This list contains all stars in the Revised AFGL Catalog with 4.2 micron magnitudes of -1.0 or brighter. In addition to their scientific merit, these stars are useful when setting up high resolution spectrometers to operate in the L and M bands. Name, HD, and HIP associations are from Simbad, when available. Simbad does not identify RAFGL 164, 401, 428, 654, 713, 851, 4478, 922, 1007, 1183, 1446, 4149, 4150, 4181, 4197, 1750, 2039, 5461, 2278, 2285, and 2456, but each has a bright, nearby counterpart listed in Gezari (1997). Simbad associates AFGL 5461 with HD 194114, but HD 167618 (Eta Sgr) seems more likely. RA, Dec, muRA, muDec, Plx, and V are preferentially from the Hipparcos catalog. Otherwise, Simbad coordinates are precessed to the Hipparcos epoch and equinox (1991.25), though the coordinate epoch is unknown in a few cases. The typical uncertainty for Hipparcos proper motions and parallaxes is about 1 milliarcsec (mas), so ignore the insignificant digit after the decimal point. Spectral types are preferentially from BSC, Simbad (MK field), Hipparcos, and then Simbad again (unattributed value given in header). Radial Velocities are preferentially from the Bright Star Catalog, GCRV (via Simbad), and then other Simbad data. Several sources are known radial velocity variables. R and I magnitudes are averages of all JP11 data from Simbad, when available. J, H, K, L, L′, and M data are averages of Gezari (1997) catalog data, when available. The RAFGL 4.2 micron flux is also from Gezari (1997). When many measurements are available for a given IR band, only those matching the nominal wavelength are used, except that all measurements in the range 4.4-4.5 microns were used for the L band, and 4.9 micron points were used if there were no 4.8 micron points. The 4.2 flux for AFGL 4197 was apportioned 70/30 between Alp1 Cen and Alp2 Cen, based on their L and M band magnitudes. Many of the sources are photometrically variable, especially at bluer wavelengths. Fewer digits in a magnitude may imply variability, rather than low measurement precision. In the case of pulsating variables, there are still too many significant figures in the tabulated magnitudes. Please send corrections to jvalenti@noao.edu.

Name	HD	HIP	AFGL	RA 1991.25	Dec 1991.25	muRA mas/yr	muDec mas/yr	Plx mas	SpType	RV k/s	0.56 V	0.67 R	0.87 I	1.25 J	1.65 H	2.20 K	3.45 L	3.80 L′	4.20 AFGL	4.80 M
