TABLE 1
SAMPLE OF EUV-SELECTED DA WHITE DWARFS

REJ	Other Names	V	$T_{\rm eff}$	$\log g$	$M/M_{\odot}$	Refs	Notes
0007+331[a]	GD 2	13.85	45653	7.77	0.57	1,2	
0134−160[a]	GD 984, PHL 1043	13.96	43722	7.70	0.54	1,2,9	DA+dM
0138+252	PG 0136+251	15.87	38964	9.00	1.22	1,1	peculiar
0148−253[a]	GD 1401	14.69	25707	7.70	0.50	1,2,6	NS, DA+dM
0235+034	Feige 24	12.56	62947	7.53	0.54	1,1,13	DAe+dM
0237−122[a]	PHL 1400	14.92	31570	8.38	0.85	1,2	
0348−005	GD 50	14.04	38881	8.97	1.17	1,2	
0350+171	V471 Tau	13.65	34200	8.80	1.12	1,1	DA+K0
0427+740[a]		15.9	47549	7.84	0.61	3,2	visual pair, 8″
0443−034[a]		16.9	65140	9.12	1.29	3,4	
0457−280[a]	MCT 0455−2812	13.95	50061	7.63	0.53	1,2	NS
0512−004[a]		14.2	31333	7.34	0.45	3,2	
0521−102[a]		15.81	32775	8.53	0.94	1,2	
0827+288	PG 0824+289	14.22	51934	8.00	0.70	1,1,12	DA+dC+M3V
0841+032[a]		14.47	37687	7.68	0.52	1,2	
0845+488	HD74389B	15.5:	39500	8.04	0.65	7,5	DA+A2V
0902−040[a]		13.19	22285	7.76	0.51	1,2	
0907+505[a]	PG 0904+511	16.54	31791	8.04	0.66	1,2	
0916−194[a]		17.3	56400	9.12	1.29	3,4	visual pair, 6.4″
0940+502[a]	PG 0937+506	16.0	35511	7.62	0.51	3,2	
0957+852[a]		15.4	50205	8.29	0.82	3,2	
1016−052		14.21	53827	8.08	0.65	1,1,4	DA+dM
1019−140[a]		14.93	31100	7.85	0.57	1,2	
1029+450[a]	PG 1026+454	16.13	35017	7.64	0.51	1,2	
1032+532[a]		14.45	42785	7.89	0.62	1,2	
1033−114	G 162−66, LTT 3870	13.01	23741	7.79	0.52	1,2	
1036+460[a]	GD 123	14.34	28720	7.95	0.61	1,2,10	DA+K
1043+490[a]		16.23	40461	7.87	0.60	1,2,14	visual pair, 8″
1043+445[a]	PG 1040+451	16.94	48000	7.98	0.63	3,4	
1044+574[a]	PG 1041+580	14.64	29878	7.73	0.52	1,2	
1100+713[a]	PG 1057+719	14.68	40328	7.75	0.55	1,2	
1112+240[a]	Ton 61	15.77	39281	7.71	0.53	1,2	
1122+434[a]	PG 1120+439	15.8	26152	8.23	0.75	3,2	
1126+183[a]	PG 1123+189	14.13	52747	7.69	0.56	1,2,10	DA+dM
1128−025[a]	PG 1125−026	15.73	30227	8.15	0.71	1,2	
1148+183[a]	PG 1145+188	14.33	24717	7.84	0.55	1,2	
1235+233[a]	PG 1232+238	17.4	45639	7.77	0.57	3,2	
1236+475[a]	PG 1234+482	14.38	55570	7.57	0.53	1,1	reclassified DB
1257+220[a]	GD 153	13.38	38324	7.71	0.53	2	
1316+295	HZ 43	12.99	49000	7.70	0.56	1,8	DA+dM
1336+694[a]	PG 1335+701	15.4	29067	8.27	0.78	3,2	
1426+500		13.6	29800	7.98	0.60	3,4,6	DA+MVe
1431+370[a]	GD 336	15.27	33988	7.86	0.58	1,2	
1440+750[a]		15.32	42400	8.54	0.96	3,4	
1446+632[a]		16.4	37340	7.72	0.53	3,2	

