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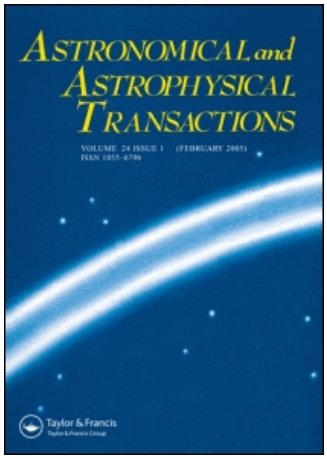

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Photoelectric observations of cepheids in 1996

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PHOTOELECTRIC OBSERVATIONS OF CEPHEIDS IN 1996

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In August–September 1996, 3282 photoelectric BVR_c brightness measurements were made for 143 Cepheids using the 60-cm reflector at the Mount Maidanak observatory. Tables of observations, V light curves, and $B-V$ and $V-R_c$ colour curves are presented.

KEY WORDS Cepheids, photoelectric photometry

1 INTRODUCTION

Regular photoelectric observations of Cepheids are of fundamental importance for the study of the stability of their pulsation periods. We have obtained more than fifteen years of photometric observations for three dozen Cepheids (Berdnikov, 1986, 1987, 1992a–1992f, 1993; Berdnikov and Turner, 1995a, b; Berdnikov and Vozyakova, 1995; Berdnikov *et al.*, 1997b), and our experience has shown that only such long series of observations make it possible to reveal and study small-period variations (Berdnikov, 1994; Berdnikov and Pastukhova, 1994a, b, 1995; Berdnikov *et al.*, 1997a). Therefore, the collection of photoelectric observations is an ongoing progress. The present paper is a continuation of this programme.

2 OBSERVATIONS

We gathered photoelectric observations of Cepheids in August–September, 1996 (JD2 450 305–50357) in Uzbekistan using the 60-cm reflector of the Mount Maidanak Astronomical Observatory equipped with a four-channel pulse-counting photoelectric photometer (Kornilov and Krylov, 1990). FEU-79 photomultipliers and BVR_c filters of the Kron–Cousins photometric system (Cousins, 1976) were employed.

Observing techniques are described in our previous paper (Berdnikov *et al.*, 1997b). Landolt's (1983) photometric standards from the equatorial areas SA 110 (stars Nos. 340, 353, and 471) and SA 114 (stars Nos. 172, 176, and 272) were used. Observational errors of the Cepheids are close to $0^m.01$ in all bands.

We have obtained a total of 3282 measurements, for 143 Cepheids, which are summarized in Table 1 and plotted in Figures 1–18. The first column of Table 1 gives the heliocentric times of the observations; the third through fifth columns give the V magnitudes and the $B-V$ and $V-R_c$ colours. The phases of observations, given in the second column of the table, which were used to construct the light curves in Figures 1–18, were calculated with the elements from Table 2.

The large scatter of data points in the light curves for CO Aur, TU Cas, AS Cas, EW Sct, V367 Sct, and BQ Ser can be explained by the bimodality of these Cepheids. CE Cas is a close visual binary whose components are Cepheids, which are separated by a distance of approximately 2.3 arcsec. We failed to perform separate photometry for these Cepheids; therefore, the combined brightness of the system is given in Table 1, and no phases are presented.

Acknowledgements

The authors acknowledge the partial support for this work by Russian Foundation for Fundamental Research (project Nos. 95–02–05276 and 94–02–04347). We are grateful to the Director of the Maidanak Observatory for allocating a large amount of observing time.

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Appendix A

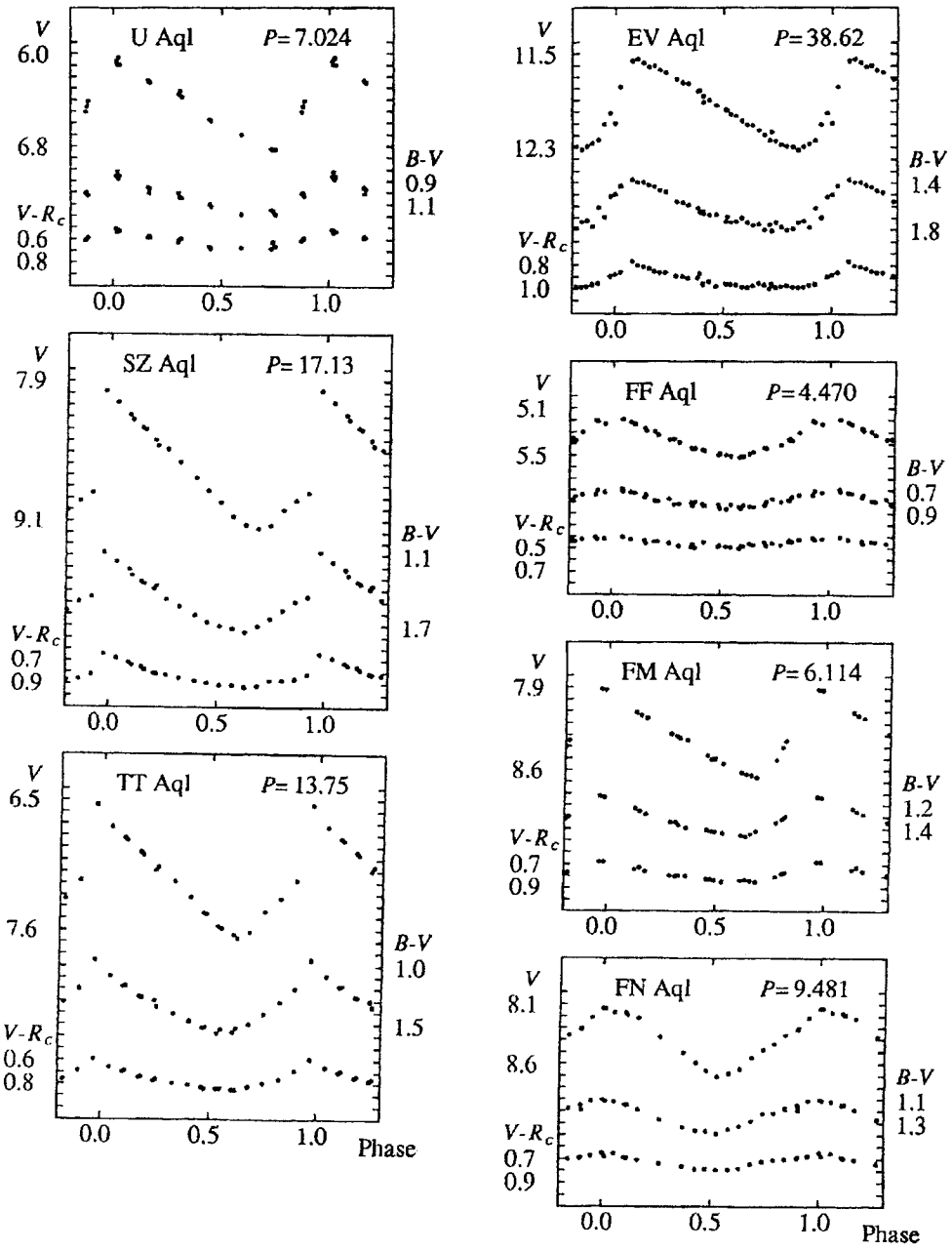

Figure 1 The light and colour curves for U Aql, SZ Aql, TT Aql, EV Aql, FF Aql, FM Aql and FN Aql.

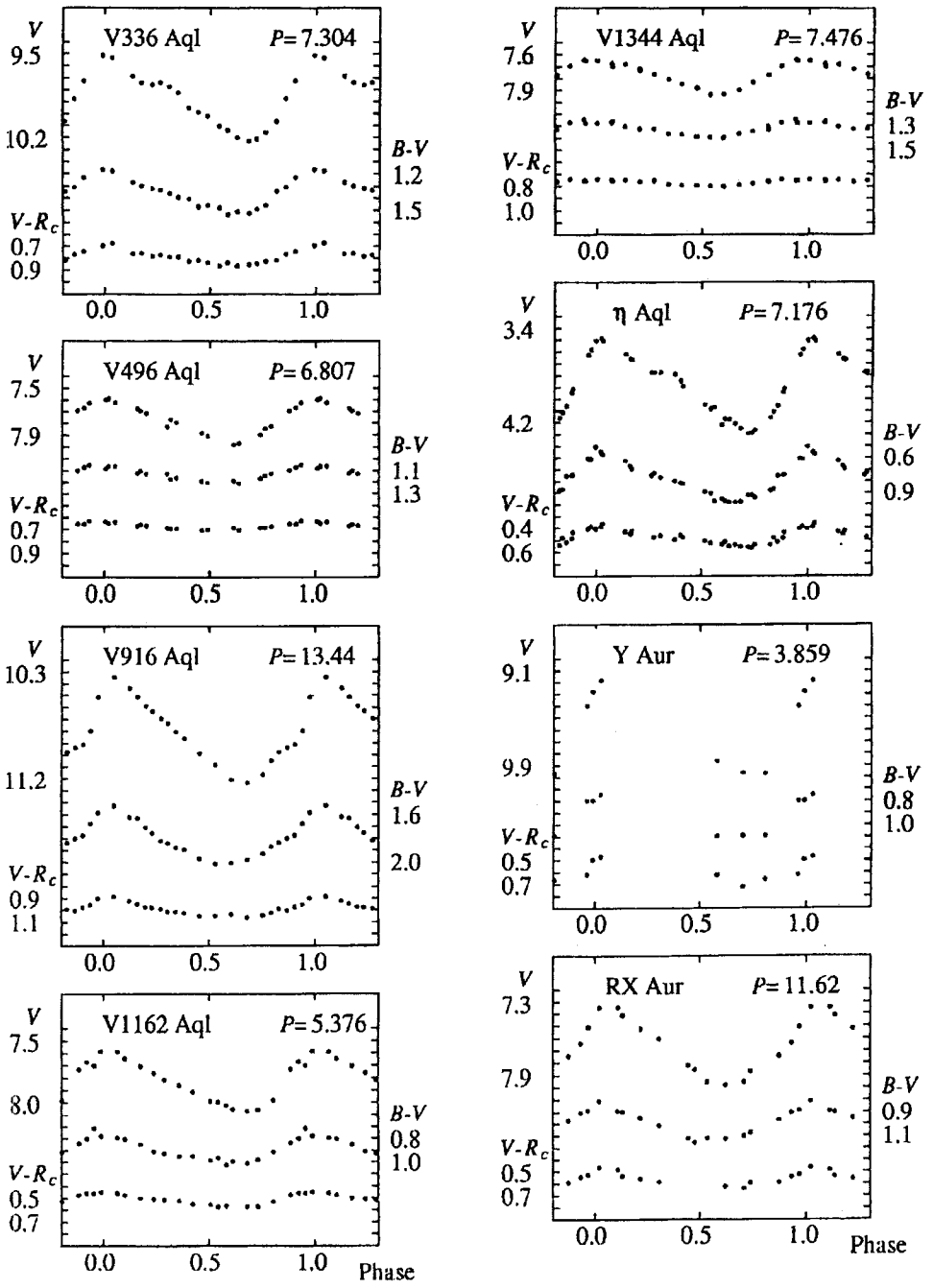

Figure 2 The light and colour curves for V336 Aql, V496 Aql, V916 Aql, V1162 Aql, V1344 Aql, η Aql, Y Aur and RX Aur.

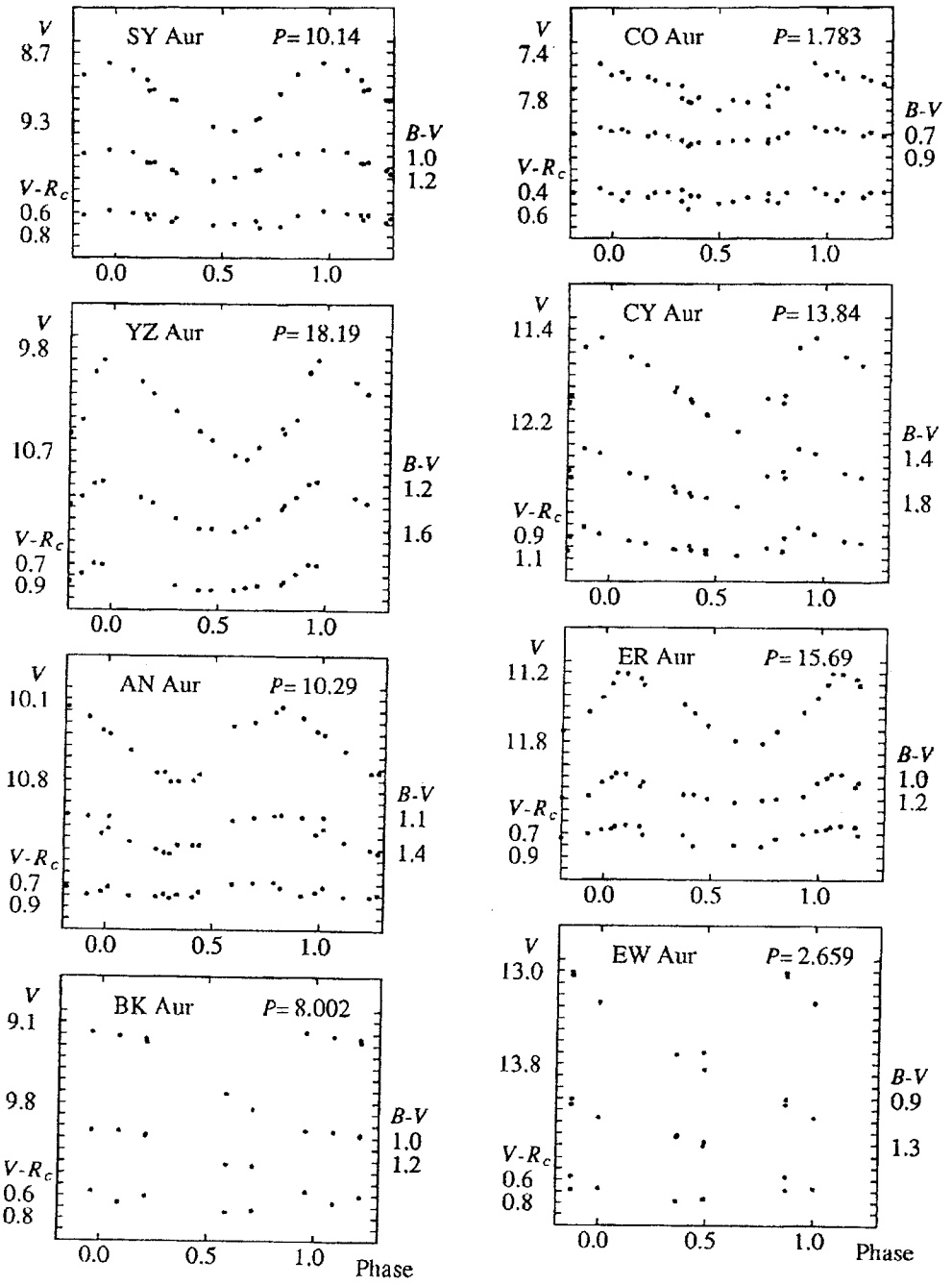

Figure 3 The light and colour curves for SY Aur, YZ Aur, AN Aur, BK Aur, CO Aur, CY Aur ER Aur and EW Aur.

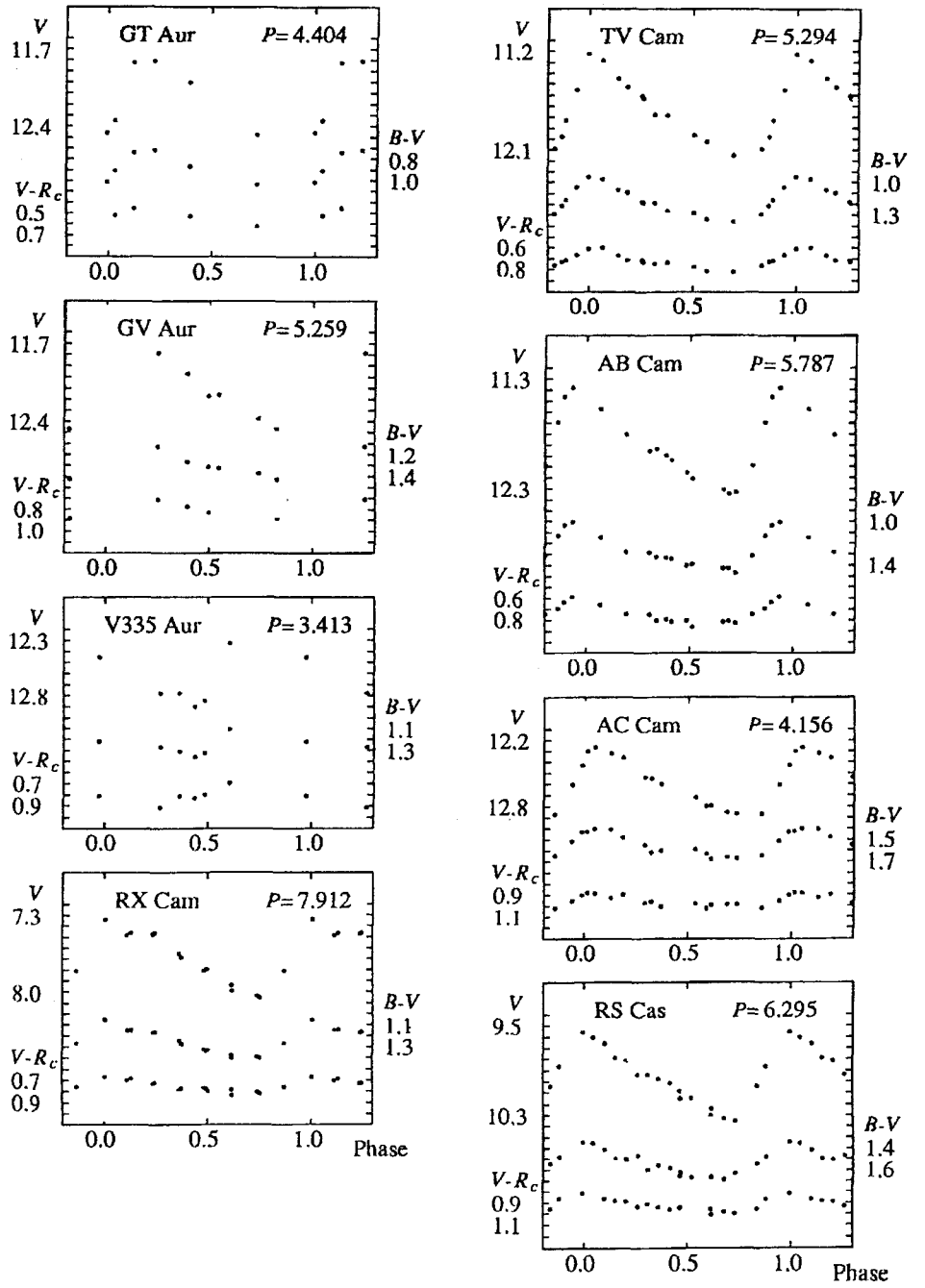

Figure 4 The light and colour curves for GT Aur, GV Aur, V335 Aur, RX Cam, TV Cam, AB Cam, AC Cam and RS Cas.

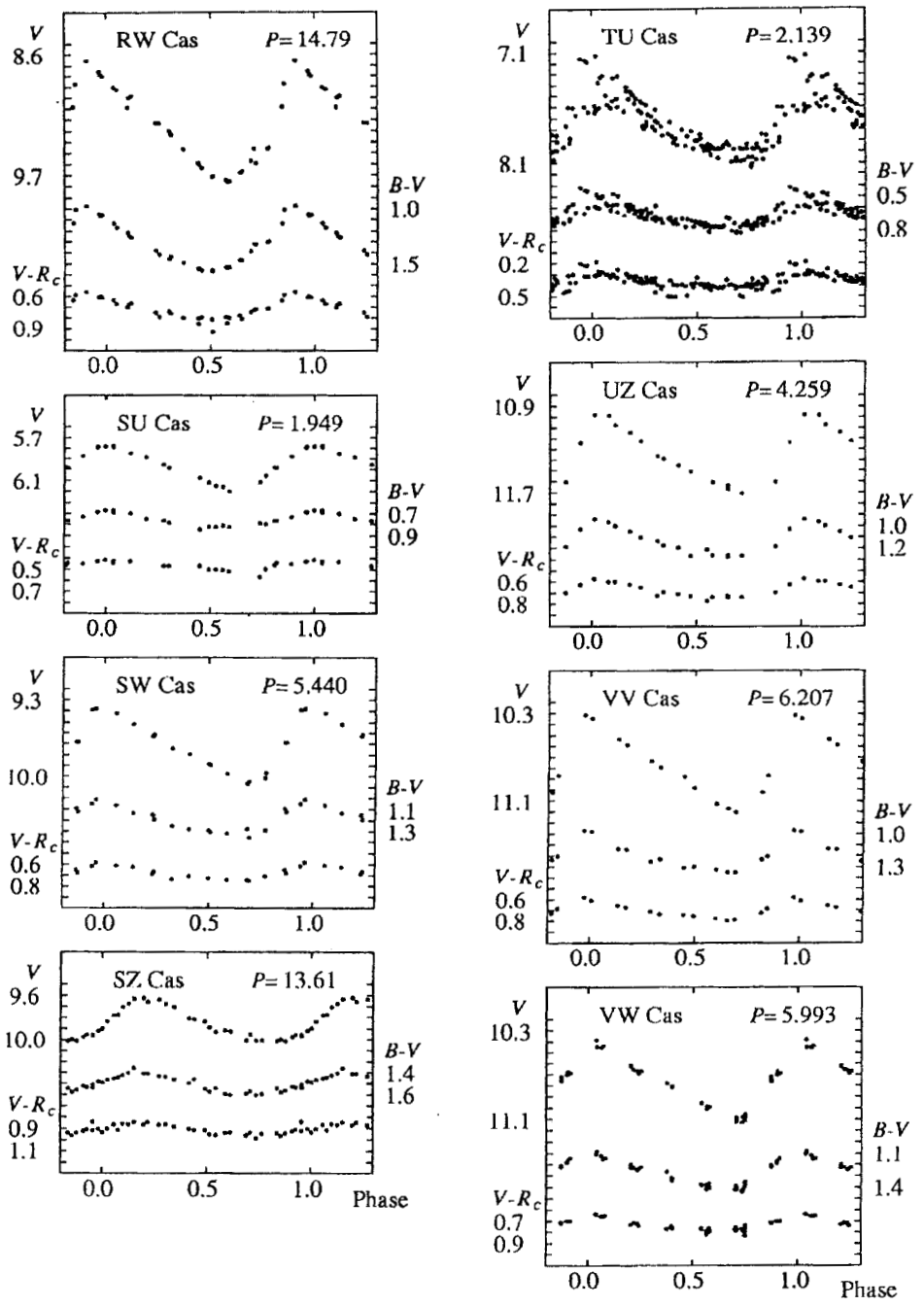

Figure 5 The light and colour curves for RW Cas, SU Cas, SW Cas, SZ Cas, TU Cas, UZ Cas, VV Cas and VW Cas.

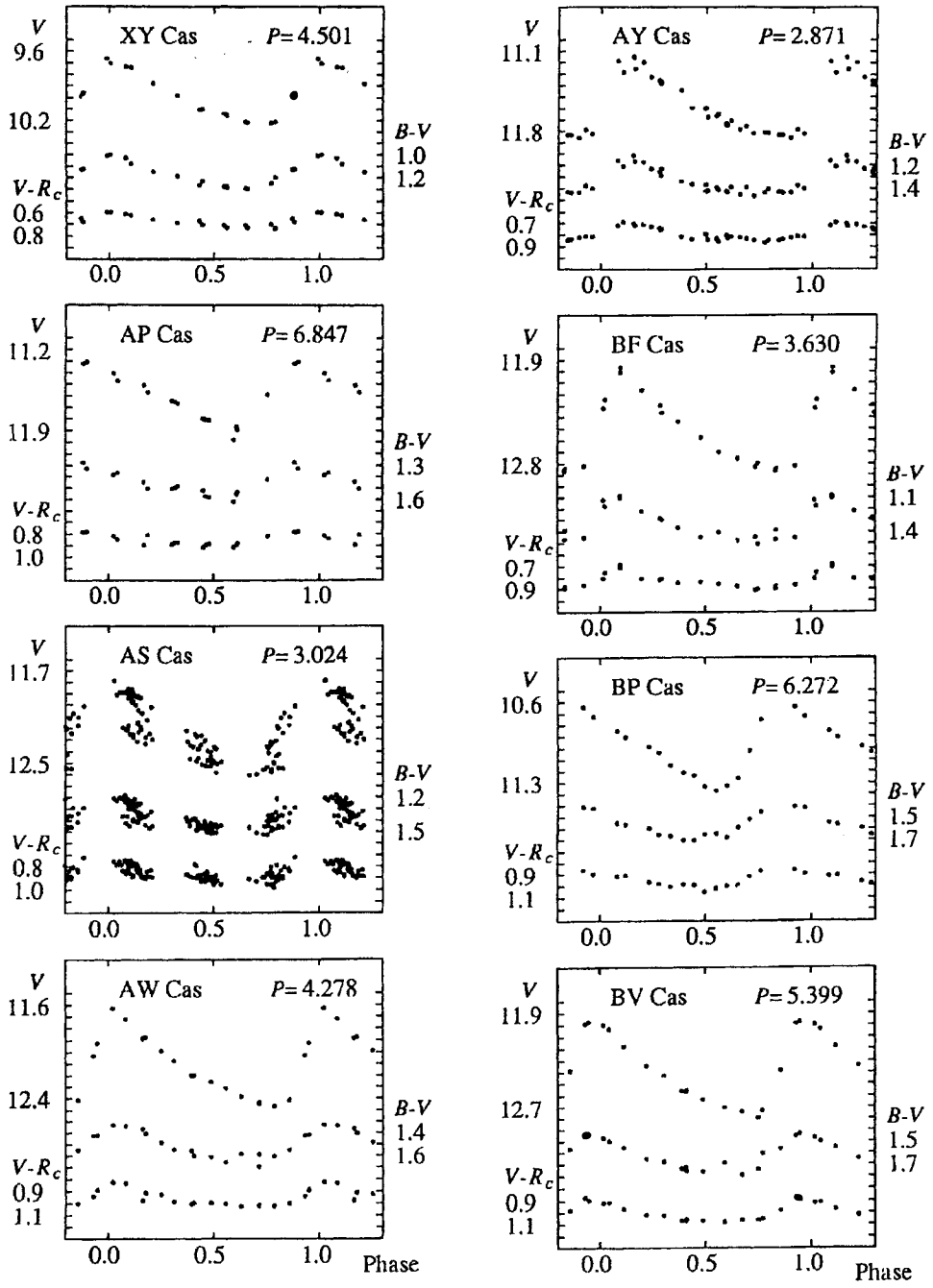

Figure 6 The light and colour curves for XY Cas, AP Cas, AS Cas, AW Cas, AY Cas, BF Cas, BP Cas and BV Cas.

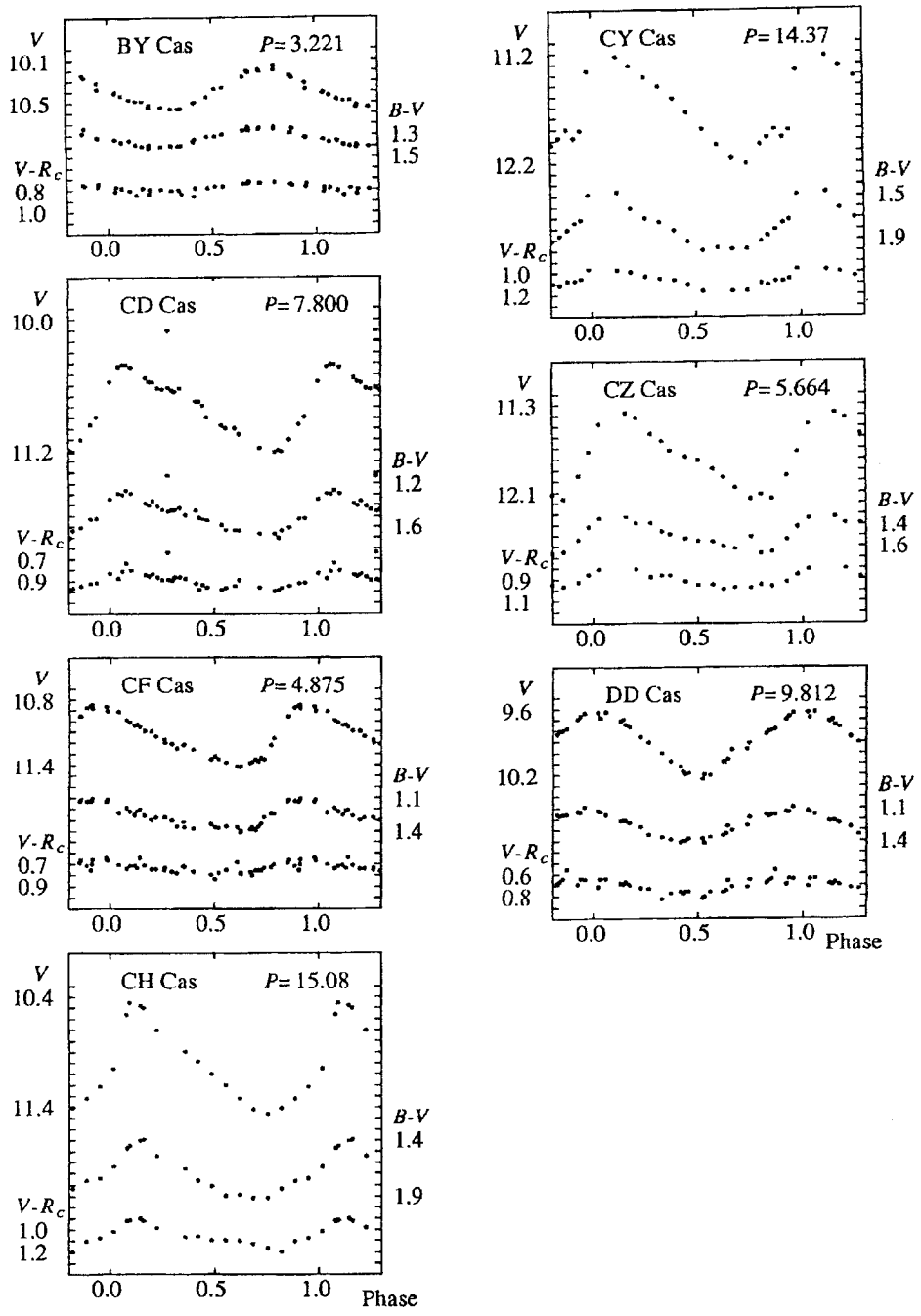

Figure 7 The light and colour curves for BY Cas, CD Cas, CF Cas, CH Cas, CY Cas, CZ Cas and DD Cas.

