Table 1. Targets

Name	RA (J2000)	Dec	J	H	K_s	Sp.	Hα EW	Sample
2MASSI J0010325+171549	00:10:32.50	+17:15:49.2	13.88	13.18	12.81	M8.0	4.2	A
2MASSW J0016533+275534	00:16:53.37	+27:55:34.9	12.82	12.12	11.77	M6	7.2	B
2MASSW J0027559+221932[a]	00:27:55.91	+22:19:32.9	10.61	9.97	9.56	M8.0	6.1	B
2MASSW J0036159+182110	00:36:15.98	+18:21:10.2	12.44	11.56	11.02	L3.5	0.0	B
2MASSI J0104377+145724	01:04:37.70	+14:57:24.0	13.70	13.02	12.61	M8.0	2.9	A
2MASSI J0105190+140740	01:05:19.02	+14:07:40.9	13.59	12.92	12.55	M7.0	10.2	A
2MASSW J0109216+294925	01:09:21.69	+29:49:25.7	12.92	12.19	11.70	M9.5	0.0	B
2MASSW J0130058+172143	01:30:05.82	+17:21:43.8	13.66	12.98	12.58	M8.0	0.6	A
2MASSW J0130144+271722	01:30:14.46	+27:17:22.2	12.90	12.32	11.87	M6	5.2	B
2MASSW J0140026+270150	01:40:02.64	+27:01:50.6	12.51	11.82	11.44	M8.5	0.0	B
2MASSI J0149089+295613	01:49:08.96	+29:56:13.2	13.41	12.55	11.99	M9.5	11.0	B
2MASSI J0218591+145116	02:18:59.13	+14:51:16.2	14.18	13.58	13.25	M7.0	6.0	A
2MASSI J0220181+241804	02:20:18.16	+24:18:04.9	13.01	12.32	11.91	M6	5.0	B
2MASSI J0240295+283257	02:40:29.51	+28:32:57.6	12.62	11.99	11.62	M7.5	8.4	B
2MASSI J0253202+271333	02:53:20.28	+27:13:33.2	12.49	11.82	11.45	M8.0	16.0	B
LP 412-31	03:20:59.65	+18:54:23.3	11.74	11.04	10.57	M9.0	29.0	B
2MASSI J0330050+240528	03:30:05.07	+24:05:28.3	12.36	11.75	11.36	M7.0	30.7	B
2MASSI J0335020+234235	03:35:02.08	+23:42:35.6	12.26	11.65	11.26	M8.5	4.6	B
2MASSW J0350573+181806	03:50:57.36	+18:18:06.5	12.95	12.22	11.76	M9.0	0.0	B
2MASSW J0354013+231633	03:54:01.34	+23:16:33.9	13.12	12.42	11.97	M8.5	6.8	B
LP 415-20	04:21:49.56	+19:29:08.6	12.68	12.04	11.65	M7.5	4.4	B
LP 475-855	04:29:02.83	+13:37:59.2	12.67	11.98	11.64	M7.0	40.5	B
2MASSI J0746425+200032	07:46:42.56	+20:00:32.2	11.74	11.00	10.49	L0.5	0.0	B
2MASSI J0810586+142039	08:10:58.65	+14:20:39.1	12.71	12.04	11.61	M9.0	6.1	B
2MASSI J0818580+233352	08:18:58.05	+23:33:52.2	12.14	11.50	11.13	M7.0	9.5	B
2MASSI J0925348+170441	09:25:34.85	+17:04:41.5	12.60	11.99	11.60	M7.0	4.7	B
2MASSW J0952219-192431	09:52:21.91	-19:24:31.8	11.88	11.28	10.85	M7.0	9.3	B
LHS 2243	10:16:34.70	+27:51:49.8	11.95	11.29	10.95	M7.5	43.8	B
2MASSI J1024099+181553	10:24:09.98	+18:15:53.4	12.24	11.58	11.21	M7.0	4.4	B
2MASSW J1049414+253852	10:49:41.44	+25:38:52.9	12.40	11.75	11.39	M6	6.9	B
2MASSW J1108307+683017	11:08:30.79	+68:30:17.1	13.14	12.23	11.60	L1	7.8	C
LHS 2397a	11:21:49.25	-13:13:08.5	11.93	11.26	10.72	M8.5	15.3	B
2MASSW J1127534+741107	11:27:53.48	+74:11:07.9	13.06	12.37	11.97	M8.0	3.0	C