YY Psc	224935	154	3197	00 01 57.59	-06 00 50.3	46.6	-41.3	7.9	M3III	-12	4.37	2.85	1.44	0.67	-0.25	-0.47	-0.64		-1.0	-0.46
T Cet	1760	1728	53	00 00 21 46.23	-20 03 28.8	62.6	-12.8	4.2	M5IIe	29	5.61			0.42	-0.48	-0.81		-1.15	-1.3	-0.94
T Cas	1845	1834	57	00 00 23 14.25	+55 47 33.3	20.8	-9.8	0.6	M6-9e	-12	8.8	5.0	1.8	0.48	-0.38	-1.11	-1.65		-1.7	-1.65
Bet And	6860	5447	164	01 09 43.80	+35 37 15.0	175.6	-112.2	4.4	M0+IIIa	3	2.07	0.81	-0.19	-0.86	-1.69	-1.86	-2.00	-2.03	-2.0	-1.76
V370 And	11979	9234	278	01 58 44.30	+45 26 06.9	39.5	1.4	7.6	M8		7.60			-0.1	-0.7	-1.1	-1.3		-1.5	-1.5
Omi Cet	14386	10826	318	02 19 20.79	-02 58 37.4	10.3	-239.5	7.8	M7IIIe+Bep	64	6.5	3.0	0.1	-1.6	-2.3	-2.6	-3.3	-3.2	-3.9	-3.8
RZ Ari	18191	13654	401	02 55 48.50	+18 19 54.0	-8.1	-14.9	8.1	M6-III	46	5.76	3.51	1.34	0.19	-0.75	-1.02	-1.18	-1.24	-1.4	-0.94
Alp Cet	18884	14135	419	03 02 16.78	+04 05 23.7	-11.8	-78.8	14.8	M1.5IIIa	-26	2.54	1.18	0.02	-0.51	-1.11	-1.62	-1.8		-2.0	-1.6
Rho Per	19058	14354	428	03 05 10.50	+38 50 25.9	128.7	-106.6	10.0	M4II	28	3.32	1.59	-0.03	-0.79	-1.76	-1.94	-2.13	-2.14	-2.5	-1.87
Tau4 Eri	20720	15474	475	03 19 30.97	-21 45 28.6	51.4	32.2	12.6	M3.5IIIa	42	3.70	2.12	0.66	-0.04	-0.98	-1.12	-1.36		-1.5	-1.08
BE Cam	23475	17884	520	03 49 31.29	+65 31 33.6	-2.5	-14.0	3.4	M2+IIab	-3	4.39	2.77	1.35	0.53	-0.34	-0.63			-1.0	
IK Tau			529	03 52 59.6	+11 22 48				M6e		13.39	7.29	3.20	1.55	0.12	-0.88	-1.86	-2.26	-1.7	-2.54
Gam Eri	25025	18543	537	03 58 01.73	-13 30 29.7	60.5	-111.3	14.8	M0.5III	62	2.97	1.68	0.68	0.06	-0.75	-0.92	-1.02	-0.8	-1.3	-0.7
V Eri	25725	19004	542	04 04 18.80	-15 43 30.4	-3.4	-13.8	4.6	M5-6IV	-3	8.56			0.82	-0.19	-0.59	-0.86		-1.1	-0.2
Alp Tau	29139	21421	601	04 35 55.20	+16 30 35.1	62.8	-189.4	50.1	K5+III	54	0.87	-0.37	-1.31	-1.88	-2.64	-2.84	-3.00	-2.98	-3.2	-2.78
Iot Aur	31398	23015	654	04 56 59.62	+33 09 58.1	3.6	-18.5	6.4	K3II	18	2.69	1.63	0.81	0.24	-0.55	-0.62	-0.79	-0.7	-1.0	-0.5
TX Cam			664	05 00 10	+56 10 33				M8.5		14.7	10.03	5.37	1.0	0.5	-0.4	-1.5		-1.9	-1.9
R Lep	31996	23203	667	04 59 36.34	-14 48 22.5	7.0	-2.5	4.0	C6IIe	32	8.08	4.87	3.40	2.0	0.7	0.0	-0.8	-0.7	-1.6	-1.0
W Ori	32736	23680	683	05 05 23.71	+01 10 39.5	3.9	-3.8	4.7	C6II	17	6.10	3.85	2.37	1.4	0.36	-0.27	-0.77	-0.5	-1.2	-0.50
RX Lep	33664	24169	702	05 11 22.85	-11 50 57.2	31.8	56.9	7.3	M6III	46	5.60			-0.14	-1.05	-1.35	-1.5	-1.67	-1.8	-1.40
Alp Aur	34029	24608	713	05 16 41.30	+45 59 56.5	75.5	-427.1	77.3	G5IIIe+G0III	30	0.08	-0.52	-0.96	-1.32	-1.73	-1.80	-1.90	-1.88	-2.1	-1.81