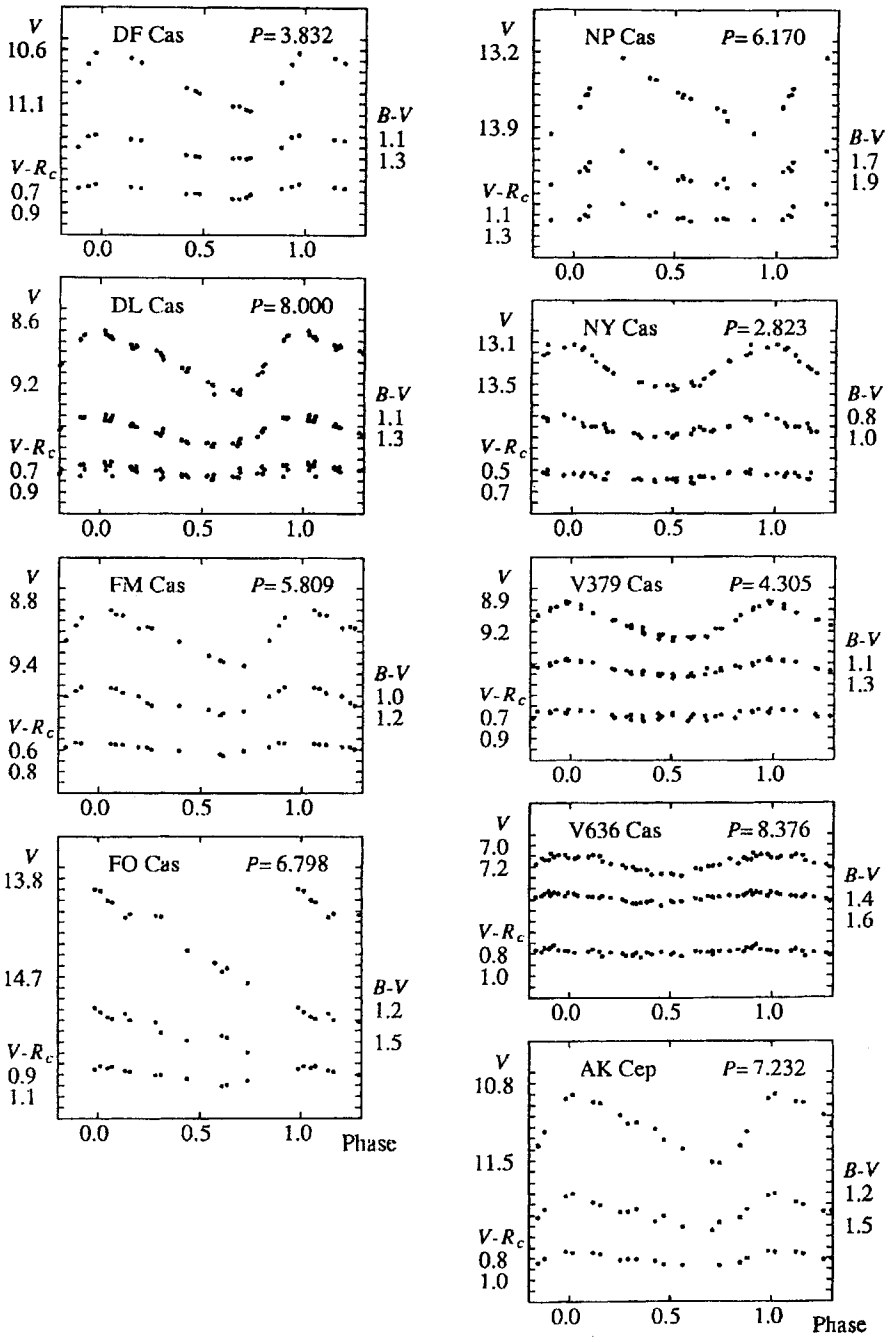

Figure 8 The light and colour curves for DF Cas, DL Cas, FM Cas, FO Cas, NP Cas, NY Cas, V379 Cas, V636 Cas and AK Cep.

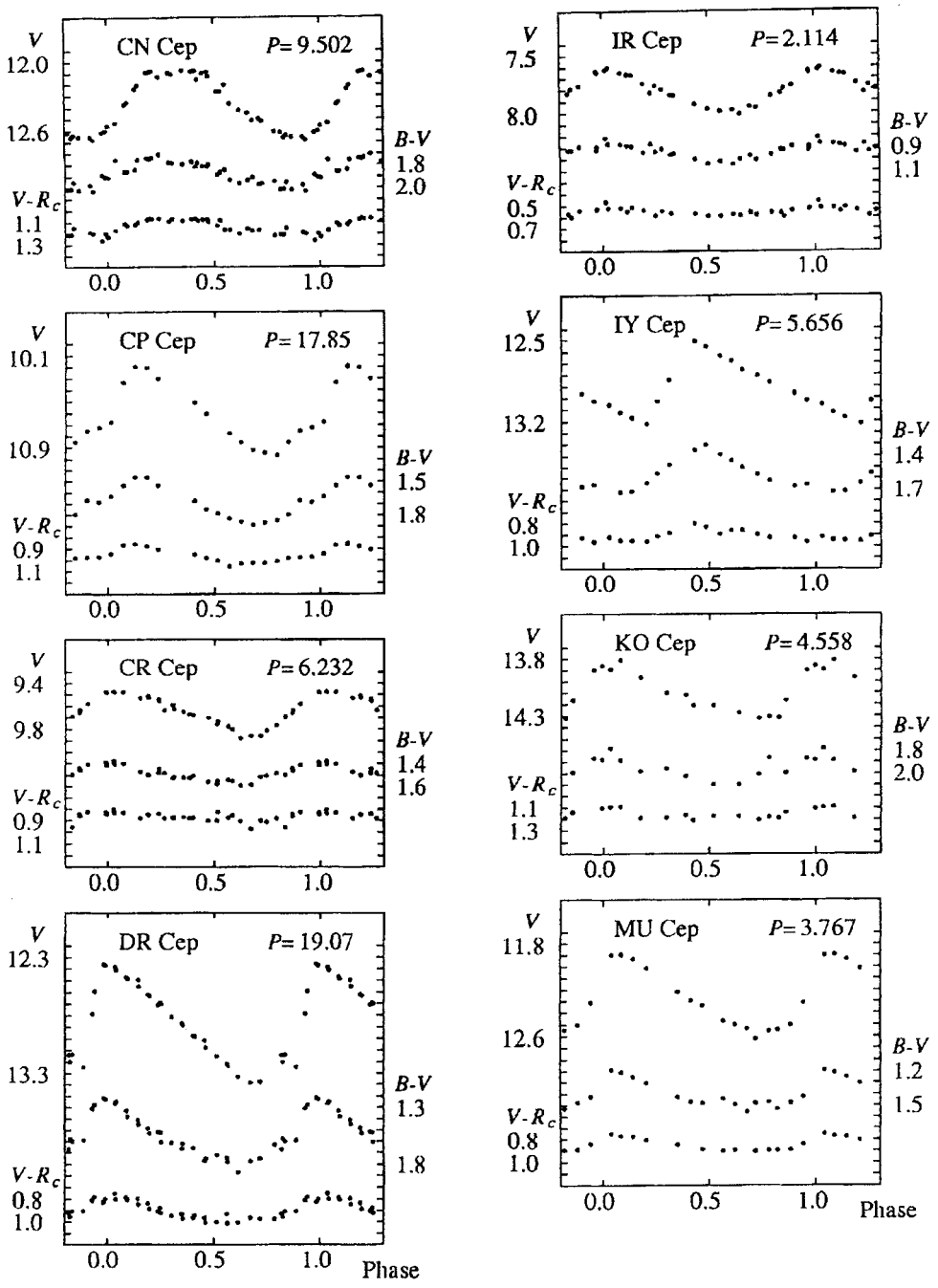

Figure 9 The light and colour curves for CN Cep, CP Cep, CR Cep, DR Cep, IR Cep, IY Cep, KO Cep and MU Cep.

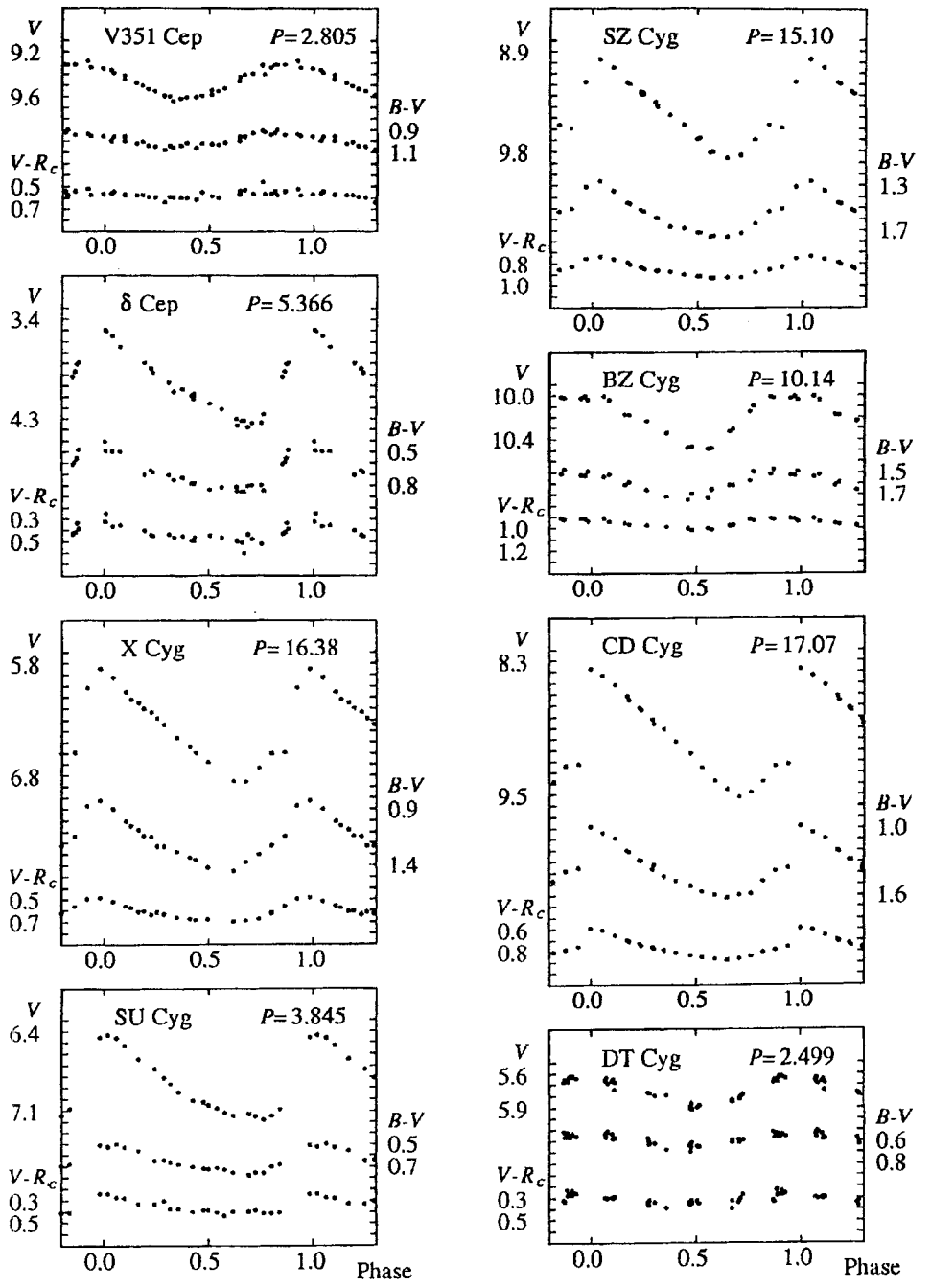

Figure 10 The light and colour curves for V351 Cep, δ Cep, X Cyg, SU Cyg, SZ Cyg, BZ Cyg, CD Cyg and DT Cyg.

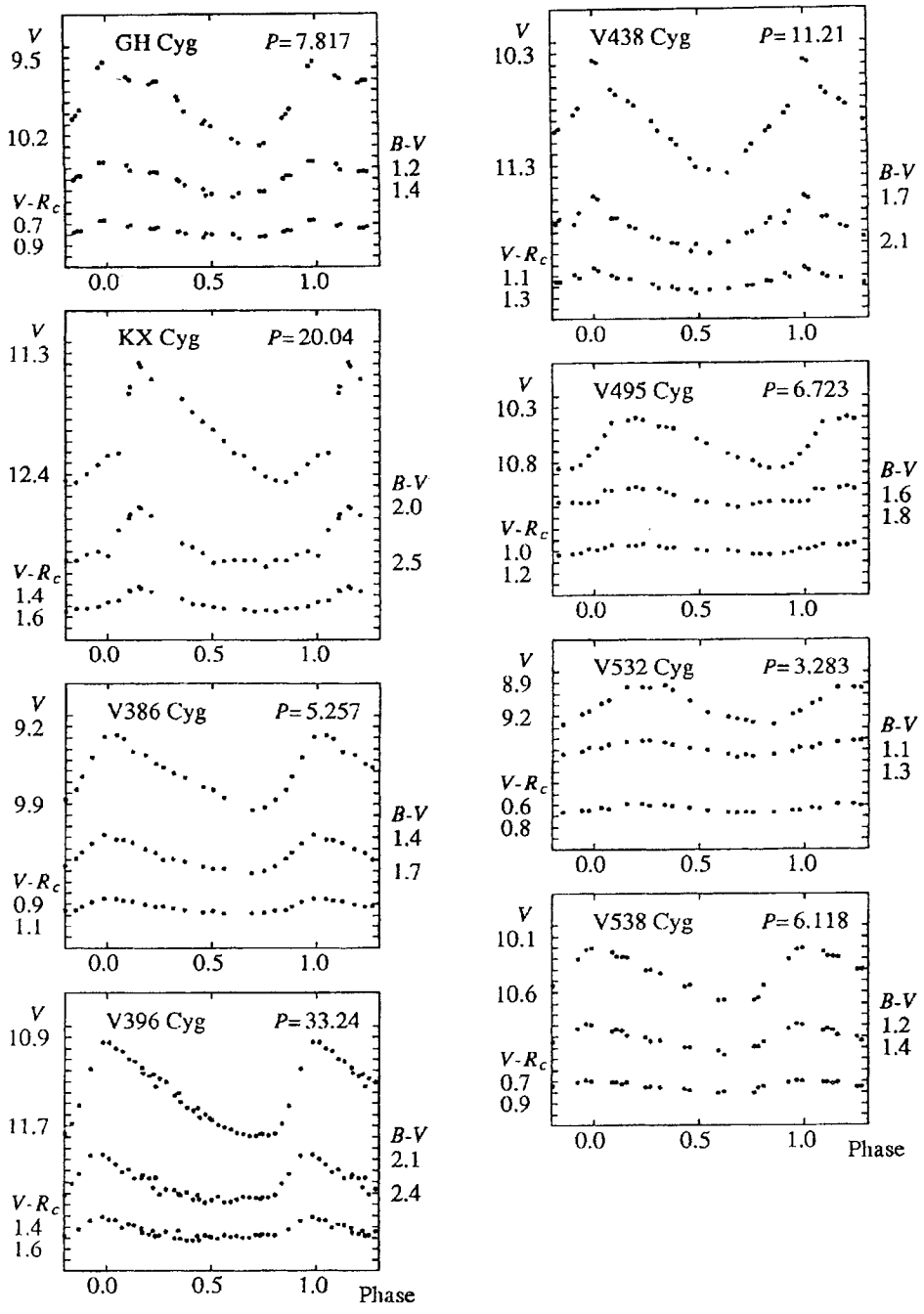

Figure 11 The light and colour curves for GH Cyg, KX Cyg, V386 Cyg, V396 Cyg, V438 Cyg, V495 Cyg, V532 Cyg and V538 Cyg.

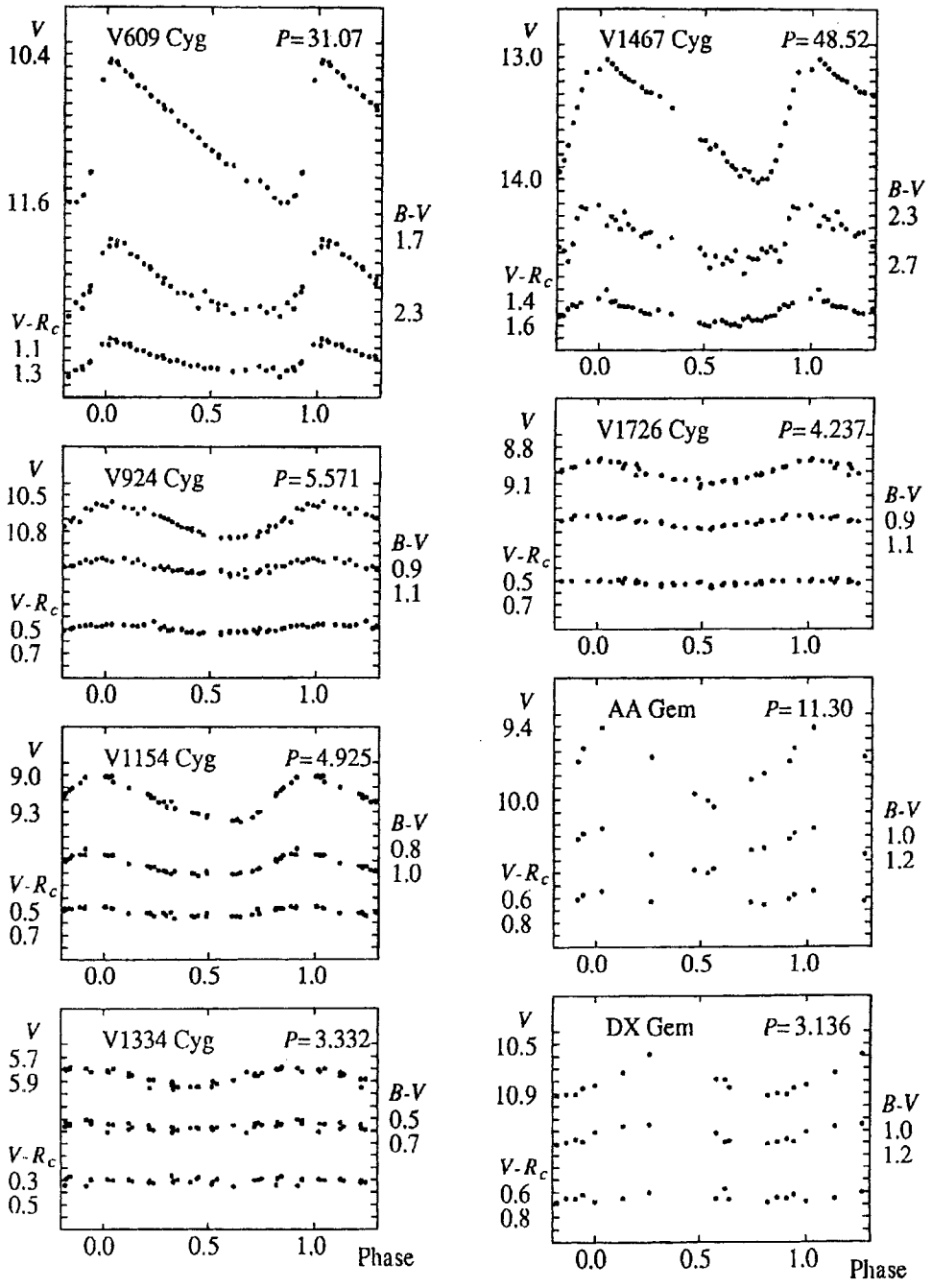

Figure 12 The light and colour curves for V609 Cyg, V924 Cyg, V1154 Cyg, V1334 Cyg, V1467 Cyg, V1726 Cyg, AA Gem and DX Gem.

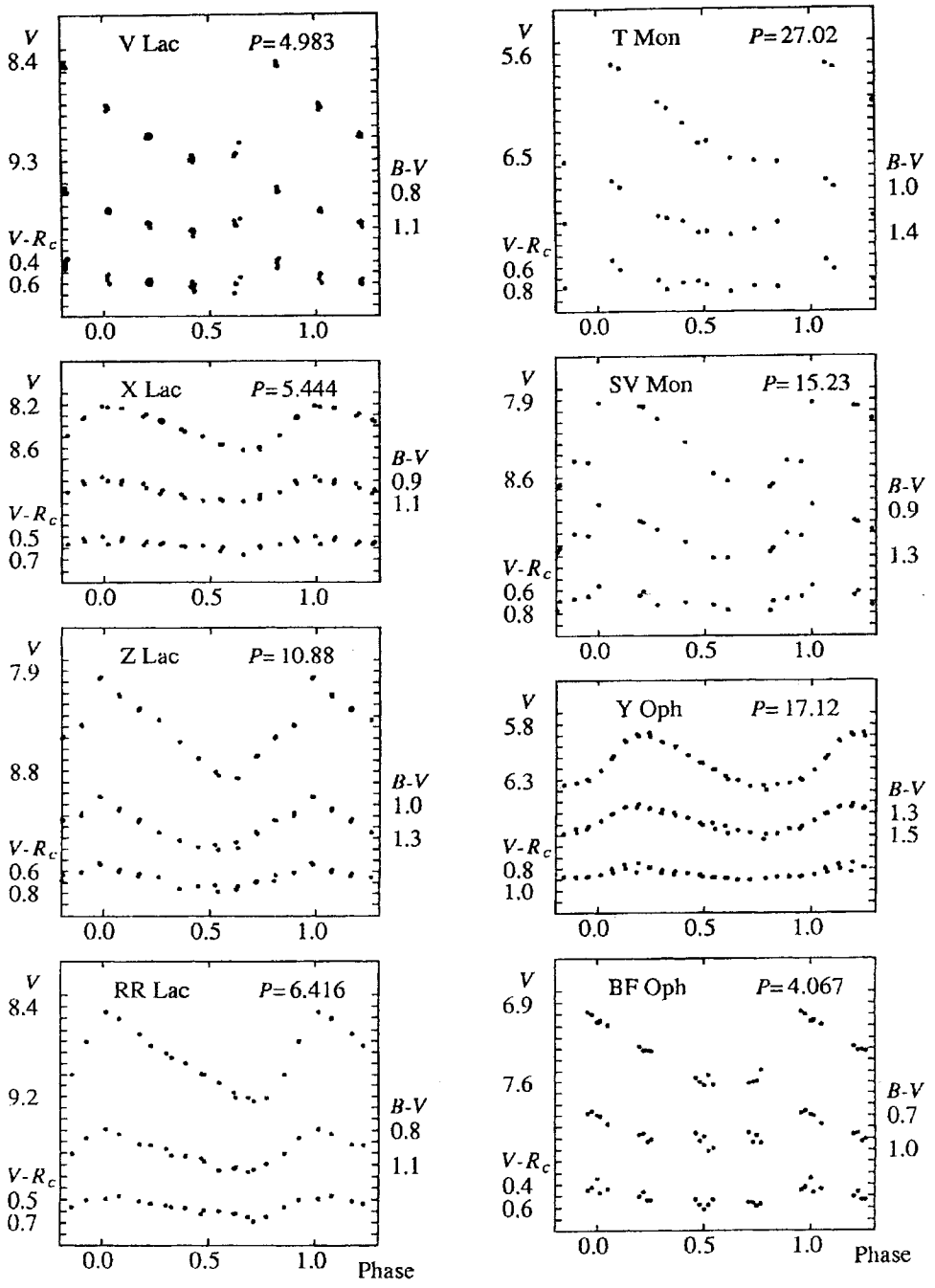

Figure 13 The light and colour curves for V Lac, X Lac, Z Lac, RR Lac, T Mon, SV Mon, Y Oph and BF Oph.

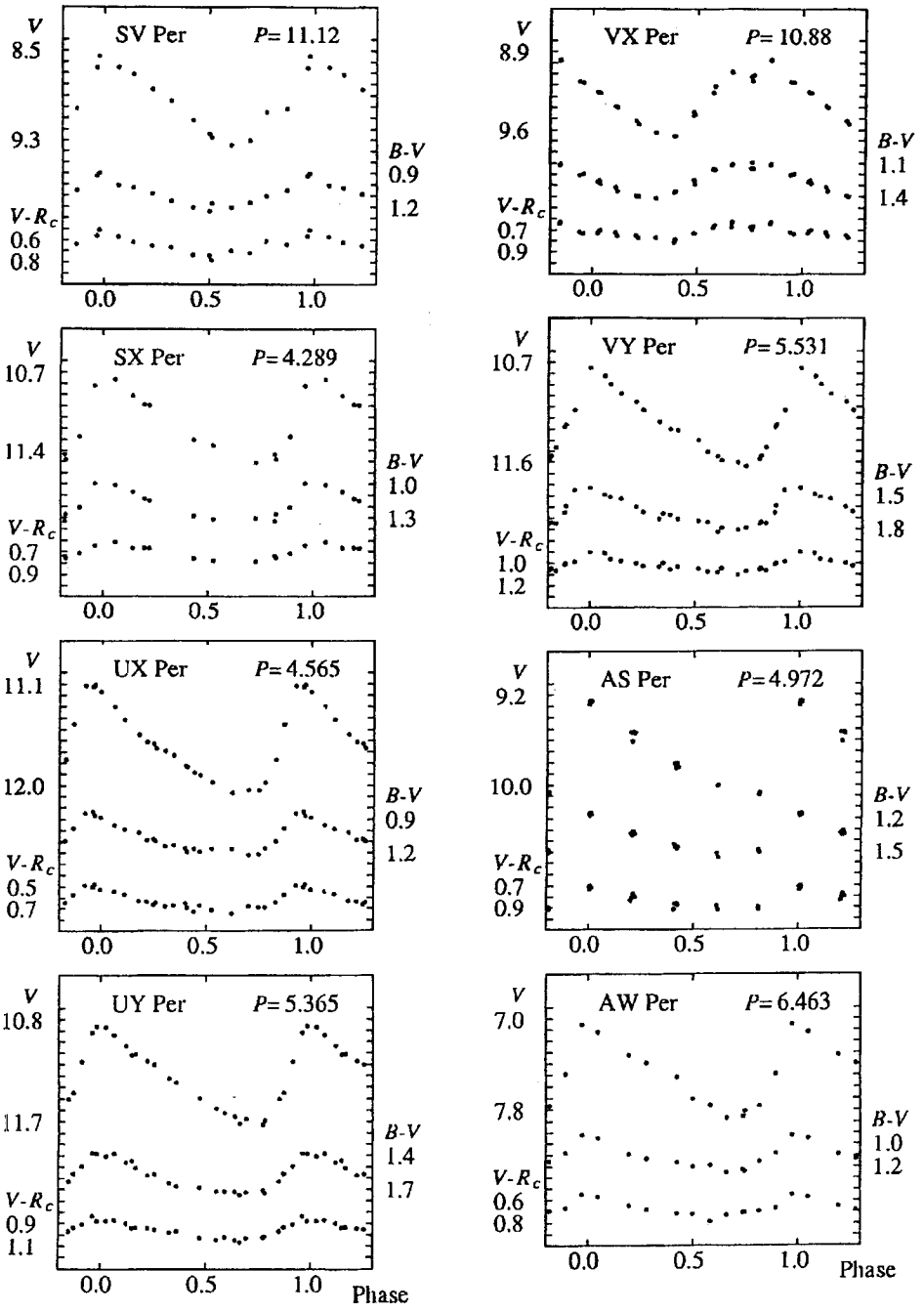

Figure 14 The light and colour curves for SV Per, SX Per, UX Per, UY Per, VX Per, VY Per, AS Per and AW Per.

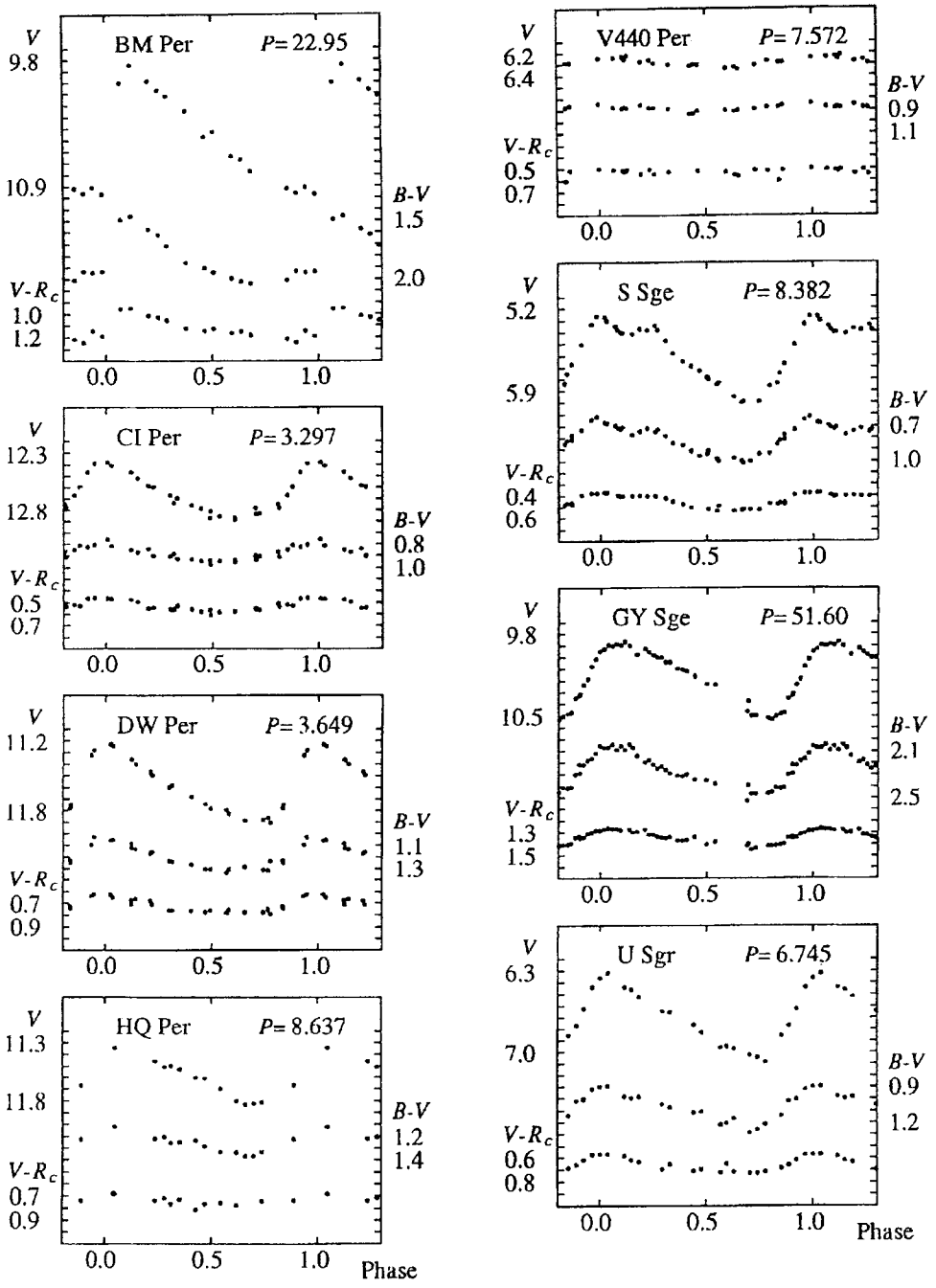

Figure 15 The light and colour curves for BM Per, CI Per, DW Per, HQ Per, V440 Per, S Sge, GY Sge and U Sgr.

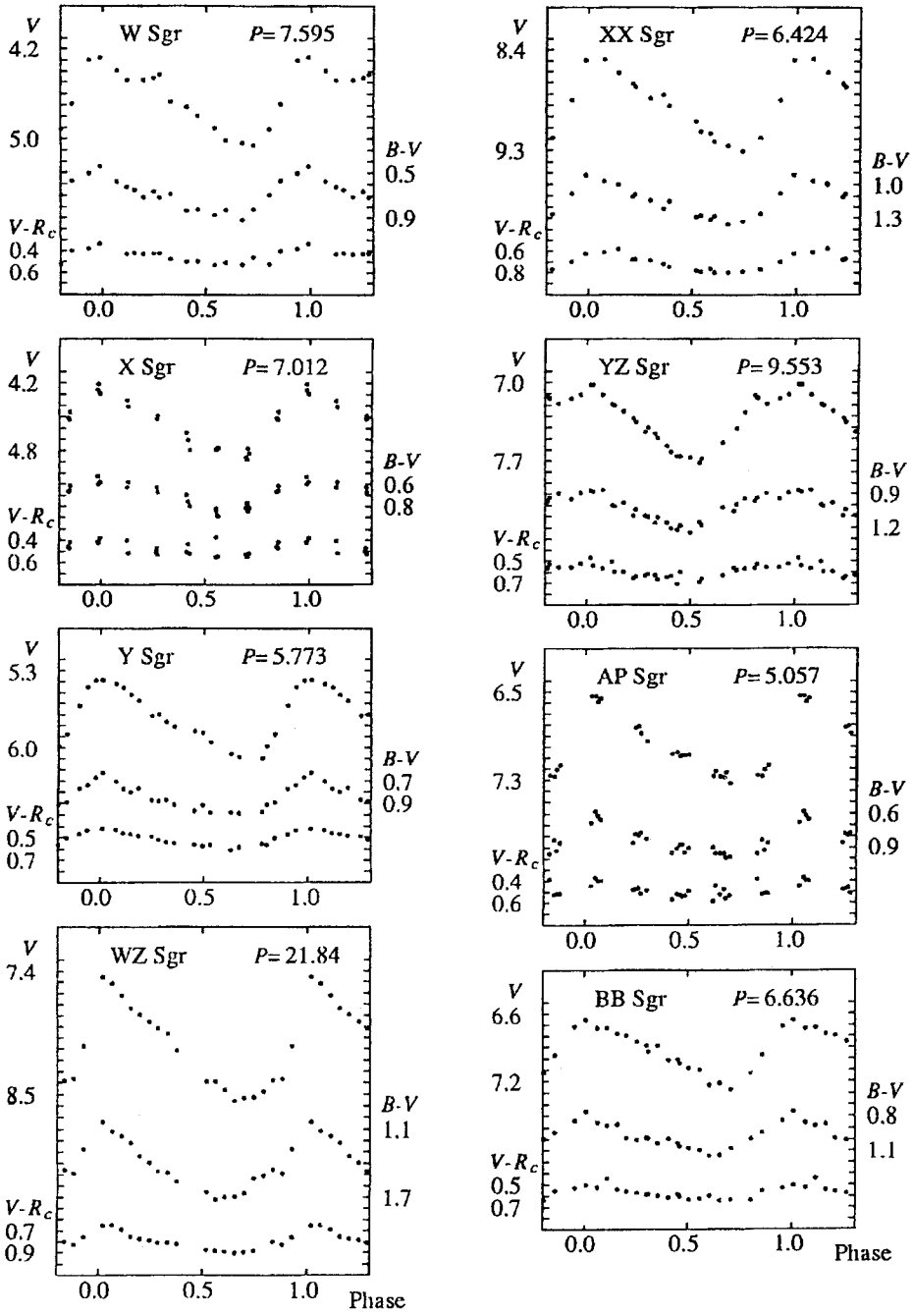

Figure 16 The light and colour curves for W Sgr, X Sgr, Y Sgr, WZ Sgr, XX Sgr, YZ Sgr, AP Sgr and BB Sgr.