TABLE 1—*Continued*

REJ	Other Names	V	$T_{\rm eff}$	$\log g$	$M/M_{\odot}$	Refs	Notes
1629+780[a]		13.03	39882	7.88	0.61	1,2,11	DA+M4V
1638+350[a]	PG 1636+351	14.83	34879	7.90	0.61	1,2	
1643+411[a]	PG 1642+414	16.2	28240	8.15	0.71	3,2	
1650+403[a]		15.83	37698	7.90	0.61	1,2	
1659+440[a]	PG 1658+440	14.62	30510	9.36	1.31	3,5	magnetic DA
1711+664[a]		17.10	47994	8.78	1.09	1,2	visual pair, 2.5″
1726+583[a]	PG 1725+586	15.45	52413	8.14	0.75	1,2	visual pair, 6.7″
1800+683[a]	KUV 18004+6836	14.74	43868	7.74	0.56	1,2	
1820+580[a]		13.95	43296	7.70	0.54	1,2	
1845+682[a]	KUV 18453+6819	15.5	35599	8.15	0.72	3,2	
2116+735[a]	KUV 21168+7338	15.0	49777	7.65	0.54	3,2	
2126+192	IK Peg	6.07	...	...	...	...	DA+A8m
2207+252		14.58	26129	8.20	0.74	1,2	visual pair, 8.9″
2312+104[a]	GD 246	13.09	51950	7.76	0.59	1,2	

[a]New IR photometry presented in this work.

NOTES: NS means not in official sample, but may have optical fits in NGS99 and/or IR data. Visual pairs within 10″and $\Delta R = 3$mag are noted with separations.

REFERENCES: First reference is for V mag, 2d for $T_{\rm eff}$, $\log g$, and $M/M_{\odot}$; 3d if listed is for companion's spectral type and/or mass of previously known companion. If a multiple system has no third reference listed, it has several references available in SIMBAD. (1) - Marsh et al. 1997; (2) - NGS99; (3) - V from McCook and Sion; (4) - Vennes et al. 1997; (5) - Schmidt et al. 1992; (6) - FKB 1997; (7) - SIMBAD; (8) - Napiwotski, R. et al. 1993; (9) - Bues & Aslan 1995; (10) - Green, Schmidt & Liebert 1986; (11) - Catalàn et al. 1995; (12) - Green & Margon 1994; (13) - Vennes & Thorstensen 1994; (14) - Schwartz et al. 1995.

TABLE 2

SUMMARY OF OBSERVING RUNS

ID	UT date	Standard Stars used[a]	Standard Stars References[b]	Conditions
KP01	04 Jan 96	FS #6, #10, #19, LHS 254, LHS 325	1,2	Clear or light cirrus.
KP02	05 Jan 96	FS #10, #19, LHS 191, LHS 2347	1,2	Cirrus, but eventually very clear.
KP03	06 Jan 96	FS #2, #10, #19, LHS 2502	1,2	Heavy cirrus.
KP04	07 Jan 96	FS #15, #10, #19, LHS 191	1,2	High thin cirrus.
KP05	02 July 96	⋯	⋯	Cloudy, no data.
KP06	03 July 96	⋯	⋯	Cloudy, no data.
KP07	04 July 96	⋯	⋯	Cloudy, no data.
KP08	05 July 96	⋯	⋯	Cloudy, no data.
KP09	06 July 96	⋯	⋯	Cloudy, no data.
KP10	29 Oct 96	FS #1,#6, #9, #12, #15, #29, #31	1	Mostly clear.
KP11	30 Oct 96	FS #1, #10, #14, #29, GJ 1057, GJ 1002	1,2	Photometric.
KP12	20 Jan 98	⋯	⋯	Cloudy.
KP13	21 Jan 98	⋯	⋯	Fog. Telescope closed.
KP14	22 Jan 98	FS #2, #6, #21, #24, #18, #19	1	Clear.
KP15	09 May 98	FS #21, #23, #24, #27, #29, #33	1	Clear.
KP16	10 May 98	FS #16, #20, #21, #23, #35	1	Mostly clear with moderate haze.
KP17	11 May 98	FS #19, #21, #27	1	Hazy

