Table 2. Li abundances for sample stars

IC 2602

star	Teff (K)	ΔTeff (K)	EW(Li) (mÅ)	log n(Li)$_{LTE}$	log n(Li)$_{NLTE}$	Δ log n(Li)
W79	5260	57	142 ± 5	2.3	2.4	0.14
R1	5050	89	204 ± 7	2.4	2.4	0.18
R8A	5930	86	178 ± 9	3.2	3.1	0.20
R15	4820	76	255 ±15	2.4	2.4	0.24
R24A	3780	100*	112 ± 8	0.3	0.3	0.2*
R26	3540	100*	≤ 100	—	—	—
R27	3830	100*	≤ 50	—	—	—
R30	3440	100*	≤ 80	—	—	—
R31	3480	100*	≤ 55	—	—	—
R32	3540	100*	≤ 60	—	—	—
R38	3330	100*	≤ 50	—	—	—
R39	3310	100*	≤ 80	—	—	—
R44	3630	100*	≤ 70	—	—	—
R50	3590	100*	≤ 50	—	—	—
R52	4580	53	262 ±11	2.1	2.2	0.18
R53B	3340	100*	—	—	—	—
R54A	4260	93	189 ±10	1.2	—	0.21
R57	3360	100*	≤ 100	—	—	—
R66	5560	174	173 ±10	2.8	2.8	0.3
R67	3540	100*	72 ±12	−0.3	—	0.24*
R70	5760	62	172 ±12	3.0	2.9	0.2
R73A	3340	100*	≤ 60	—	—	—
R77	3910	100*	≤ 30	—	—	—
R82	3330	100*	≤ 56	—	—	—
R93	3980	10	60 ±10	0.0	—	0.12
R96	4160	10	320 ±12	2.0	—	0.14

Asterisks indicate stars for which errors in Teff could not be directly estimated

IC 2391

star	Teff (K)	ΔTeff (K)	EW(Li) (mÅ)	log n(Li)$_{\mathrm{LTE}}$	log n(Li)$_{\mathrm{NLTE}}$	Δlog n(Li)
VXR3A	5590	100*	175± 16	2.9	2.8	0.27*
VXR6A	3690	34	$\leq$ 60	—	—	—
VXR7	6470	100*	116± 9	3.3	3.2	0.21*
VXR14	5780	106	162± 11	3.0	2.9	0.23
VXR16A	4970	73	302± 12	3.0	2.8	0.21
VXR18A	3990	25	55± 15	0.0	—	0.18
VXR30	6470	100*	109± 12	3.3	3.2	0.24*
VXR31	5630	100	182± 10	3.0	2.9	0.22
VXR44	6650	100*	71± 12	3.0	2.9	0.24*
VXR49B	3730	33	$\leq$ 50	—	—	—
VXR50A	5050	76	239± 13	2.6	2.6	0.22
VXR62A	4841	67	250± 15	2.4	2.4	0.23
VXR65	3820	30	$\leq$ 45	—	—	—
VXR67A	4750	63	255± 16	2.3	2.3	0.27
VXR69A	5080	77	251± 17	2.7	2.7	0.25
VXR70	5557	97	182± 10	2.9	2.8	0.22
VXR71A	3360	15	$\leq$ 70	—	—	—
VXR72	5257	85	225± 13	2.8	2.7	0.22
VXR76A	4343	43	204± 11	1.4	—	0.17
VXR77A	6150	120	90± 8	2.9	2.8	0.22
VXR78	5630	100	178± 10	2.9	2.8	0.22
VXR80A	4720	61	232± 34	2.3	2.2	0.37

Table 3. Li abundances for S89 sample

star	Teff (K)	ΔTeff (K)	EW(Li) (mÅ)	log $n(Li)_{LTE}$	log $n(Li)_{NLTE}$	Δ log n(Li)
SHJM 1	5590	95	160 ± 10	2.8	2.7	0.22
SHJM 2	5970	147	140 ± 10	3.1	2.9	0.27
SHJM 3	4480	166	130 ± 7	1.2	—	0.77
SHJM 6	5050	75	190 ± 11	2.3	2.4	0.20
SHJM 7	4380	36	≤ 50	≤ 0.39	—	—
SHJM 8	4020	98	90 ± 30	0.4	—	0.38
SHJM 9	4030	87	100 ± 30	0.4	—	0.37
SHJM 4	3558	20	≤ 50	≤ 0.	—	—
SHJM 5	3893	28	≤ 200	≤ 1.1	—	—
SHJM 10	3580	20	≤ 100	≤ 0.46	—	—

Table 5. Comparison of stars observed in different runs

star	EW(Li) (ESO '94) (mÅ)	Hα (ESO '94) (Å)	EW(Li) (CTIO) (mÅ)	Hα (CTIO) (Å)
R 15	259	+0.20	255	+0.2
R 66	186	−0.95	173	−1.0
R 70	168	−1.05	172	−1.2
star	EW(Li) (ESO '95) (mÅ)	Hα (ESO '95) (Å)	EW(Li) (CTIO) (mÅ)	Hα (CTIO) (Å)
R 24A	112	+3.0	107	+1.9
R 31	≤ 55	+4.0	≤ 70	+3.9
R 38	≤ 50	+4.9	≤ 100	+11.3

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Table 4. Recomputed Li abundances for R97

star	Teff (R97) (K)	(R97)	Teff (new) (K)	(new)
R 3	5080	2.74	5140	2.79
R 7	6750	> 2.97	6860	3.14
R 14	5080	2.58	5150	2.65
R 15	4900	2.55	4820	2.44
R 21	6430	3.18	6320	3.10
R 29	4440	1.76	4440	1.77
R 35	5770	3.12	5820	3.12
R 43	4840	2.99	4740	2.89
R 45	5810	2.87	5800	2.87
R 56	3910	≤ 0.65	3990	0.64
R 58	5850	3.26 (3.12)	5780	3.25 (3.06)
R 59	5240	3.09	5060	2.91
R 66	5730	2.97	5560	2.83
R 68	5110	2.77	4880	2.57
R 70	5700	2.85	5760	2.91
R 72	5890	3.19	5770	3.09
R 79	6750	>2.94	6730	3.02
R 83	5970	3.22	5770	3.07
R 85	6390	3.06	6390	3.06
R 89	4180	1.60	4180	1.61
R 92	5690	2.98	5630	2.93
R 94	3950	≤ 0.87	3903	0.77
R 95A	5080	2.99	5020	2.93