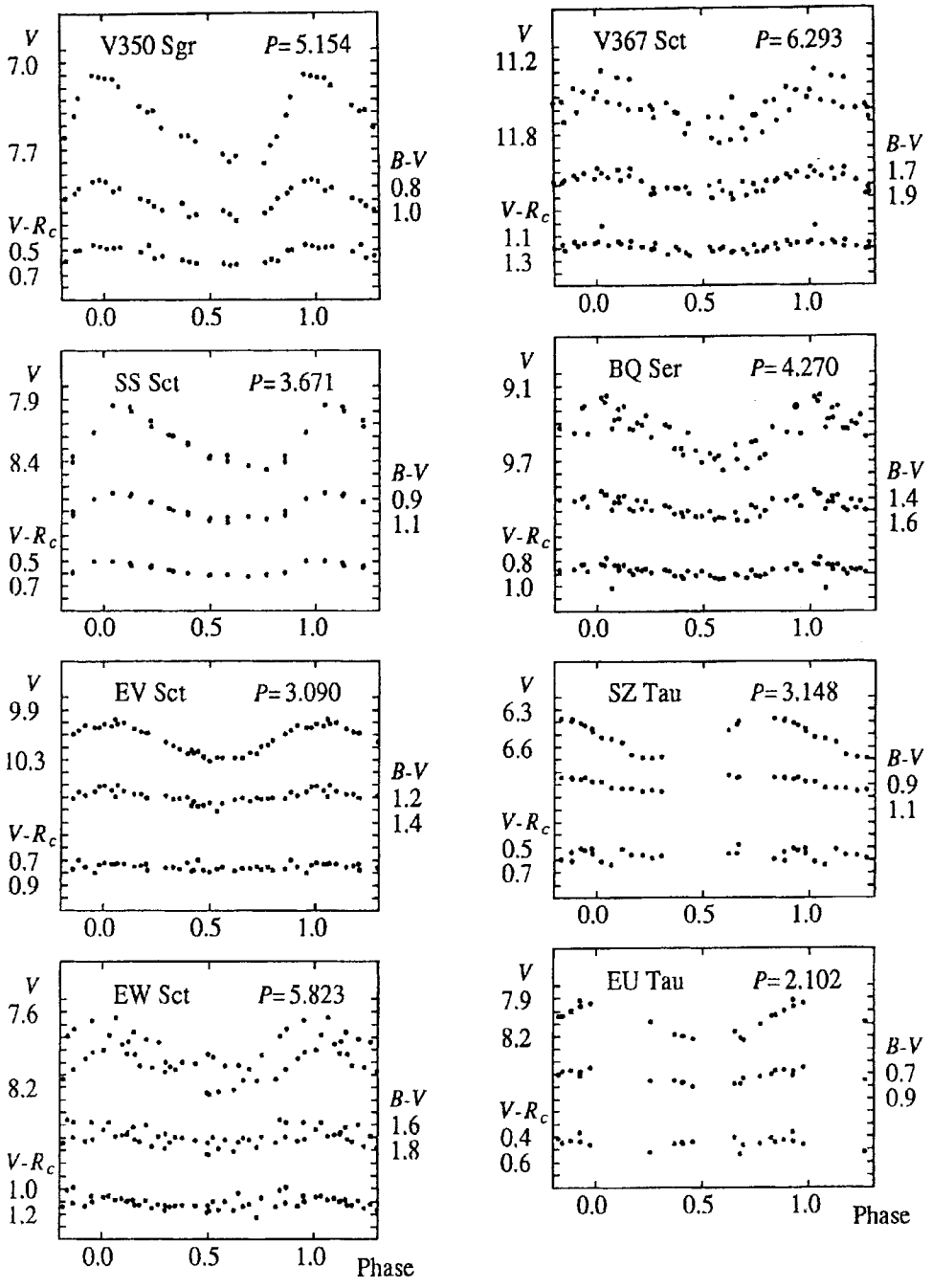

Figure 17 The light and colour curves for V350 Sgr, SS Sct, EV Sct, EW Sct, V367 Sct, BQ Ser, SZ Tau and EU Tau.

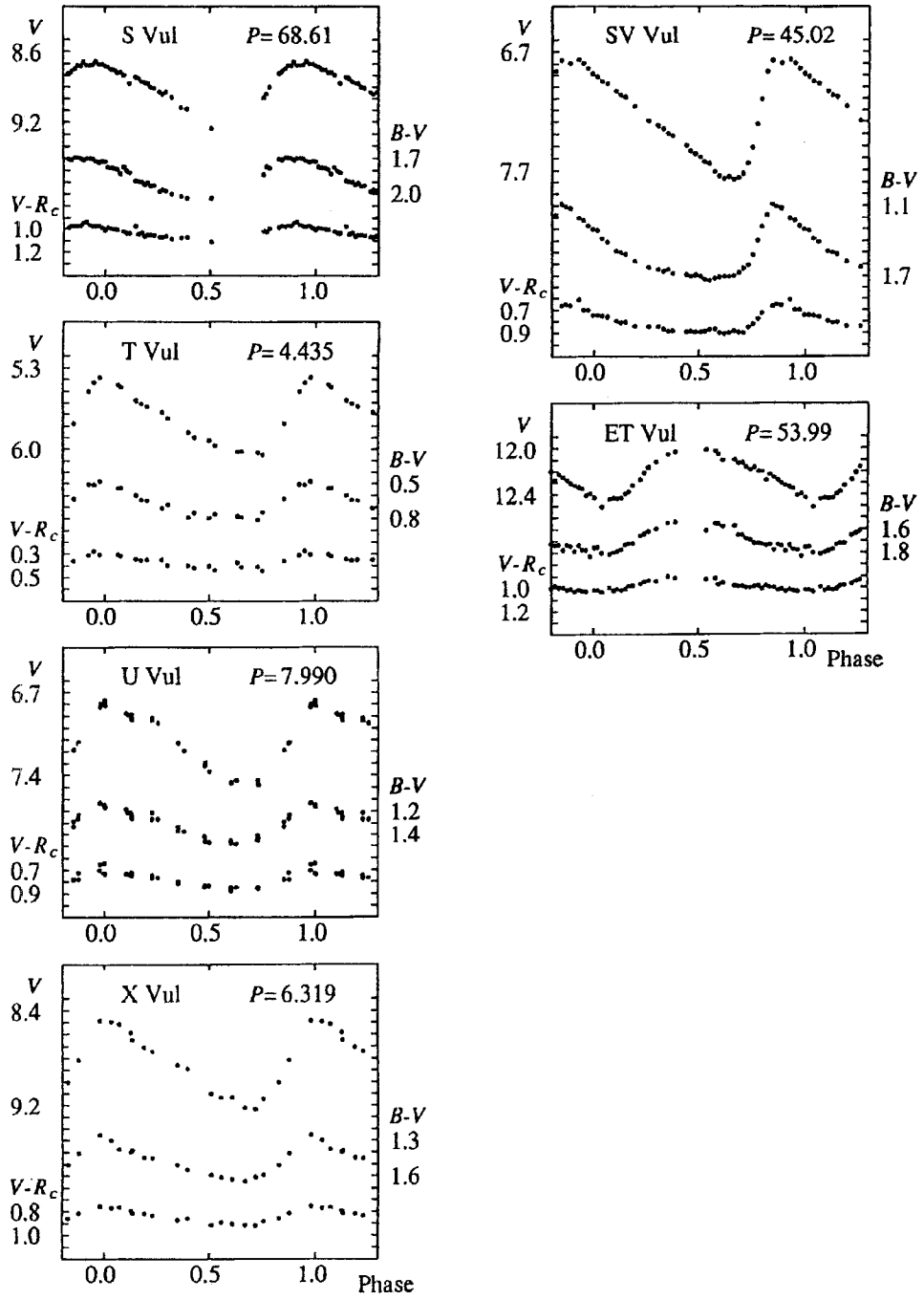

Figure 18 The light and colour curves for S Vul, T Vul, U Vul, X Vul, SV Vul and ET Vul.

Appendix B

Table 1.

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
		U Aql		
50305.1716	0.033	6.090	0.851	0.532
50306.1633	0.174	6.246	0.966	0.582
50307.1849	0.319	6.372	1.045	0.599
50310.2163	0.751	6.820	1.183	0.664
50311.1559	0.885	6.406	1.025	0.587
50312.1507	0.026	6.032	0.877	0.521
50313.1568	0.169	6.239	1.007	0.578
50314.1411	0.310	6.325	1.039	0.603
50315.1424	0.452	6.580	1.117	0.683
50316.1420	0.594	6.699	1.184	0.675
50317.1715	0.741	6.824	1.155	0.621
50318.1426	0.879	6.455	0.999	0.605
50319.1408	0.021	6.088	0.815	0.545
50320.1420	0.164	6.229	0.951	0.588
50321.1367	0.306	6.348	1.004	0.624
50322.1317	0.447	6.568	1.100	0.666
50324.1372	0.733	6.815	1.148	0.682
50325.1281	0.874	6.502	1.002	0.612
50326.1244	0.016	6.061	0.854	0.513
		SZ Aql		
50305.2764	0.111	8.220	1.266	0.738
50306.2986	0.171	8.305	1.337	0.778
50307.2514	0.227	8.448	1.359	0.815
50310.2574	0.402	8.726	1.606	0.873
50311.1845	0.456	8.838	1.666	0.891
50312.1853	0.514	8.940	1.700	0.911
50313.2076	0.574	9.058	1.724	0.913
50314.1815	0.631	9.130	1.751	0.928
50315.1883	0.690	9.166	1.702	0.920
50316.1989	0.749	9.135	1.636	0.869
50317.2061	0.807	9.003	1.565	0.869
50318.1926	0.865	8.921	1.492	0.860
50319.1865	0.923	8.855	1.451	0.816
50320.1993	0.982	7.981	1.070	0.642
50321.1802	0.039	8.078	1.155	0.678
50322.1792	0.098	8.181	1.218	0.719
50323.1773	0.156	8.295	1.322	0.755
50324.1960	0.215	8.396	1.384	0.809
50325.1692	0.272	8.477	1.474	0.823
50326.1567	0.330	8.586	1.535	0.847
		TT Aql		
50305.2751	0.105	6.816	1.180	0.691
50306.2974	0.179	6.931	1.261	0.741
50307.2507	0.248	7.088	1.297	0.773

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50310.2568	0.467	7.447	1.529	0.829
50311.1840	0.534	7.562	1.578	0.836
50312.1846	0.607	7.631	1.568	0.846
50313.2072	0.681	7.614	1.495	0.823
50314.1810	0.752	7.439	1.414	0.795
50315.1879	0.825	7.330	1.308	0.756
50316.1985	0.899	7.174	1.198	0.682
50317.2056	0.972	6.537	0.952	0.586
50318.1922	0.044	6.722	1.086	0.655
50319.1862	0.116	6.832	1.175	0.684
50320.1989	0.190	6.951	1.268	0.733
50321.1797	0.261	7.059	1.346	0.760
50322.1786	0.334	7.176	1.408	0.791
50323.1761	0.406	7.316	1.474	0.810
50324.1955	0.480	7.459	1.524	0.840
50325.1687	0.551	7.580	1.545	0.839
50326.1563	0.623	7.663	1.533	0.854
		EV Aql		
50305.2149	0.381	11.818	1.608	0.908
50306.2683	0.408	11.914	1.657	0.958
50306.2692	0.408	11.859	1.638	0.951
50307.2489	0.433	11.894	1.668	0.933
50310.2551	0.511	11.971	1.723	0.951
50311.1818	0.535	12.012	1.726	0.960
50312.1816	0.561	12.028	1.723	0.961
50313.1969	0.587	12.067	1.690	0.979
50314.1780	0.613	12.095	1.725	0.984
50315.1862	0.639	12.102	1.754	0.966
50316.1952	0.665	12.149	1.740	0.947
50317.1951	0.691	12.187	1.795	0.963
50318.1846	0.717	12.232	1.748	0.993
50319.1801	0.742	12.239	1.728	0.982
50320.1963	0.769	12.266	1.766	0.972
50321.1773	0.794	12.281	1.795	0.969
50322.1755	0.820	12.290	1.783	0.975
50323.1731	0.846	12.315	1.728	0.982
50324.1926	0.872	12.287	1.715	0.977
50325.1651	0.897	12.260	1.768	0.963
50326.1502	0.923	12.231	1.605	0.955
50327.2123	0.950	12.099	1.687	–
50328.3479	0.980	12.003	1.514	0.891
50329.1756	0.001	12.086	1.492	0.877
50330.1688	0.027	11.780	1.425	0.857
50332.1649	0.078	11.551	1.369	0.763
50333.1648	0.104	11.539	1.385	0.799
50334.1793	0.131	11.570	1.385	0.808
50335.1726	0.156	11.601	1.415	0.824
50336.1790	0.182	11.594	1.426	0.845
50337.1648	0.208	11.633	1.458	0.857
50338.2227	0.235	11.655	1.474	0.857

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50340.1526	0.285	11.706	1.555	0.887
50341.1605	0.311	11.738	1.564	0.891
50342.1655	0.337	11.747	1.582	0.907
50344.1769	0.389	11.808	1.643	0.870
50347.1696	0.467	11.935	1.665	0.970
50349.1559	0.518	11.977	1.682	0.954
50357.1409	0.725	12.165	1.805	0.952
		FF Aql		
50305.1736	0.365	5.429	0.805	0.487
50306.1648	0.587	5.507	0.837	0.502
50307.1842	0.815	5.357	0.776	0.442
50310.2270	0.495	5.478	0.850	0.480
50311.1578	0.704	5.429	0.824	0.449
50312.1524	0.926	5.199	0.731	0.406
50313.1585	0.151	5.265	0.752	0.434
50314.1432	0.371	5.439	0.831	0.467
50315.1445	0.595	5.497	0.848	0.484
50316.1424	0.818	5.349	0.784	0.430
50317.1709	0.049	5.187	0.685	–
50318.1421	0.266	5.359	0.770	0.455
50319.1403	0.489	5.488	0.816	0.485
50320.1414	0.713	5.434	0.793	0.476
50321.1364	0.935	5.208	0.700	0.422
50322.1312	0.158	5.285	0.733	0.459
50323.1315	0.382	5.433	0.799	0.499
50324.1367	0.607	5.498	0.823	0.484
50325.1278	0.828	5.366	0.750	0.444
50326.1242	0.051	5.187	0.704	0.400
50327.1844	0.288	5.350	0.816	–
50328.3433	0.547	5.499	0.819	0.491
50329.2084	0.741	–	0.766	0.456
50330.2291	0.969	5.225	0.711	0.416
50332.2212	0.415	5.447	0.815	–
50333.2023	0.634	5.479	0.832	0.462
50334.2200	0.862	5.295	0.735	0.421
50335.2278	0.087	5.213	0.714	0.422
50336.2270	0.311	5.381	0.815	0.481
50337.1903	0.526	5.489	0.857	0.488
50340.1783	0.195	5.288	0.782	0.442
50341.2007	0.423	5.454	0.830	0.450
50342.2149	0.650	5.462	0.837	0.475
50344.2473	0.105	5.226	0.716	–
50347.2581	0.778	5.402	0.791	0.471
50349.2025	0.213	5.315	0.787	0.445
		FM Aql		
50305.2704	0.364	8.339	1.387	0.798
50306.3004	0.533	8.539	1.432	0.847
50307.2523	0.688	8.658	1.414	0.850
50310.2595	0.180	8.152	1.273	0.759

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50311.1864	0.332	8.320	1.364	0.795
50312.1869	0.496	8.497	1.416	0.835
50313.2093	0.663	8.637	1.439	0.836
50314.1832	0.822	8.340	1.294	0.769
50315.1900	0.987	7.915	1.129	0.680
50316.2017	0.152	8.128	1.246	0.725
50317.2086	0.317	8.303	1.339	0.798
50318.1945	0.478	8.503	1.411	0.824
50319.1886	0.641	8.628	1.460	0.828
50320.2010	0.806	8.400	1.312	0.779
50321.1824	0.967	7.908	1.119	0.680
50322.1819	0.130	8.102	1.222	0.743
50323.1802	0.293	8.282	1.339	0.793
50324.2020	0.461	8.469	1.405	0.822
50325.1716	0.619	8.614	1.445	0.835
50326.1577	0.780	8.508	1.345	0.805
		FN Aql		
50305.2724	0.905	8.296	1.186	0.689
50306.3032	0.014	8.126	1.108	0.678
50307.2547	0.114	8.184	1.141	0.691
50310.2618	0.431	8.590	1.357	0.789
50311.1891	0.529	8.696	1.381	0.791
50312.1891	0.635	8.634	1.317	0.778
50313.2118	0.743	8.476	1.219	0.724
50314.1857	0.845	8.358	1.175	0.703
50315.1930	0.952	8.208	1.109	0.674
50316.2041	0.058	8.164	1.119	0.651
50317.2114	0.164	8.215	1.182	0.706
50318.1977	0.268	8.371	1.263	0.738
50319.1939	0.374	8.501	1.329	0.765
50320.2056	0.480	8.648	1.363	0.783
50321.2006	0.585	8.672	1.346	0.791
50322.1845	0.689	8.542	1.277	0.745
50323.1828	0.794	8.427	1.211	0.709
50324.2041	0.902	8.309	1.147	0.691
50325.1733	0.004	8.127	1.099	0.650
50326.1599	0.108	8.167	1.144	0.688
		V336 Aql		
50305.2835	0.545	10.091	1.473	0.862
50306.2956	0.683	10.215	1.516	0.855
50307.2481	0.814	10.054	1.340	0.817
50310.2546	0.225	9.749	1.311	0.784
50311.1813	0.352	9.811	1.386	0.793
50312.1807	0.489	10.009	1.451	0.836
50313.1961	0.628	10.185	1.502	0.863
50314.1772	0.762	10.148	1.454	0.830
50315.1852	0.900	9.711	1.222	0.745
50316.1943	0.039	9.523	1.174	0.673
50317.1939	0.175	9.727	1.291	0.756

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50318.1832	0.311	9.764	1.360	0.786
50319.1786	0.447	9.978	1.464	0.816
50320.1923	0.586	10.129	1.529	0.836
50321.1760	0.721	10.205	1.484	0.842
50322.1735	0.857	9.862	1.304	0.769
50323.1719	0.994	9.502	1.159	0.693
50324.1905	0.133	9.670	1.265	0.764
50325.1631	0.267	9.726	1.326	0.775
50326.1489	0.402	9.943	1.399	0.830
		V496 Aql		
50305.2856	0.011	7.596	1.084	0.632
50306.3002	0.160	7.671	1.121	0.671
50307.2603	0.301	7.828	1.127	0.689
50310.2592	0.741	7.897	1.169	0.690
50311.1861	0.878	7.693	1.097	0.651
50312.1867	0.025	7.589	1.063	0.650
50313.2091	0.175	7.693	1.101	0.660
50314.1830	0.318	7.770	1.173	0.693
50315.1899	0.466	7.881	1.194	0.710
50316.2008	0.614	7.978	1.188	0.688
50317.2079	0.762	7.845	1.145	0.687
50318.1941	0.907	7.668	1.072	0.651
50319.1880	0.053	7.623	1.061	0.639
50320.2004	0.202	7.710	1.128	0.666
50321.1818	0.346	7.794	1.164	0.694
50322.1811	0.493	7.905	1.201	0.705
50323.1794	0.640	7.967	1.208	0.709
50324.2013	0.790	7.825	1.127	0.678
50325.1708	0.932	7.621	1.052	0.626
		V916 Aql		
50305.2862	0.794	11.039	1.864	1.025
50306.3011	0.869	10.924	1.791	1.004
50307.2531	0.940	10.783	1.666	0.954
50310.2601	0.164	10.501	1.625	0.947
50311.1872	0.233	10.622	1.750	0.978
50312.1875	0.307	10.723	1.832	1.015
50313.2101	0.383	10.846	1.889	1.025
50314.1841	0.456	10.970	1.963	1.047
50315.1914	0.531	11.072	2.005	1.047
50316.2027	0.606	11.199	1.997	1.037
50317.2098	0.681	11.221	1.973	1.062
50318.1958	0.754	11.151	1.923	1.042
50319.1909	0.828	10.961	1.828	0.990
50320.2022	0.903	10.895	1.768	0.975
50321.1832	0.976	10.504	1.576	0.896
50322.1829	0.051	10.332	1.522	0.881
50323.1809	0.125	10.427	1.615	0.925
50324.2027	0.201	10.578	1.698	0.972
50325.1721	0.273	10.680	1.813	0.990
50326.1588	0.347	10.793	1.873	1.015

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
		V1162Aql		
50305.2890	0.584	8.013	1.018	0.564
50307.2890	0.956	7.692	0.708	0.459
50310.2700	0.510	7.982	0.977	0.550
50311.1973	0.683	8.064	1.001	0.570
50312.2783	0.884	7.722	0.833	0.474
50313.2717	0.069	7.583	0.787	0.459
50314.1953	0.241	7.751	0.903	0.507
50315.1986	0.427	7.909	0.944	0.546
50316.2108	0.615	8.047	0.986	–
50317.2197	0.803	7.974	0.908	0.527
50318.2293	0.991	7.576	0.773	0.446
50319.2213	0.175	7.697	0.843	0.495
50320.2222	0.362	7.851	0.943	0.525
50321.2109	0.546	7.988	0.958	0.570
50322.2177	0.733	8.050	0.974	0.568
50323.2441	0.924	7.661	0.794	0.457
50324.2146	0.104	7.640	0.798	0.475
50325.2117	0.290	7.808	0.918	0.515
		V1344Aql		
50305.2736	0.811	7.766	1.330	0.757
50306.3039	0.949	7.648	1.271	0.750
50307.2557	0.076	7.699	1.259	0.754
50310.2624	0.478	7.879	1.388	0.789
50311.1897	0.602	7.925	1.400	0.790
50312.1897	0.736	7.829	1.341	0.774
50313.2125	0.873	7.694	1.267	0.737
50314.1862	0.003	7.649	1.272	0.739
50315.1936	0.138	7.678	1.303	0.744
50316.2048	0.273	7.765	1.323	0.746
50317.2123	0.408	7.842	1.370	0.786
50318.1985	0.540	7.934	1.394	0.793
50319.1951	0.673	7.892	1.361	0.784
50320.2067	0.808	7.768	1.302	0.755
50321.2014	0.942	7.644	1.245	0.747
50322.1854	0.073	7.672	1.268	0.744
50323.1835	0.207	7.715	1.324	0.759
50324.2049	0.343	7.800	1.361	0.776
50325.1742	0.473	7.875	1.389	0.787
50326.1607	0.605	7.927	1.391	0.799
		η Aql		
50320.2602	0.603	4.211	0.946	0.539
50320.3532	0.616	4.165	0.968	0.517
50321.1314	0.724	4.288	0.919	0.564
50321.2559	0.741	4.284	0.919	0.566
50321.3423	0.753	4.257	0.936	0.541
50322.1245	0.862	4.050	0.752	0.520
50322.3044	0.888	3.936	0.747	0.485
50322.3534	0.894	3.904	0.742	0.439

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R*$_c$
50323.1271	0.002	3.500	0.504	0.409
50323.3058	0.027	3.480	0.550	0.392
50323.3534	0.034	3.496	0.567	0.362
50324.1319	0.142	3.612	0.623	0.434
50324.2999	0.166	3.651	0.670	0.451
50324.3602	0.174	3.658	0.694	0.426
50325.1223	0.280	3.763	0.725	0.477
50325.3331	0.310	3.763	0.768	0.462
50326.1190	0.419	3.884	0.816	0.484
50327.1743	0.566	4.061	0.967	–
50329.1612	0.843	4.101	0.870	0.483
50330.1483	0.980	3.573	0.609	0.386
50332.2180	0.269	3.762	0.750	–
50333.2001	0.406	3.838	0.815	0.463
50334.2239	0.548	4.080	0.902	0.527
50335.2266	0.688	4.245	0.974	0.559
50336.2331	0.828	4.154	0.879	0.544
50337.2086	0.964	3.618	0.604	0.407
50340.1809	0.378	3.783	0.796	0.498
50341.2038	0.521	4.042	0.887	0.509
50342.2179	0.662	4.205	0.979	0.544
50349.2054	0.636	4.166	0.976	0.552
		Y Aur		
50332.4446	0.701	9.955	1.082	0.719
50333.4572	0.964	9.388	0.792	0.617
50337.4204	0.991	9.267	0.793	0.493
50341.4261	0.029	9.175	0.745	0.466
50344.4314	0.807	9.956	1.080	0.656
50347.4208	0.582	9.854	1.088	0.623
		RX Aur		
50326.4388	0.935	7.628	0.900	0.543
50327.4728	0.024	7.339	0.801	0.460
50328.4961	0.112	7.338	0.884	0.484
50332.4152	0.449	7.806	1.113	–
50333.4335	0.537	7.942	1.114	–
50334.4466	0.624	7.966	1.119	0.623
50335.4514	0.711	7.945	1.090	0.636
50337.3911	0.877	7.731	0.963	0.590
50338.4620	0.970	7.497	0.878	0.524
50340.3890	0.135	7.401	0.892	0.538
50341.3980	0.222	7.510	0.944	0.557
50342.4057	0.309	7.594	1.008	0.583
50344.3984	0.480	7.841	1.147	–
50347.4082	0.739	7.858	1.062	0.591
		SY Aur		
50326.4415	0.084	8.847	0.962	0.598
50327.4748	0.186	9.016	1.055	0.612
50328.4975	0.287	9.111	1.155	0.644
50332.4379	0.675	9.268	1.115	0.726

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50333.4466	0.775	9.057	0.989	0.719
50335.4540	0.973	8.789	0.943	0.577
50337.3930	0.164	9.028	1.063	0.653
50338.4631	0.269	9.109	1.120	0.680
50340.3925	0.459	9.343	1.218	0.708
50341.3990	0.559	9.376	1.188	0.694
50342.4164	0.659	9.284	1.122	0.668
50344.4084	0.855	8.885	0.974	0.619
50347.4094	0.151	8.930	1.060	0.606
		YZ Aur		
50326.4478	0.810	10.533	1.370	0.850
50327.4791	0.867	10.415	1.298	0.776
50328.5027	0.923	9.999	1.183	0.691
50332.4422	0.139	10.085	1.303	–
50333.4546	0.195	10.185	1.352	–
50335.4589	0.305	10.337	1.494	0.881
50337.3992	0.412	10.515	1.575	0.922
50338.4666	0.470	10.593	1.575	0.923
50340.3984	0.577	10.729	1.603	0.923
50341.4033	0.632	10.761	1.561	0.902
50342.4211	0.688	10.660	1.498	0.885
50344.4147	0.797	10.489	1.402	0.867
50347.4142	0.962	9.893	1.161	0.702
		AN Aur		
50326.4358	0.237	10.724	1.394	0.809
50327.4708	0.338	10.800	1.354	0.794
50328.4924	0.437	10.737	1.355	0.769
50332.4124	0.818	10.153	1.099	0.729
50333.4169	0.916	10.245	1.117	0.791
50334.4448	0.015	10.386	1.219	0.730
50334.4495	0.016	–	1.118	–
50335.4495	0.113	10.530	1.326	0.803
50337.3890	0.302	10.803	1.435	0.823
50338.4603	0.406	10.792	1.359	0.812
50340.3872	0.593	10.318	1.149	0.700
50341.3954	0.691	10.281	1.121	0.687
50342.4032	0.789	10.195	1.105	0.685
50344.3954	0.982	10.359	1.262	0.770
50347.4057	0.275	10.720	1.421	0.789
		BK Aur		
50332.4355	0.088	9.211	0.944	0.656
50333.4434	0.214	9.261	0.971	–
50337.4172	0.711	9.849	1.235	0.729
50341.4237	0.211	9.240	0.983	0.604
50344.4280	0.587	9.713	1.223	0.744
50347.4194	0.961	9.176	0.935	0.560
		CO Aur		
50307.4521	0.325	7.684	0.747	0.385

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50314.4704	0.261	7.669	0.711	0.404
50315.4558	0.814	7.704	0.689	0.410
50316.4435	0.368	7.824	0.776	0.434
50317.4692	0.943	7.486	0.637	0.367
50318.4572	0.497	7.891	0.768	0.496
50319.4860	0.074	7.616	0.676	0.409
50320.4820	0.633	7.824	0.750	0.449
50321.4973	0.202	7.631	0.683	0.407
50322.4302	0.726	7.857	0.766	0.472
50323.4998	0.326	7.788	0.755	0.476
50326.4773	0.995	7.589	0.671	0.418
50327.4913	0.564	7.802	0.755	0.483
50332.4725	0.358	7.818	0.796	0.548
50335.4801	0.045	7.563	0.653	0.472
50337.4846	0.169	7.601	0.712	0.446
50338.4844	0.730	7.755	0.736	0.416
50341.4696	0.404	7.781	0.767	0.439
50347.4760	0.772	7.685	0.729	0.490
		CY Aur		
50326.4298	0.305	11.939	1.668	1.011
50327.4684	0.380	12.002	1.721	0.988
50328.4885	0.454	12.131	–	1.024
50332.4095	0.737	11.991	1.571	1.001
50333.4138	0.809	12.034	1.525	1.034
50334.4389	0.883	11.550	1.332	0.824
50335.4464	0.956	11.470	1.374	0.881
50337.3855	0.096	11.632	1.550	0.942
50338.4583	0.173	11.706	1.586	0.967
50340.3845	0.313	11.896	1.711	1.017
50341.3926	0.385	12.028	1.746	1.024
50342.4002	0.458	12.146	1.760	1.056
50344.3916	0.602	12.280	1.835	1.069
50347.4029	0.819	11.968	1.585	0.912
		ER Aur		
50326.4444	0.036	11.297	1.006	0.659
50327.4766	0.102	11.205	0.976	0.629
50328.5010	0.167	11.251	1.088	0.640
50332.4402	0.418	11.553	1.160	0.804
50333.4517	0.483	11.659	1.193	–
50335.4566	0.610	11.786	1.227	0.797
50337.3959	0.734	11.814	1.209	0.810
50338.4646	0.802	11.709	1.193	0.743
50340.3949	0.925	11.543	1.171	0.702
50341.4012	0.989	11.415	1.053	0.670
50342.4188	0.054	11.203	0.973	0.638
50344.4115	0.181	11.305	1.049	0.714
50347.4118	0.372	11.479	1.157	0.711
		EW Aur		
50332.4220	0.490	13.695	1.302	0.768

