2	90	4656-7411	7.3	c49868dke
95 May 31	49868.9107	A		5x7.5	90	4600-5700		c49868ab
95 Jun 01	49869.8677	K	1.0	2x7.2	90	4656-7411	7.3	c49869ake
95 Jun 01	49869.8827	K	1.0	2x7.2	90	4656-7411	7.3	c49869bke
95 Jun 01	49869.8977	K	1.0	2x7.2	90	4656-7411	7.3	c49869cke
95 Jun 01	49869.9131	K	1.0	2x7.2	90	4656-7411	7.3	c49869dke
95 Jun 01	49869.9523	C	1.0	3x	90	3665-7540		c49869ce
95 Jun 02	49870.9311	C	1.5	3x	90	3665-7540		c49870ce
95 Jun 02	49871.3986	D	2.2	3x11	130	6254-7460		c49870dr
95 Jun 03	49871.8498	F	2.0	2.5x		4650-7950		c49871fe
95 Jun 03	49871.9660	C	2.0	3x	90	3665-7540		c49871ce

Table 2—Continued

UT Date (1)	JD (2400000+) (2)	Code (3)	Seeing (arcsec) (4)	Aperture (arcsec) (5)	P.A. (deg) (6)	Wavelength (Å) (7)	Res. (Å) (8)	File Name (9)
95 Jun 04	49873.2845	E	3.0	4x12	90	3600-7650	9.3	c49872ee
95 Jun 04	49873.3906	D	3.3	3x11	130	6200-7409		c49872dr
95 Jun 05	49873.9183	C	1.0	3x	90	3665-7540		c49873ce
95 Jun 05	49874.3739	D	4.7	3x11	125	4439-5708		c49873db
95 Jun 06	49874.9065	A		5x7.5		4600-5700		c49874ab
95 Jun 06	49874.9551	C	2.0	3x	90	3665-7540		c49874ce
95 Jun 13	49881.9077	A		5x7.5	90	4600-5700		c49881ab
95 Jun 21	49889.8394	A		5x7.5	90	4600-5700		c49889ab
95 Jun 22	49890.8994	C	1.5	3x	90	3665-7540		c49890ce
95 Jun 22	49891.4687	D	2.9	3x11	125	6215-7420		c49890dr
95 Jun 23	49891.8952	C	1.5	3x	90	3665-7540		c49891ce
95 Jun 24	49892.8945	C	2.0	3x	90	3665-7540		c49892ce
95 Jun 25	49893.8866	C	2.0	3x	90	3665-7540		c49893ce
95 Jun 26	49894.8878	C	2.0	3x	90	3665-7540		c49894ce
95 Jun 27	49895.8210	A		5x7.5	90	4600-5700		c49895ab
95 Jun 27	49895.8256	C	2.0	3x	90	3665-7540		c49895ce
95 Jun 28	49896.7676	C	2.0	3x	90	3665-7540		c49896ce
95 Jun 29	49897.8146	C	2.0	3x	90	3665-7540		c49897ce
95 Jul 01	49899.7617	C	2.0	3x	90	3665-7540		c49899ce
95 Jul 03	49902.4240	D	3.3	3x11	125	6248-7453		c49901dr
95 Jul 04	49903.4175	D	3.1	3x11	125	4454-5724		c49902db
95 Jul 05	49903.8080	A		5x7.5	90	4600-5700		c49903ab
95 Jul 07	49905.8924	B	2.0	4x10	149	3180-9900	7-10	c49905be
95 Jul 12	49910.9200	A		5x7.5	90	4600-5700		c49910ab
95 Jul 19	49917.8554	A		5x7.5	90	4600-5700		c49917ab
95 Jul 21	49920.1925	E	3.0	4x10.3	90	4970-8400	9.8	c49919ee
95 Jul 25	49923.7768	A		5x7.5	90	4600-5700		c49923ab
95 Jul 25	49923.9569	B	1.0	4x10	109	3160-9908	7-8	c49923be
95 Jul 26	49924.6598	C	1.5	3x	90	3665-7540		c49924ce
95 Aug 01	49930.8465	B	1.3	4x10	143	3240-9908	7-8	c49930be
95 Aug 05	49935.3546	D	2.4	3x11	125	6215-7420		c49934dr
95 Aug 05	49935.4219	D	2.9	3x11	125	4365-5640		c49934db
95 Aug 06	49936.3639	D	1.8	3x11	125	6209-7418		c49935dr
95 Aug 06	49936.4499	D	1.9	3x11	125	4383-5658		c49935db