Table 1—Continued

Name	RA (J2000)	Dec	J	H	K_s	Sp.	Hα EW	Sample
2MASSW J1200329+204851	12:00:32.92	+20:48:51.3	12.85	12.25	11.82	M7.0	3.9	C
BRI 1222-1221	12:24:52.21	-12:38:35.3	12.56	11.83	11.37	M9.0	4.7	B
2MASSW J1237270-211748	12:37:27.05	-21:17:48.1	12.67	12.05	11.64	M6	8.3	B
LHS 2632	12:46:51.72	+31:48:11.1	12.26	11.59	11.23	M6.5	0.0	C
2MASSW J1300425+191235	13:00:42.55	+19:12:35.6	12.71	12.07	11.61	L1	0.0	C
2MASSW J1311391+803222	13:11:39.16	+80:32:22.2	12.81	12.14	11.71	M8.0	3.0	C
2MASSW J1336504+475131	13:36:50.46	+47:51:31.9	12.64	12.06	11.63	M7.0	5.0	C
2MASSW J1344582+771551	13:44:58.24	+77:15:51.3	12.88	12.27	11.83	M7.0	2.7	C
2MASSW J1403223+300755	14:03:22.34	+30:07:55.0	12.69	12.01	11.63	M8.5	18.7	C
2MASSW J1421314+182740	14:21:31.44	+18:27:40.5	13.21	12.43	11.93	M9.5	3.6	C
2MASSI J1426316+155701	14:26:31.61	+15:57:01.3	12.87	12.18	11.71	M9.0	1.2	C
2MASSW J1439283+192915	14:39:28.37	+19:29:15.0	12.76	12.05	11.58	L1	0.0	C
2MASSW J1444171+300214	14:44:17.17	+30:02:14.3	11.68	10.97	10.57	M8.0	7.4	C
2MASSW J1457396+451716	14:57:39.66	+45:17:16.8	13.14	12.41	11.92	M9.0	5.5	C
2MASSW J1506544+132106	15:06:54.40	+13:21:06.0	13.41	12.41	11.75	L3	1.0	C
2MASSW J1543581+320642	15:43:58.14	+32:06:42.0	12.73	12.12	11.73	M6.5	5.2	C
2MASSW J1546054+374946	15:46:05.40	+37:49:46.1	12.44	11.79	11.42	M7.5	10.9	C
2MASSW J1550381+304103	15:50:38.19	+30:41:03.7	12.99	12.41	11.92	M7.5	13.7	C
2MASSW J1551066+645704	15:51:06.63	+64:57:04.6	12.87	12.15	11.73	M8.5	11.5	C
2MASSW J1553199+140033	15:53:19.93	+14:00:33.8	13.02	12.27	11.85	M9.0	8.7	C
2MASSW J1627279+810507	16:27:27.93	+81:05:07.9	13.04	12.33	11.87	M9.0	6.1	C
2MASSW J1635192+422305	16:35:19.20	+42:23:05.4	12.89	12.21	11.80	M8.0	2.1	C
2MASSW J1658037+702701	16:58:03.77	+70:27:01.7	13.31	12.54	11.92	L1	0.0	C
2MASSW J1707183+643933	17:07:18.31	+64:39:33.4	12.56	11.83	11.39	M9.0	9.8	C
2MASSW J1714523+301941	17:14:52.34	+30:19:41.0	12.94	12.28	11.89	M6.5	5.4	C
2MASSW J1733189+463359	17:33:18.92	+46:33:59.6	13.21	12.41	11.86	M9.5	2.4	C
2MASSW J1750129+442404	17:50:12.90	+44:24:04.5	12.79	12.17	11.76	M7.5	2.7	C
2MASSW J1757154+704201	17:57:15.40	+70:42:01.1	11.45	10.84	10.37	M7.5	3.0	C
2MASSW J2013510-313651	20:13:51.02	-31:36:51.3	12.67	12.06	11.67	M6	6.2	C
LHS 3566	20:39:23.81	-29:26:33.4	11.35	10.77	10.35	M6	0.0	C
2MASSW J2049197-194432	20:49:19.74	-19:44:32.5	12.87	12.24	11.77	M7.5	13.1	C
2MASSW J2052086-231809	20:52:08.61	-23:18:09.6	12.26	11.62	11.26	M6.5	5.8	C
2MASSW J2113029-100941	21:13:02.94	-10:09:41.0	12.86	12.22	11.81	M6	0.0	C