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50333.4396	0.872	13.032	0.899	0.685
50337.4134	0.367	13.709	1.222	0.782
50340.4165	0.496	13.841	1.267	0.764
50341.4122	0.870	13.001	0.947	0.567
50344.4216	0.002	13.263	1.056	0.675
		GT Aur		
50332.4472	0.999	12.449	1.007	–
50333.4592	0.228	11.795	0.715	–
50337.4233	0.128	11.815	0.732	0.451
50341.4286	0.038	12.337	0.905	0.523
50344.4329	0.720	12.469	1.026	0.615
50347.4237	0.399	11.991	0.864	0.528
		GV Aur		
50332.4533	0.548	12.149	1.315	–
50333.4649	0.740	12.365	1.367	–
50337.4472	0.497	12.157	1.310	0.827
50341.4346	0.255	11.773	1.122	0.706
50344.4405	0.827	12.450	1.416	0.882
50347.4302	0.395	11.958	1.262	0.773
		V335 Aur		
50332.4503	0.974	12.449	1.210	0.809
50333.4621	0.270	12.774	1.262	0.911
50337.4427	0.436	12.891	1.351	0.827
50341.4313	0.605	12.319	1.097	0.693
50344.4366	0.485	12.838	1.315	0.799
50347.4274	0.362	12.771	1.305	0.809
		RX Cam		
50323.4680	0.114	7.473	1.143	0.697
50326.3957	0.484	7.799	1.316	0.763
50327.4471	0.617	7.930	1.367	0.783
50328.4555	0.744	8.026	1.385	0.805
50332.3704	0.239	7.461	1.163	0.726
50333.3735	0.366	7.640	1.240	0.790
50334.3904	0.494	7.780	1.325	0.775
50335.3964	0.622	7.978	1.394	0.835
50337.3578	0.870	7.799	1.263	0.759
50338.4416	0.007	7.330	1.049	0.669
50340.3594	0.249	7.455	1.160	0.723
50341.3667	0.376	7.673	1.270	0.773
50342.3828	0.505	7.780	1.320	0.792
50344.3646	0.755	8.042	1.394	0.817
50347.3760	0.136	7.453	1.139	0.685
		TV Cam		
50323.4783	0.320	11.774	1.185	0.743
50326.3987	0.872	11.972	1.206	0.722
50327.4495	0.070	11.278	0.964	0.596
50328.4575	0.261	11.605	1.173	0.711
50332.3733	0.000	11.219	0.941	0.608

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50333.3767	0.190	11.525	1.089	0.715
50334.3925	0.382	11.777	1.252	0.732
50335.3982	0.572	12.016	1.332	0.815
50337.3599	0.942	11.546	1.037	0.663
50338.4430	0.147	11.445	1.063	0.667
50340.3609	0.509	11.955	1.273	0.771
50341.3687	0.699	12.144	1.351	0.818
50342.3843	0.891	11.822	1.153	0.715
50344.3707	0.266	11.624	1.183	0.727
50347.3773	0.834	12.081	1.282	0.756
		AB Cam		
50323.4660	0.804	12.084	1.308	0.745
50326.3883	0.309	11.946	1.278	0.747
50327.4207	0.488	12.141	1.391	0.797
50328.4506	0.666	12.297	1.419	0.811
50332.3677	0.342	11.928	1.315	0.797
50333.3701	0.516	12.197	1.381	0.860
50334.3870	0.691	12.338	1.417	0.801
50335.3937	0.865	11.687	1.122	0.695
50337.3266	0.199	11.799	1.275	0.741
50338.4395	0.391	11.988	1.320	0.785
50340.3573	0.723	12.324	1.460	0.823
50341.3645	0.897	11.455	1.029	0.634
50342.3796	0.072	11.568	1.136	0.659
50344.3622	0.415	12.026	1.333	0.807
50347.3731	0.935	11.375	0.998	0.584
		AC Cam		
50323.4634	0.988	12.426	1.429	0.897
50326.3832	0.690	12.854	1.657	0.984
50327.4178	0.939	12.601	1.515	0.951
50328.4450	0.186	12.360	1.476	0.895
50332.3643	0.129	12.316	1.402	0.924
50333.3653	0.370	12.599	1.598	1.004
50334.3786	0.614	12.790	1.675	0.990
50335.3908	0.857	12.867	1.643	1.017
50337.3233	0.322	12.549	1.612	0.959
50338.4356	0.590	12.795	1.630	1.016
50340.3548	0.052	12.260	1.400	0.883
50341.3617	0.294	12.536	1.550	0.973
50342.3742	0.537	12.715	1.589	0.976
50344.3596	0.015	12.298	1.424	0.877
50347.3685	0.739	12.863	1.669	0.982
		RS Cas		
50306.4324	0.469	10.146	1.621	0.944
50307.3678	0.617	10.239	1.669	1.007
50310.4118	0.101	9.657	1.412	0.863
50311.4314	0.263	9.938	1.468	0.933
50312.4106	0.418	10.013	1.582	0.961
50314.3859	0.732	10.354	1.634	0.996

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50315.3303	0.882	9.864	1.477	0.865
50316.3569	0.045	9.600	1.350	–
50317.3698	0.206	9.815	1.503	0.889
50318.3567	0.362	9.973	1.559	0.942
50319.3595	0.522	10.141	1.667	–
50320.3594	0.681	10.326	1.689	0.982
50321.3501	0.838	10.038	1.541	0.952
50322.3372	0.995	9.552	1.343	0.814
50323.3347	0.153	9.786	1.494	0.884
50324.3184	0.309	9.939	1.595	0.915
50325.3083	0.467	10.081	1.658	0.947
50326.2432	0.615	10.296	1.669	0.959
		RW Cas		
50306.4166	0.694	9.559	1.385	0.743
50310.4806	0.968	8.750	1.049	0.610
50312.4830	0.104	9.084	1.213	0.704
50314.4593	0.237	9.222	1.377	0.749
50315.4171	0.302	9.295	1.459	0.738
50316.4109	0.369	9.458	1.488	0.796
50317.4478	0.439	9.585	1.542	0.801
50318.4300	0.506	9.706	1.558	0.811
50319.4441	0.574	9.738	1.534	0.795
50320.4267	0.641	9.670	1.464	0.779
50321.4456	0.710	9.452	1.318	0.722
50322.4044	0.774	9.453	1.304	0.711
50323.4090	0.842	9.077	1.127	0.632
50324.3806	0.908	8.648	0.971	0.559
50325.3660	0.975	8.780	1.063	0.597
50326.3082	0.038	8.897	1.129	0.633
50327.3721	0.110	8.993	1.244	0.671
50330.3285	0.310	9.326	1.435	0.757
50332.3100	0.444	9.591	1.538	0.850
50333.2930	0.510	9.705	1.566	0.928
50334.3244	0.580	9.754	1.536	0.847
50335.3360	0.648	9.658	1.460	0.805
50336.3640	0.718	9.582	1.316	0.716
50337.2726	0.779	9.442	1.291	0.707
50338.3990	0.855	8.862	1.002	0.581
50340.2875	0.983	8.795	1.053	0.609
50341.2812	0.050	8.920	1.166	0.670
50342.3049	0.119	8.977	1.255	0.663
50344.3088	0.255	9.224	1.412	0.788
50347.3082	0.458	9.627	1.559	0.795
50349.2572	0.589	9.746	1.534	0.800
		SU Cas		
50305.3997	0.305	5.978	0.780	0.465
50306.4053	0.821	5.977	0.757	0.437
50314.4863	0.966	5.776	0.678	0.423
50315.4301	0.451	6.066	0.836	0.468

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50316.4277	0.962	5.788	0.678	0.425
50317.4652	0.495	6.115	0.815	0.497
50318.4557	0.003	5.776	0.664	0.415
50319.4838	0.530	6.144	0.811	0.495
50320.4805	0.041	5.780	0.661	0.423
50321.4964	0.563	6.153	0.802	0.502
50322.4285	0.041	5.769	0.685	0.440
50323.5062	0.594	6.193	0.811	0.512
50326.4836	0.121	5.843	0.692	0.426
50332.4778	0.196	5.879	0.742	–
50335.4864	0.739	6.109	0.779	0.560
50337.4931	0.769	6.046	0.787	0.490
50338.4883	0.279	5.946	0.756	0.465
50341.4770	0.813	5.972	0.756	0.458
50347.4806	0.892	5.868	0.721	0.450
		SW Cas		
50306.4298	0.772	10.004	1.282	0.702
50307.3649	0.944	9.377	1.044	0.614
50310.3974	0.502	9.875	1.284	0.723
50311.4158	0.689	10.052	1.268	0.736
50312.3951	0.869	9.673	1.089	0.649
50314.3794	0.234	9.617	1.141	0.681
50315.3240	0.407	9.785	1.273	0.701
50316.3221	0.591	9.965	1.311	0.736
50317.3331	0.776	9.952	1.282	0.702
50318.3409	0.962	9.367	1.002	0.578
50319.3125	0.140	9.506	1.127	0.621
50320.3318	0.328	9.731	1.245	0.735
50321.3261	0.510	9.881	1.297	–
50322.3301	0.695	10.035	1.346	0.741
50323.3240	0.877	9.674	1.117	0.675
50324.3128	0.059	9.410	1.059	0.610
50325.2985	0.240	9.603	1.184	0.662
		SZ Cas		
50305.3974	0.879	10.004	1.559	0.937
50306.4498	0.957	9.956	1.540	0.840
50307.3836	0.025	9.831	1.464	0.904
50314.4708	0.546	9.921	1.543	0.958
50315.4258	0.616	9.920	1.603	0.933
50316.4238	0.689	9.998	1.589	0.960
50317.4697	0.766	10.000	1.592	0.942
50318.4539	0.838	10.005	1.545	0.939
50319.4578	0.912	9.969	1.520	0.921
50320.4544	0.985	9.912	1.478	0.905
50321.4604	0.059	9.775	1.452	0.861
50322.4190	0.129	9.668	1.401	0.861
50323.4188	0.202	9.619	1.410	0.867
50324.3899	0.274	9.632	1.432	0.867
50325.3724	0.346	9.699	1.464	0.883

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50326.3202	0.416	9.801	1.492	0.904
50327.3795	0.493	9.834	1.549	0.913
50330.3367	0.710	9.941	1.568	0.933
50332.3149	0.856	9.988	1.576	0.963
50333.3182	0.929	9.950	1.534	0.910
50334.3306	0.004	9.894	1.485	0.932
50335.3419	0.078	9.767	1.440	0.911
50336.3766	0.154	9.626	1.358	0.841
50337.2827	0.220	9.655	1.409	0.845
50338.4060	0.303	9.672	1.438	0.863
50340.2933	0.441	9.811	1.459	0.915
50341.2975	0.515	9.881	1.572	0.949
50342.3144	0.590	9.908	1.590	0.939
50344.3155	0.737	9.997	1.603	0.985
50347.3166	0.957	9.947	1.509	0.920
50349.2747	0.101	9.697	1.425	0.856
		TU Cas		
50305.3270	0.236	7.651	0.647	0.352
50305.3970	0.269	7.667	0.655	0.368
50306.1973	0.643	7.922	0.690	0.352
50306.4616	0.767	8.053	0.796	0.347
50307.3398	0.177	7.532	0.621	0.329
50307.3964	0.204	7.575	0.654	0.356
50307.4420	0.225	7.630	0.681	0.370
50310.4468	0.629	7.949	0.761	0.417
50311.3058	0.031	7.379	0.506	0.273
50311.3314	0.043	7.334	0.511	0.279
50311.3474	0.050	7.315	0.495	0.278
50311.4561	0.101	7.337	0.479	0.299
50312.2083	0.453	7.870	0.709	0.495
50312.4341	0.558	7.997	0.819	0.430
50313.2655	0.947	7.160	0.423	0.201
50313.3102	0.968	7.170	0.447	0.215
50313.3298	0.977	7.189	0.454	0.218
50314.2065	0.387	7.922	0.740	0.399
50314.2520	0.408	7.942	0.746	0.401
50314.4183	0.486	7.976	0.772	0.422
50315.2547	0.877	7.771	0.622	0.458
50315.3566	0.924	7.679	0.645	0.372
50315.4469	0.967	7.602	0.653	0.317
50316.1710	0.305	7.625	0.582	0.332
50316.3150	0.372	7.737	0.685	0.357
50316.4368	0.429	7.807	0.700	0.397
50317.2711	0.819	8.074	0.760	0.410
50317.4334	0.895	7.880	0.698	0.377
50318.2185	0.262	7.739	0.685	0.371
50318.3106	0.305	7.810	0.717	0.378
50318.3790	0.337	7.859	0.735	0.411
50319.2126	0.727	8.081	0.754	0.416
50319.2533	0.746	8.050	0.753	0.406

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50319.3184	0.776	7.980	0.743	0.395
50319.3400	0.786	7.935	0.739	0.397
50319.3888	0.809	7.846	0.695	0.443
50320.3181	0.244	7.771	0.692	0.373
50320.3540	0.260	7.770	0.704	0.372
50320.4203	0.291	7.782	0.697	0.376
50321.1936	0.653	7.948	0.700	0.402
50321.2513	0.680	7.984	0.742	0.410
50321.3064	0.706	7.975	0.779	0.498
50321.3362	0.720	7.982	0.753	0.511
50321.3819	0.741	7.979	0.764	0.420
50321.4342	0.765	7.978	0.759	0.411
50321.4963	0.794	7.973	0.706	0.370
50322.2034	0.125	7.319	0.490	0.260
50322.2882	0.165	7.417	0.567	0.299
50322.3261	0.182	7.461	0.574	0.323
50322.3534	0.195	7.495	0.586	0.323
50322.4493	0.240	7.569	0.625	0.383
50323.2214	0.601	8.065	0.772	0.431
50323.3573	0.664	8.097	0.809	0.399
50323.4081	0.688	8.087	0.829	0.437
50323.4562	0.711	8.085	0.826	0.417
50324.2198	0.067	7.496	0.557	0.303
50324.3334	0.121	7.604	0.640	0.333
50324.4034	0.153	7.644	0.672	0.365
50325.1932	0.523	7.948	0.746	0.386
50325.2001	0.526	7.959	0.742	0.396
50325.2211	0.536	7.970	0.757	0.393
50325.2347	0.542	7.956	0.742	0.400
50325.2485	0.548	7.965	0.757	0.409
50325.2633	0.555	7.969	0.758	0.407
50325.2768	0.562	7.975	0.770	0.405
50325.2927	0.569	7.952	0.770	0.412
50325.3078	0.576	7.965	0.770	0.405
50325.3206	0.582	7.979	0.771	0.412
50325.3346	0.589	7.981	0.769	0.416
50325.3660	0.603	7.978	0.774	0.426
50325.3798	0.610	7.982	0.772	0.423
50325.4089	0.623	7.972	0.775	0.429
50326.1741	0.981	7.645	0.595	0.319
50326.2502	0.017	7.654	0.590	0.313
50326.2614	0.022	7.632	0.595	0.314
50326.3789	0.077	7.580	0.576	0.300
50326.4282	0.100	7.546	0.579	0.312
50326.4679	0.118	7.527	0.569	0.327
50327.2854	0.500	7.909	0.734	0.333
50327.3227	0.518	7.889	0.752	0.398
50327.3976	0.553	7.938	0.765	0.395
50328.4015	0.022	7.130	0.484	0.187
50330.2531	0.888	7.607	0.587	0.312
50330.2980	0.909	7.612	0.566	0.302

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50332.2499	0.821	7.994	0.724	0.330
50332.2751	0.833	7.994	0.723	0.369
50332.3416	0.864	7.964	0.739	0.472
50332.4062	0.894	7.924	0.714	0.454
50333.2392	0.284	7.685	0.643	0.342
50333.2809	0.303	7.727	0.682	0.469
50333.3091	0.316	7.742	0.697	0.403
50333.3436	0.332	7.777	0.703	0.439
50333.4131	0.365	7.842	0.697	0.504
50333.4518	0.383	7.870	0.721	0.508
50333.4859	0.399	7.886	0.706	0.509
50334.2658	0.763	8.113	0.767	0.397
50334.3141	0.786	8.079	0.768	0.453
50334.3622	0.808	8.002	0.749	0.393
50334.4153	0.833	7.855	0.689	0.351
50335.3023	0.248	7.797	0.697	0.381
50336.3549	0.740	7.936	0.726	0.390
50337.2627	0.164	7.458	0.583	0.293
50337.3114	0.187	7.479	0.607	0.322
50337.3582	0.209	7.526	0.628	0.319
50337.4084	0.232	7.551	0.623	0.339
50337.4681	0.260	7.587	0.613	0.326
50338.3852	0.689	8.059	0.815	0.417
50340.1990	0.537	7.997	0.780	0.422
50340.2684	0.569	8.033	0.776	0.449
50341.2232	0.016	7.591	0.588	0.306
50341.2681	0.037	7.610	0.604	0.302
50341.3852	0.091	7.610	0.621	0.329
50342.2017	0.473	7.825	0.716	0.391
50342.2930	0.516	7.851	0.732	0.393
50344.2829	0.446	7.952	0.773	0.413
50347.2544	0.835	7.912	0.722	0.378
50349.2305	0.759	8.141	0.790	0.427
50357.2189	0.493	7.903	0.726	0.383
		UZ Cas		
50310.4682	0.083	10.983	0.965	0.592
50311.4729	0.319	11.363	1.131	0.722
50312.4697	0.553	–	1.213	0.772
50314.4394	0.016	10.975	0.935	0.568
50315.3894	0.239	11.222	1.100	0.647
50316.3922	0.474	11.508	1.263	0.730
50317.4337	0.719	11.705	1.261	0.739
50318.4074	0.947	11.238	1.026	0.622
50319.4209	0.185	11.135	1.048	0.622
50320.4064	0.417	11.449	1.193	0.710
50321.4058	0.651	11.637	1.275	0.722
50321.4130	0.653	11.665	1.259	0.738
50322.3766	0.879	11.603	1.182	0.700
50323.3819	0.115	11.074	0.998	0.594
50324.3644	0.346	11.388	1.174	0.689
50325.3538	0.578	11.609	1.259	0.739

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
		VV Cas		
50314.4646	0.695	11.197	1.340	0.784
50315.4208	0.849	10.863	1.196	0.681
50316.4206	0.010	10.339	0.974	0.609
50317.4532	0.176	10.578	1.132	0.671
50318.4490	0.337	10.786	1.224	0.732
50319.4520	0.498	10.975	1.292	0.752
50320.4497	0.659	11.162	1.341	0.793
50321.4549	0.821	11.019	1.229	0.721
50322.4133	0.975	10.309	0.962	0.579
50323.4148	0.137	10.527	1.129	0.652
50324.3882	0.294	10.729	1.241	0.709
50325.3714	0.452	10.875	1.305	0.738
50326.3171	0.604	11.125	1.319	0.772
		VW Cas		
50310.4662	0.582	10.983	1.397	0.792
50311.4704	0.749	11.104	1.381	0.829
50312.4605	0.914	10.681	1.136	0.699
50314.4321	0.243	10.682	1.233	0.736
50315.3878	0.403	10.800	1.321	0.756
50316.3830	0.569	10.984	1.407	0.817
50317.4033	0.739	11.072	1.411	0.782
50318.3999	0.905	10.667	1.163	0.696
50319.4144	0.075	10.433	1.150	0.652
50320.3985	0.239	10.660	1.242	0.720
50321.3920	0.404	10.799	1.330	0.761
50322.3750	0.568	11.001	1.372	0.788
50323.3773	0.736	11.130	1.429	0.770
50324.3624	0.900	10.700	1.177	0.699
50325.3523	0.065	10.449	1.115	0.652
50326.2875	0.221	10.645	1.217	0.712
50327.3674	0.401	10.805	1.313	0.741
50329.1795	0.704	–	1.413	0.771
50330.2024	0.874	10.714	1.219	0.710
50332.1972	0.207	10.606	1.194	–
50333.2215	0.378	10.772	1.257	0.768
50334.2106	0.543	10.948	1.370	0.769
50334.4341	0.580	10.984	1.361	0.763
50335.2071	0.709	11.081	1.409	0.785
50335.4441	0.749	11.094	1.354	0.792
50336.2072	0.876	10.753	1.205	0.719
50337.1999	0.042	10.442	1.074	0.638
50337.4567	0.085	–	1.136	0.646
50338.4780	0.255	10.665	1.219	–
50340.2013	0.543	10.951	1.371	0.761
50341.1882	0.707	11.076	1.382	0.754
50341.4446	0.750	11.074	1.348	0.738
50342.1891	0.874	10.750	1.203	0.708
50344.1878	0.208	10.620	1.223	0.727

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50347.1779	0.707	11.113	1.415	0.787
50347.4393	0.750	11.052	1.380	0.756
50349.1851	0.041	10.380	1.095	0.632
		XY Cas		
50310.4645	0.566	10.146	1.276	0.725
50311.4691	0.789	10.202	1.197	0.732
50312.4585	0.009	9.700	0.997	0.593
50314.4307	0.447	10.091	1.227	0.704
50315.3862	0.660	10.206	1.292	0.727
50316.3817	0.881	9.953	1.123	0.679
50317.4016	0.107	9.733	1.078	0.619
50318.3978	0.329	9.977	1.186	0.686
50319.4057	0.552	10.131	1.273	0.706
50320.3885	0.771	10.215	1.249	0.700
50321.3906	0.993	9.651	1.007	0.592
50322.3726	0.212	9.873	1.146	0.659
50323.3752	0.434	10.099	1.263	0.667
50324.3483	0.650	10.203	1.289	0.706
50325.3513	0.873	9.981	1.128	0.650
50326.2861	0.081	9.729	1.030	0.610
		AP Cas		
50310.4515	0.306	11.631	1.497	0.886
50311.4618	0.453	11.787	1.511	0.914
50312.4491	0.598	11.969	1.611	0.912
50314.4205	0.886	11.308	1.270	0.783
50315.3794	0.026	11.391	1.380	0.814
50316.3733	0.171	11.497	1.436	0.892
50317.3948	0.320	11.643	1.494	0.874
50318.3823	0.464	11.793	1.569	0.892
50319.3983	0.613	11.857	1.549	0.893
50320.3819	0.756	11.576	1.417	0.816
50321.3823	0.902	11.292	1.318	0.777
50322.3697	0.047	11.456	1.358	0.844
50323.3629	0.192	11.556	1.499	0.808
50324.3362	0.334	11.659	1.477	0.874
50325.3438	0.481	11.798	1.575	0.884
50326.2682	0.616	11.882	1.527	0.880
		AS Cas		
50305.2482	0.489	12.519	1.508	0.897
50305.3239	0.514	12.576	1.499	0.927
50306.1942	0.802	12.176	1.209	0.786
50306.4559	0.888	12.004	1.283	0.717
50307.3372	0.180	12.273	1.434	0.881
50307.3907	0.197	12.243	1.462	0.883
50307.4381	0.213	12.290	1.442	0.890
50310.4423	0.206	12.012	1.319	0.829
50311.3011	0.490	12.433	1.420	0.906
50311.3271	0.499	12.471	1.454	0.933
50311.3438	0.504	12.472	1.436	0.954

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50311.4524	0.540	12.484	1.439	0.954
50312.2043	0.789	12.495	1.390	0.979
50312.4309	0.864	12.098	1.331	0.838
50313.2616	0.138	12.147	1.320	0.825
50313.3068	0.153	12.175	1.376	0.854
50313.3262	0.160	12.201	1.335	0.865
50314.2028	0.449	12.507	1.438	0.910
50314.2483	0.465	12.516	1.462	0.902
50314.4147	0.520	12.501	1.454	0.915
50315.2507	0.796	12.304	1.321	0.931
50315.3537	0.830	12.238	1.355	0.884
50315.4415	0.859	12.168	1.407	0.825
50316.1664	0.099	12.165	1.292	0.816
50316.3101	0.146	12.225	1.351	0.816
50316.4332	0.187	12.124	1.349	0.836
50317.2667	0.462	12.300	1.399	0.857
50317.4293	0.516	12.370	1.428	0.875
50318.2149	0.776	12.557	1.460	0.893
50318.3072	0.806	12.535	1.465	0.894
50318.3757	0.829	12.541	1.451	0.902
50319.2096	0.105	11.924	1.235	0.776
50319.2497	0.118	11.958	1.236	0.785
50319.3374	0.147	12.036	1.320	0.811
50319.3850	0.163	12.060	1.366	0.888
50320.3154	0.470	12.520	1.492	0.918
50320.4166	0.504	12.494	1.498	0.912
50321.1899	0.760	12.364	1.352	0.865
50321.2474	0.779	12.323	1.346	0.854
50321.3337	0.807	12.199	1.365	0.918
50321.3768	0.821	12.106	1.354	0.835
50321.4294	0.839	12.065	1.284	0.805
50322.2004	0.094	12.201	1.358	0.835
50322.2850	0.122	12.245	1.402	0.871
50322.4616	0.180	12.326	1.356	0.904
50323.2182	0.430	12.371	1.451	0.872
50323.3531	0.475	12.388	1.498	0.841
50323.4040	0.492	12.398	1.423	0.890
50323.4528	0.508	12.356	1.427	0.884
50324.2163	0.760	12.406	1.438	0.870
50324.3297	0.798	12.430	1.390	0.893
50325.1905	0.082	11.882	1.175	0.748
50325.1975	0.084	11.881	1.182	0.750
50325.2186	0.091	11.873	1.223	0.742
50325.2322	0.096	11.857	1.227	0.758
50325.2457	0.100	11.887	1.212	0.760
50325.2601	0.105	11.887	1.232	0.765
50325.2742	0.110	11.884	1.270	0.744
50325.2901	0.115	11.857	1.228	0.760
50325.3048	0.120	11.885	1.277	0.780
50325.3179	0.124	11.891	1.246	0.773
50325.3349	0.130	11.913	1.206	0.775

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50325.3635	0.139	11.921	1.261	0.780
50325.3769	0.144	11.910	1.248	0.799
50325.4064	0.154	11.926	1.248	0.825
50326.1713	0.406	12.354	1.377	0.892
50326.2467	0.431	12.449	1.413	0.888
50326.3754	0.474	12.465	1.443	0.868
50326.4227	0.490	12.471	1.474	0.910
50326.4626	0.503	12.478	1.435	0.916
50327.2792	0.773	12.572	1.481	0.803
50327.3172	0.785	12.487	1.471	0.889
50327.3921	0.810	12.417	1.443	0.873
50328.3984	0.143	12.142	1.411	0.828
50330.2489	0.755	12.351	1.397	0.857
50330.2940	0.769	12.340	1.370	0.852
50332.2452	0.415	12.242	1.375	0.778
50332.2704	0.423	12.264	1.398	0.787
50332.3364	0.445	12.259	1.453	0.929
50332.4008	0.466	12.295	1.429	0.927
50333.2349	0.742	12.548	1.449	0.893
50333.2764	0.755	12.528	1.516	0.952
50333.3393	0.776	12.546	1.476	0.956
50334.2628	0.082	11.877	1.234	0.741
50334.3100	0.097	11.931	1.252	0.825
50334.3587	0.113	11.967	1.291	0.785
50334.4127	0.131	11.993	1.308	0.784
50335.2985	0.424	12.477	1.476	0.897
50336.3503	0.772	12.310	1.403	0.843
50337.2584	0.072	12.187	1.356	0.833
50337.3084	0.089	12.208	1.416	0.855
50337.3553	0.104	12.244	1.441	0.852
50337.4045	0.120	12.269	1.382	0.889
50337.4644	0.140	12.308	1.398	0.838
50338.3820	0.443	12.339	1.462	0.874
50340.1958	0.043	11.901	1.221	0.784
50340.2401	0.058	11.882	1.194	0.754
50340.2645	0.066	11.881	1.201	0.783
50340.3527	0.095	11.854	1.239	0.780
50341.2202	0.382	12.309	1.405	0.861
50341.2650	0.397	12.344	1.400	0.882
50341.3821	0.435	12.373	1.469	0.886
50342.1978	0.705	12.594	1.501	0.926
50342.2893	0.735	12.554	1.518	0.895
50344.2798	0.393	12.459	1.443	0.883
50347.2511	0.376	12.219	1.370	0.870
50349.2270	0.029	11.780	1.203	0.751
50357.2157	0.670	12.596	1.456	0.907
		AW Cas		
50310.4726	0.932	12.025	1.425	0.936
50311.4772	0.167	11.879	1.363	0.973
50312.4750	0.400	12.192	1.551	1.001

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50314.4469	0.861	12.409	1.547	0.997
50315.4058	0.085	11.719	1.339	0.835
50316.3967	0.317	12.066	1.541	0.982
50317.4380	0.560	12.302	1.650	0.996
50318.4128	0.788	12.458	1.602	1.019
50319.4260	0.025	11.623	1.326	0.825
50320.4106	0.255	11.985	1.483	0.925
50321.4178	0.490	12.250	1.606	0.993
50322.3809	0.715	12.437	1.589	1.015
50322.3822	0.716	12.430	1.690	1.019
50323.3876	0.951	11.917	1.417	0.886
50324.3703	0.180	11.869	1.402	0.908
50325.3573	0.411	12.194	1.595	0.991
50326.2970	0.631	12.380	1.581	1.024
		AY Cas		
50310.4824	0.779	11.799	1.430	0.862
50314.4608	0.165	11.242	1.158	0.719
50315.4185	0.498	11.588	1.421	0.790
50316.4132	0.845	11.824	1.421	0.842
50317.4489	0.206	11.184	1.164	0.708
50318.4439	0.552	11.653	1.388	0.828
50319.4456	0.901	11.846	1.426	0.820
50320.4287	0.243	11.315	1.224	0.730
50321.4470	0.598	11.718	1.419	0.804
50322.4071	0.932	11.775	1.366	0.809
50323.4099	0.282	11.345	1.248	0.737
50324.3813	0.620	11.694	1.382	0.815
50325.3666	0.963	11.810	1.392	0.813
50326.3099	0.292	11.355	1.221	0.750
50327.3734	0.662	11.772	1.445	0.818
50330.3301	0.692	11.741	1.382	0.829
50332.3174	0.384	11.430	1.331	0.814
50333.3116	0.730	11.809	1.457	0.842
50334.3259	0.083	11.171	1.152	0.717
50335.3368	0.436	11.581	1.359	0.834
50336.3718	0.796	11.803	1.397	0.842
50337.2766	0.111	11.270	1.200	0.688
50338.4008	0.503	11.585	1.365	0.791
50340.2882	0.160	11.136	1.109	0.696
50341.2910	0.509	11.664	1.411	0.839
50342.3069	0.863	11.824	1.429	0.831
50344.3098	0.561	11.639	1.401	0.852
50347.3101	0.606	11.732	1.428	0.824
50349.2692	0.288	11.368	1.284	0.751
		BF Cas		
50310.4368	0.740	12.822	1.437	0.906
50311.4489	0.019	12.310	1.117	0.804
50312.4258	0.288	12.287	1.277	0.814
50314.4067	0.834	12.858	1.457	0.891

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50315.3651	0.098	11.958	1.079	0.709
50316.3683	0.374	12.426	1.359	0.844
50317.3807	0.653	12.749	1.469	0.871
50318.3687	0.925	12.815	1.440	0.862
50319.3751	0.202	12.150	1.210	0.805
50320.3769	0.478	12.566	1.436	0.832
50321.3677	0.751	12.792	1.499	0.899
50322.3631	0.025	12.236	1.169	0.751
50323.3446	0.296	12.350	1.289	0.802
50324.3261	0.566	12.694	1.398	0.855
50325.3155	0.839	12.836	1.379	0.874
50326.2587	0.098	12.002	1.098	0.684
		BP Cas		
50310.4700	0.339	11.136	1.665	1.005
50311.4751	0.499	11.327	1.651	1.048
50312.4718	0.658	11.255	1.588	0.992
50314.4409	0.972	10.720	1.420	0.891
50315.4025	0.125	10.895	1.561	0.909
50316.3939	0.283	11.027	1.654	0.977
50317.4356	0.449	11.230	1.696	0.987
50318.4100	0.604	11.323	1.678	1.000
50319.4234	0.766	10.743	1.451	0.868
50320.4085	0.923	10.635	1.408	0.860
50321.4156	0.084	10.841	1.548	0.912
50322.3785	0.237	10.976	1.592	0.962
50323.3845	0.397	11.201	1.696	0.985
50324.3672	0.554	11.365	1.643	1.020
50325.3549	0.712	11.013	1.516	0.917
		BV Cas		
50310.4752	0.018	11.999	1.465	0.920
50312.4779	0.389	12.555	1.732	1.066
50314.4501	0.754	12.791	1.736	1.063
50315.4089	0.932	11.986	1.453	0.873
50316.4058	0.116	12.177	1.554	0.967
50317.4421	0.308	12.426	1.675	1.023
50318.4184	0.489	12.631	1.756	1.066
50319.4294	0.676	12.737	1.790	1.064
50320.4209	0.860	12.384	1.564	0.978
50321.4261	0.046	12.034	1.499	0.911
50322.3858	0.224	12.343	1.646	1.017
50323.3950	0.411	12.565	1.720	1.069
50323.3978	0.411	12.554	1.754	1.060
50324.3751	0.592	12.702	1.682	1.081
50325.3602	0.775	12.729	1.603	1.055
50326.3017	0.949	11.973	1.431	0.891
		BY Cas		
50307.3766	0.672	10.196	1.252	0.744
50315.4229	0.169	10.477	1.397	0.783