R Aur	34019	24645	715	05 17 17.69	+53 35 10.2	2.3	-14.7	2.4	M7IIIe	8	9.96					-0.94			-1.3	
CE Tau	36389	25945	767	05 32 12.75	+18 35 39.3	-0.3	-4.5	1.7	M2Iab-Ib	23	4.32	2.57	1.13	0.32	-0.60	-0.89	-1.23		-1.2	-0.70
			791	05 39 13.3	+46 45 30.4				M6					4.3	3.3	2.9	2.4		-2.0	1.4
Alp Ori	39801	27989	836	05 55 10.29	+07 24 25.3	27.3	10.9	7.6	M1-2Ia-Iab	21	0.45	-1.20	-2.48	-3.01	-3.90	-4.02	-4.39	-4.53	-4.3	-4.16
U Ori	39816	28041	837	05 55 49.18	+20 10 30.7	-13.6	-6.2	1.5	M6.5IIIe	-21	10.62			0.79	-0.07	-0.63	-1.36	-1.41	-1.6	-1.7
Pi Aur	40239	28404	851	05 59 56.10	+45 56 12.3	-2.4	-7.3	3.9	M3II	1	4.30	2.56	1.08	0.27	-0.61	-0.85	-1.08		-1.1	
Eta Gem	42995	29655	4478	06 14 52.70	+22 30 24.6	-62.5	-10.2	9.3	M3III	19	3.31	1.79	0.48	-0.32	-1.18	-1.40	-1.64	-1.59	-1.8	-1.47
Mu Gem	44478	30343	922	06 22 57.59	+22 30 49.9	56.8	108.8	14.1	M3IIIab	55	2.87	1.30	-0.08	-0.79	-1.68	-1.89	-2.03	-2.01	-2.2	-1.83
UU Aur	46687	31579	966	06 36 32.84	+38 26 44.0	-1.8	-21.4	1.8	C5II	12	5.40	3.32	1.89	0.90	-0.08	-0.66	-1.05		-1.3	-0.9
Alp CMa	48915	32349	1007	06 45 09.25	-16 42 47.3	-546.0	-1223.1	379.2	A1Vm	-8	-1.44	-1.46	-1.43	-1.37	-1.41	-1.34	-1.35	-1.35	-1.2	-1.32
	53917		1064	07 04 54.82	-35 55 35.1	60.	-14.		M6III					0.72	-0.20	-0.57		-0.90	-1.0	-0.64
VY CMa	58061	35793	1111	07 22 58.33	-25 46 03.2	9.8	0.8	1.8	M3-4II	49	8.08			1.96	0.45	-0.74	-2.66	-2.84	-3.0	-3.79
			4076																-3.4	
Bet Gem	62509	37826	1183	07 45 19.36	+28 01 34.7	-625.7	-46.0	96.7	K0IIIb	3	1.16	0.39	-0.11	-0.54	-1.01	-1.11	-1.20	-1.17	-1.4	-1.10
R Cnc	69243	40534	1241	08 16 33.83	+11 43 34.6	5.1	-11.7	-0.3	M7IIIe	32	7.04	5.25	2.23	0.5	-0.3	-0.6	-1.24	-1.19	-1.3	-1.04
RS Cnc	78712	45058	1326	09 10 38.81	+30 57 47.6	-9.4	-33.0	8.2	M6IIIase	14	6.04	3.06	0.73	-0.44	-1.38	-1.68	-1.92		-2.0	-1.8
Alp Hya	81797	46390	1353	09 27 35.25	-08 39 31.3	-14.5	33.2	18.4	K3II-III	-4	1.99			-0.36	-1.07	-1.21	-1.38		-1.5	-1.15
R LMi	84346	47886	1376	09 45 34.28	+34 30 42.8	3.7	-7.0	1.9	M6.5-9e	10	9.36	5.40	2.24			-0.6	-1.14		-1.3	-1.8
R Leo	84748	48036	1380	09 47 33.49	+11 25 44.0	-0.6	-42.7	9.9	M8IIIe	13	10.35	4.19	0.89	-1.13	-1.84	-2.50	-3.10		-3.1	-3.3
CW Leo	(IRC +10216)		1381											6.8	3.7	0.8	-2.8	-3.4	-3.5	-4.8
IY Hya			1406	10 16 34	-14 36 52									5.6	4.0	2.0	-0.2		-1.0	-1.0
U Hya	92055	52009	1427	10 37 33.25	-13 23 04.0	41.7	-37.8	6.2	C5II	-25	4.89	3.11	1.82	0.87	-0.22	-0.68	-1.20	-1.24	-1.4	-1.08