[a]FS=UKIRT faint star

[b]STANDARD STAR REFERENCES: (1) - Casali & Hawarden 1992; (2) - Leggett 1992

TABLE 3
Summary of Target Observations

Target	Observing Runs	Notes[a]
0007+331	KP02, KP04, KP10	
0134−160	KP02, KP04,	
	KP10	jn3
0148−253	KP02, KP03, KP04	
0237−122	KP04,	
	KP10	kn9
0348−005	KP01, KP02, KP03, KP04,	
	KP11	jn3, kn3
0427+740	KP01, KP03, KP04,	
	KP14	kn9
0443−034	KP03,	
	KP11	jn9, kn9
0457−280	KP03, KP11	
0512−004	KP01, KP03, KP04, KP10,	
	KP14	jn9, kn9
0521−102	KP01, KP03,	
	KP10,	jn9, kn9
	KP14	kn9
0827+284	KP11	
0841+032	KP01, KP10,	jn9, kn9
	KP14	kn9
0902−040	KP01, KP04	
	KP10	kn9
0907+505	KP03, KP04, KP11, KP14,	jn9, kn9
	KP17	kn18
0916−194	KP02	jn9, kn9
0940+502	KP01,	jn9, kn9
	KP15,	jc1, kc1
	KP16,	jc2, jn9, kc2, kn9
	KP17	kc9, kn18
0957+852	KP02,	
	KP14,	kn9
	KP16,	jc2, jn9, kc2, kn9
	KP17	kc9, kn9
1019−140	KP02	
1029+450	KP02	
1032+532	KP01, KP04,	
	KP14	kn9
1033−114	KP01, KP02, KP03, KP04	
1036+460	KP02	
1040+451	KP15,	jc1, jn12, kc1, kn12
	KP16,	jc2, jn9, kc2, kn9
	KP17	kc12

TABLE 3—*Continued*

Target	Observing Runs	Notes[a]
1043+490	KP02,	
	KP14,	kn9
	KP15,	jc1, jn9, kc2, kn9
1044+574	KP02	
1100+713	KP02,	
	KP17	kn15
1112+240	KP16	jc2, jn9, kc2, kn9
1122+434	KP02,	
	KP16	jc2, kc2, kn9
1126+183	KP01, KP04	
1128−025	KP02,	
	KP16	jc1, kc1
1148+183	KP01, KP03	
1235+233	KP14,	kn9
	KP16,	jc2, jn9, kc3, kn9
	KP17,	kc12, kn9
1234+482	KP14	kn9
1257+220	KP01, KP02, KP03	
1336+694	KP03, KP04,	
	KP14,	kn9
	KP16	jc1, jn9, kc2, kn9
1431+370	KP03, KP04	
1431+370	KP10,	kn9
	KP16,	kn9,jn9,jc1,kc2
	KP17	kn9,kc12
1440+750	KP14,	
	KP16,	jc1, jn9, kc2, kn9
	KP17	kc12, kn9
1446+632	KP14,	
	KP16,	jc2, jn9, kc3, kn15
	KP17	kc12, kn9
1629+780	KP15	jc1, kc1
1638+350	KP15	jc1, kc1, kn9
1643+411	KP15,	jc1, jn9, kc2, kn9
	KP16,	jc2, jn9, kc3, kn15
	KP17	kc12, kn9
1650+403	KP15,	jc1, jn9, kc1, kn9
	KP16	jc2, jn9, kc2, kn9
1658+441	KP14,	
	KP15,	jc1, jn9, kc1, kn9
	KP16,	jc2, kn9, kc2, kn9
	KP17	kc12, kn9
1711+664	KP15	jc1, jn18, kc1, kn9
1726+583	KP15	jc1, jn9, kc1, kn9

TABLE 3—*Continued*

Target	Observing Runs	Notes[a]
1800+683	KP15,	jc1, jn9, kc1, kn9
	KP16,	jc2, jn9, kc2, kn9
	KP17,	kc12, kn9
1820+580	KP11,	
	KP15	jc1, jn9, kc1, kn9
1845+682	KP11,	
	KP15	jc1, jn9, kc1, kn9
2116+735	KP10, KP11,	
	KP15,	jc1, jn9, kc1, kn9
	KP16,	jc2, jn9, kc3, kn9
	KP17	kc12, kn9
2127−221	KP10	jn9, kn9
2207+252	KP15,	jc1, jn9, kc1, kn9
	KP17	
2312+104	KP02, KP03, KP04	
2353−243	KP10	jn9, kn9

[a]The number of 10sec co−adds per exposure in both J and K bands is nominally 6, and the number of dithered exposures is also 6, except as noted in the Notes.