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R*$_c$
50316.4173	0.478	10.441	1.311	0.783
50317.4515	0.799	10.187	1.243	0.733
50318.4466	0.108	10.465	1.349	0.803
50319.4489	0.419	10.490	1.339	0.784
50320.4472	0.729	10.202	1.233	0.736
50321.4522	0.041	10.400	1.337	0.771
50322.4098	0.338	10.552	1.398	0.798
50323.4123	0.649	10.260	1.258	0.744
50324.3838	0.951	10.307	1.316	0.768
50325.3689	0.257	10.539	1.404	0.793
50326.3145	0.550	10.359	1.292	0.767
50327.3767	0.880	10.237	1.285	0.748
50328.4091	0.200	10.519	1.390	0.792
50330.3341	0.798	10.150	1.228	0.726
50332.3128	0.412	10.498	1.359	0.851
50333.3157	0.723	10.187	1.250	0.738
50334.3281	0.038	10.406	1.337	0.815
50335.3394	0.352	10.550	1.391	0.835
50336.3743	0.673	10.205	1.228	0.720
50337.2792	0.954	10.366	1.324	0.742
50338.4038	0.303	10.551	1.395	0.801
50340.2905	0.888	10.259	1.240	0.759
50341.2940	0.200	10.537	1.409	0.835
50342.3103	0.515	10.370	1.315	0.767
50344.3127	0.137	10.476	1.382	0.841
50347.3128	0.068	10.427	1.365	0.782
50349.2719	0.676	10.212	1.258	0.727
		CD Cas		
50310.4278	0.282	10.610	1.450	0.881
50311.4401	0.412	10.733	1.443	0.918
50312.4180	0.537	10.957	1.578	0.978
50314.3917	0.790	11.203	1.656	0.992
50315.3340	0.911	10.946	1.523	0.918
50316.3623	0.043	10.417	1.283	0.871
50317.3746	0.173	10.516	1.376	0.843
50318.3612	0.299	10.632	1.436	0.891
50319.3679	0.428	10.734	1.509	0.980
50320.3665	0.556	10.984	1.622	0.963
50322.3543	0.811	11.190	1.693	0.981
50323.3386	0.937	10.879	1.520	0.912
50324.3210	0.063	10.397	1.291	0.810
50325.3105	0.190	10.552	1.397	0.852
50326.2528	0.311	10.640	1.438	0.862
50327.3101	0.446	10.773	1.528	0.933
50330.2613	0.825	11.197	1.628	0.962
50332.2387	0.078	10.397	1.251	0.733
50333.2460	0.207	10.565	1.355	0.834
50334.2510	0.336	10.615	1.416	0.865
50335.2902	0.469	10.882	1.531	0.957
50336.3189	0.601	10.985	1.625	0.943

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50337.2244	0.717	11.167	1.659	0.957
50338.3546	0.862	11.088	1.600	0.944
50340.2338	0.103	10.421	1.284	0.797
50341.2302	0.231	10.611	1.403	0.864
50342.2491	0.361	–	1.490	0.880
50344.2666	0.620	11.036	1.629	0.886
50347.2424	0.001	10.553	1.336	0.829
50349.2154	0.254	10.621	1.437	0.890
		CE Cas		
50305.3291	–	10.220	1.196	0.709
50307.3708	–	10.093	1.146	0.690
50310.4324	–	10.213	1.194	0.686
50311.3220	–	10.148	1.160	0.690
50311.3582	–	10.153	1.133	0.669
50312.4223	–	10.222	1.200	0.718
50313.3228	–	10.378	1.263	0.732
50314.3964	–	10.344	1.223	0.725
50315.3526	–	10.169	1.143	0.719
50315.4349	–	10.141	1.162	0.669
50316.3646	–	10.018	1.107	0.698
50317.3775	–	10.250	1.239	0.720
50318.3641	–	10.447	1.293	0.748
50319.3714	–	10.414	1.268	0.797
50320.3736	–	10.007	1.082	0.634
50321.3370	–	10.074	1.142	0.768
50321.3616	–	10.069	1.148	0.716
50322.3599	–	10.312	1.293	0.736
50323.3413	–	10.486	1.350	0.766
50324.3233	–	10.478	1.261	0.737
50325.3132	–	9.916	1.054	0.620
50326.2562	–	10.138	1.150	0.673
50327.3142	–	10.303	1.277	0.716
50328.3952	–	10.470	1.343	0.717
50330.2656	–	10.036	1.065	0.643
50332.2425	–	10.340	1.244	0.651
50333.2503	–	10.430	1.241	0.691
50334.2601	–	10.171	1.095	0.641
50335.2945	–	10.112	1.117	0.676
50336.3223	–	10.175	1.194	0.680
50337.2287	–	10.367	1.273	0.711
50338.3576	–	10.182	1.163	0.686
50340.2377	–	10.216	1.165	0.684
50341.2350	–	10.217	1.159	0.681
50342.2535	–	10.300	1.273	0.719
50344.2698	–	10.335	1.240	0.631
50347.2467	–	10.111	1.142	0.670
50349.2202	–	10.395	1.285	0.742
50357.2050	–	10.092	1.121	0.640
		CF Cas		
50305.3302	0.624	11.402	1.404	0.787

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50307.3725	0.042	10.896	1.220	0.704
50310.4339	0.670	11.366	1.380	0.769
50311.3234	0.853	10.942	1.122	0.682
50311.3590	0.860	10.941	1.109	0.657
50312.4238	0.079	10.975	1.184	0.738
50313.3233	0.263	11.159	1.267	0.751
50314.3974	0.483	11.337	1.326	0.791
50315.3530	0.679	11.365	1.360	0.799
50315.4356	0.696	11.339	1.382	0.757
50316.3652	0.887	10.865	1.123	0.712
50317.3783	0.095	10.998	1.213	0.714
50318.3647	0.297	11.199	1.294	0.764
50319.3723	0.504	11.309	1.357	0.833
50320.3742	0.709	11.357	1.354	0.757
50321.3379	0.907	10.841	1.127	0.751
50321.3624	0.912	10.838	1.111	0.698
50322.3606	0.117	11.029	1.242	0.710
50323.3422	0.318	11.236	1.345	0.777
50324.3239	0.520	11.340	1.361	0.779
50325.3136	0.723	11.322	1.320	0.756
50326.2569	0.916	10.870	1.096	0.652
50327.3148	0.133	11.016	1.206	0.734
50328.3958	0.355	11.205	1.355	0.725
50330.2662	0.738	11.340	1.263	0.732
50332.2432	0.144	11.041	1.196	0.637
50333.2510	0.351	11.210	1.308	0.716
50334.2609	0.558	11.362	1.347	0.751
50335.2952	0.770	11.208	1.227	0.729
50336.3231	0.981	10.853	1.126	0.640
50337.2292	0.167	11.076	1.246	0.710
50338.3582	0.398	11.247	1.366	0.764
50340.2385	0.784	11.150	1.233	0.702
50341.2360	0.989	10.894	1.108	0.664
50342.2541	0.197	11.081	1.286	0.743
50344.2704	0.611	11.398	1.360	0.677
50347.2473	0.222	11.127	1.269	0.744
50349.2211	0.626	11.397	1.392	0.776
50357.2057	0.264	11.186	1.270	0.731
		CH Cas		
50310.3999	0.095	10.452	1.450	0.915
50311.4185	0.163	10.504	1.392	0.924
50312.3969	0.228	10.706	1.543	0.981
50314.3751	0.359	10.897	1.661	1.065
50315.3250	0.422	10.989	1.761	1.062
50316.3244	0.488	11.101	1.814	1.095
50317.3340	0.555	11.201	1.899	1.098
50318.3416	0.622	11.321	1.887	1.102
50319.3135	0.686	11.420	1.919	1.129
50320.3378	0.754	11.461	1.919	1.170
50321.3267	0.820	11.407	1.838	1.195

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50322.3308	0.886	11.323	1.765	1.109
50323.3217	0.952	11.216	1.748	1.079
50324.3133	0.018	11.054	1.640	1.016
50325.2988	0.083	10.563	1.473	0.920
50326.2389	0.145	10.475	1.403	0.905
		CY Cas		
50310.4083	0.843	11.972	1.858	1.111
50311.4253	0.914	11.972	1.741	1.075
50312.4087	0.983	11.359	1.480	0.972
50314.3842	0.120	11.224	1.462	0.977
50315.3291	0.186	11.313	1.605	0.996
50316.3416	0.256	11.412	1.695	1.037
50317.3415	0.326	11.501	1.734	1.057
50318.3491	0.396	11.611	1.807	1.065
50319.3196	0.463	11.749	1.915	1.113
50320.3395	0.534	11.897	1.990	1.166
50321.3318	0.603	12.034	1.965	–
50322.3354	0.673	12.159	1.980	1.167
50323.3333	0.742	12.207	1.976	1.166
50324.3173	0.811	12.034	1.909	1.099
50325.3031	0.879	11.899	1.801	1.075
50326.2421	0.945	11.907	1.714	1.059
		CZ Cas		
50310.4144	0.574	11.885	1.551	0.948
50311.4348	0.754	12.158	1.506	0.976
50312.4131	0.926	11.946	1.533	0.924
50314.3887	0.275	11.570	1.381	0.876
50315.3320	0.442	11.779	1.523	0.917
50316.3602	0.623	11.963	1.592	0.989
50317.3722	0.802	12.116	1.662	0.950
50318.3593	0.976	11.731	1.420	0.857
50319.3653	0.154	11.373	1.320	–
50320.3629	0.330	11.634	1.458	0.865
50321.3512	0.504	11.807	1.549	0.955
50322.3380	0.679	12.054	1.624	0.971
50323.3357	0.855	12.157	1.648	0.961
50324.3191	0.028	11.477	1.337	0.808
50325.3089	0.203	11.417	1.380	0.804
50326.2447	0.368	11.716	1.482	0.864
		DD Cas		
50310.4303	0.419	10.108	1.409	0.752
50311.4465	0.523	10.229	1.366	0.812
50312.4206	0.622	10.068	1.338	0.757
50314.3949	0.823	9.816	1.148	0.679
50315.3614	0.922	9.684	1.123	0.688
50316.3635	0.024	9.616	1.119	0.706
50317.3761	0.127	9.698	1.205	0.681
50318.3630	0.228	9.845	1.263	0.720
50319.3702	0.330	9.990	1.355	0.820

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50320.3701	0.432	10.158	1.394	0.774
50321.3545	0.532	10.182	1.408	0.800
50322.3583	0.635	10.068	1.315	0.742
50323.3402	0.735	9.953	1.249	0.714
50324.3221	0.835	9.792	1.164	0.665
50325.3116	0.936	9.655	1.129	0.640
50326.2545	0.032	9.667	1.128	0.643
50327.3120	0.140	9.684	1.203	0.687
50330.2640	0.441	10.181	1.392	0.760
50332.2405	0.642	10.044	1.251	0.651
50333.2482	0.745	9.895	1.174	0.647
50334.2565	0.847	9.788	1.152	0.645
50335.2928	0.953	9.622	1.081	0.642
50336.3206	0.058	9.612	1.147	0.640
50337.2269	0.150	9.734	1.203	0.668
50338.3564	0.265	9.892	1.332	0.725
50340.2357	0.457	10.175	1.366	0.752
50341.2329	0.558	10.193	1.356	0.757
50342.2519	0.662	9.958	1.293	0.706
50344.2686	0.868	9.771	1.148	0.556
50347.2449	0.171	9.755	1.229	0.691
50349.2178	0.372	10.065	1.376	0.766
		DF Cas		
50314.4844	0.642	11.120	1.293	0.762
50315.4285	0.888	10.896	1.193	0.669
50316.4258	0.148	10.674	1.117	0.656
50317.4554	0.417	10.946	1.262	0.716
50318.4512	0.677	11.120	1.289	0.762
50319.4547	0.939	10.727	1.092	0.649
50320.4517	0.199	10.717	1.127	0.668
50321.4573	0.461	10.978	1.273	0.711
50322.4151	0.711	11.147	1.297	0.747
50323.4207	0.974	10.627	1.079	0.630
50325.3735	0.483	11.003	1.280	0.720
50326.3225	0.731	11.156	1.286	0.721
		DL Cas		
50305.4051	0.555	9.207	1.376	0.784
50306.4653	0.688	9.287	1.350	0.682
50310.4493	0.186	8.836	1.203	0.712
50311.4595	0.312	8.970	1.219	0.762
50312.4373	0.434	9.045	1.347	0.761
50314.4190	0.682	9.269	1.330	0.766
50315.3712	0.801	9.022	1.227	0.732
50316.3720	0.926	8.729	1.106	0.692
50317.3870	0.053	8.753	1.147	0.665
50318.3811	0.177	8.848	1.195	0.699
50319.3898	0.303	8.917	1.262	0.784
50320.3806	0.427	9.079	1.326	0.743
50321.3727	0.551	9.197	1.376	0.790

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50322.3683	0.675	9.273	1.374	0.761
50323.3609	0.800	9.079	1.245	0.666
50324.3344	0.921	8.735	1.116	0.646
50325.3432	0.047	8.745	1.145	0.660
50326.2662	0.163	8.863	1.168	0.693
50327.3571	0.299	8.904	1.280	0.694
50329.1812	0.527	–	1.348	0.758
50330.2005	0.654	9.249	1.349	0.759
50332.1954	0.904	8.777	1.108	0.760
50333.2192	0.032	8.724	1.081	0.699
50333.4794	0.064	8.766	1.093	0.758
50334.2134	0.156	8.822	1.190	0.669
50334.4322	0.183	8.824	1.203	0.667
50335.2093	0.280	8.880	1.253	0.705
50335.4421	0.310	8.935	1.250	0.719
50336.2052	0.405	9.040	1.311	0.732
50337.2028	0.530	9.175	1.344	0.746
50337.4535	0.561	9.287	1.352	0.743
50338.4805	0.689	9.241	1.304	0.720
50340.2000	0.904	8.769	1.111	0.651
50341.1905	0.028	8.726	1.117	0.647
50341.4470	0.060	8.750	1.117	0.625
50342.1919	0.153	8.819	1.187	0.678
50344.1903	0.403	9.043	1.323	0.758
50347.1804	0.777	9.104	1.287	0.726
50347.4360	0.809	9.001	1.207	0.692
50349.1872	0.028	8.688	1.138	0.628
		FM Cas		
50330.2693	0.198	9.065	1.002	0.571
50332.2514	0.540	9.317	1.126	–
50333.2574	0.713	9.415	1.143	0.609
50334.2730	0.888	9.036	0.952	0.533
50335.2976	0.064	8.894	0.920	0.541
50336.3261	0.241	9.048	1.065	0.574
50337.2326	0.397	9.188	1.093	0.604
50338.3899	0.596	9.363	1.185	0.639
50340.2431	0.915	8.961	0.917	0.539
50341.2472	0.088	8.930	0.934	0.548
50342.2591	0.262	9.065	1.092	0.591
50344.2838	0.611	9.377	1.165	0.652
50347.2496	0.121	8.944	0.974	0.553
50357.2133	0.836	9.179	1.004	0.572
		FO Cas		
50333.2683	0.988	13.889	1.177	0.847
50334.2886	0.138	14.148	1.232	0.862
50335.3115	0.289	14.127	1.308	0.904
50336.3389	0.440	14.448	1.476	0.940
50337.2502	0.574	14.560	–	–
50338.3701	0.738	14.745	1.589	0.952

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50340.2454	0.014	13.905	1.218	0.818
50341.2508	0.162	14.113	1.294	0.872
50342.2638	0.311	14.139	1.410	0.896
50344.2870	0.609	14.644	1.436	1.005
50344.4666	0.635	14.611	1.450	0.991
50347.2877	0.050	13.988	1.262	0.839
50347.4489	0.074	14.007	1.284	0.824
		NP Cas		
50330.2751	0.761	13.832	1.952	1.150
50332.2559	0.082	13.539	1.716	1.021
50333.2606	0.245	13.252	1.617	1.005
50334.2777	0.410	13.458	1.773	1.078
50335.3196	0.579	13.632	1.887	1.164
50336.3295	0.742	13.747	1.875	1.137
50337.2410	0.890	13.952	1.924	1.155
50338.3766	0.074	13.593	1.797	1.116
50340.2531	0.378	13.436	1.722	1.107
50341.2577	0.541	13.622	1.848	1.127
50342.2740	0.706	13.724	1.919	1.147
50344.2943	0.033	13.713	1.807	1.146
50344.4552	0.059	13.602	1.766	1.101
50347.2945	0.519	13.572	1.881	1.137
50347.4570	0.546	13.592	1.869	1.127
		NY Cas		
50307.3461	0.503	13.504	0.978	0.581
50310.4575	0.605	13.508	0.919	0.624
50311.4655	0.962	13.143	0.783	0.547
50312.4545	0.313	–	0.953	0.588
50314.4279	0.012	13.111	0.819	0.533
50315.3831	0.350	13.473	0.999	0.588
50316.3782	0.702	13.371	0.926	0.573
50317.3979	0.064	13.142	0.892	0.529
50318.3865	0.414	13.514	0.986	0.586
50319.4016	0.773	13.267	0.900	0.533
50320.3846	0.121	13.278	0.894	0.557
50321.3862	0.476	13.505	0.951	0.584
50322.4655	0.859	13.217	0.805	0.522
50323.3704	0.179	13.354	0.943	0.526
50324.3442	0.524	–	0.958	0.576
50325.3474	0.879	13.198	0.816	0.535
50326.2744	0.208	13.388	0.944	–
50327.3617	0.593	13.467	0.964	0.568
50330.3029	0.635	13.506	0.899	0.558
50332.2834	0.336	13.474	0.969	0.572
50333.2839	0.690	13.387	0.945	–
50334.3068	0.053	13.164	0.855	0.559
50335.3281	0.414	13.509	0.985	0.609
50336.3578	0.779	13.278	0.886	0.519
50337.2656	0.101	13.217	0.895	0.527
50338.3935	0.500	13.557	0.999	0.581

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50340.2606	0.162	13.329	0.870	0.584
50341.2776	0.522	13.540	0.969	0.608
50342.2950	0.882	13.114	0.832	0.498
50344.3005	0.593	13.473	0.961	0.613
50347.3012	0.655	13.437	0.926	0.565
50357.2299	0.172	13.342	0.911	0.587
		V379 Cas		
50306.4345	0.508	9.291	1.237	0.687
50307.3430	0.719	9.176	1.186	0.700
50310.4477	0.440	9.233	1.199	0.724
50311.4579	0.675	9.255	1.148	0.738
50312.4355	0.902	8.977	1.119	0.663
50314.4095	0.361	9.201	1.183	0.708
50315.3695	0.584	9.251	1.221	0.736
50316.3709	0.816	9.098	1.124	0.713
50317.3854	0.052	8.947	1.080	0.644
50318.3799	0.283	9.149	1.168	0.700
50319.3790	0.515	9.253	1.216	–
50320.3791	0.747	9.178	1.174	0.682
50321.3713	0.977	8.916	1.068	0.665
50322.3672	0.209	9.098	1.147	0.684
50323.3589	0.439	9.277	1.218	0.675
50325.3425	0.900	9.003	1.099	0.647
50326.2643	0.114	9.028	1.087	0.648
50327.3253	0.360	9.164	1.198	0.692
50328.4033	0.611	9.247	1.223	0.680
50330.3000	0.051	8.986	1.067	0.631
50332.2790	0.511	9.259	1.198	0.669
50333.2817	0.744	9.175	1.146	–
50334.3045	0.981	8.942	1.054	0.669
50335.3311	0.220	9.094	1.160	0.706
50336.3556	0.458	9.233	1.199	0.697
50337.2632	0.668	9.245	1.201	0.695
50338.3913	0.930	8.968	1.082	0.634
50340.2692	0.366	9.224	1.167	0.739
50341.2721	0.599	9.272	1.191	0.701
50342.2991	0.838	9.046	1.136	0.646
50344.3037	0.303	9.143	1.196	0.727
50347.2551	0.989	8.924	1.072	0.628
50349.2253	0.447	9.240	1.216	0.707
50357.2234	0.304	9.172	1.176	0.684
		V636 Cas		
50305.4022	0.713	7.184	1.380	0.809
50306.4203	0.834	7.168	1.371	0.763
50310.4777	0.319	7.196	1.438	0.811
50312.4807	0.558	7.276	1.416	0.823
50314.4530	0.793	7.124	1.361	0.776
50315.4117	0.908	7.065	1.355	0.740
50316.4080	0.027	7.116	1.344	0.785

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50317.4446	0.150	7.095	1.381	0.779
50318.4265	0.268	7.177	1.399	0.798
50319.4409	0.389	7.222	1.423	0.785
50320.4233	0.506	7.259	1.415	0.808
50321.4413	0.628	7.206	1.389	0.776
50322.4010	0.742	7.176	1.372	0.780
50323.3994	0.861	7.112	1.361	0.781
50324.3775	0.978	7.084	1.365	0.769
50325.3618	0.096	7.103	1.365	0.776
50326.3045	0.208	7.167	1.383	0.787
50327.3688	0.335	7.221	1.438	0.791
50328.4046	0.459	7.260	1.456	0.781
50330.3243	0.688	7.193	1.370	0.785
50332.2870	0.922	7.101	1.332	0.716
50333.2891	0.042	7.103	1.357	–
50334.3144	0.164	7.145	1.363	0.823
50335.3325	0.286	7.205	1.416	0.820
50336.3611	0.409	7.267	1.415	0.802
50337.2689	0.517	7.267	1.428	0.793
50338.3960	0.652	7.218	1.400	0.782
50340.2759	0.876	7.127	1.342	0.743
50341.2737	0.995	7.111	1.330	0.774
50342.3010	0.118	7.082	1.374	0.759
50344.3050	0.357	7.225	1.432	0.835
50347.2559	0.709	7.188	1.376	0.772
50349.2317	0.945	7.084	1.340	0.763
50357.2260	0.900	7.126	1.323	0.753
		AK Cep		
50311.3990	0.337	11.140	1.340	0.803
50312.3889	0.474	11.300	1.397	0.854
50314.3603	0.746	11.512	1.460	0.861
50315.3198	0.879	11.226	1.339	0.799
50316.3184	0.017	10.886	1.191	0.741
50317.3282	0.156	10.967	1.300	0.756
50318.3371	0.296	11.155	1.359	0.801
50319.3081	0.430	11.205	1.447	0.816
50320.2922	0.566	11.377	1.497	0.855
50321.3224	0.709	11.501	1.533	–
50322.3206	0.847	11.353	1.415	0.837
50323.3149	0.984	10.925	1.214	0.732
50324.3094	0.122	10.958	1.271	0.744
50325.2960	0.258	11.080	1.362	0.813
		CN Cep		
50310.4038	0.576	12.365	1.930	1.170
50311.4209	0.683	12.508	1.902	1.180
50312.4057	0.786	12.601	1.937	1.216
50314.3809	0.994	12.597	1.902	1.201
50315.3269	0.094	12.353	1.854	1.135
50316.3337	0.200	12.083	1.744	1.069

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50317.3397	0.305	12.101	1.776	1.073
50318.3446	0.411	12.075	1.817	1.068
50319.3232	0.514	12.256	1.882	1.133
50320.3350	0.621	12.418	1.956	1.203
50321.3285	0.725	12.513	1.957	–
50322.3325	0.831	12.656	2.005	1.210
50323.3302	0.936	12.675	2.026	1.202
50324.3149	0.039	12.527	1.751	1.172
50325.3003	0.143	12.205	1.755	1.100
50326.2401	0.242	12.129	1.702	1.069
50327.3066	0.354	12.069	1.788	1.087
50328.3917	0.468	12.083	1.807	1.071
50329.1832	0.552	12.200	1.837	1.166
50330.1962	0.658	12.441	1.928	1.158
50332.1918	0.868	12.654	2.015	–
50333.2142	0.976	12.615	1.881	1.263
50333.4755	0.003	12.553	1.907	1.233
50334.2154	0.081	12.372	1.854	1.111
50335.2116	0.186	12.087	1.738	1.077
50335.4381	0.210	12.079	1.732	1.070
50336.2109	0.291	12.094	1.774	1.092
50337.2045	0.396	12.078	1.767	1.071
50337.4608	0.423	12.152	1.779	1.088
50338.4748	0.530	12.257	1.857	1.084
50340.2038	0.712	12.492	1.968	1.173
50341.1925	0.816	12.615	2.013	1.213
50341.4416	0.842	12.639	1.946	1.154
50342.1938	0.921	12.652	1.971	1.192
50344.1951	0.132	12.239	1.837	1.122
50347.1823	0.446	12.099	1.809	1.077
50347.4415	0.473	12.124	1.794	1.096
		CP Cep		
50311.3725	0.406	10.498	1.668	0.950
50312.3715	0.462	10.594	1.744	0.976
50313.3484	0.517	–	1.777	1.003
50314.3190	0.571	10.764	1.821	1.051
50315.3002	0.626	10.838	1.852	1.030
50316.2922	0.681	10.909	1.884	1.022
50317.3133	0.739	10.933	1.863	1.022
50318.3233	0.795	10.951	1.844	1.007
50319.3018	0.850	10.836	1.790	0.976
50320.2782	0.905	10.742	1.665	0.973
50321.2860	0.961	10.714	1.679	0.966
50322.2750	0.016	10.662	1.629	0.941
50323.2789	0.073	10.324	1.527	0.863
50324.2827	0.129	10.181	1.458	0.854
50325.2643	0.184	10.194	1.459	0.875
50326.2195	0.237	10.289	1.528	0.902
		CR Cep		
50311.4112	0.244	9.552	1.441	0.838

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50312.3923	0.402	9.673	1.503	0.875
50314.3629	0.718	9.851	1.513	0.899
50315.3229	0.872	9.630	1.453	0.856
50316.3207	0.032	9.470	1.403	0.834
50317.3320	0.194	9.521	1.496	0.846
50318.3397	0.356	9.640	1.519	0.869
50319.3113	0.512	9.751	1.575	0.896
50320.3262	0.674	9.852	1.583	0.966
50321.3251	0.835	9.690	1.494	0.954
50322.3293	0.996	9.476	1.415	0.842
50323.3206	0.155	9.526	1.469	0.876
50324.3115	0.314	9.622	1.511	0.875
50325.2974	0.472	9.698	1.556	0.897
50326.2368	0.623	9.871	1.586	0.902
50327.3031	0.794	9.762	1.478	0.879
50330.2596	0.268	9.632	1.478	0.877
50332.2349	0.585	9.795	1.549	0.855
50333.2432	0.747	9.809	1.504	0.908
50334.2493	0.908	9.579	1.410	0.821
50335.2886	0.075	9.470	1.399	0.829
50336.3169	0.240	9.539	1.476	0.837
50337.2225	0.385	9.665	1.524	0.877
50338.3528	0.567	9.773	1.538	0.875
50340.2328	0.868	9.650	1.438	0.838
50341.2277	0.028	9.466	1.374	0.805
50342.2464	0.191	9.505	1.490	0.843
50344.2634	0.515	9.727	1.549	0.823
50347.2407	0.993	9.470	1.381	0.826
50349.2007	0.307	9.589	1.523	0.873
		DR Cep		
50310.3830	0.787	–	1.622	0.974
50311.3678	0.838	13.127	1.592	0.905
50312.3659	0.891	13.239	1.585	0.905
50313.3433	0.942	12.585	1.267	0.779
50314.3156	0.993	12.365	1.219	0.796
50315.2963	0.044	12.403	1.243	0.798
50316.2892	0.096	12.478	1.372	0.804
50317.3092	0.150	12.545	1.443	0.841
50318.3177	0.203	12.624	1.524	0.885
50319.2991	0.254	12.693	1.599	0.916
50320.2732	0.305	12.801	1.602	0.945
50321.2802	0.358	12.876	1.611	0.966
50322.2710	0.410	12.971	–	0.942
50323.2704	0.462	13.069	1.743	1.001
50324.2792	0.515	13.142	1.713	0.996
50325.2573	0.566	13.225	1.773	1.006
50326.2150	0.617	13.325	1.864	1.001
50327.2927	0.673	13.378	1.770	0.965
50330.2433	0.828	13.193	1.569	0.955
50332.2288	0.932	12.776	1.301	0.809

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50333.2313	0.984	12.354	1.209	0.822
50334.2397	0.037	12.376	1.259	0.746
50335.2481	0.090	12.463	1.322	0.784
50336.3084	0.146	12.489	1.403	0.790
50337.2164	0.193	12.611	1.477	0.831
50338.3485	0.253	12.680	1.515	0.874
50340.2151	0.350	12.859	1.659	0.925
50341.2151	0.403	12.968	1.653	0.965
50342.2380	0.456	13.006	1.767	0.961
50344.2567	0.562	13.207	1.739	0.925
50347.2328	0.718	13.370	1.745	0.973
50349.1941	0.821	13.133	1.662	0.924
50357.1984	0.241	12.704	1.508	0.905
		IR Cep		
50307.3514	0.973	7.626	0.914	0.528
50311.2968	0.839	7.822	0.911	0.560
50312.3301	0.328	7.839	0.951	0.565
50313.3184	0.795	7.849	0.952	0.557
50314.2879	0.254	7.759	0.926	0.583
50315.2882	0.727	7.945	0.998	0.577
50316.2806	0.196	7.740	0.932	0.539
50317.2414	0.651	8.001	0.993	0.582
50318.2745	0.139	7.664	0.884	0.514
50319.2851	0.617	7.970	1.040	0.574
50320.2769	0.087	7.645	0.864	0.518
50321.2748	0.559	7.976	1.015	0.587
50322.2694	0.029	7.596	0.858	0.520
50323.2690	0.502	7.956	1.035	0.589
50324.2731	0.977	7.645	0.885	0.522
50325.2523	0.440	7.917	0.992	0.567
50326.2086	0.892	7.758	0.883	0.536
50326.4746	0.018	7.619	0.807	0.463
50332.4696	0.854	7.783	0.914	0.592
50333.4995	0.341	7.840	0.944	–
50335.4942	0.285	7.788	0.903	0.540
50337.4983	0.232	7.815	0.862	–
50338.4823	0.698	7.937	0.965	0.555
50341.4835	0.118	7.660	0.873	0.546
		IY Cep		
50311.3759	0.029	13.053	–	0.919
50312.3749	0.206	13.213	1.639	0.955
50314.3228	0.550	12.627	1.384	0.888
50315.3021	0.723	12.798	1.561	0.893
50316.2953	0.899	12.954	1.669	0.921
50317.3156	0.079	13.117	1.717	0.945
50318.3257	0.258	13.024	1.551	0.906
50319.3044	0.431	12.502	1.349	0.795
50320.2803	0.603	12.673	1.438	0.858
50321.2882	0.782	12.859	1.617	0.922