Name	HD	HIP	AFGL	RA 1991.25	Dec 1991.25	muRA mas/yr	muDec mas/yr	Plx mas	SpType	RV k/s	0.56 V	0.67 R	0.87 I	1.25 J	1.65 H	2.20 K	3.45 L	3.80 L′	4.20 AFGL	4.80 M
Eta Car	93308		4114	10 44 43.1	-59 38 17				peculiar	-25		4.90	4.41	3.27	2.44	0.97	-1.73	-1.89	-3.0	-3.38
VY Leo	94705	53449	1446	10 56 01.48	+06 11 07.4	-22.4	-5.5	10.0	M5.5III	-13	5.91	3.53	1.44	0.38	-0.51	-0.78	-0.98		-1.1	-0.6
R CrT	95384	53809	1450	11 00 33.87	-18 19 29.6	-27.5	-1.7	0.4	M7-8III		8.95			0.36	-0.72	-1.22		-1.69	-1.7	-1.5
Alp UMa	95689	54061	1454	11 03 43.84	+61 45 04.0	-136.5	-35.2	26.4	K0IIIa	-9	1.81	0.98	0.40	-0.01	-0.61	-0.65	-0.77		-1.0	-0.7
Eps Mus	106849	59929	4149	12 17 34.64	-67 57 38.4	-231.3	-26.4	10.8	M5III	7	4.06	2.26	0.52	-0.22	-1.24	-1.42	-1.62		-1.5	-1.28
BK Vir	108849	61022	1554	12 30 21.04	+04 24 59.4	-43.1	-27.0	5.7	M7		8.28			0.36	-0.56	-0.92	-1.21	-1.28	-1.4	-1.3
Gam Cru	108903	61084	4150	12 31 09.93	-57 06 45.2	27.9	-264.3	37.1	M3.5III	21	1.59	-0.03	-1.44	-2.14	-2.95	-3.12	-3.27	-3.33	-3.2	-3.05
Y UMa	110259	61839	1570	12 40 21.28	+55 50 47.6	-4.1	2.7	3.2	M7II-III		8.47					-0.53	-0.9		-1.2	-1.1
Y CVn	110914	62223	1576	12 45 07.83	+45 26 24.8	-2.2	13.0	4.6	C7I	12	5.42	3.34	1.93	0.83	-0.22	-0.80	-1.52	-1.49	-1.4	-1.12
Del Vir	112300	63090	1586	12 55 36.48	+03 23 51.4	-471.4	-52.8	16.1	M3+III	-18	3.39	1.85	0.52	-0.23	-1.07	-1.24	-1.40	-1.3	-1.5	-1.11
RT Vir	113285	63642	1594	13 02 37.96	+05 11 08.5	37.6	-18.0	7.2	M8III	+13	8.57			0.20	-0.74	-1.02	-1.42	-1.58	-1.6	-1.49
SW Vir	114961	64569	1606	13 14 04.41	-02 48 25.1	-34.5	-3.3	7.0	M7III	-15	7.06			-0.56	-1.36	-1.83	-2.05		-2.4	-2.06
R Hya	117287	65835	1627	13 29 42.82	-23 16 52.9	-60.7	11.0	1.6	M7IIIe	-10	6.40	2.64	0.16	-1.04	-1.67	-2.43	-2.97	-2.88	-3.2	-2.80
W Hya	120285	67419	1650	13 49 02.03	-28 22 03.0	-49.0	-59.6	8.7	M7e	42	7.46			-1.69	-2.63	-3.08	-3.72	-3.74	-3.9	-3.88
V806 Cen	120323	67457	4181	13 49 26.75	-34 27 02.3	-42.6	-59.9	18.4	M4.5III	41	4.19	2.06	0.19	-0.49	-1.40	-1.60	-1.85		-1.7	-1.48
R Cen	124601	69754	4191	14 16 34.33	-59 54 49.2	-10.3	-5.9	1.6	M5IIe	-20	7.18			0.91	-0.08	-0.66	-1.09		-1.1	-0.98
Alp Boo	124897	69673	1693	14 15 40.35	+19 11 14.2	-1093.4	-1999.4	88.8	K1.5III	-5	-0.05	-1.02	-1.67	-2.23	-2.93	-3.00	-3.14	-3.13	-3.1	-2.96
RX Boo	126327	70401	1706	14 24 11.61	+25 42 13.8	21.7	-49.7	6.4	M8IIIvar	-10	7.98			-0.9	-1.7	-1.90	-2.29		-2.3	-2.7