NOTES:
XcY denotes that in the X bandpass the number of co-adds performed per exposure is Y (e.g., jc1 means 1 co-add per exposure in J band).
XnY denotes that in the X bandpass the number of combined dithered exposures is Y (e.g., kn9 means 9 dithered exposures combined in the K band).

TABLE 4
Observed and Predicted Magnitudes and Colors of DA White Dwarf Stars

RE Name	J	σ_J	K	σ_K	$(J-K)$	$\sigma_{(J-K)}$	M_V	$(V-K)_p$	J_p	K_p	Notes
				observed				predicted			
0007+331	14.62	0.02	14.82	0.07	−0.21	0.07	9.06	−0.72	14.33	14.57	
0134−160	12.95	0.01	12.21	0.01	0.74	0.01	9.00	−0.72	14.43	14.68	
0148−253	12.33	0.01	11.56	0.04	0.76	0.04	9.98	−0.60	15.08	15.29	
0237−122	15.74	0.06	15.93	0.12	−0.18	0.14	10.68	−0.68	15.36	15.60	
0348−005	14.80	0.06	14.66	0.52	0.14	0.52	11.46	−0.71	14.50	14.75	1
0427+740	15.64	0.03	15.62	0.12	0.02	0.12	9.13	−0.73	16.38	16.63	
0443−034	17.38	0.05	17.99	0.07	−0.61	0.08	11.23	−0.75	16.49	16.75	
0457−280	14.62	0.02	14.80	0.03	−0.18	0.03	8.69	−0.73	14.43	14.68	
0512−004	14.43	0.03	14.67	0.01	0.15	0.40	8.81	−0.67	14.63	14.87	
0521−102	16.76	0.20	17.13	0.13	−0.37	0.24	10.87	−0.69	16.26	16.50	
0550−240	16.93	0.10	17.28	0.41	−0.34	0.42	9.03	−0.73	17.18	17.43	
0841+032	15.17	0.02	15.49	0.01	−0.33	0.02	9.17	−0.70	14.93	15.18	
0902−040	13.70	0.01	13.90	0.05	−0.20	0.05	10.37	−0.53	13.54	13.72	
0907+505	17.16	0.10	17.54	0.64	−0.39	0.65	10.09	−0.68	16.98	17.22	
0916−194	13.94	0.02	13.64	0.04	0.36	0.10	11.36	−0.74	17.78	18.04	
0940+502	16.73	0.07	16.97	0.02	−0.24	0.07	9.14	−0.70	16.45	16.70	
0957+852	16.49	0.08	16.72	0.09	−0.23	0.12	9.87	−0.73	15.88	16.13	
1019−140	15.17	0.04	15.45	0.14	−0.28	0.14	9.82	−0.67	15.36	15.60	
1029+450	16.92	0.09	17.54	0.70	−0.62	0.71	9.20	−0.69	16.58	16.82	
1032+532	15.38	0.01	15.45	0.11	−0.07	0.11	9.35	−0.72	14.92	15.17	
1033−114	14.80	0.06	14.66	0.52	0.14	0.52	10.31	−0.56	13.38	13.57	
1036+460	12.62	0.04	11.89	0.09	0.72	0.10	9.95	−0.65	14.76	14.99	
1043+490	16.86	0.02	16.95	0.22	−0.10	0.22	8.40	−0.72	16.71	16.95	
1043+445	18.00	0.05	17.48	0.09	0.52	0.11	9.43	−0.73	17.42	17.67	
1044+574	15.32	0.04	15.73	0.17	−0.42	0.18	9.72	−0.66	15.06	15.30	
1100+713	15.51	0.10	15.78	0.17	−0.27	0.20	9.19	−0.71	15.14	15.39	
1112+240	16.37	0.21	16.51	0.55	−0.14	0.59	9.17	−0.71	16.24	16.48	
1122+434	16.12	0.05	16.39	0.34	−0.27	0.34	10.82	−0.61	16.20	16.41	
1126+183	12.74	0.09	12.04	0.10	0.70	0.14	8.47	−0.73	14.61	14.86	
1128−025	16.18	0.06	16.48	0.17	−0.30	0.18	10.38	−0.67	16.16	16.40	
1148+183	14.96	0.06	15.22	0.20	−0.26	0.20	10.31	−0.58	14.71	14.91	