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50322.2827	0.957	13.019	1.650	0.956
50323.2810	0.134	13.164	1.714	0.950
50324.2857	0.311	12.838	1.471	0.880
50325.2660	0.485	12.545	1.305	0.830
50326.2288	0.655	12.747	1.498	0.858
		KO Cep		
50311.3860	0.778	14.304	1.857	1.181
50312.3820	0.997	13.856	1.877	1.106
50314.3404	0.427	14.207	–	1.210
50315.3111	0.639	14.269	2.095	1.180
50316.3072	0.858	14.165	1.987	1.142
50317.3221	0.081	13.808	1.883	1.091
50318.3306	0.302	14.096	1.953	1.186
50319.3322	0.522	14.209	2.095	1.179
50320.2877	0.731	14.318	2.003	1.209
50321.3169	0.957	13.896	1.864	–
50322.3150	0.176	13.961	1.977	1.193
50323.2871	0.389	14.120	2.020	1.166
50325.2714	0.825	14.310	–	1.190
50326.2317	0.035	13.893	1.777	1.098
		MU Cep		
50311.3928	0.781	12.546	1.462	0.895
50312.3855	0.044	11.890	1.184	0.748
50314.3570	0.567	12.457	1.435	0.900
50315.3167	0.822	12.538	1.522	0.895
50316.3168	0.087	11.885	1.201	0.766
50317.3259	0.355	12.206	1.419	0.842
50318.3351	0.623	12.488	1.484	0.894
50319.3060	0.881	12.493	1.468	0.890
50320.2912	0.142	11.928	1.243	0.772
50321.3212	0.416	12.286	1.462	–
50322.3178	0.680	12.530	1.548	–
50323.3131	0.944	12.304	1.419	0.840
50324.3076	0.208	12.007	1.298	0.804
50325.2939	0.470	12.328	1.474	0.887
50326.2340	0.719	12.611	1.474	0.901
		V351 Cep		
50311.4099	0.047	9.384	0.960	0.542
50312.3912	0.397	9.601	1.014	0.598
50314.3620	0.099	9.440	0.951	0.571
50315.3216	0.441	9.600	1.058	0.610
50316.3201	0.797	9.331	0.937	0.556
50317.3297	0.157	9.472	1.020	0.573
50318.3387	0.516	9.579	1.024	0.584
50319.3100	0.862	9.309	0.938	0.535
50320.2940	0.213	9.526	1.037	0.589
50321.3242	0.580	9.521	1.010	–
50322.3272	0.938	9.334	0.950	0.572

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50323.3195	0.291	9.589	1.072	0.638
50324.3107	0.645	9.455	0.993	0.570
50325.2967	0.996	9.340	0.953	0.564
50326.2356	0.331	9.637	1.055	0.592
50327.3012	0.710	9.388	0.924	0.560
50328.3897	0.098	9.403	0.993	0.561
50330.2576	0.764	9.396	0.915	0.562
50332.2332	0.468	9.585	1.017	0.548
50333.2409	0.827	9.307	0.891	0.574
50334.2473	0.186	9.498	1.003	0.574
50335.2549	0.545	9.548	1.026	0.596
50336.3154	0.923	9.275	0.934	0.516
50337.2211	0.246	9.548	1.041	0.591
50338.3518	0.649	9.421	0.951	0.531
50340.2198	0.315	9.592	1.040	0.587
50341.2192	0.671	9.397	0.955	0.530
50342.2443	0.036	9.360	0.993	0.557
50344.2616	0.755	9.310	0.905	0.455
50347.2394	0.816	9.305	0.918	0.538
50349.1986	0.515	9.536	1.029	0.585
50357.2030	0.367	9.614	1.039	0.597
		δ Cep		
50321.1246	0.636	4.299	–	0.488
50321.1262	0.636	4.299	0.806	0.491
50321.2523	0.659	4.317	0.850	0.507
50321.3104	0.670	4.314	0.853	0.599
50321.5051	0.706	4.333	0.792	0.471
50322.3033	0.855	3.911	0.609	0.426
50322.3520	0.864	3.866	0.589	0.413
50322.4515	0.883	3.789	0.479	0.384
50323.1233	0.008	3.493	0.403	0.324
50323.3045	0.042	3.546	0.492	0.362
50323.5100	0.080	3.642	0.490	0.351
50324.1242	0.195	3.792	0.701	0.398
50324.2985	0.227	3.844	0.664	0.437
50324.3591	0.238	3.876	0.678	0.447
50325.1188	0.380	4.028	0.728	0.450
50325.3329	0.420	4.082	0.780	0.485
50325.4099	0.434	4.074	0.772	0.459
50326.1156	0.566	4.210	0.811	0.460
50326.5025	0.638	4.356	0.845	0.497
50327.1671	0.762	4.257	0.843	–
50328.5113	0.012	3.502	0.487	0.248
50330.2554	0.337	4.054	0.746	0.456
50332.4823	0.752	4.334	0.793	0.519
50335.4964	0.314	3.967	0.703	0.432
50337.5001	0.687	4.372	0.797	0.435
50338.4981	0.873	3.804	0.550	0.330
50341.4858	0.430	4.112	0.782	0.491
50347.2651	0.507	4.160	0.832	0.442

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
		X Cyg		
50305.1596	0.133	6.111	1.036	0.572
50306.1588	0.193	6.193	1.130	0.601
50307.1805	0.256	6.278	1.222	0.613
50310.2087	0.441	6.586	1.344	0.676
50311.1497	0.498	6.672	1.410	0.673
50313.1496	0.620	6.844	1.441	0.693
50314.1352	0.680	6.849	1.365	0.682
50315.1379	0.741	6.724	1.291	0.669
50316.1384	0.803	6.593	1.218	0.619
50317.1672	0.865	6.583	1.129	0.559
50318.1384	0.925	6.009	0.861	0.494
50319.1367	0.985	5.840	0.817	0.484
50320.1372	0.047	5.917	0.892	0.520
50321.1329	0.107	6.047	0.997	0.557
50322.1262	0.168	6.141	1.071	0.608
50323.1285	0.229	6.225	1.135	0.634
50324.1339	0.290	6.334	1.221	0.630
50325.1243	0.351	6.453	1.273	0.659
50326.1216	0.412	6.534	1.322	0.668
		SU Cyg		
50305.1651	0.168	6.631	0.552	0.326
50306.1604	0.427	7.002	0.698	0.400
50307.1822	0.692	7.119	0.773	0.396
50310.2128	0.480	7.016	0.714	0.385
50311.1528	0.725	7.137	0.747	0.381
50312.1478	0.984	6.442	0.505	0.237
50313.1535	0.245	6.725	0.643	0.329
50314.1380	0.501	7.045	0.719	0.384
50315.1395	0.762	7.168	0.750	0.407
50316.1396	0.022	6.423	0.518	0.237
50317.1689	0.289	6.797	0.637	0.302
50318.1398	0.542	7.069	0.709	0.402
50319.1381	0.801	7.134	0.694	0.406
50320.1383	0.061	6.445	0.490	0.275
50321.1340	0.320	6.855	0.657	0.374
50322.1286	0.579	7.109	0.721	0.432
50323.1296	0.839	7.074	0.674	0.402
50324.1348	0.101	6.520	0.524	0.280
50325.1255	0.358	6.926	0.676	0.372
50326.1228	0.618	7.132	0.747	0.396
		SZ Cyg		
50305.3047	0.182	9.188	1.448	0.809
50306.3164	0.249	9.279	1.523	0.845
50307.2991	0.314	9.391	1.583	0.861
50310.2882	0.512	9.673	1.714	0.912
50311.2648	0.576	9.792	1.744	0.926
50312.2906	0.644	9.851	1.753	0.922
50313.2836	0.710	9.826	1.717	0.922

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50314.2726	0.775	9.690	1.632	0.876
50315.2811	0.842	9.553	1.523	0.853
50316.2143	0.904	9.581	1.497	0.830
50317.2359	0.971	9.169	1.303	0.751
50318.2646	0.040	8.963	1.254	0.734
50319.2419	0.104	9.035	1.337	0.757
50320.2364	0.170	9.171	1.441	0.789
50321.2273	0.236	9.256	1.508	0.832
50322.2610	0.304	9.355	1.578	0.861
50323.2606	0.370	9.461	1.660	0.871
50324.2628	0.436	9.554	1.674	0.896
50325.2272	0.500	9.680	1.711	0.913
50326.1843	0.564	9.801	1.753	0.928
		BZ Cyg		
50305.2886	0.985	10.032	1.486	0.939
50306.3175	0.086	10.037	1.516	0.944
50307.3003	0.183	10.175	1.589	0.966
50310.2895	0.478	10.462	1.693	1.017
50311.2661	0.574	10.478	1.653	1.013
50312.2924	0.676	10.308	1.616	0.973
50313.2845	0.773	10.091	1.490	0.934
50314.2734	0.871	10.016	1.474	0.922
50315.2831	0.970	10.003	1.526	0.916
50316.2156	0.062	10.001	1.536	0.911
50317.2370	0.163	10.170	1.613	0.956
50318.2656	0.264	10.234	1.658	0.976
50319.2448	0.361	10.340	1.717	0.988
50320.2375	0.459	10.472	1.746	1.000
50321.2283	0.557	10.481	1.734	1.003
50322.2626	0.659	10.332	1.616	0.979
50323.2617	0.757	10.144	1.572	0.923
50324.2642	0.856	10.009	1.512	0.911
50325.2284	0.951	10.022	1.525	0.911
		CD Cyg		
50305.2910	0.181	8.642	1.205	0.704
50306.3108	0.241	8.725	1.282	0.744
50307.2934	0.298	8.855	1.327	0.772
50310.2763	0.473	9.120	1.515	0.834
50311.2499	0.530	9.248	1.564	0.847
50312.2831	0.591	9.369	1.590	0.862
50313.2759	0.649	9.450	1.615	0.874
50314.2643	0.707	9.515	1.590	0.864
50315.2144	0.762	9.471	1.582	0.838
50316.2121	0.821	9.371	1.467	0.803
50317.2259	0.880	9.232	1.376	0.784
50318.2423	0.940	9.218	1.350	0.752
50319.2287	0.997	8.364	0.979	0.586
50320.2286	0.056	8.422	1.035	0.604
50321.2190	0.114	8.508	1.089	0.651

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50325.2179	0.348	8.900	1.421	0.781
50326.1803	0.404	9.013	1.468	0.806
		DT Cyg		
50322.2517	0.174	8.610	1.197	0.695
50323.2528	0.233	8.711	1.284	0.724
50324.2553	0.292	8.814	1.362	0.760
50305.1569	0.082	5.677	0.505	0.301
50306.1569	0.482	5.907	0.609	0.348
50307.1800	0.891	5.662	0.524	0.279
50310.2076	0.103	5.658	0.530	0.297
50311.1476	0.479	5.857	0.650	0.316
50312.1444	0.878	5.641	0.556	0.334
50313.1473	0.279	5.768	0.623	0.323
50314.1331	0.673	5.827	0.601	0.323
50315.1355	0.074	5.660	0.559	0.298
50316.1371	0.475	5.885	0.689	0.342
50317.1664	0.887	5.652	0.524	0.228
50318.1370	0.275	5.768	0.591	0.368
50319.1351	0.675	5.829	0.584	0.391
50320.1362	0.075	5.629	0.514	0.305
50321.1319	0.474	5.900	0.616	0.356
50322.1252	0.871	5.668	0.509	0.318
50323.1276	0.272	5.763	0.561	0.344
50324.1329	0.674	5.840	0.603	0.324
50325.1232	0.071	5.645	0.526	0.297
50326.1204	0.470	5.886	0.632	0.337
50327.1837	0.895	5.624	0.556	–
50328.3430	0.359	5.783	0.667	0.390
50329.2085	0.705	–	0.576	0.337
50330.2286	0.113	5.738	0.565	0.288
50332.2244	0.912	5.620	0.526	0.238
50333.2053	0.305	5.794	0.614	0.339
50334.2303	0.715	5.794	0.583	0.300
50335.2345	0.116	5.672	0.567	0.294
50336.2310	0.515	5.872	0.643	0.347
50337.1940	0.900	5.610	0.558	0.270
50340.2108	0.108	5.641	0.573	0.304
50341.2097	0.507	5.885	0.639	0.322
50342.2230	0.913	5.615	0.540	0.273
50344.2560	0.726	5.779	0.584	0.266
50347.2646	0.930	5.634	0.547	0.257
50349.2116	0.709	5.818	0.600	0.319
		GH Cyg		
50305.2937	0.206	9.728	1.231	0.743
50306.3097	0.336	9.836	1.294	0.773
50307.2894	0.462	10.086	1.384	0.822
50310.2699	0.843	10.036	1.294	0.779
50311.2459	0.968	9.574	1.137	0.669
50312.2776	0.100	9.665	1.164	0.721

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50313.2711	0.227	9.705	1.223	0.742
50314.1948	0.345	9.873	1.309	0.770
50315.2104	0.475	10.058	1.436	0.786
50316.2114	0.603	10.220	1.451	0.800
50317.2203	0.732	10.284	1.403	0.818
50318.2313	0.861	10.004	1.265	0.761
50319.2220	0.988	9.526	1.136	0.664
50320.2229	0.116	9.686	1.214	0.706
50321.2119	0.242	9.701	1.235	0.728
50322.2446	0.374	9.972	1.345	0.788
50323.2444	0.502	10.108	1.425	0.800
50324.2473	0.631	10.261	1.418	0.831
50325.2124	0.754	10.260	1.405	0.814
50326.1689	0.876	9.951	1.263	0.761
		KX Cyg		
50305.3031	0.110	11.606	2.067	1.367
50306.3150	0.160	11.423	2.014	1.335
50307.2978	0.209	11.538	2.075	1.367
50310.2829	0.358	11.713	2.328	1.436
50311.2568	0.407	11.833	2.361	1.481
50312.2887	0.458	11.922	2.419	1.494
50313.2810	0.508	11.994	2.506	1.512
50314.2705	0.557	12.098	2.493	1.530
50315.2626	0.607	12.210	2.482	–
50316.2240	0.655	12.233	2.480	1.534
50317.2342	0.705	12.347	2.480	1.551
50318.2486	0.756	12.417	2.541	1.543
50319.2338	0.805	12.460	2.484	1.554
50320.2343	0.855	12.470	2.487	1.530
50321.2241	0.904	12.392	2.431	1.520
50322.2586	0.956	12.311	2.404	1.507
50323.2596	0.006	12.230	2.441	1.465
50324.2620	0.056	12.210	2.209	1.451
50325.2265	0.104	11.668	2.103	1.357
50326.1834	0.151	11.385	1.996	1.324
		V386 Cyg		
50305.3066	0.853	9.762	1.588	0.955
50306.3188	0.045	9.268	1.417	0.853
50307.3018	0.232	9.526	1.537	0.923
50310.2916	0.801	9.854	1.653	0.958
50311.2673	0.987	9.283	1.372	0.850
50312.2978	0.183	9.446	1.500	0.904
50313.2894	0.371	9.651	1.614	0.954
50314.2746	0.559	9.837	1.680	0.982
50315.2846	0.751	9.920	1.696	0.980
50316.2180	0.928	9.469	1.454	0.876
50317.2387	0.122	9.415	1.447	0.873
50318.2676	0.318	9.612	1.589	0.937
50319.2562	0.506	9.764	1.677	0.961
50320.2395	0.693	9.949	1.717	0.983

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50321.2302	0.882	9.642	1.535	0.923
50322.2644	0.078	9.303	1.421	0.866
50323.2633	0.268	9.556	1.597	0.920
50324.2660	0.459	9.738	1.656	0.973
		V396 Cyg		
50305.2191	0.173	11.227	2.245	1.451
50306.2812	0.205	11.254	2.274	1.466
50307.2950	0.236	11.348	2.266	1.481
50310.2778	0.325	11.427	2.373	1.500
50311.2513	0.355	11.490	2.418	1.507
50312.2847	0.386	11.543	2.391	1.521
50313.2772	0.416	11.566	2.456	1.522
50314.2657	0.445	11.626	2.458	1.523
50315.2166	0.474	11.602	2.488	1.479
50316.2215	0.504	11.652	2.461	1.495
50317.2286	0.534	11.699	2.434	1.509
50318.2436	0.565	11.718	2.480	1.479
50319.2304	0.595	11.737	2.478	1.492
50320.2301	0.625	11.769	2.457	1.483
50321.2204	0.654	11.777	2.431	1.497
50322.2536	0.686	11.790	2.437	1.495
50323.2551	0.716	11.790	2.441	1.473
50324.2574	0.746	11.777	2.435	1.467
50325.2229	0.775	11.786	2.439	1.471
50326.1811	0.804	11.771	2.417	1.475
50327.2652	0.836	11.682	2.317	–
50328.3741	0.870	11.520	2.234	1.421
50330.2204	0.925	11.187	2.065	1.348
50332.2084	0.985	10.948	2.056	1.313
50333.1923	0.015	10.947	2.095	1.339
50334.2024	0.045	11.004	2.149	1.343
50335.2173	0.075	11.027	2.219	1.407
50336.2219	0.106	11.100	2.191	1.377
50337.1859	0.135	11.120	2.274	1.386
50338.2650	0.167	11.175	2.264	1.413
50340.1746	0.225	11.239	2.353	1.438
50341.1965	0.255	11.279	2.411	1.477
50342.2100	0.286	11.305	2.365	1.441
50344.2396	0.347	11.405	2.405	1.436
50347.2247	0.437	11.549	2.416	1.483
50349.1744	0.495	11.638	–	1.489
50357.1875	0.736	11.772	2.450	1.477
		V438 Cyg		
50305.3078	0.310	10.986	2.057	1.214
50306.3140	0.399	11.117	2.102	1.228
50307.2968	0.487	11.319	2.115	1.264
50310.2818	0.753	11.117	1.996	1.192
50311.2556	0.840	10.969	1.880	1.160
50312.2872	0.932	10.781	1.816	1.121

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50313.2798	0.021	10.379	1.696	1.053
50314.2689	0.109	10.667	1.861	1.124
50315.2595	0.197	10.764	1.965	–
50316.2231	0.283	10.904	2.043	1.174
50317.2308	0.373	11.066	2.097	1.202
50318.2453	0.464	11.242	2.171	1.227
50319.2324	0.552	11.341	2.190	1.235
50320.2329	0.641	11.372	2.095	1.220
50321.2224	0.729	11.183	2.014	1.198
50322.2557	0.821	10.996	1.921	1.153
50323.2569	0.911	10.844	1.923	1.092
50324.2591	0.000	10.360	1.675	1.026
50325.2248	0.086	10.619	1.866	1.098
50326.1824	0.172	10.723	1.943	1.135
		V495 Cyg		
50305.3103	0.014	10.666	1.653	0.988
50306.3119	0.163	10.422	1.538	0.951
50307.2946	0.309	10.470	1.536	0.956
50310.2773	0.753	10.793	1.685	1.034
50311.2506	0.898	10.851	1.658	1.029
50312.2838	0.051	10.553	1.549	0.969
50313.2766	0.199	10.397	1.524	0.952
50314.2651	0.346	10.481	1.572	0.970
50315.2162	0.488	10.593	1.650	0.985
50316.2130	0.636	10.721	1.690	0.992
50317.2270	0.787	10.836	1.670	1.035
50318.2432	0.938	10.822	1.662	1.018
50319.2294	0.084	10.443	1.552	0.942
50320.2297	0.233	10.418	1.544	0.933
50321.2197	0.380	10.493	1.590	0.966
50322.2525	0.534	10.632	1.663	0.999
50323.2541	0.683	10.761	1.707	1.006
50324.2563	0.832	10.860	1.656	1.039
50325.2187	0.975	10.739	1.663	0.981
		V532 Cyg		
50311.2680	0.721	9.233	1.145	0.665
50312.2983	0.035	9.082	1.077	0.625
50313.2904	0.337	8.918	1.034	0.597
50314.2755	0.637	9.202	1.135	0.662
50315.2850	0.944	9.175	1.113	0.650
50316.2186	0.229	8.936	1.019	0.588
50317.2397	0.540	9.161	1.096	0.650
50318.2707	0.854	9.268	1.139	0.662
50319.2570	0.154	8.938	1.030	0.588
50320.2404	0.454	9.058	1.081	0.621
50321.2310	0.755	9.253	1.159	0.666
50322.2651	0.070	9.052	1.048	0.632
50323.2644	0.375	8.961	1.052	0.608
50324.2669	0.680	9.224	1.164	0.669

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50325.2378	0.976	9.154	1.079	0.646
50326.1860	0.265	8.942	1.013	0.600
		V538 Cyg		
50305.3118	0.991	10.200	1.186	0.698
50306.3204	0.156	10.284	1.284	0.709
50307.3046	0.317	10.427	1.328	0.752
50310.2976	0.806	10.539	1.338	0.744
50311.2701	0.965	10.213	1.177	0.691
50312.3012	0.134	10.280	1.239	0.725
50314.2808	0.457	10.535	1.389	0.784
50315.2878	0.622	10.664	1.457	0.791
50316.2660	0.782	10.642	1.384	0.756
50318.2728	0.109	10.272	1.224	0.710
50319.2593	0.271	10.394	1.334	0.750
50320.2434	0.432	10.550	1.390	0.768
50321.2349	0.594	10.669	1.420	0.802
50322.2684	0.762	10.663	1.381	0.801
50323.2682	0.926	10.298	1.223	0.708
50324.2721	0.090	10.233	1.244	0.706
50325.2399	0.248	10.399	1.297	0.754
		V609 Cyg		
50306.2773	0.892	11.544	2.158	1.272
50307.3015	0.925	11.353	2.087	1.209
50310.2943	0.022	10.439	1.699	1.017
50311.2679	0.053	10.480	1.713	1.047
50312.2990	0.086	10.532	1.738	1.067
50313.2903	0.118	10.576	1.824	1.080
50314.2757	0.150	10.646	1.850	1.111
50315.2850	0.182	10.668	1.904	1.117
50316.2265	0.213	10.732	1.944	1.149
50317.2786	0.246	10.784	2.003	1.166
50318.2707	0.278	10.841	2.022	1.181
50319.2569	0.310	10.858	2.087	1.200
50320.2405	0.342	10.940	2.145	1.199
50321.2314	0.374	10.975	2.140	1.224
50322.2653	0.407	11.023	2.161	1.244
50323.2653	0.439	11.077	2.261	1.237
50324.2675	0.471	11.135	2.128	1.262
50325.2379	0.503	11.178	2.207	1.259
50326.1863	0.533	11.232	2.277	1.268
50327.2676	0.568	11.285	2.238	–
50328.3836	0.604	11.296	2.307	1.290
50330.2222	0.663	11.422	2.273	1.271
50332.2111	0.727	11.422	2.253	1.241
50333.1945	0.759	11.481	2.299	1.277
50334.2313	0.792	11.564	2.262	1.258
50335.2205	0.824	11.604	2.333	1.329
50336.2243	0.856	11.601	2.221	1.277
50337.1881	0.887	11.545	2.269	1.250

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50338.2671	0.922	11.358	2.130	1.215
50340.1767	0.983	10.604	1.812	1.069
50341.1984	0.016	10.461	1.759	1.071
50342.2126	0.049	10.452	1.753	1.029
50344.2416	0.114	10.565	1.820	1.061
50347.2266	0.210	10.726	1.921	1.146
50349.1771	0.273	10.807	2.061	1.160
50357.1910	0.531	11.213	2.230	1.261
		V924 Cyg		
50305.3172	0.418	10.787	0.921	0.522
50306.3043	0.595	10.837	0.943	0.528
50307.2835	0.770	10.799	0.883	0.525
50310.2651	0.306	10.699	0.891	0.512
50311.1925	0.472	10.825	0.934	0.527
50312.2739	0.666	10.838	0.915	0.514
50313.2499	0.841	10.712	0.882	0.497
50314.1903	0.010	10.590	0.832	0.460
50315.1937	0.190	10.606	0.875	0.466
50316.2057	0.372	10.760	0.913	0.501
50317.2150	0.553	10.848	0.922	0.544
50318.2244	0.734	10.796	0.919	0.497
50319.2060	0.910	10.610	0.833	0.471
50320.2161	0.092	10.599	0.819	0.470
50321.2053	0.269	10.673	0.890	0.495
50322.2128	0.450	10.797	0.944	0.539
50323.2395	0.634	10.841	0.949	0.524
50324.2092	0.809	10.750	0.887	0.512
50325.2069	0.988	10.583	0.820	0.476
50326.1650	0.160	10.654	0.832	0.476
50327.2398	0.353	10.741	0.920	–
50328.3615	0.554	10.845	0.918	0.527
50329.2130	0.707	–	–	0.510
50330.1853	0.881	10.717	0.859	0.478
50332.1774	0.239	10.658	0.903	0.438
50333.1762	0.418	10.770	0.934	0.528
50334.1879	0.600	10.845	0.962	0.513
50335.1907	0.780	10.750	0.931	0.508
50336.1928	0.960	10.568	0.826	0.482
50337.1742	0.136	10.609	0.857	0.475
50338.2344	0.326	10.717	0.922	0.503
50340.1607	0.672	10.829	0.971	0.527
50341.1689	0.853	10.687	0.881	0.490
50342.1781	0.034	10.554	0.849	0.460
50344.2018	0.397	10.775	0.936	0.527
50347.1902	0.934	10.617	0.853	0.468
50349.1652	0.288	10.686	0.914	0.478
50357.1590	0.723	10.835	0.931	0.533
		V1154 Cyg		
50305.3181	0.812	9.161	0.888	0.494
50306.3047	0.012	9.004	0.845	0.469

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50307.2840	0.211	9.150	0.940	0.517
50310.2652	0.816	9.144	0.883	0.495
50311.1926	0.005	9.007	0.847	0.470
50312.2739	0.224	9.160	0.951	0.512
50313.2499	0.422	9.295	1.000	0.543
50314.1908	0.613	9.365	1.003	0.541
50315.1940	0.817	9.142	0.898	0.480
50316.2060	0.022	9.013	0.853	–
50317.2154	0.227	9.184	0.942	0.522
50318.2249	0.432	9.304	0.997	0.551
50319.2066	0.632	9.355	1.004	0.540
50320.2169	0.837	9.117	0.871	0.480
50321.2057	0.037	9.003	0.853	0.476
50322.2133	0.242	9.177	0.943	0.542
50323.2399	0.450	9.307	1.020	0.536
50324.2099	0.647	9.377	0.994	0.551
50325.2076	0.850	9.098	0.852	0.481
50326.1654	0.044	9.050	0.849	0.481
50327.2424	0.263	9.217	0.974	–
50328.3636	0.491	9.336	0.984	0.547
50330.3181	0.887	9.059	0.842	0.465
50332.2948	0.289	9.212	0.976	0.520
50333.3061	0.494	9.316	0.999	0.519
50334.3372	0.703	9.338	0.983	0.533
50335.3513	0.909	9.013	0.845	0.479
50337.2876	0.302	9.250	0.989	0.537
50340.2976	0.914	9.010	0.799	0.469
50341.3025	0.118	9.097	0.916	0.522
50342.3185	0.324	9.207	1.002	0.515
50344.3196	0.730	9.292	0.964	0.485
50347.3232	0.340	9.261	0.980	0.562
50349.2776	0.737	9.290	0.959	0.529
		V1334 Cyg		
50305.1845	0.737	5.852	0.521	0.296
50307.1954	0.340	5.955	0.565	0.318
50311.1455	0.525	5.894	0.585	0.315
50312.1426	0.825	5.790	0.551	0.344
50313.1455	0.126	5.823	0.578	0.295
50314.1312	0.421	5.935	0.567	0.319
50315.1338	0.722	5.847	0.559	0.303
50316.1357	0.023	5.803	0.603	0.292
50317.1655	0.332	5.923	0.556	0.261
50318.1356	0.623	5.882	0.543	0.353
50319.1337	0.922	5.786	0.498	0.349
50320.1395	0.224	5.878	0.541	0.321
50321.1291	0.521	5.938	0.556	0.340
50322.1517	0.828	5.800	0.520	0.286
50323.1428	0.125	5.852	0.524	0.304
50325.1400	0.725	5.833	0.530	0.302
50326.1543	0.029	5.816	0.534	0.296

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50327.1710	0.334	5.895	0.605	–
50328.3376	0.684	5.817	0.608	–
50329.2062	0.945	–	0.510	0.303
50330.1496	0.228	5.945	0.573	0.303
50332.2074	0.845	5.790	0.540	0.266
50333.2014	0.143	5.845	0.556	0.309
50334.2272	0.451	5.939	0.563	0.289
50335.2329	0.753	5.825	0.544	0.290
50336.2297	0.052	5.790	0.536	0.303
50337.1931	0.341	5.919	0.595	0.310
50340.2093	0.246	5.876	0.583	0.322
50341.2084	0.546	5.912	0.561	0.292
50342.2212	0.850	5.779	0.534	0.274
50344.2522	0.459	5.936	0.574	0.279
50347.2632	0.363	5.939	0.583	0.297
50349.2097	0.947	5.817	0.534	0.291
		V1467 Cyg		
50305.2231	0.483	13.688	2.570	1.583
50306.2880	0.505	13.691	2.622	1.596
50307.2905	0.526	13.755	2.729	1.608
50310.2711	0.587	13.791	2.696	1.561
50311.2470	0.607	13.865	2.646	1.580
50312.2790	0.628	13.900	2.672	1.595
50313.2724	0.649	13.921	2.585	1.590
50314.1960	0.668	13.976	–	1.608
50315.2114	0.689	13.923	2.777	1.551
50316.2596	0.710	13.941	2.644	1.532
50317.2233	0.730	14.007	2.658	1.561
50318.2390	0.751	14.031	2.655	1.560
50319.2239	0.771	14.001	2.572	1.563
50320.2251	0.792	14.003	2.595	1.536
50321.2155	0.812	13.944	2.560	1.526
50322.2487	0.834	13.852	2.590	1.523
50323.2495	0.854	13.734	2.679	1.468
50324.2514	0.875	13.545	2.530	1.433
50325.2155	0.895	13.418	2.321	1.445
50326.1785	0.915	13.270	2.233	1.420
50327.2558	0.937	13.125	2.247	–
50330.2152	0.998	13.103	2.218	1.382
50332.1857	0.039	13.020	2.380	1.308
50333.1867	0.059	13.057	2.305	1.408
50334.1967	0.080	13.098	2.338	1.402
50335.1986	0.101	13.136	2.411	1.444
50336.2186	0.122	13.162	2.271	1.448
50337.1817	0.142	13.185	2.373	1.449
50338.2616	0.164	13.201	2.411	1.458
50340.1694	0.203	13.250	2.473	1.483
50341.1768	0.224	13.290	2.449	1.500
50342.2054	0.245	13.292	2.437	1.505
50344.2307	0.287	13.325	2.554	1.473

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50347.1980	0.348	13.424	2.480	1.507
50357.1830	0.554	13.733	2.630	1.572
		V1726 Cyg		
50305.3194	0.309	9.024	0.922	0.526
50306.3193	0.545	9.089	0.967	0.535
50307.3035	0.777	9.021	0.915	0.508
50310.2957	0.484	9.049	0.960	0.517
50311.2693	0.713	9.044	0.917	0.524
50312.3003	0.957	8.914	0.864	0.500
50313.2915	0.191	8.938	0.912	0.496
50314.2777	0.423	9.065	0.959	0.527
50315.2866	0.661	9.060	0.936	0.530
50316.2195	0.882	8.957	0.887	0.503
50317.2405	0.123	8.968	0.874	0.516
50318.2723	0.366	9.059	0.949	0.524
50319.2586	0.599	9.071	0.948	0.536
50320.2422	0.831	8.994	0.901	0.505
50321.2334	0.065	8.914	0.874	0.508
50322.2674	0.309	9.030	0.910	0.547
50323.2672	0.545	9.087	0.969	0.535
50324.2697	0.782	9.011	0.911	0.530
50325.2394	0.010	8.910	0.858	0.507
50326.1882	0.234	9.013	0.914	0.526
50327.2715	0.490	9.130	–	–
50328.3869	0.753	9.015	0.932	0.534
50330.2254	0.187	9.021	0.913	0.516
50332.2150	0.657	9.057	0.939	0.516
50333.2288	0.896	8.955	0.860	–
50334.2342	0.133	8.930	0.870	0.482
50335.2377	0.370	9.056	0.946	0.539
50336.2350	0.606	9.070	0.945	0.525
50337.2117	0.836	8.978	0.905	0.502
50338.3458	0.104	8.916	0.887	0.492
50340.2117	0.544	9.088	0.972	0.557
50341.2113	0.780	9.006	0.899	0.510
50342.2247	0.019	8.885	0.883	0.491
50344.2444	0.496	9.097	0.968	0.512
50347.2288	0.200	8.971	0.898	0.514
50349.1809	0.661	9.081	–	0.538
50357.1951	0.552	9.092	0.960	0.557
		AA Gem		
50326.4512	0.939	9.574	0.970	0.572
50327.4818	0.030	9.406	0.934	0.545
50332.4566	0.471	9.949	1.276	–
50333.4852	0.562	10.051	1.262	–
50335.4609	0.736	9.830	1.113	0.631
50337.4699	0.914	9.680	1.024	0.610
50341.4639	0.267	9.645	1.146	0.629
50344.4773	0.534	10.003	1.300	–
50347.4656	0.798	9.783	1.096	0.655