Alp1 Cen	128620	71683	4197	14 39 40.90	-60 50 06.5	-3678.2	481.8	742.1	G2V	-22	-0.01			-1.15	-1.44	-1.50		-1.6	-1.6	-1.47
Alp2 Cen	128621	71681	4197	14 39 39.39	-60 50 22.1	-3600.4	952.1	742.1	K1V	-21	1.35			-0.01	-0.54	-0.60		-0.7	-0.7	-0.56
Bet UMi	131873	72607	1740	14 50 42.40	+74 09 19.7	-32.3	11.9	25.8	K4-III	17	2.07	0.97	0.21	-0.45		-1.32			-1.5	
RR UMi	132813	73199	1744	14 57 35.12	+65 55 56.6	-78.3	32.5	8.2	M4.5III	7	4.63	2.73	1.02	0.17	-0.76	-1.00	-1.06		-1.4	-0.7
Sig Lib	133216	73714	1750	15 04 04.26	-25 16 54.7	-71.8	-44.7	11.2	M3-III	-4	3.25	1.74	0.45	-0.31	-1.22	-1.42	-1.59	-1.6	-1.5	-1.31
Tau4 Ser	139216	76423	1788	15 36 28.19	+15 06 05.0	-3.4	9.6	6.3	M5II-III	-26	6.51			0.20	-0.71	-1.05	-1.25	-1.38	-1.4	-1.1
X Her	144205	78574	5317	16 02 39.23	+47 14 24.7	-67.8	64.5	7.3	M6e	-92	6.52			-0.13	-1.15	-1.44	-1.64	-1.80	-1.6	-1.47
Del Oph	146051	79593	1837	16 14 20.77	-03 41 38.3	-45.8	-142.9	19.2	M0.5III	-20	2.73	1.46	0.43	-0.26	-1.07	-1.25	-1.38	-1.41	-1.5	
U Her	148206	80488	1858	16 25 47.48	+18 53 33.0	-16.8	-9.8	1.6	M7IIIe	-28	8.31			1.00	0.26	-0.31	-0.91		-1.3	-1.25
Alp Sco	148478	80763	1863	16 29 24.47	-26 25 55.0	-10.2	-23.2	5.4	M1.5Iab+B4Ve	-3	1.06			-2.73	-3.63	-3.79	-4.12		-4.1	-3.84
g Her	148783	80704	1864	16 28 38.52	+41 52 54.1	29.2	-5.5	9.0	M6-III	3	4.83	2.56	0.33	-0.82	-1.75	-2.02	-2.29		-2.4	-2.2
Alp1 Her	156014	84345	1947	17 14 38.86	+14 23 24.9	-6.7	32.8	8.5	M5Ib-II	-33	2.78			-2.21	-3.21	-3.16	-3.71	-3.70	-3.7	-3.43
Gam Dra	164058	87833	2039	17 56 36.38	+51 29 20.2	-8.5	-23.0	22.1	K5III	-28	2.24	1.08	0.23	-0.44	-1.16	-1.32	-1.46	-1.48	-1.6	-1.2
VX Sgr	165674	88838	2071	18 08 04.05	-22 13 26.6	3.5	-4.6	3.0	M5-6III		8.82	3.90	2.11	1.48	0.52	-0.34	-1.61		-1.9	-2.36
Eta Sgr	167618	89642	5461	18 17 37.73	-36 45 40.6	-129.3	-166.6	21.9	M3.5III	1	3.10	1.55	0.23	-0.43	-1.34	-1.57	-1.68	-1.7	-1.6	-1.41
X Oph	172171	91389	2213	18 38 21.13	+08 50 02.6	-13.8	27.1	-25.8	M6IIIe+K1III	-71	7.41			0.24	-0.70	-0.96	-1.34	-1.58	-1.3	-1.52
V821 Her			2232	18 41 31	+17 40 02				C					5.4	3.5	1.8	-0.4		-1.7	-1.7
Del2 Lyr	175588	92791	2278	18 54 30.29	+36 53 55.0	-6.7	3.3	3.6	M4II	-26	4.22	2.52	0.89	-0.06	-0.91	-1.21	-1.44		-1.5	-1.1
R Lyr	175865	92862	2285	18 55 20.09	+43 56 45.2	19.9	80.6	9.3	M5III	-28	4.08	2.00	0.08	-0.92	-1.80	-2.08	-2.28	-2.31	-2.3	-2.0
R Aql	177940	93820	2324	19 06 22.25	+08 13 48.6	5.2	-67.0	4.7	M7IIIe	32	7.61			0.48	-0.30	-0.76	-1.30		-1.4	-1.50