Table 1—Continued

Name	RA (J2000)	Dec	J	H	K_s	Sp.	Hα EW	Sample
2MASSW J2135146-315345	21:35:14.65	-31:53:45.9	12.81	12.12	11.76	M6	7.6	C
2MASSW J2140293+162518	21:40:29.32	+16:25:18.4	12.94	12.27	11.78	M8.5	0.0	C
2MASSI J2147436+143131	21:47:43.66	+14:31:31.8	13.84	13.13	12.65	M8.0	3.3	A
2MASSW J2147446-264406	21:47:44.62	-26:44:06.6	13.04	12.37	11.92	M7.5	3.9	C
2MASSW J2202112-110946	22:02:11.26	-11:09:46.0	12.36	11.71	11.36	M6.5	10.2	C
2MASSW J2206228-204705	22:06:22.80	-20:47:05.8	12.43	11.75	11.35	M8.0	5.6	B
2MASSI J2221531+115823	22:21:53.15	+11:58:23.0	13.30	12.68	12.30	M7.5	1.5	A
2MASSW J2221544+272907	22:21:54.43	+27:29:07.5	12.52	11.92	11.52	M6	3.6	B
2MASSW J2233478+354747	22:33:47.85	+35:47:47.8	11.94	11.30	10.88	M6	6.6	C
2MASSI J2234138+235956	22:34:13.88	+23:59:56.1	13.14	12.33	11.81	M9.5	4.4	B
2MASSI J2235490+184029	22:35:49.07	+18:40:29.8	12.46	11.83	11.33	M7.0	8.5	B
2MASSI J2255584+282246	22:55:58.45	+28:22:46.7	12.55	11.94	11.54	M6	5.2	B
2MASSW J2306292-050227	23:06:29.29	-05:02:27.9	11.37	10.72	10.29	M7.5	4.9	C
2MASSW J2313472+211729	23:13:47.29	+21:17:29.5	11.43	10.75	10.42	M6	6.0	B
2MASSW J2331016-040618	23:31:01.63	-04:06:18.6	12.94	12.29	11.93	M8.0	5.4	C
2MASSI J2334394+193304	23:34:39.44	+19:33:04.2	12.77	12.07	11.64	M8.0	22.6	B
2MASSI J2336439+215338	23:36:43.92	+21:53:38.7	12.76	12.10	11.71	M7.0	7.7	B
2MASSW J2347368+270206	23:47:36.80	+27:02:06.8	13.19	12.45	12.00	M9.0	3.0	B
2MASSW J2349489+122438	23:49:48.99	+12:24:38.8	12.62	11.95	11.56	M8.0	3.5	C
2MASSW J2358290+270205	23:58:29.00	+27:02:05.5	12.71	12.05	11.68	M6	5.9	B

[a]LP 349-25