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
		DX Gem		
50315.4665	0.623	10.782	1.091	0.574
50316.4798	0.946	10.855	1.086	0.619
50317.4816	0.265	10.578	0.948	0.600
50318.4776	0.583	10.777	1.016	0.650
50326.4899	0.137	10.727	0.963	0.647
50335.4870	0.005	10.827	1.008	0.674
50337.4871	0.643	10.849	1.081	0.657
50341.4712	0.913	10.903	1.068	0.648
50344.4719	0.869	10.900	1.091	0.645
50347.4618	0.822	10.912	1.108	0.678
		V Lac		
50305.3507	0.023	8.817	0.933	0.520
50306.3327	0.220	9.100	1.099	0.614
50307.3304	0.420	9.290	1.176	0.636
50311.2849	0.214	9.072	1.050	0.584
50312.3422	0.426	9.306	1.120	0.662
50313.3211	0.622	9.246	1.071	0.608
50314.2956	0.818	8.455	0.771	0.470
50315.2930	0.018	8.801	0.955	0.532
50316.2864	0.217	9.089	1.086	0.600
50317.2453	0.410	9.301	1.126	0.631
50318.2774	0.617	9.273	1.077	0.604
50319.2875	0.819	8.424	0.787	0.422
50320.3290	0.028	8.837	0.965	0.602
50321.2778	0.219	9.089	1.084	0.612
50322.3098	0.426	9.304	1.142	0.678
50323.3113	0.627	9.242	1.088	0.608
50324.2763	0.820	8.453	0.788	0.445
50325.2552	0.017	8.805	0.954	0.530
50326.2079	0.208	9.102	1.059	0.599
50327.2745	0.422	9.318	1.117	–
50330.2404	0.017	8.858	0.946	0.570
50332.2258	0.416	9.263	1.114	0.586
50333.2255	0.616	9.270	1.040	0.691
50334.2357	0.819	8.439	0.742	0.391
50335.2440	0.021	8.812	0.959	0.523
50336.2366	0.220	–	1.057	0.570
50337.2144	0.417	9.290	1.135	0.610
50338.3476	0.644	9.146	1.016	0.548
50340.2129	0.018	8.818	0.953	0.533
50341.2129	0.219	9.082	1.074	0.577
50342.2263	0.422	9.260	1.145	0.608
50344.2458	0.828	8.460	0.781	0.377
50347.2301	0.426	9.286	1.127	0.607
50349.1832	0.818	8.453	0.786	0.421
50357.1971	0.426	9.303	1.127	0.624
		X Lac		
50305.3513	0.905	8.322	0.894	0.512

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50306.3333	0.085	8.230	0.919	0.529
50307.3310	0.269	8.337	1.008	0.561
50311.2863	0.995	8.209	0.860	0.495
50312.3430	0.189	8.300	0.918	0.567
50313.3216	0.369	8.421	1.012	0.576
50314.2963	0.548	8.564	1.053	0.624
50315.2934	0.731	8.586	1.054	0.580
50316.2873	0.914	8.308	0.919	0.536
50317.2458	0.090	8.228	0.888	0.510
50318.2782	0.279	8.352	0.971	0.545
50319.2880	0.465	8.489	1.068	0.573
50320.3294	0.656	8.615	1.072	0.654
50321.2783	0.830	8.480	0.993	0.565
50322.3104	0.020	8.217	0.892	0.560
50323.3119	0.204	8.283	0.957	0.543
50324.2768	0.381	8.442	1.042	0.584
50325.2557	0.561	8.562	1.065	0.587
50326.2082	0.736	8.610	1.016	0.591
		Z Lac		
50305.3494	0.983	7.962	0.920	0.521
50306.3316	0.073	8.096	1.049	0.601
50307.3280	0.164	8.245	1.147	0.644
50311.2791	0.527	8.802	1.353	0.723
50312.3392	0.625	8.855	1.326	0.764
50313.3195	0.715	8.664	1.235	0.698
50314.2902	0.804	8.494	1.131	0.684
50315.2898	0.896	8.371	1.090	0.610
50316.2833	0.987	7.950	0.927	0.539
50317.2428	0.075	8.123	1.026	0.585
50318.2757	0.170	8.225	1.129	0.620
50319.2863	0.263	8.331	1.241	0.651
50320.3276	0.359	8.527	1.312	0.756
50321.2766	0.446	8.677	1.370	0.732
50322.3081	0.540	8.831	1.397	0.784
50323.3097	0.632	8.851	1.382	0.731
50324.2743	0.721	8.653	1.254	0.690
50325.2536	0.811	8.477	1.139	0.634
50326.2054	0.898	8.384	1.074	0.608
		RR Lac		
50307.3370	0.685	9.209	1.159	0.649
50311.2830	0.300	8.806	0.957	0.546
50312.3406	0.465	8.990	1.045	0.622
50313.3205	0.618	9.163	1.129	0.624
50314.2938	0.770	9.211	1.090	0.646
50315.2922	0.925	8.703	0.867	0.505
50316.2853	0.080	8.501	0.833	0.469
50317.2446	0.230	8.736	0.926	0.531
50318.2769	0.390	8.897	1.024	0.571
50319.2869	0.548	9.076	1.142	0.597

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50320.3282	0.710	9.241	1.140	0.685
50321.2772	0.858	8.998	1.001	0.562
50322.3092	0.019	8.448	0.787	0.493
50323.3108	0.175	8.633	0.921	0.513
50324.2754	0.325	8.846	1.019	0.562
50325.2545	0.478	8.998	1.066	0.589
50326.2063	0.626	9.209	1.119	0.619
		T Mon		
50326.4835	0.070	5.693	0.920	0.534
50327.4882	0.108	5.729	0.980	0.619
50332.4618	0.292	6.031	1.231	0.712
50333.4901	0.330	6.085	1.253	0.800
50335.4725	0.403	6.217	1.277	0.740
50337.4752	0.477	6.396	1.382	0.721
50338.4889	0.515	6.376	1.374	0.756
50341.4869	0.626	6.534	1.405	0.814
50344.4819	0.736	6.555	1.356	0.770
50347.4698	0.847	6.560	1.291	0.780
		SV Mon		
50326.4869	0.822	8.659	1.223	0.693
50327.4859	0.887	8.450	1.096	0.673
50328.5034	0.954	8.462	1.117	0.651
50332.4591	0.214	7.952	0.996	0.607
50333.4878	0.281	8.061	1.064	0.727
50335.4707	0.412	8.279	1.166	0.705
50337.4774	0.543	8.565	1.309	0.729
50338.4916	0.610	8.629	1.310	0.773
50341.4891	0.807	8.681	1.254	0.780
50344.4807	0.003	7.920	0.839	0.558
50347.4682	0.199	7.945	0.982	0.643
		UY Mon		
50315.4761	0.448	9.385	0.673	0.281
		Y Oph		
50305.1810	0.492	6.145	1.402	0.869
50306.1809	0.550	6.196	1.439	0.872
50307.1925	0.609	6.286	1.474	0.881
50310.2363	0.787	6.390	1.484	0.890
50311.1655	0.841	6.340	1.478	0.875
50312.1603	0.900	6.322	1.439	0.878
50313.1663	0.958	6.297	1.411	0.868
50314.1527	0.016	6.209	1.363	0.851
50315.1517	0.074	6.080	1.296	0.833
50316.1478	0.132	5.947	1.236	0.798
50317.1771	0.193	5.894	1.212	0.743
50318.1487	0.249	5.902	1.249	0.788
50319.1468	0.308	5.959	1.263	0.811
50320.1488	0.366	5.989	1.311	0.824
50321.1439	0.424	6.074	1.340	0.837

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50322.1382	0.482	6.137	1.383	0.853
50323.1381	0.541	6.202	1.381	0.879
50324.1423	0.599	6.256	1.407	0.882
50325.1346	0.657	6.298	1.449	0.900
50326.1311	0.716	6.354	1.467	0.899
50327.1906	0.777	6.343	1.530	–
50329.2010	0.895	–	1.435	0.866
50330.1415	0.950	6.287	1.438	0.874
50332.1408	0.067	6.103	1.303	0.796
50333.1451	0.125	5.939	1.243	0.757
50334.1541	0.184	5.877	1.244	0.828
50335.1486	0.242	5.866	1.257	0.788
50336.1460	0.301	5.948	1.291	0.837
50337.1431	0.359	6.003	1.293	0.846
		BF Oph		
50305.1826	0.051	7.082	0.774	0.444
50307.1937	0.546	7.620	0.982	0.532
50311.1672	0.523	7.529	1.007	0.579
50312.1615	0.767	7.483	0.937	0.574
50313.1670	0.014	7.048	0.702	0.473
50314.1542	0.257	7.312	0.908	0.536
50315.1571	0.504	7.625	0.883	0.615
50316.1487	0.747	7.585	0.873	0.587
50317.1783	0.000	7.059	0.695	0.350
50318.1498	0.239	7.305	0.927	0.539
50319.1479	0.485	7.593	0.924	0.578
50320.1506	0.731	7.590	0.931	0.557
50321.1451	0.976	6.997	0.658	0.427
50322.1392	0.220	7.310	0.853	0.466
50323.1394	0.466	7.553	0.852	0.533
50324.1433	0.713	7.608	0.850	0.558
50325.1362	0.957	6.973	0.680	0.451
50326.1326	0.202	7.274	0.863	0.507
		SV Per		
50327.4619	0.980	8.549	0.897	0.510
50328.4832	0.071	8.646	1.009	0.568
50332.3958	0.423	9.119	1.202	0.733
50333.4028	0.513	9.270	1.169	0.778
50334.4085	0.604	9.342	1.200	0.694
50335.4159	0.694	9.304	1.164	0.718
50337.3826	0.871	9.017	1.052	0.637
50338.4567	0.968	8.655	0.921	0.564
50340.3824	0.141	8.710	1.026	0.616
50341.3908	0.231	8.840	1.084	0.648
50342.3975	0.322	8.948	1.147	0.665
50344.3895	0.501	9.237	1.238	0.737
50347.3989	0.771	9.048	1.104	0.608
		SX Per		
50328.4727	0.820	11.423	1.322	0.740

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50332.3767	0.730	11.498	1.296	0.787
50333.3800	0.964	10.808	0.988	0.641
50334.3959	0.201	10.975	1.121	0.663
50335.4014	0.435	11.286	1.279	0.760
50337.3657	0.893	11.261	1.201	0.712
50338.4462	0.145	10.897	1.064	0.663
50341.3715	0.827	11.471	1.263	0.751
50342.3870	0.064	10.754	1.002	0.611
50344.3748	0.527	11.343	1.308	0.776
50347.3804	0.228	10.983	1.145	0.666
		UX Per		
50316.4677	0.306	11.683	1.136	0.677
50319.4705	0.964	11.119	0.831	0.502
50320.4634	0.181	11.538	1.013	0.629
50321.4705	0.402	11.817	1.156	0.650
50322.4874	0.625	12.056	1.164	0.736
50323.4316	0.831	11.764	1.090	0.644
50325.3944	0.261	11.660	1.094	0.644
50326.3477	0.470	11.896	1.186	0.669
50327.4053	0.702	12.032	1.216	0.678
50328.4265	0.925	11.110	0.849	0.486
50330.3514	0.347	11.724	1.127	0.666
50332.3237	0.779	11.966	1.157	0.688
50333.3237	0.998	11.162	0.881	0.528
50334.3466	0.222	11.601	1.080	0.633
50335.3575	0.443	11.876	1.165	0.723
50337.3125	0.872	11.449	0.976	0.572
50338.4187	0.114	11.407	0.985	0.570
50340.3067	0.527	11.961	1.162	0.706
50341.3146	0.748	12.037	1.210	0.689
50342.3324	0.971	11.105	0.869	0.479
50344.3396	0.411	11.827	1.187	0.685
50347.3332	0.066	11.292	0.947	0.542
50357.3038	0.250	11.620	1.072	0.662
		UY Per		
50316.4762	0.030	10.861	1.405	0.879
50319.4821	0.590	11.617	1.719	1.019
50320.4718	0.775	11.716	1.709	1.022
50321.4764	0.962	10.915	1.375	0.835
50322.4947	0.152	11.111	1.442	0.940
50323.4470	0.329	11.317	1.641	0.979
50325.4035	0.694	11.666	1.723	1.030
50326.3630	0.873	11.444	1.557	0.935
50327.4158	0.069	10.933	1.382	0.869
50328.4429	0.260	11.197	1.562	0.951
50332.3332	0.985	10.851	1.380	0.879
50333.3331	0.172	11.104	1.509	0.933
50334.3560	0.362	11.351	1.668	0.966
50335.3646	0.550	11.578	1.717	1.041
50337.3201	0.915	11.174	1.490	0.910

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50338.4331	0.122	11.031	1.457	0.899
50340.3157	0.473	11.490	1.684	1.021
50341.3238	0.661	11.706	1.748	1.062
50342.3392	0.850	11.499	1.625	0.969
50344.3578	0.227	11.168	1.573	0.945
50347.3422	0.783	11.682	1.725	1.011
50357.3125	0.641	11.645	1.717	1.043
		VX Per		
50318.4857	0.394	9.648	1.356	0.807
50319.4671	0.484	9.461	1.250	0.729
50320.4599	0.575	9.260	1.155	0.685
50321.4668	0.668	9.078	1.104	0.627
50322.4862	0.761	9.156	1.088	0.698
50323.4300	0.848	8.972	1.112	0.642
50325.3910	0.028	9.251	1.263	0.726
50326.3453	0.116	9.381	1.314	0.723
50327.4029	0.213	9.510	1.386	0.750
50328.4248	0.307	9.615	1.409	0.766
50330.3493	0.483	9.434	1.253	0.733
50332.3255	0.665	9.071	1.113	0.666
50333.3224	0.756	9.119	1.141	0.675
50334.3444	0.850	8.967	1.103	0.627
50335.3559	0.943	9.164	1.203	0.720
50336.3812	0.037	9.261	1.255	0.710
50337.3061	0.122	9.392	1.345	0.752
50338.4177	0.224	9.544	1.391	0.770
50340.3052	0.398	9.646	1.345	0.783
50341.3129	0.490	9.455	1.281	0.731
50342.3306	0.584	9.201	1.157	0.657
50344.3384	0.768	9.101	1.143	0.662
50347.3314	0.043	9.260	1.279	0.705
50357.3017	0.959	9.172	1.193	0.732
		VY Per		
50316.4707	0.841	11.462	1.742	1.065
50319.4765	0.385	11.298	1.668	1.056
50320.4666	0.564	11.502	1.731	1.076
50321.4723	0.746	11.631	1.782	1.074
50322.4895	0.929	11.128	1.446	0.987
50323.4428	0.102	10.892	1.507	0.966
50326.3534	0.628	11.583	1.785	1.050
50327.4083	0.819	11.537	1.733	1.048
50328.4360	0.004	10.749	1.429	0.901
50330.3538	0.351	–	1.660	0.996
50332.3278	0.708	11.597	1.800	1.101
50333.3263	0.888	11.257	1.586	1.002
50334.3515	0.074	10.824	1.485	0.912
50335.3604	0.256	11.125	1.643	1.029
50337.3150	0.609	11.542	1.816	1.082
50338.4293	0.811	11.568	1.744	1.056

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50340.3098	0.151	10.979	1.522	0.980
50341.3172	0.333	11.233	1.702	1.035
50342.3346	0.517	11.400	1.722	1.053
50344.3529	0.882	11.279	1.647	1.013
50347.3360	0.421	11.309	1.704	1.031
50357.3064	0.223	11.050	1.595	1.001
		AS Per		
50316.4787	0.007	9.249	1.169	0.736
50320.4733	0.811	10.076	1.471	0.892
50321.4778	0.013	9.248	1.144	0.699
50323.4826	0.416	9.841	1.454	0.861
50326.4019	0.003	9.278	1.148	0.706
50327.4520	0.214	9.519	1.299	0.772
50328.4758	0.420	9.795	1.461	0.858
50332.3794	0.205	9.524	1.322	0.831
50333.3916	0.409	9.804	1.423	0.914
50334.3992	0.611	9.999	1.501	0.884
50335.4039	0.813	10.077	1.499	0.914
50337.3686	0.209	9.602	1.343	0.809
50338.4537	0.427	9.830	1.447	0.872
50340.3722	0.813	10.056	1.482	0.897
50341.3737	0.014	9.253	1.153	0.720
50342.3890	0.218	9.527	1.312	0.799
50344.3788	0.618	9.993	1.543	0.920
50347.3827	0.222	9.526	1.326	0.798
		AW Per		
50323.4902	0.050	7.120	0.950	0.569
50326.4118	0.502	7.705	1.195	0.718
50332.3934	0.427	7.514	1.160	0.714
50333.4014	0.583	7.756	1.185	0.783
50334.4070	0.739	7.851	1.221	0.707
50335.4139	0.895	7.487	1.078	0.666
50337.3766	0.198	7.320	1.085	0.649
50340.3801	0.663	7.870	1.246	0.727
50341.3892	0.819	7.762	1.149	0.694
50342.3959	0.975	7.047	0.915	0.548
50344.3863	0.283	7.391	1.129	0.683
50347.3901	0.748	7.808	1.238	0.705
		BM Per		
50323.4851	0.465	10.470	1.910	1.148
50326.4052	0.592	10.635	1.999	1.167
50327.4549	0.638	10.667	2.024	1.151
50328.4802	0.683	10.766	2.042	1.185
50332.3874	0.853	10.918	2.013	1.215
50333.3959	0.897	10.956	1.937	1.245
50334.4023	0.941	10.906	1.947	1.147
50335.4076	0.984	10.968	1.939	1.191
50337.3713	0.070	10.001	1.493	0.957

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50338.4555	0.117	9.844	1.462	0.953
50340.3742	0.201	9.981	1.577	1.020
50341.3850	0.245	10.067	1.624	1.032
50342.3907	0.289	10.116	1.715	1.060
50344.3813	0.375	10.248	1.863	1.127
50347.3850	0.506	10.427	1.947	1.130
		CI Per		
50316.4615	0.494	12.801	0.968	0.606
50319.4625	0.404	12.749	0.921	0.559
50320.4576	0.706	12.826	0.926	0.545
50321.4648	0.011	12.374	0.751	0.460
50322.4840	0.320	12.730	0.880	0.555
50323.4262	0.606	12.876	0.950	0.575
50325.3875	0.201	12.579	0.832	0.545
50326.3408	0.490	12.865	0.935	0.563
50327.3998	0.811	12.738	0.859	0.506
50328.4224	0.121	12.460	0.842	0.471
50330.3403	0.703	12.772	0.892	0.551
50332.3209	0.304	12.664	0.896	0.557
50333.3205	0.607	12.860	0.925	0.577
50334.3414	0.916	12.457	0.817	0.461
50335.3538	0.223	12.590	0.895	0.540
50336.3788	0.534	12.848	0.940	0.582
50337.3035	0.815	12.771	0.904	0.531
50338.4157	0.152	12.511	0.863	0.494
50340.3029	0.724	12.823	0.896	0.560
50341.3088	0.029	12.404	0.810	0.467
50342.3282	0.339	12.687	0.915	0.530
50344.3365	0.948	12.384	0.797	0.456
50347.3288	0.855	12.662	0.842	0.520
50349.2881	0.449	12.777	0.936	0.578
50357.2985	0.879	12.587	0.802	0.530
		DW Per		
50316.4731	0.126	11.360	1.116	0.707
50319.4790	0.950	11.270	1.024	0.623
50320.4692	0.221	11.490	1.153	0.706
50321.4745	0.496	11.776	1.299	0.758
50322.4925	0.775	11.898	1.228	0.787
50323.4449	0.036	11.240	1.047	0.647
50325.3974	0.571	11.789	1.325	0.779
50326.3561	0.834	11.775	1.222	0.723
50327.4132	0.124	11.355	1.077	0.671
50328.4383	0.404	11.673	1.259	0.761
50332.3300	0.471	11.737	1.298	0.775
50333.3284	0.744	11.871	1.303	0.775
50334.3539	0.025	11.223	1.053	0.623
50335.3625	0.302	11.592	1.227	0.757
50337.3175	0.837	11.741	1.244	0.738
50338.4312	0.142	11.392	1.126	0.665

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50340.3124	0.658	11.878	1.277	0.771
50341.3203	0.934	11.318	1.086	0.639
50342.3370	0.212	11.457	1.165	0.680
50344.3553	0.765	11.850	1.310	0.749
50347.3379	0.583	11.818	1.300	0.753
50357.3087	0.315	11.571	1.235	0.759
		HQ Per		
50323.4877	0.282	11.506	1.200	0.718
50326.4086	0.620	11.800	1.339	0.776
50327.4581	0.741	11.814	1.334	0.744
50332.3906	0.312	11.496	1.254	0.765
50333.3987	0.429	11.603	1.234	0.815
50334.4045	0.545	11.696	1.334	0.760
50335.4114	0.662	11.835	1.367	–
50337.3739	0.889	11.669	1.222	0.738
50340.3774	0.237	11.458	1.219	0.740
50341.3870	0.354	11.530	1.246	0.727
50342.3932	0.470	11.608	1.282	0.765
50344.3836	0.701	11.825	1.370	–
50347.3881	0.048	11.343	1.119	0.685
		V440 Per		
50307.3807	0.133	6.205	0.873	0.506
50314.4678	0.069	6.227	0.868	0.508
50315.4569	0.200	6.260	0.847	0.541
50316.4303	0.328	6.288	0.881	0.529
50317.4677	0.465	6.290	0.897	0.518
50318.4579	0.596	6.321	0.892	0.526
50319.4864	0.732	6.290	0.882	0.512
50320.4833	0.863	6.272	0.854	0.515
50321.4986	0.997	6.231	0.840	0.499
50322.4316	0.121	6.241	0.867	0.523
50323.5049	0.262	6.277	0.871	0.546
50326.4826	0.655	6.333	0.891	0.560
50327.4960	0.789	6.256	0.870	0.520
50332.4772	0.447	6.285	0.921	–
50335.4846	0.844	6.272	0.868	0.601
50337.4956	0.110	6.216	0.879	0.515
50338.4907	0.241	6.248	0.875	0.507
50341.4873	0.637	6.313	0.904	0.552
50347.4804	0.428	6.304	0.927	–
		S Sge		
50305.1648	0.842	5.747	0.821	0.467
50306.1606	0.961	5.330	0.644	0.385
50307.1826	0.083	5.379	0.714	0.395
50311.1530	0.556	5.829	0.996	0.492
50312.1479	0.675	5.990	1.014	0.521
50313.1538	0.795	5.857	0.932	0.474
50314.1377	0.912	5.500	0.734	0.395

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50314.1381	0.912	5.501	0.729	0.396
50315.1396	0.032	5.300	0.671	0.380
50316.1397	0.151	5.412	0.773	0.407
50317.1693	0.274	5.382	0.730	–
50318.1397	0.390	5.646	0.862	0.479
50319.1380	0.509	5.796	0.907	0.524
50320.1384	0.628	5.948	0.973	0.537
50321.1340	0.747	5.989	0.937	0.530
50322.1275	0.866	5.666	0.774	0.476
50323.1297	0.985	5.263	0.616	0.384
50324.1348	0.105	5.403	0.707	0.410
50325.1255	0.223	5.382	0.717	0.410
50326.1226	0.342	5.579	0.845	0.452
50327.1768	0.468	5.726	0.953	–
50329.1594	0.704	–	1.000	0.521
50330.2315	0.832	5.830	0.853	0.478
50332.2200	0.070	5.348	0.692	–
50333.1979	0.186	5.371	0.742	0.401
50334.2249	0.309	5.473	0.784	0.426
50335.2247	0.428	5.686	0.913	0.506
50336.2321	0.548	5.843	0.979	0.535
50337.2097	0.665	5.995	0.995	0.534
50340.1819	0.019	5.269	0.668	0.378
50342.2188	0.262	5.345	0.746	0.407
50344.2503	0.505	5.782	0.940	–
50347.2609	0.864	5.672	0.812	0.461
50349.2070	0.096	5.401	0.725	0.415
		GY Sge		
50305.2169	0.690	10.456	2.528	1.420
50306.2727	0.710	10.494	2.467	1.451
50307.2564	0.729	10.494	2.468	1.438
50310.2630	0.787	10.513	2.460	1.417
50311.1902	0.805	10.528	2.454	1.418
50312.1907	0.825	10.496	2.411	1.415
50313.2129	0.845	10.477	2.416	1.407
50314.1870	0.863	10.466	2.410	1.399
50315.2087	0.883	10.347	2.303	1.349
50316.2054	0.903	10.321	2.217	1.340
50316.2637	0.904	10.308	2.290	1.355
50317.2128	0.922	10.235	2.221	1.349
50318.2025	0.941	10.183	2.184	1.318
50319.1957	0.960	10.074	2.166	1.308
50320.2073	0.980	10.010	2.123	1.290
50321.2020	0.999	9.948	2.056	1.290
50322.1865	0.018	9.927	2.073	1.276
50323.1841	0.038	9.890	2.074	1.269
50324.2056	0.058	9.902	2.047	1.274
50325.2023	0.077	9.884	2.091	1.271
50326.1613	0.095	9.893	2.055	1.284
50327.2305	0.116	9.861	2.091	–

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50328.3533	0.138	9.897	2.041	1.278
50329.1779	0.154	–	2.070	1.305
50330.1766	0.173	9.972	2.144	1.298
50332.1672	0.212	9.923	2.198	1.277
50333.1672	0.231	9.954	2.178	1.323
50334.1822	0.251	9.979	2.216	1.322
50335.1781	0.270	10.000	2.254	1.337
50336.1819	0.290	10.000	2.234	1.349
50337.1681	0.309	10.040	2.260	1.352
50338.2262	0.329	10.040	2.291	1.342
50340.1552	0.367	10.094	2.313	1.371
50341.1632	0.386	10.104	2.317	1.371
50342.1695	0.406	10.116	2.302	1.370
50344.1797	0.445	10.157	2.345	1.344
50347.1728	0.503	10.230	2.352	1.406
50349.1584	0.541	10.235	2.382	1.384
50357.1446	0.696	10.375	2.393	1.399
		U Sgr		
50306.1725	0.968	6.435	0.920	0.574
50307.1898	0.119	6.434	0.979	0.583
50310.2324	0.570	6.954	1.215	0.716
50311.1624	0.708	7.017	1.281	0.723
50312.1569	0.855	6.848	1.137	0.685
50313.1626	0.005	6.354	0.897	0.570
50314.1484	0.151	6.452	0.991	0.619
50315.1485	0.299	6.638	1.050	0.692
50316.1463	0.447	6.753	1.115	0.707
50317.1752	0.599	6.942	1.203	0.647
50318.1463	0.743	7.040	1.256	0.721
50319.1440	0.891	6.757	1.016	0.659
50320.1456	0.040	6.313	0.891	0.567
50321.1406	0.187	6.511	0.983	0.632
50322.1352	0.335	6.647	1.072	0.653
50323.1353	0.483	6.825	1.108	0.694
50324.1400	0.632	6.963	1.164	0.712
50325.1315	0.779	7.080	1.214	0.715
50326.1279	0.927	6.620	1.005	0.617
		W Sgr		
50310.2253	0.157	–	0.648	0.421
50311.1571	0.280	4.426	0.719	0.425
50312.1516	0.411	4.710	0.835	0.502
50313.1575	0.543	4.904	0.877	0.532
50314.1420	0.673	5.035	0.915	0.532
50315.1436	0.805	4.912	0.695	0.526
50316.1427	0.936	4.297	0.502	0.383
50317.1711	0.072	4.392	0.572	–
50318.1484	0.200	4.476	0.714	0.431
50319.1462	0.332	4.667	0.681	0.480
50320.1483	0.464	4.793	0.823	0.500

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50321.1430	0.595	5.011	0.830	0.514
50322.1376	0.725	5.055	0.821	0.460
50323.1377	0.857	4.685	0.568	0.403
50324.1419	0.989	4.271	0.442	0.339
50325.1342	0.120	4.479	0.624	0.430
50326.1300	0.251	4.458	0.664	0.425
		X Sgr		
50305.1816	0.712	4.822	0.815	0.524
50306.1816	0.855	4.450	0.614	0.416
50307.1936	0.999	4.291	0.578	0.383
50310.2380	0.433	4.792	0.798	0.523
50311.1667	0.566	4.772	0.890	0.547
50312.1617	0.708	4.775	0.843	0.546
50313.1673	0.851	4.522	0.659	0.473
50314.1543	0.992	4.206	0.596	0.428
50315.1565	0.135	4.405	0.578	0.519
50316.1489	0.276	4.485	0.674	0.527
50317.1784	0.423	4.700	0.758	0.437
50318.1498	0.561	4.786	0.883	0.549
50319.1479	0.704	4.875	0.770	0.551
50320.1504	0.847	4.506	0.669	0.465
50321.1449	0.988	4.256	0.530	0.417
50322.1393	0.130	4.352	0.626	0.409
50323.1394	0.273	4.516	0.628	0.474
50324.1433	0.416	4.639	0.699	0.508
50325.1361	0.558	4.783	0.816	0.556
50326.1327	0.700	4.856	0.815	0.533
50330.1367	0.271	–	–	0.504
50332.1364	0.556	4.786	0.840	0.377
		Y Sgr		
50305.1791	0.905	5.606	0.765	0.470
50306.1792	0.078	5.408	0.698	0.425
50307.1913	0.254	5.696	0.863	0.488
50310.2345	0.781	6.082	0.967	0.552
50311.1644	0.942	5.437	0.733	0.432
50312.1591	0.114	5.441	0.764	0.456
50313.1648	0.288	5.687	0.873	0.520
50314.1507	0.459	5.839	0.958	0.558
50315.1496	0.632	6.044	0.971	0.605
50316.1472	0.805	5.974	0.903	0.560
50317.1762	0.983	5.376	0.663	–
50318.1474	0.151	5.506	0.795	0.469
50319.1451	0.324	5.751	0.861	0.537
50320.1469	0.498	5.853	0.908	0.573
50321.1419	0.670	6.071	0.976	0.584
50322.1364	0.842	5.863	0.883	0.503
50323.1363	0.015	5.371	0.616	0.419
50324.1408	0.189	5.561	0.758	0.483
50325.1327	0.361	5.799	0.903	0.545
50326.1289	0.534	5.939	0.975	0.564

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
		WZ Sgr		
50305.1807	0.288	7.906	1.465	0.806
50306.1803	0.334	7.959	1.483	0.806
50307.1922	0.380	8.109	1.557	0.820
50310.2351	0.520	8.380	1.654	0.873
50311.1650	0.562	8.384	1.716	0.882
50312.1596	0.608	8.451	1.695	0.887
50313.1653	0.654	8.551	1.694	0.904
50314.1513	0.699	8.525	1.662	0.895
50315.1743	0.746	8.519	1.534	0.884
50316.1871	0.792	8.465	1.509	–
50317.1845	0.838	8.374	1.450	0.796
50318.1704	0.883	8.357	1.486	0.824
50319.1605	0.928	8.069	1.271	0.758
50321.1637	0.020	7.446	1.037	0.655
50322.1614	0.065	7.507	1.113	0.650
50323.1601	0.111	7.615	1.159	0.689
50324.1791	0.158	7.729	1.215	0.755
50325.1526	0.202	7.782	1.333	0.773
50326.1436	0.248	7.850	1.395	0.781
		XX Sgr		
50306.1784	0.589	9.140	1.310	0.761
50307.1910	0.747	9.304	1.323	0.788
50310.2338	0.221	8.703	1.102	0.678
50311.1637	0.365	8.802	1.207	0.718
50312.1582	0.520	9.039	1.283	0.776
50313.1639	0.677	9.255	1.348	0.797
50314.1499	0.830	9.182	1.255	0.768
50315.1758	0.990	8.486	0.914	0.625
50316.1880	0.148	8.601	0.994	0.579
50317.1857	0.303	8.834	1.133	0.685
50319.1624	0.611	9.217	1.279	0.796
50321.1654	0.922	8.848	1.070	0.696
50322.1642	0.078	8.477	0.965	0.606
50323.1612	0.233	8.728	1.076	0.672
50324.1805	0.392	8.895	1.142	0.743
50325.1538	0.543	9.128	1.275	0.786
		YZ Sgr		
50306.1683	0.302	7.394	1.102	0.612
50307.1865	0.409	7.612	1.201	0.632
50310.2301	0.727	7.404	0.994	0.582
50311.1604	0.825	7.130	0.934	0.529
50312.1548	0.929	7.137	0.942	0.552
50313.1609	0.034	7.014	0.877	0.535
50314.1459	0.137	7.200	1.010	0.591
50315.1472	0.242	7.346	1.040	0.638
50316.1454	0.346	7.487	1.108	0.662
50317.1745	0.454	7.651	1.177	0.596
50318.1452	0.556	7.672	1.174	0.656