W Aql			2349	19 14 55.1	-07 03 46.4	30.	8.		S4.9	-18	10.			2.7	1.5	0.7	-0.4	-1.3	-1.6	-1.4
CH Cyg	182917	95413	2383	19 24 33.07	+50 14 29.3	-6.8	-19.8	3.7	M7IIIvar	-54	8.84			0.86	-0.17	-0.67	-1.34		-1.4	-1.53
Del Sge	187076	97365	2456	19 47 23.27	+18 32 03.3	-4.6	11.1	7.3	M2II+A0V	3	3.68	2.39	1.10	0.37		-0.79	-0.98		-1.1	
Chi Cyg	187796	97629	2465	19 50 33.94	+32 54 50.9	-23.6	-38.5	9.4	S6+/1e	-2	7.9	3.7	1.0	-0.4	-2.	-2.0	-2.7		-2.8	-2.9
V1943 Sgr	190643	99082	2508	20 06 55.23	-27 13 29.4	24.1	-45.2	1.8	M7-8III		8.05			0.06	-0.92	-1.34		-1.78	-1.7	-1.59
EU Del	196610	101810	2618	20 37 54.71	+18 16 06.4	36.2	61.2	9.2	M6III	-66	6.22			0.12	-0.77	-1.06	-1.31		-1.4	-1.2
V Cyg		102082	2632	20 41 18.28	+48 08 28.9	-6.4	-12.6	3.7	C7.4e	3	9.11			3.5	1.7	0.2	-1.2		-1.9	-2.1
V1489 Cyg	(NML Cyg)		2650	20 46 06	+40 05 00				M6IIIe		16.60	11.26	6.95	4.82	2.47	0.48	-1.82	-2.0	-2.3	-3.00
T Cep	202012	104451	2721	21 09 31.85	+68 29 27.6	-43.0	-45.1	4.8	M7IIIe	-12	7.37			0.3	-1.4	-1.5	-2.2		-2.0	-2.1
S Cep	206362	106583	2785	21 35 12.80	+78 37 28.2	9.3	1.3	2.4	C6II	-34	7.49			3.1	1.39	0.0	-1.58		-1.6	-1.72
Eps Peg	206778	107315	2800	21 44 11.14	+09 52 30.0	30.0	1.4	4.8	K2Ib	5	2.38	1.34	0.58	0.05	-0.62	-0.79	-0.94		-1.1	-0.67
Mu Cep	206936	107259	2802	21 43 30.45	+58 46 48.2	5.2	-2.9	0.6	M2-Ia	19	4.23	2.07	0.31	-0.55	-1.44	-1.71	-2.16	-2.27	-2.4	-2.09
EP Aqr	207076	107516	2806	21 46 31.83	-02 12 46.1	27.0	20.5	7.4	M8IIIvar	-37	6.52			-0.20	-1.18	-1.50	-1.77	-1.87	-1.9	-1.73
SV Peg	209872	109070	2845	22 05 42.08	+35 20 54.6	13.9	-8.8	5.1	M7	-1	8.79			0.77	-0.13	-0.53		-0.83	-1.1	
Pi Gru	212087	110478	4289	22 22 44.18	-45 56 52.5	27.9	-10.9	6.5	S5,7e	-20	6.42	3.18	0.54	-0.63	-1.74	-2.10	-2.58	-2.61	-2.5	-2.26
Bet Gru	214952	112122	4292	22 42 39.93	-46 53 04.4	135.7	-4.5	19.2	M5III	2	2.07	0.23	-1.43		-3.12	-3.22		-3.3	-3.3	-3.05
Bet Peg	217906	113881	3017	23 03 46.33	+28 04 56.8	187.8	137.6	16.4	M2.5II-III	9	2.44	0.92	-0.39	-1.12	-2.03	-2.22	-2.38	-2.43	-2.5	-2.19
W Peg	219946	115188	3075	23 19 50.50	+26 16 43.7	3.4	-3.1	3.5	M6-8e	-21	9.50			1.44	0.49	0.10	-0.60		-1.0	-0.5
R Aqr	222800	117054	3136	23 43 49.44	-15 17 03.9	33.0	-32.6	5.1	M7IIIpe	-22	8.69			0.36	-0.04	-1.06	-1.59	-1.82	-1.9	-1.93
TX Psc	223075	117245	3147	23 46 23.54	+03 29 12.7	-35.0	-25.0	4.3	C5II	11	4.95	3.17	1.82	0.82	-0.28	-0.60	-0.95	-1.15	-1.1	-0.88
R Cas	224490	118188	3188	23 58 24.79	+51 23 19.5	84.4	18.1	9.4	M7IIIe	21	4.80			-0.55	-1.5	-1.9	-2.4		-2.6	-3.1