TABLE 4—*Continued*

RE Name	J	σ_J	K	σ_K observed	$(J-K)$	$\sigma_{(J-K)}$	M_V	$(V-K)_p$	J_p predicted	K_p	Notes
1235+233	18.31	0.11	...	...	−2.36	0.28	9.06	−0.72	17.88	18.12	2
1236+475	14.91	0.06	14.90	0.16	0.01	0.17	8.37	−0.73	14.86	15.11	
1257+220	14.17	0.06	14.43	0.02	−0.26	0.05	9.21	−0.71	13.84	14.09	
1336+694	15.85	0.02	16.12	0.04	−0.28	0.04	10.66	−0.65	15.82	16.05	
1431+370	15.97	0.04	16.37	0.16	−0.40	0.17	9.65	−0.69	15.72	15.97	
1440+750	17.21	0.11	16.64	0.12	0.57	0.16	11.39	−0.70	15.77	16.02	
1446+632	16.77	0.11	17.77	0.07	−1.00	0.12	9.26	-0.70	16.86	17.10	
1629+780	10.96	0.03	11.19	0.04	−0.23	0.05	9.42	−0.71	13.49	13.74	
1638+350	15.55	0.11	15.57	0.64	−0.01	0.64	9.67	−0.70	15.28	15.53	
1643+411	16.86	0.10	17.46	0.05	−0.61	0.11	10.53	−0.64	16.62	16.84	
1650+403	16.60	0.08	16.86	1.05	−0.26	1.05	9.54	−0.71	16.29	16.54	
1658+441	15.47	0.10	15.68	0.02	−0.21	0.10	12.70	−0.67	15.06	15.29	
1711+664	15.02	0.01	14.19	0.18	0.83	0.18	10.84	−0.73	17.58	17.83	
1726+583	16.40	0.26	16.17	1.51	0.23	1.53	9.56	−0.73	15.93	16.18	
1800+683	15.54	0.04	15.87	0.04	−0.33	0.06	9.06	−0.72	15.21	15.46	
1820+580	14.07	0.04	13.42	0.01	0.65	0.04	9.01	−0.72	14.42	14.67	
1845+682	14.85	0.10	14.37	0.19	0.47	0.22	10.06	−0.70	15.95	16.20	
2116+735	15.54	0.01	15.93	0.06	−0.39	0.06	8.74	−0.73	15.48	15.73	
2207+252	14.34	0.08	14.06	0.22	0.28	0.23	10.77	−0.61	14.98	15.19	3
2312+104	13.81	0.04	14.06	0.01	−0.14	0.75	8.88	−0.73	13.57	13.82	

NOTES: Objects with significant IR excess, are shown in boldface.
[1]Faint IR standard star - photometry from Casali & Hawarden (1992)
[2]Object is barely discernible on K band image; K photometry unreliable.
[3]IR photometry known to include nearby optically resolved object at 2.2″

TABLE 5

Derived Properties of Candidate Cool Companions

REJ Name	J_c	K_c	M_{K_c}	M Subtype[a] (YD)	M Subtype[a] (OD)	V_c^b (OD)	Notes
0134−160	13.3	12.3	7.4	4.5	3.5	17.4	1
0148−253	12.4	11.6	6.9	4	3	16.4	1
0427+740	16.4	16.2	9.4	6.5	6	23.5	3
0916−194	14.0	13.7	7.7	5	4	19.2	
1036+460	12.8	12.0	7.6	5	4	17.3	1
1126+183	13.0	12.1	6.5	3.5	2.5	16.6	1
1629+780	11.1	11.3	7.7	5	4	16.6	1
1711+664	15.1	14.2	8.0	5.5	5	20.0	2
1820+580	15.5	13.8	8.9	6	5.5	21.0	
1845+682	15.3	14.6	9.2	6.5	6	21.9	

[a] Approximate spectral type from M_{K_c} and Leggett (1992) Table 6, for Young Disk and Old Disk stars.

[b] Approximate V magnitude of companion assuming Old Disk population, from M_{K_c} and $(V-K)$ of Leggett (1992) Table 6.

NOTES: 1) Known binary; see Table 1.
2) IR photometry known to include nearby marginally optically-resolved object at separation indicated in Table 1.
3) This star is spatially resolved at near-IR wavelengths, with a companion within $< 2''$. Some nebulosity (diffuse emission) is also noted nearby. The more distant companion noted in Table 1 is not included in the IR photometry.