Table 2—Continued

UT Date (1)	JD (2400000+) (2)	Code (3)	Seeing (arcsec) (4)	Aperture (arcsec) (5)	P.A. (deg) (6)	Wavelength (Å) (7)	Res. (Å) (8)	File Name (9)
95 Aug 08	49937.7502	A		5x7.5	90	4580-5640		c49937ab
95 Aug 23	49953.3272	D	3.0	3x11	125	6241-7442		c49952dr
95 Aug 23	49953.4264	D	2.6	3x11	125	4395-5670		c49952db
95 Aug 24	49953.7819	A		5x7.5	90	4580-5640		c49953ab
95 Aug 24	49953.8465	B	3.0	4x10	136	3160-9248	7-10	c49953be
95 Aug 29	49958.7325	A		5x7.5	90	4580-5640		c49958ab
95 Aug 30	49960.1071	E	3.0	4x3.6	90	3560-7660	9.3	c49959ee
95 Sep 06	49966.7240	A		5x7.5	90	4580-5640		c49966ab
95 Sep 12	49972.7151	A		5x7.5	90	4580-5640		c49972ab
95 Sep 16	49976.6360	C	4.0	3x	90	3665-7540		c49976ce
95 Sep 19	49980.3121	D	3.1	3x11	125	6234-7439		c49979dr
95 Sep 19	49980.3791	D	3.3	3x11	125	4473-5748		c49979db
95 Sep 20	49980.6660	A		5x7.5	90	4580-5640		c49980ab
95 Sep 20	49981.2977	D	2.2	3x11	122	6235-7435		c49980dr
95 Sep 20	49981.4085	D	2.4	3x11	122	4478-5753		c49980db
95 Sep 21	49981.6743	C	2.0	2x	90	3665-7540		c49981ce
95 Sep 24	49984.6272	C		1x	90	3665-7540		c49984ce
95 Sep 25	49985.6617	C	1.5	3x	90	3665-7540		c49985ce
95 Sep 25	49985.6776	A		5x7.5	90	4580-5640		c49985ab
95 Sep 26	49986.7333	B	3.0	4x10	135	3240-9898	7-10	c49986be
95 Sep 26	49987.0581	E	3.0	2.5x9.6	90	3800-8090	9.3	c49986ee
95 Sep 28	49988.6776	C	2.0	3x	90	3665-7540		c49988ace
95 Sep 28	49988.6789	C	2.0	3x	90	3665-7540		c49988bce
95 Sep 29	49990.0695	E	3.5	3.5x9.6	90	3830-8190	9.3	c49989ee
95 Oct 05	49995.6190	A		5x7.5	90	4580-5640		c49995ab
95 Oct 12	50002.5925	A		5x7.5	90	4580-5640		c50002ab
95 Oct 12	50002.6656	H	0.9	1x	126	3200-6730	4.0	c50002hb
95 Oct 17	50007.6813	B	2.5	4x10	128	3230-9898	7-10	c50007be
95 Nov 30	50051.6229	B	2.0	4x10	100	3220-9698	7-10	c50051be
95 Dec 17	50068.5972	B	3.5	4x10	94	3220-9878	7-10	c50068be

Codes for Data Origin

A 1.8-m Perkins Telescope + Ohio State CCD Spectrograph
B 3.0m Shane Telescope + Kast Spectrograph
B 1.6-m Mt. Hopkins Telescope + FAST

Table 2—Continued

UT Date (1)	JD (2400000+) (2)	Code (3)	Seeing (arcsec) (4)	Aperture (arcsec) (5)	P.A. (deg) (6)	Wavelength (Å) (7)	Res. (Å) (8)	File Name (9)
D	2.6-m Shajn Telescope + CCD spectrograph							
E	2.16m Beijing Observatory + CCD spectrograph							
F	2.3m Steward Observatory + B&C Spectrograph							
G	2.2m Calar Alto Observatory + CCD spectrograph							
H	4.5m MMT Observatory + CCD spectrograph							
I	INT 2.5m Canary Island Observatory, La Palma							
J	6.0m Special Astrophysical Observatory + UAGS and MPFS spectrograph							
K	2.7m McDonald Observatory + LCS Po							