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50319.1429	0.660	7.530	1.018	0.627
50320.1442	0.765	7.263	0.939	0.570
50321.1393	0.869	7.182	0.893	0.551
50322.1341	0.973	7.102	0.887	0.524
50323.1338	0.078	7.101	0.863	0.563
50324.1390	0.183	7.249	0.978	0.592
50325.1302	0.287	7.434	1.092	0.629
50326.1266	0.391	7.560	1.155	0.644
50327.1892	0.502	7.661	1.245	–
50329.1984	0.713	–	1.052	0.560
50330.1457	0.812	7.106	0.962	0.561
50332.1445	0.021	7.011	0.868	0.466
50333.1491	0.126	7.187	0.997	0.500
50334.1586	0.232	7.312	1.093	0.651
50335.1529	0.336	7.446	1.156	0.623
50336.1510	0.440	7.654	1.216	0.702
50337.1471	0.545	7.713	1.147	0.687
		AP Sgr		
50306.1809	0.500	7.067	0.903	0.492
50307.1926	0.700	7.330	0.981	0.535
50310.2362	0.302	6.947	0.824	0.488
50311.1655	0.486	7.070	0.942	0.536
50312.1603	0.683	7.226	0.991	0.560
50313.1662	0.882	7.164	0.859	0.518
50314.1520	0.076	6.552	0.650	0.402
50315.1501	0.274	6.871	0.767	0.517
50316.1477	0.471	7.072	0.875	0.543
50317.1766	0.674	7.276	0.952	0.477
50318.1479	0.866	7.202	0.923	0.520
50319.1456	0.064	6.586	0.614	0.395
50320.1476	0.262	6.809	0.794	0.470
50321.1424	0.459	7.083	0.879	0.528
50322.1371	0.655	7.265	0.953	0.529
50323.1372	0.853	7.265	0.835	0.527
50324.1413	0.051	6.534	0.577	0.374
50325.1338	0.248	6.823	0.780	0.477
50326.1294	0.445	7.044	0.907	0.524
50330.1398	0.237	–	0.856	0.481
50332.1395	0.633	7.219	0.953	0.447
50333.1438	0.831	7.253	0.952	0.389
50334.1531	0.031	6.530	0.677	0.451
50336.1450	0.425	7.063	0.949	0.575
50337.1421	0.622	7.265	0.897	0.590
		BB Sgr		
50305.1755	0.305	6.879	0.984	0.587
50306.1669	0.454	7.004	1.034	0.581
50307.1856	0.608	7.223	1.145	0.595
50310.2285	0.066	6.721	0.853	0.521
50311.1593	0.206	6.789	0.987	0.559

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50312.1537	0.356	6.878	1.034	0.595
50313.1597	0.508	7.079	1.076	0.633
50314.1445	0.656	7.207	1.138	0.638
50315.1459	0.807	7.117	0.995	0.631
50316.1445	0.958	6.705	0.838	0.528
50317.1734	0.113	6.720	0.879	0.445
50318.1438	0.259	6.844	1.005	0.571
50319.1416	0.409	7.006	0.993	0.613
50320.1428	0.560	7.094	1.093	0.622
50321.1378	0.710	7.261	1.075	0.635
50322.1325	0.860	6.964	0.938	0.551
50323.1326	0.010	6.649	0.757	0.505
50324.1380	0.162	6.770	0.869	0.541
50325.1289	0.311	6.932	0.985	0.583
50326.1253	0.461	7.036	1.062	0.600
		V350 Sgr		
50305.1785	0.888	7.269	0.802	0.495
50306.1698	0.080	7.179	0.800	0.471
50307.1890	0.278	7.507	0.970	0.547
50310.2314	0.868	7.413	0.841	0.505
50311.1612	0.049	7.120	0.824	0.476
50312.1553	0.241	7.371	0.943	0.560
50313.1613	0.437	7.617	1.008	0.600
50314.1465	0.628	7.739	1.060	0.613
50315.1479	0.822	7.584	0.885	0.587
50316.1460	0.016	7.111	0.748	0.484
50317.1749	0.215	7.384	0.903	0.459
50318.1460	0.404	7.574	1.028	0.591
50319.1435	0.597	7.785	1.010	0.622
50320.1450	0.792	7.654	0.962	0.575
50321.1399	0.985	7.102	0.730	0.465
50322.1347	0.178	7.335	0.883	0.512
50323.1346	0.372	7.573	0.915	0.577
50324.1395	0.566	7.724	0.979	0.600
50325.1309	0.759	7.799	0.998	0.598
50326.1274	0.952	7.085	0.748	0.453
		SS Sct		
50306.1713	0.223	8.062	0.918	0.549
50307.1882	0.500	8.349	1.052	0.605
50310.2319	0.329	8.180	0.984	0.577
50311.1617	0.583	8.340	1.081	0.605
50312.1562	0.854	8.346	1.026	0.590
50313.1618	0.128	7.953	0.867	0.513
50314.1474	0.396	8.240	1.021	0.593
50315.1828	0.678	8.422	1.038	0.621
50316.1929	0.953	8.158	0.893	0.496
50317.1927	0.226	8.113	0.913	0.538
50318.1819	0.495	8.365	1.065	0.611
50319.1735	0.765	8.452	1.057	0.604

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50320.1906	0.042	7.939	0.842	0.495
50321.1743	0.310	8.171	0.968	0.565
50322.1724	0.582	8.386	1.050	0.607
50323.1704	0.854	8.393	0.993	0.593
50324.1883	0.131	7.987	0.855	0.531
50325.1613	0.396	8.254	1.003	0.593
		EV Sct		
50306.3245	0.204	10.081	1.205	0.726
50307.2366	0.499	10.307	1.241	0.792
50310.2442	0.472	10.276	1.261	0.776
50311.1791	0.774	10.175	1.208	0.754
50312.1780	0.098	9.998	1.146	0.730
50313.1935	0.426	10.241	1.232	0.780
50314.1749	0.744	10.189	1.212	0.773
50315.1782	0.068	10.005	1.101	0.725
50316.1907	0.396	10.245	1.196	0.717
50317.1915	0.720	10.248	1.202	0.750
50318.1803	0.039	10.029	1.145	0.727
50319.1695	0.360	10.213	1.206	0.768
50320.1880	0.689	10.235	1.230	0.761
50321.1731	0.008	10.005	1.108	0.717
50322.1710	0.331	10.184	1.211	0.753
50323.1687	0.653	10.281	1.205	0.765
50324.1869	0.983	10.039	1.112	0.737
50325.1584	0.297	10.154	1.185	0.756
50326.1469	0.617	10.282	1.216	0.783
50327.2049	0.959	10.037	1.152	0.800
50330.1598	0.915	10.022	1.183	0.754
50332.1513	0.559	10.284	1.248	0.755
50333.1528	0.883	10.062	1.157	0.700
50334.1637	0.210	10.080	1.200	0.777
50335.1638	0.534	10.276	1.309	0.768
50336.1638	0.858	10.091	1.207	0.769
50337.1561	0.179	10.073	1.171	0.744
50340.1450	0.146	10.048	1.171	0.754
50341.1524	0.471	10.266	1.256	0.776
50342.1562	0.796	10.144	1.200	0.777
50344.1667	0.447	10.230	1.270	0.698
50347.1604	0.415	10.217	1.264	0.789
50349.1456	0.057	9.974	1.192	0.730
		EW Sct		
50305.2326	0.957	7.912	1.714	1.104
50306.1909	0.121	7.924	1.675	1.101
50307.2373	0.301	7.992	1.670	1.127
50310.2454	0.817	8.126	1.742	1.142
50312.1790	0.149	7.752	1.617	1.087
50313.1946	0.324	8.030	1.737	1.143
50314.1757	0.492	8.233	1.826	1.187
50314.2490	0.505	8.248	1.832	1.176

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50315.1792	0.665	8.136	1.702	1.143
50316.1917	0.838	7.782	1.557	1.015
50317.1877	0.009	7.892	1.636	1.066
50318.1788	0.180	8.021	1.734	1.128
50319.1657	0.349	8.053	1.698	1.133
50320.1859	0.524	7.954	1.698	1.104
50321.1687	0.693	8.045	1.715	1.124
50322.1672	0.865	8.046	1.697	1.111
50323.1643	0.036	7.774	1.577	1.060
50324.1836	0.211	7.808	1.598	1.093
50325.1570	0.378	7.992	1.702	1.129
50326.1459	0.548	8.229	1.788	1.169
50327.2003	0.729	8.140	1.777	1.225
50329.1647	0.066	7.639	1.687	1.089
50330.1571	0.237	8.034	1.770	1.155
50332.1489	0.579	8.021	1.717	1.102
50333.1541	0.751	7.939	1.692	1.072
50334.1657	0.925	7.964	1.726	1.139
50335.1655	0.097	7.846	1.679	1.077
50336.1654	0.268	7.831	1.686	1.121
50337.1588	0.439	8.004	1.721	1.131
50338.2172	0.621	8.214	1.806	1.175
50340.1471	0.952	7.659	1.579	1.059
50341.1541	0.125	7.827	1.657	1.090
50342.1587	0.298	8.066	1.782	1.168
50344.1696	0.643	8.017	1.736	1.039
50347.1629	0.157	7.929	1.714	1.128
50349.1483	0.498	7.929	1.742	1.133
50357.1344	0.869	7.726	1.579	0.993
		V367 Sct		
50305.2375	0.840	11.528	1.778	1.175
50306.1932	0.992	11.505	1.750	1.162
50307.2339	0.158	11.595	1.726	1.190
50310.2417	0.636	11.841	1.873	1.240
50311.1756	0.784	11.787	1.855	1.230
50312.1751	0.943	11.452	1.705	1.161
50313.1904	0.104	11.343	1.679	1.147
50314.1714	0.260	11.569	1.874	1.213
50314.2457	0.272	11.598	1.822	1.209
50315.1812	0.420	11.792	1.816	1.245
50316.1965	0.582	11.867	1.778	1.210
50317.1982	0.741	11.649	1.798	1.181
50318.1767	0.896	11.429	1.725	1.149
50319.1847	0.057	11.534	1.740	1.179
50320.1833	0.215	11.599	1.768	1.193
50321.1712	0.372	11.622	1.820	1.193
50322.1695	0.531	11.661	1.807	1.194
50323.1661	0.689	11.752	1.776	1.217
50324.1853	0.851	11.694	1.765	1.215
50325.1672	0.007	11.452	1.662	1.147

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50326.1518	0.164	11.356	1.668	1.142
50327.2251	0.334	11.548	1.821	1.252
50329.1697	0.643	11.509	1.918	1.230
50330.1616	0.801	11.540	1.772	1.204
50332.1468	0.116	11.553	1.763	1.169
50333.1504	0.276	11.664	1.864	1.165
50334.1604	0.436	11.713	1.869	1.264
50335.1598	0.595	11.669	1.850	1.199
50336.1617	0.754	11.648	1.856	1.235
50337.1540	0.912	11.614	1.748	1.185
50340.1429	0.387	11.632	1.826	1.216
50341.1489	0.547	11.825	1.905	1.230
50342.1529	0.706	11.840	1.887	1.253
50344.1633	0.026	11.289	1.702	1.025
		BQ Ser		
50305.2409	0.930	9.266	1.392	0.824
50306.1948	0.153	9.437	1.478	0.875
50307.2355	0.397	9.598	1.511	0.918
50310.2429	0.101	9.276	1.381	0.834
50311.1775	0.320	9.408	1.451	0.869
50312.1765	0.553	9.679	1.567	0.931
50313.1919	0.791	9.649	1.498	0.909
50314.1724	0.021	9.187	1.331	0.818
50314.2476	0.038	9.221	1.363	0.826
50315.1765	0.256	9.505	1.491	0.888
50316.1890	0.493	9.701	1.541	0.877
50317.1862	0.726	9.547	1.451	0.874
50318.1725	0.957	9.477	1.464	0.876
50319.1641	0.190	9.388	1.408	0.855
50320.1799	0.427	9.469	1.497	0.878
50321.1668	0.659	9.684	1.570	0.913
50322.1655	0.892	9.469	1.412	0.863
50323.1626	0.126	9.256	1.371	0.827
50324.1817	0.364	9.596	1.521	0.917
50325.1550	0.592	9.767	1.556	0.939
50326.1446	0.824	9.427	1.403	0.870
50327.1979	0.071	9.434	1.488	1.014
50329.1620	0.531	9.637	1.504	0.910
50330.1637	0.765	9.679	1.547	0.923
50332.1529	0.231	9.335	1.417	0.855
50333.1565	0.466	9.613	1.550	0.913
50334.1748	0.704	9.756	1.584	0.935
50335.1681	0.937	9.251	1.375	0.822
50336.1676	0.171	9.445	1.496	0.905
50337.1617	0.404	9.650	1.547	0.938
50338.2195	0.651	9.568	1.513	0.901
50340.1491	0.103	9.351	1.429	0.867
50341.1568	0.339	9.423	1.469	0.876
50342.1620	0.575	9.652	1.555	0.945
50344.1720	0.045	9.172	1.360	0.766

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50347.1662	0.746	9.538	1.474	0.912
50349.1517	0.211	9.409	1.478	0.874
50357.1373	0.081	9.368	1.428	0.827
		SZ Tau		
50307.4454	0.122	6.550	0.930	0.513
50315.4616	0.668	6.382	0.832	0.477
50316.4476	0.981	6.467	0.875	0.545
50317.4736	0.307	6.668	0.950	0.567
50318.4628	0.621	6.456	0.820	0.547
50319.4899	0.947	6.420	0.836	0.524
50320.4858	0.263	6.679	0.939	0.585
50322.4383	0.883	6.382	0.838	0.537
50323.4951	0.219	6.674	0.950	0.564
50326.4755	0.165	6.652	0.926	0.559
50332.4724	0.070	6.529	0.923	0.640
50335.4771	0.024	6.511	0.871	0.613
50337.4828	0.661	6.414	0.841	0.549
50338.4838	0.979	6.444	0.867	0.508
50341.4688	0.927	6.399	0.851	0.508
50344.4880	0.886	6.367	0.850	0.605
50347.4760	0.834	6.365	0.840	0.591
		EU Tau		
50307.4703	0.655	8.157	0.780	0.414
50315.4631	0.457	8.211	0.799	0.450
50316.4511	0.927	7.906	0.714	0.375
50317.4752	0.414	8.195	0.762	0.464
50318.4644	0.884	7.991	0.668	0.431
50319.4902	0.372	8.178	0.754	0.464
50320.4868	0.846	8.029	0.674	0.452
50322.4396	0.775	8.096	0.723	0.463
50326.4759	0.695	8.220	0.735	0.474
50335.4787	0.977	7.935	0.648	0.469
50337.4830	0.930	7.956	0.677	0.444
50338.4838	0.406	8.192	0.767	0.451
50341.4687	0.826	8.035	0.703	0.416
50344.4851	0.260	8.076	0.751	0.527
50347.4731	0.681	8.207	0.779	0.542
		S Vul		
50305.2181	0.753	8.990	1.831	1.019
50306.2746	0.769	8.952	1.766	1.027
50307.2862	0.783	8.893	1.777	0.998
50310.2672	0.827	8.778	1.701	0.987
50311.1946	0.840	8.763	1.712	0.974
50312.2756	0.856	8.738	1.691	0.975
50313.2687	0.871	8.708	1.690	0.972
50314.1927	0.884	8.715	1.696	0.971
50315.1958	0.899	8.679	1.713	0.948
50316.2079	0.913	8.706	1.697	0.938
50317.2170	0.928	8.707	1.696	0.969

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50318.2265	0.943	8.705	1.704	0.977
50319.2186	0.957	8.675	1.725	0.977
50320.2187	0.972	8.699	1.732	0.973
50321.2076	0.986	8.698	1.722	0.993
50322.2151	0.001	8.715	1.729	1.011
50323.2417	0.016	8.724	1.773	0.991
50324.2118	0.030	8.744	1.777	0.999
50325.2094	0.045	8.749	1.783	1.005
50326.1668	0.059	8.770	1.795	1.009
50327.2469	0.074	8.766	1.830	–
50328.3680	0.091	8.793	1.773	1.025
50329.2801	0.104	–	1.804	1.036
50330.2078	0.117	8.864	1.819	1.037
50332.1799	0.146	8.809	1.889	0.978
50333.1800	0.161	8.818	1.895	1.047
50334.1919	0.175	8.847	1.900	1.035
50335.1940	0.190	8.857	1.924	1.068
50336.1955	0.205	8.863	1.905	1.055
50337.1760	0.219	8.893	1.935	1.053
50338.2573	0.235	8.903	1.930	1.059
50340.1630	0.262	8.935	1.977	1.074
50341.1713	0.277	8.956	1.965	1.071
50342.1814	0.292	8.937	1.972	1.064
50344.2044	0.321	8.984	1.997	1.089
50347.1928	0.365	9.066	2.020	1.079
50349.1707	0.394	9.082	2.033	1.074
50357.1611	0.510	9.243	2.033	1.110
		T Vul		
50305.1589	0.927	5.496	0.503	0.306
50306.1584	0.153	5.573	0.596	0.343
50310.2087	0.066	5.445	0.539	0.305
50311.1491	0.278	5.677	0.709	0.346
50312.1459	0.502	5.919	0.792	0.405
50313.1491	0.729	6.022	0.805	0.409
50314.1345	0.951	5.421	0.508	0.273
50315.1371	0.177	5.604	0.638	0.352
50316.1381	0.403	5.846	0.785	0.397
50317.1670	0.634	6.018	0.776	0.371
50318.1382	0.853	5.773	0.630	0.356
50319.1365	0.079	5.462	0.531	0.320
50320.1370	0.304	5.729	0.678	0.397
50321.1327	0.529	5.962	0.760	0.437
50322.1260	0.753	6.044	0.740	0.444
50323.1283	0.978	5.376	0.476	0.301
50324.1337	0.205	5.627	0.644	0.347
50325.1240	0.428	5.894	0.745	0.417
50326.1211	0.653	6.015	0.787	0.414
		U Vul		
50305.1690	0.481	7.307	1.418	0.840
50306.1614	0.605	7.455	1.467	0.875

Table 1. Continued

JD Hel 2400000+	*Phase*	V	$B-V$	$V-R_c$
50307.1834	0.733	7.474	1.427	0.847
50310.2147	0.113	6.880	1.208	0.734
50311.1541	0.230	6.908	1.263	0.743
50312.1491	0.355	7.119	1.365	0.795
50313.1549	0.481	7.287	1.460	0.828
50314.1394	0.604	7.451	1.474	0.848
50315.1407	0.729	7.460	1.445	0.847
50316.1406	0.854	7.179	1.330	0.773
50317.1701	0.983	6.786	1.122	0.652
50318.1411	0.105	6.872	1.176	0.735
50319.1392	0.230	6.931	1.207	0.769
50320.1404	0.355	7.122	1.330	0.812
50321.1351	0.479	7.312	1.411	0.847
50322.1300	0.604	7.455	1.449	0.877
50323.1306	0.729	7.437	1.405	0.856
50324.1359	0.855	7.180	1.283	0.781
50325.1268	0.979	6.818	1.128	0.705
50326.3371	0.130	6.913	1.209	0.744
50330.3215	0.629	7.439	1.476	0.847
50332.2932	0.876	7.122	1.257	0.723
50333.3046	0.002	6.777	1.150	0.645
50334.3354	0.131	6.925	1.241	0.748
50335.3500	0.258	6.951	1.264	0.763
50337.2909	0.501	7.360	1.462	0.831
50340.3006	0.878	7.113	1.223	0.776
50341.3056	0.004	6.806	1.161	0.732
50342.3213	0.131	6.876	1.259	0.720
50344.3222	0.381	7.187	1.369	–
50349.2809	0.002	6.757	1.145	0.726
		X Vul		
50307.1816	0.130	8.579	1.395	0.793
50310.2109	0.609	9.128	1.622	0.904
50311.1515	0.758	9.135	1.581	0.884
50313.1525	0.075	8.505	1.368	0.761
50314.1366	0.231	8.735	1.444	0.835
50315.1987	0.399	8.880	1.536	0.857
50316.2107	0.559	9.128	1.608	0.892
50317.2195	0.718	9.228	1.603	0.917
50318.2295	0.878	8.806	1.403	0.815
50319.2213	0.035	8.487	1.292	0.770
50320.2221	0.194	8.703	1.436	0.817
50321.2110	0.350	8.855	1.499	0.871
50322.2438	0.514	9.098	1.584	0.912
50323.2440	0.672	9.215	1.640	0.911
50324.2462	0.830	8.997	1.498	0.859
50325.2119	0.983	8.476	1.248	0.752
50326.1682	0.135	8.643	1.377	0.813
		SV Vul		
50305.2190	0.331	7.351	1.657	0.862
50306.2758	0.355	7.392	1.642	0.881

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	$B-V$	$V-R_c$
50307.2869	0.377	7.412	1.679	0.876
50310.2678	0.443	7.494	1.689	0.887
50311.1951	0.464	7.537	1.703	0.885
50312.2762	0.488	7.559	1.689	0.890
50313.2693	0.510	7.588	1.702	0.890
50314.1932	0.530	7.626	1.727	0.883
50315.1963	0.553	7.644	1.737	0.869
50316.2086	0.575	7.705	1.719	0.865
50317.2174	0.598	7.742	1.707	0.894
50318.2272	0.620	7.767	1.704	0.901
50319.2194	0.642	7.747	1.704	0.894
50320.2202	0.664	7.770	1.696	0.879
50321.2088	0.686	7.755	1.666	0.888
50322.2160	0.709	7.723	1.632	0.893
50323.2425	0.731	7.637	1.600	0.846
50324.2128	0.753	7.506	1.519	0.817
50325.2101	0.775	7.310	1.395	0.773
50326.1675	0.796	7.103	1.273	0.725
50327.2503	0.820	6.860	1.171	–
50328.3708	0.845	6.767	1.081	0.663
50329.2822	0.866	–	1.104	0.650
50330.2096	0.886	6.791	1.116	0.657
50332.1824	0.930	6.762	1.198	0.608
50333.1829	0.952	6.790	1.216	0.697
50334.1942	0.975	6.837	1.266	0.697
50335.1952	0.997	6.880	1.299	0.743
50336.1963	0.019	6.907	1.310	0.743
50337.1782	0.041	6.946	1.380	0.750
50338.2555	0.065	6.970	1.410	0.760
50340.1642	0.107	7.033	1.486	0.792
50341.1731	0.130	7.069	1.498	0.806
50342.1822	0.152	7.084	1.512	0.801
50344.2056	0.197	7.163	1.571	0.838
50347.1940	0.263	7.286	1.625	0.842
50349.1728	0.307	7.329	1.644	0.845
50357.1636	0.485	7.563	1.699	0.887
		ET Vul		
50305.4255	0.583	12.013	1.546	0.917
50306.2847	0.599	12.041	1.550	0.971
50307.2576	0.617	12.092	1.570	0.958
50310.2638	0.673	12.086	1.566	0.982
50311.1909	0.690	12.117	1.643	0.986
50312.1923	0.709	12.115	1.644	0.987
50313.2137	0.728	12.149	1.674	0.995
50314.1880	0.746	12.171	1.685	0.998
50315.2091	0.765	12.154	1.710	0.986
50316.2642	0.784	12.188	1.713	0.984
50317.2136	0.802	12.194	1.723	1.007
50318.2037	0.820	12.267	1.733	0.982
50319.1971	0.838	12.217	1.725	0.999

Table 1. Continued

JD Hel 2400000+	*Phase*	*V*	*B − V*	*V − R_c*
50320.2086	0.857	12.244	1.774	0.997
50321.2032	0.876	12.265	1.726	1.025
50322.1890	0.894	12.294	1.740	1.015
50323.1853	0.912	12.312	1.782	1.033
50324.2069	0.931	12.326	1.734	1.019
50325.2047	0.950	12.344	1.768	1.028
50326.1632	0.967	12.399	1.773	1.034
50327.2353	0.987	12.380	1.826	–
50328.3579	0.008	12.416	1.754	1.025
50329.1948	0.024	–	1.748	1.023
50330.1803	0.042	12.499	1.797	1.040
50332.1712	0.079	12.430	1.809	0.996
50333.1716	0.097	12.420	1.792	1.026
50334.1845	0.116	12.427	1.784	1.012
50335.1817	0.134	12.420	1.766	1.023
50336.1880	0.153	12.388	1.728	1.015
50337.1707	0.171	12.369	1.717	0.986
50338.2289	0.191	12.314	1.719	0.980
50340.1573	0.227	12.262	1.647	0.968
50341.1660	0.245	12.201	1.632	0.950
50342.1724	0.264	12.152	1.611	0.937
50344.1988	0.301	12.106	1.590	0.943
50347.1861	0.357	12.044	1.541	0.903
50349.1613	0.393	12.021	1.531	0.915
50357.1483	0.541	12.001	1.608	0.927

Table 2.

Star	*Initial epoch*	*Period*	*Star*	*Initial epoch*	*Period*
U Aql	34922.295	7.024040	TU Cas	48512.09	2.139298
SZ Aql	35528.937	17.13971	UZ Cas	36982.266	4.259459 *
TT Aql	37236.10	13.75551	VV Cas	42836.853	6.207059 *
EV Aql	48899.87	38.6288	VW Cas	42778.693	5.993859 *
FF Aql	36792.539	4.470881	XY Cas	42006.786	4.501697 *
FM Aql	35151.723	6.114334	AP Cas	37244.281	6.8470 *
FN Aql	37439.634	9.481604	AS Cas	48510.14	3.02467
V336 Aql	36255.641	7.304037	AW Cas	26972.474	4.27833 *
V496 Aql	39556.793	6.807105	AY Cas	36999.797	2.871294 *
V916 Aql	36341.31	13.44249	BF Cas	28776.50	3.63029 *
V1162Aql	32023.607	5.376042	BP Cas	36991.353	6.272724 *
V1344Aql	43398.071	7.476855	BV Cas	28771.214	5.39964 *
η Aql	36084.656	7.176641 *	BY Cas	31933.033	3.221494
Y Aur	37203.629	3.859485 *	CD Cas	37023.312	7.80089 *
RX Aur	39075.63	11.623515 *	CF Cas	37022.191	4.87522 *
SY Aur	36843.52	10.14452 *	CH Cas	36912.426	15.08619 *
YZ Aur	37431.141	18.1929 *	CY Cas	40119.466	14.37686 *
AN Aur	36843.309	10.2906 *	CZ Cas	36905.242	5.66438 *
BK Aur	17377.719	8.002431 *	DD Cas	42780.493	9.812027 *
CO Aur	48514.93	1.783027	DF Cas	41719.622	3.832472 *

Table 2. Continued

Star	*Initial epoch*	*Period*		*Star*	*Initial epoch*	*Period*	
CY Aur	43536.86	13.84765	*	DL Cas	42780.334	8.000669	*
ER Aur	43861.30	15.69073	*	FM Cas	42817.713	5.809284	*
EW Aur	28022.730	2.65956	*	FO Cas	27951.7	6.7988	*
GT Aur	26683.350	4.404750	*	NP Cas	29129.568	6.170600	*
GV Aur	33003.79	5.25980	*	NY Cas	38391.802	2.823252	
V335 Aur	42434.280	3.41325	*	V379 Cas	31957.564	4.305722	
RX Cam	42766.583	7.912024	*	V636 Cas	44871.55	8.37636	
TV Cam	37407.35	5.29497	*	AK Cep	37022.531	7.23268	*
AB Cam	37406.586	5.78764	*	CN Cep	33067.4	9.50250	*
AC Cam	44520.664	4.156769	*	CP Cep	33052.33	17.8590	*
RS Cas	42773.487	6.295983	*	CR Cep	42774.236	6.232964	*
RW Cas	35575.227	14.7949	*	DR Cep	30704.82	19.07552	
SU Cas	32603.012	1.949322		IR Cep	41696.582	2.114124	*
SW Cas	42989.590	5.440950	*	IY Cep	33476.258	5.656906	*
SZ Cas	31756.755	13.619887		KO Cep	34240.571	4.55809	*
MU Cep	33541.653	3.767820	*	UX Per	37402.945	4.565815	*
V351 Cep	42676.397	2.80591	*	UY Per	44945.845	5.365106	*
δ Cep	36075.445	5.366341	*	VX Per	43758.994	10.88904	*
X Cyg	43830.387	16.386332	*	VY Per	44912.75	5.531830	*
SU Cyg	43301.778	3.8455473	*	AS Per	41723.934	4.972516	*
SZ Cyg	43306.79	15.10965	*	AW Per	42709.059	6.463589	*
BZ Cyg	43774.037	10.141932	*	BM Per	35784.26	22.9519	*
CD Cyg	43831.167	17.073967	*	CI Per	46298.815	3.297224	
DT Cyg	36624.239	2.499217		DW Per	36906.703	3.649785	*
GH Cyg	42743.743	7.817930	*	HQ Per	44084.47	8.63793	*
KX Cyg	29113.74	20.0467	*	V440 Per	44005.877	7.572712	
V386 Cyg	42777.188	5.257606	*	S Sge	42678.792	8.382086	*
V396 Cyg	48504.13	33.24689		GY Sge	48876.38	51.602	
V438 Cyg	25435.71	11.211058	*	U Sgr	30117.925	6.745226	*
V495 Cyg	28419.278	6.72379	*	W Sgr	43374.77	7.59503	*
V532 Cyg	31413.544	3.283294		X Sgr	40741.70	7.01283	*
V538 Cyg	42772.924	6.118961	*	Y Sgr	40762.38	5.77335	*
V609 Cyg	48507.27	31.07504		WZ Sgr	35506.629	21.849708	*
V924 Cyg	40787.455	5.571157		XX Sgr	35308.449	6.424140	*
V1154Cyg	37706.721	4.925537	*	YZ Sgr	35514.301	9.553606	*
V1334Cyg	44490.453	3.332727		AP Sgr	36045.500	5.057875	*
V1467Cyg	48874.57	48.5248		BB Sgr	36053.535	6.63699	*
V1726Cyg	46270.367	4.237020		V350 Sgr	35317.227	5.15424	*
AA Gem	37397.250	11.30235	*	SS Sct	35315.625	3.671253	*
DX Gem	35231.293	3.136901		EV Sct	41406.711	3.090998	
V Lac	28901.285	4.983458	*	EW Sct	46316.5	5.823337	
X Lac	33155.114	5.444684		V367 Sct	37430.58	6.293090	
Z Lac	42827.123	10.885613	*	BQ Ser	48511.8	4.270814	
RR Lac	42776.686	6.416243	*	SZ Tau	30600.957	3.148946	
T Mon	43784.615	27.024649	*	EU Tau	40376.009	2.102495	
SV Mon	43794.338	15.232780	*	S Vul	44147.253	68.61	
UY Mon	32037.895	2.398177		T Vul	41705.121	4.435462	*
Y Oph	28792.622	17.121128		U Vul	44939.58	7.990676	*
BF Oph	44435.21	4.06775	*	X Vul	35309.977	6.319588	*
SV Per	43839.296	11.129318	*	SV Vul	48894.54	45.0248	
SX Per	41847.979	4.289967	*	ET Vul	44042.81	53.493	*

Note. *The elements are taken from GCVS (Kholopov *et al.*, 1985a,b, 1987).