TABLE 8

LINE ABUNDANCES OF HR 3273

Code	Species	Mult.	λ(Å)	log gf	Ref.	W_{eq}	log(N/N_T)	Code	Species	Mult.	λ(Å)	log gf	Ref.	W_{eq}	log(N/N_T)
6.01	C II	4	3918.97	−0.53	WF	19	−3.72	24.01	Cr II	31	4261.91	−1.53	KX	46	−5.40
6.01	C II	4	3920.68	−0.23	WF	30	−3.49	24.01	Cr II	31	4275.57	−1.70	KX	42	−5.36
8.00	O I	12	5330.73	−0.87	WF	22	−3.22	24.01	Cr II	44	4554.99	−1.38	MF	47	−5.42
12.00	Mg I	2	5183.60	−0.16	WS	6	−5.17	24.01	Cr II	39	4565.74	−2.11	MF	25	−5.36
12.01	Mg II	10	4390.57	−0.53	WS	23	−5.14	24.01	Cr II	44	4588.20	−0.63	MF	79	−5.05
12.01	Mg II	9	4427.99	−1.21	WS	6	−5.07	24.01	Cr II	44	4592.05	−1.22	MF	42	−5.72
13.01	Al II	2	4663.05	−0.28	FW	5	−6.80	24.01	Cr II	44	4616.63	−1.29	MF	43	−5.64
14.01	Si II	1	3853.66	−1.44	LA	50	−5.18	24.01	Cr II	44	4618.80	−1.11	MF	60	−5.22
14.01	Si II	1	3856.02	−0.49	LA	96	−5.10	24.01	Cr II	44	4634.07	−1.24	MF	55	−5.27
14.01	Si II	1	3862.59	−0.74	LA	90	−4.97	24.01	Cr II	30	4836.23	−2.25	MF	24	−5.31
14.01	Si II	3.01	4075.45	−1.40	SG	14	−4.85	24.01	Cr II	30	4848.23	−1.14	MF	51	−5.63
14.01	Si II	3.01	4076.78	−1.67	SG	13	−4.61	24.01	Cr II	30	4884.61	−2.08	MF	19	−5.63
14.01	Si II	3	4128.05	0.38	LA	120	−4.54	24.01	Cr II	190	4912.46	−0.95	KX	17	−5.53
14.01	Si II	3	4130.89	0.53	LA	91	−5.06	24.01	Cr II	43	5232.50	−2.09	KX	15	−5.67
14.01	Si II	5	5041.02	0.29	SG	60	−5.07	24.01	Cr II	43	5237.33	−1.16	MF	52	−5.42
15.01	P II	15	4602.07	0.74	WS	8	−5.97	24.01	Cr II	23	5246.77	−2.45	MF	20	−5.31
16.01	S II	44	4153.07	0.62	WS	11	−4.94	24.01	Cr II	23	5249.44	−2.43	KX	13	−5.54
16.01	S II	44	4162.66	0.78	WS	12	−4.99	24.01	Cr II	43	5274.96	−1.29	KX	48	−5.43
16.01	S II	9	4815.55	0.18	WM	9	−5.26	24.01	Cr II	43	5279.88	−2.10	MF	34	−5.05
16.01	S II	7	4925.34	−0.47	WS	7	−4.77	24.01	Cr II	43	5280.05	−2.01	KX	36	−5.08
16.01	S II	15	5014.04	0.03	KX	8	−4.99	24.01	Cr II	43	5308.44	−1.81	MF	25	−5.61
16.01	S II	39	5212.62	0.24	WS	6	−4.91	24.01	Cr II	43	5310.70	−2.28	MF	17	−5.39
16.01	S II	38	5320.72	0.46	WS	6	−5.08	24.01	Cr II	43	5313.59	−1.65	MF	33	−5.54
20.01	Ca II	1	3933.66	0.13	WM	212	−5.57	24.01	Cr II	43	5334.87	−1.56	KX	34	−5.59
21.01	Sc II	7	4246.82	0.24	LD	40	−8.03	25.00	Mn I	2	4030.75	−0.47	MF	15	−4.91
22.01	Ti II	34	3900.54	−0.45	MF	55	−6.38	25.00	Mn I	2	4033.06	−0.62	MF	19	−4.62
22.01	Ti II	34	3913.46	−0.53	MF	50	−6.50	25.00	Mn I	2	4034.48	−0.81	MF	9	−4.84
22.01	Ti II	31	3932.02	−1.78	MF	10	−6.49	25.00	Mn I	5	4041.35	0.29	MF	13	−4.69
22.01	Ti II	11	4012.38	−1.61	MF	35	−6.11	25.00	Mn I	28	4462.03	0.32	MF	9	−4.47
22.01	Ti II	87	4028.34	−1.00	MF	14	−6.69	25.00	Mn I	21	4762.37	0.42	MF	21	−4.19
22.01	Ti II	87	4053.82	−1.21	MF	22	−6.22	25.00	Mn I	16	4783.43	0.04	MF	7	−4.69
22.01	Ti II	105	4163.64	−0.40	MF	35	−6.34	25.01	Mn II	I	3859.21	−2.56	KX	11	−4.91
22.01	Ti II	20	4287.87	−2.02	MF	19	−5.91	25.01	Mn II	I	3878.99	−1.71	KX	40	−4.73
22.01	Ti II	19	4294.09	−1.11	MF	37	−6.33	25.01	Mn II	I	3917.32	−1.15	KX	29	−4.97
22.01	Ti II	41	4300.04	−0.77	MF	58	−5.97	25.01	Mn II	I	3930.95	−2.15	KX	13	−4.68
