Appendix: Radial Velocities and Metal Abundances of RR Lyraes

Star	Period	Systemic Velocity (km s^{-1})			[Fe/H] (*)		
		This Work	Previous Work	sources	This Work	Previous Work	Sources
SW And	0.442279	-18±3	-21±2, -19±2	1, 6	-0.36	0.01, -0.13	1, 3
			-22±2, -24±5	8, 16		-0.38, -0.24	8, 9
						-0.06, -0.24	10, 11
AT And	0.616913	-227±10	-240±20	3	-1.14	-0.72, -1.32	3, 11
			-250±30	15			
			-228±5	16			
TY Aps	0.501692	90±3	129±14, 60±16	9, 17	-0.92	-1.21, -0.73	8, 12
						-1.50	13
XZ Aps	0.587434	202±3	203±24	9	-0.55	-1.57	8
BV Aqr	0.364048 (c)	-239±3			-1.18		
CH Aql	0.389187	21±10					
IN Ara	0.631491	110±20	115±33	9		-1.75	8
BH Aur	0.456088	66±15	49±5	16		0.14	11
RS Boo	0.377337	9±15	-4±2, -9±2	2, 4, 16	-0.31	-0.52, -0.38, -0.40	3, 4, 5
			-7±5			-0.38, -0.39, -0.33	7, 9, 11
AE Boo	0.314892 (c)	80±3	77±5	16	-1.18	-1.65, -1.34	2, 11
AQ Cnc	0.548518	378±30	390±20, 383±10	9, 16		-1.41, -1.53	6, 8
EZ Cep	0.378999 (c)	-76±30	-70±3	16		-0,01	11
RR Cet	0.553025	-74±3	-75±2, -75±2	1, 7	-1.31	-1.30, -1.10, -1.52	1, 3, 8
			-74±5	16		-1.38, -1.49	10, 11
U Com	0.292738 (c)	-25±3	16±30, -18±5	13, 16		-1.45, -1.10, -1.19	2, 3, 11
TV CrB	0.584611	-122±10	-156±48	9		-2.33	8
DX Del	0.472617	-54±10	-55±2, -57±2	8, 18	-0.39	-0.30, -0.54, -0.56	1, 3, 8
						-0.35	9
SU Dra	0.660419	-165±3	-167±2, -175±2	1, 5	-1.97	-1.94, -2.08, -1.60	1, 3, 5
			-168±5	16		-1.80, -2.00, -1.80	7, 9, 11
SW Dra	0.569670	-40±10	-29±2, -30±2	2, 6	-0.74	-1.08, -0.71, -0.81	1, 3, 4
			-27±5	16		-1.24, -1.28	8, 11
VZ Dra	0.321031 (c)	-12±15					
BC Dra	0.719576	-141±3	-160±26	9		-2.00	8
BX Dra	0.561192	-24±3	75±30	9		-0.45, -0.75	6, 8
CS Eri	0.311331 (c)	-147±10			-1.41		
XZ Gru	0.347410 (c)	7±3			-1.37		
XX Hya	0.507741	32±30	52±24, -10±35	9, 14	-1.22	-1.33, -1.11	8, 11
			95±10	16			
IK Hya	0.65	258±15			-1.24		
BX Leo	0.362860 (c)	-7±15	27±5	16		-1.36, -1.21	2, 11

Star	Period	Systemic Velocity (km s^{-1})			[Fe/H] (*)		
		This Work	Previous Work	sources	This Work	Previous Work	Sources
FW Lup	0.484171	3±3			-0.20	-0.25	13
TT Lyn	0.597438	-50±15	-67±2, -63±2	1, 4	-1.34	-1.49, -1.79, -1.53	4, 5, 11
			-65±2, -65±5	8, 16			
CN Lyr	0.411382	13±20	67±30, 27±5	9, 16	-1.10	-0.26, -0.38	8, 11
KX Lyr	0.440897	-35±10	-40±28, -60±30	9, 15	-0.41	-0.13, -0.46, -0.22	3, 8, 11
			-37±5	16			
VY Nor	0.375305 (c)	2±10			-2.01		
V455 Oph	0.453918	-45±20	-35±30, -32±5	9, 16		-1.42, -0.71	8, 11
DH Peg	0.255510	-68±3	-71±2	2	-1.35	-1.13, -1.22	2, 9
DZ Peg	0.607344	-289±10	-293±11	9	-1.21	-1.52, -1.26	8, 11
			-293±10	16			
VZ Peg	0.306486 (c)	-264±3	-258±10	16	-1.63	-1.98, -1.78	2, 11
AR Per	0.425549	8±15	5±2, 1±2, 3±5	1, 3, 16	-0.23	-0.61, -0.13, -0.43	1, 3, 8
						-0.29	11
V2232 Sgr		-17±15					
VW Scl	0.510915	53±10			-0.84		
VY Ser	0.714094	-148±3	-146±2, -145±2	2, 5	-1.53	-1.88, -1.90, -1.88	3, 5, 7
			-149±5	16		-1.82, -1.71, -1.90	8, 10, 11
AP Ser	0.254118 (c)	-85±3	-90±5, -92±5	5, 16	-1.62	-1.20, -1.51, -1.69	1, 2, 3
T Sex	0.324698 (c)	31±3	28±2, 35±2	1, 8	-1.27	-1.30, -1.50, -1.37	2, 9, 11
			29±5	16			
MT Tel	0.316899 (c)	56±10	62±10	10	-1.64	-2.04	2
SX UMa	0.307153 (c)	-153±3	-135±30, -156±5	13, 16	-1.63	-1.65, -2.06, -1.30	1, 2, 3
						-1.45	11
TU UMa	0.557659	96±3	84±2, 90±2	1, 8	-1.66	-1.55, -1.30, -1.51	1, 3, 5
			77±2, 101±5	12, 16		-1.53, -1.45, -1.57	7, 9, 11
AM Vir	0.615088	98±3	94±34, 105±35	9, 14	-1.30	-1.45	8

$*$ ΔS values from previous work have been transformed to [Fe/H] using [Fe/H] = $-0.13 - 0.195\Delta$S (Fernley & Barnes 1996). As discussed in the text, the uncertainty in the [Fe/H] values, both from previous work and this work, is typically ±0.13 dex.

Sources of mean radial velocities:
1: Liu & Janes (1990);**2:** Jones et al (1988); **3:** Hawley & Barnes (1985);**4:** Woolley & Ali (1966);**5:** Varsavsky (1960); **6:** Cacciari et al (1987);**7:** Burki & Meylan (1986); **8:** Barnes et al (1988); **9:** Layden (1994); **10:** Imbert (1980); **11:** Preston et al (1961); **12:** Saha & White (1990); **13:** Joy (1938); **14:** Joy (1949); **15:** Preston (1959); **16:** Fernley & Barnes (1997); **17:** Clube et al (1969); **18:** Meylan et al (1986); **19:** Oke (1966).

Sources of abundances:
1: Butler (1975); **2:** Kemper (1982); **3:** Preston (1959); **4:** Clementini et al (1991); **5:** Kinman & Caretta (1992); **6:** Smith (1990); **7:** Suntzeff et al (1991); **8:** Layden (1994); **9:** Lambert et al (1996); **10:** Clementini et al (1995); **11:** Fernley & Barnes (1997); **12:** Clube et al (1969); **13:** Lub (1979).