22.01	Ti II	41	4301.92	−1.16	MF	20	−6.70	25.01	Mn II	I	3952.42	−1.50	KX	12	−4.78
22.01	Ti II	41	4312.86	−1.16	MF	27	−6.49	25.01	Mn II	I	3986.58	−2.60	KX	14	−4.70
22.01	Ti II	41	4320.95	−1.87	MF	17	−6.07	25.01	Mn II	I	4000.05	−1.21	KX	26	−4.58
22.01	Ti II	51	4394.06	−1.59	MF	6	−6.86	25.01	Mn II	I	4081.44	−2.24	KX	28	−4.27
22.01	Ti II	19	4395.03	−0.66	MF	49	−6.41	25.01	Mn II	I	4087.91	−2.91	KX	7	−4.81
22.01	Ti II	61	4395.84	−2.17	MF	8	−6.14	25.01	Mn II	I	4136.90	−1.29	KX	59	−4.21
22.01	Ti II	61	4409.24	−2.64	KX	5	−5.90	25.01	Mn II	I	4140.44	−2.46	KX	17	−4.67
22.01	Ti II	115	4411.07	−1.06	MF	10	−6.25	25.01	Mn II	2	4174.32	−3.55	KX	44	−4.62
22.01	Ti II	40	4417.71	−1.43	MF	21	−6.39	25.01	Mn II	I	4184.45	−1.95	KX	22	−4.72
22.01	Ti II	19	4443.80	−0.70	MF	45	−6.50	25.01	Mn II	I	4200.27	−1.74	KX	32	−4.64
22.01	Ti II	19	4450.48	−1.45	MF	16	−6.58	25.01	Mn II	2	4205.38	−3.38	KX	51	−4.54
22.01	Ti II	31	4468.49	−0.60	MF	44	−6.60	25.01	Mn II	I	4240.39	−2.07	KX	25	−4.51
22.01	Ti II	115	4488.32	−0.82	MF	17	−6.18	25.01	Mn II	7	4244.25	−2.39	KX	33	−4.34
22.01	Ti II	31	4501.27	−0.75	MF	41	−6.56	25.01	Mn II	I	4251.73	−1.06	KX	52	−4.68
22.01	Ti II	50	4533.96	−0.77	MF	57	−5.97	25.01	Mn II	2	4260.46	−4.25	KX	15	−4.77
22.01	Ti II	41	4563.76	−0.96	MF	35	−6.46	25.01	Mn II	I	4377.74	−2.14	KX	20	−4.95
22.01	Ti II	82	4571.97	−0.53	MF	53	−6.19	25.01	Mn II	I	4393.38	−2.32	KX	15	−4.94
22.01	Ti II	59	4657.20	−2.15	MF	7	−6.23	25.01	Mn II	I	4403.51	−1.80	KX	11	−5.08
22.01	Ti II	92	4779.98	−1.37	MF	13	−6.28	25.01	Mn II	I	4478.64	−0.95	KX	40	−4.92
22.01	Ti II	82	4805.09	−1.10	MF	17	−6.39	25.01	Mn II	I	4497.94	−2.59	KX	9	−4.98
22.01	Ti II	14	4911.20	−0.34	MF	17	−6.65	25.01	Mn II	I	4503.20	−2.16	KX	15	−4.82
22.01	Ti II	86	5129.16	−1.39	MF	9	−6.53	25.01	Mn II	I	4689.55	−2.54	KX	11	−4.56
22.01	Ti II	86	5185.90	−1.35	MF	17	−6.24	25.01	Mn II	I	4702.73	−2.34	KX	10	−4.78
22.01	Ti II	7	5188.69	−1.21	MF	17	−6.52	25.01	Mn II	I	4717.26	−1.86	KX	15	−4.86
24.01	Cr II	167	3865.60	−0.78	KX	32	−5.84	25.01	Mn II	I	4730.40	−2.15	KX	40	−4.33
24.01	Cr II	130	3866.52	−2.07	KX	4	−5.86	25.01	Mn II	I	4749.11	−2.00	KX	16	−4.85
24.01	Cr II	129	3911.32	−2.06	KX	9	−5.56	25.01	Mn II	I	4764.73	−1.35	KX	62	−4.37
24.01	Cr II	183	3979.50	−0.73	KX	30	−5.79	25.01	Mn II	I	4791.78	−1.72	KX	29	−4.69
24.01	Cr II	183	4012.50	−0.89	KX	37	−5.44	25.01	Mn II	I	4806.82	−1.56	KX	46	−4.72
24.01	Cr II	19	4051.93	−2.19	KX	22	−5.80	25.01	Mn II	I	4830.06	−1.85	KX	25	−4.70
24.01	Cr II	19	4054.08	−2.48	KX	24	−5.46	25.01	Mn II	I	4839.74	−1.86	KX	19	−4.87
24.01	Cr II	26	4072.56	−2.41	KX	10	−5.76	25.01	Mn II	I	4842.32	−2.01	KX	25	−4.53
24.01	Cr II	165	4082.28	−1.23	KX	13	−5.99	25.01	Mn II	I	5102.52	−1.93	KX	27	−4.63
24.01	Cr II	26	4086.13	−2.42	KX	8	−5.83	25.01	Mn II	I	5177.65	−1.77	KX	44	−4.24
24.01	Cr II	26	4132.42	−2.35	KX	11	−5.73	25.01	Mn II	I	3902.36	−2.72	KX	13	−4.57
24.01	Cr II	162	4145.78	−1.16	KX	25	−5.66	26.00	Fe I	43	4132.06	−0.68	N4	4	−4.31
24.01	Cr II	26	4179.42	−1.77	KX	23	−5.84	26.00	Fe I	1146	5383.37	0.65	N4	3	−4.36