Table 1. Catalogue of 22 standard stars observed and transformed to the Crawford-Barnes *uvby* and the Crawford-Mander Hβ standard systems. The internal rms errors of one observation are given in columns 8 to 12 in units of 0.001 mag. Columns 13 to 17 give the difference D = standard value minus transformed value, in units of 0.001 mag. N is the number of measures.

Star	V	$(b-y)$	m_1	c_1	β	N	σ					D				
							V	$(b-y)$	m_1	c_1	β	V	$(b-y)$	m_1	c_1	β
HR 63	4.616	0.019	0.192	1.031	2.885	3	009	004	002	013	010	002	007	–012	018	–005
BD +56° 510	9.339	0.281	–0.054	0.149	2.615	11	006	007	009	012	017	–019	–004	004	017	004
HD 14434	8.497	0.191	–0.023	–0.088	2.576	23	006	006	009	012	008	003	–010	006	–006	006
BD +56° 576	9.388	0.292	–0.073	0.153	2.630	2	004	003	001	001	005	–008	–010	009	007	–009
HD 14476	8.753	0.359	–0.103	0.109	2.598	21	010	011	012	011	008	–003	–008	009	–001	002
HD 21092	8.498	0.108	0.199	0.943	2.891	3	005	003	004	004	010	–018	000	004	013	011
HD 21239	7.949	0.063	0.184	0.999	2.911	3	008	004	006	002	012	–001	–002	–001	003	–003
HD 21398	7.372	0.018	0.132	0.837	2.845	4	010	003	007	006	004	–012	003	–006	–006	–017
HR 1140	5.456	0.001	0.101	0.634	2.747	8	008	006	008	017	003	005	004	–004	016	003
HR 1144	5.659	–0.018	0.099	0.633	2.745	8	004	002	005	010	004	006	–003	008	005	005
HR 1672	5.416	0.131	0.252	0.822	2.830	1	–	–	–	–	–	008	005	–001	013	–002
HR 1861	5.326	–0.072	0.067	0.003	2.617	2	001	001	003	001	004	015	–002	006	–001	–002
HR 2886	5.282	0.038	0.135	0.167	2.849	2	016	008	008	018	004	–005	–001	008	011	–
HR 4119	5.070	–0.060	0.109	0.487	2.722	2	006	006	008	006	005	011	–001	004	–008	008
HR 4378	6.662	0.024	0.187	1.063	2.903	3	015	005	007	007	005	–002	000	003	–011	–
HR 4705	6.194	–0.011	0.180	1.029	2.899	2	009	007	006	007	005	006	009	–011	005	–
HR 7858	5.403	0.019	0.210	0.935	2.916	3	018	005	004	039	003	–005	004	–003	048	002
HR 8622	4.906	–0.068	0.049	–0.125	2.597	3	016	008	011	005	003	–017	002	–012	008	–010
BD +61° 2350	9.204	0.602	–0.172	0.150	2.633	5	012	004	009	005	007	006	003	–006	–001	–007
HD 216532	8.020	0.478	–0.143	0.018	2.617	3	014	003	005	014	006	010	001	–001	009	–001
HD 217035	7.758	0.414	–0.117	0.007	2.616	5	012	001	005	014	006	002	002	002	–003	004
HD 217086	7.662	0.530	–0.158	–0.001	2.607	4	008	003	003	011	003	–002	001	000	000	–016

Table 5. Photometric data for Be stars in h and χ Per. Column 1 is the star number as given by Oosterhoff (1937). Column 2 is the HD or BD number. Columns 3 to 7 give the photometric magnitude, colour and indices, and columns 8 to 12 the internal rms error of each value. Column 13 gives the number of individual measurements, and column 14 the reference in which the star has been classified as Be. Probable nonmembers are identified with an asterisk in the Ref. column.

Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
49	+56° 473	9.135	0.317	-0.106	-0.005	2.451	0.032	0.007	0.009	0.006	0.010	2	1
146	13900	9.181	0.199	-0.030	0.090	2.599	0.003	0.015	0.021	0.023	0.005	2	2,*
309	+56° 484	9.431	0.339	-0.095	-0.052	2.451	0.004	0.006	0.013	0.032	0.002	2	3
566	+56° 493	9.675	0.197	-0.018	0.107	2.603	0.007	0.005	0.004	0.008	0.002	2	1,*
717	+56° 502	9.283	0.283	-0.058	0.106	2.580	0.004	0.009	0.015	0.006	0.005	2	4
847	+56° 511	9.119	0.348	-0.095	0.150	2.573	0.007	0.003	0.009	0.016	0.007	3	1
1161	+56° 529	10.201	0.391	-0.090	0.132	2.545	0.020	0.005	0.005	0.027	0.011	3	5
1261	+56° 534	9.593	0.444	-0.102	-0.002	2.394	0.006	0.012	0.064	0.017	0.004	3	3
1268	14162	9.390	0.354	-0.081	0.125	2.600	0.012	0.008	0.022	0.036	0.006	3	6
1282		11.045	0.456	-0.114	0.216	2.533	0.009	0.012	0.022	0.010	0.031	3	7
1702	+56° 548	9.714	0.320	-0.077	0.081	2.503	0.012	0.007	0.011	0.012	0.013	2	8
1926	+56° 559	9.929	0.418	-0.135	-0.043	2.422	0.021	0.002	0.009	0.026	0.003	2	9
1977		12.268	0.355	-0.088	0.285	2.488	-	-	-	-	-	1	6
2088	+56° 563	11.153	0.355	-0.185	0.312	2.592	-	-	-	-	-	1	9
2091		11.770	0.349	-0.096	0.385	2.586	0.083	0.023	0.024	0.038	0.022	2	6
2138	14422	9.290	0.381	-0.107	0.092	2.549	0.022	0.008	0.005	0.000	0.010	2	9
2165	+56° 566	9.999	0.380	-0.133	-0.003	2.477	0.035	0.019	0.029	0.016	0.008	3	9
2242		11.091	0.327	-0.092	0.361	2.546	0.031	0.005	0.006	0.015	0.002	2	5
2262		10.606	0.337	-0.105	0.200	2.634	0.008	0.003	0.010	0.000	0.001	2	9
2284	+56° 573	9.696	0.357	-0.096	-0.017	2.391	0.008	0.010	0.016	0.015	0.021	3	9
2371	+56° 578	9.228	0.304	-0.070	0.121	2.595	0.025	0.006	0.007	0.016	0.008	3	10
2402	+56° 582	9.534	0.487	-0.138	0.104	2.525	0.015	0.006	0.002	0.021	0.006	3	9
2563		10.557	0.372	-0.102	0.007	2.464	0.005	0.003	0.011	0.020	0.003	2	8
2566		10.520	0.387	-0.081	0.153	2.496	-	-	-	-	-	1	11
2649		10.349	0.309	-0.089	0.183	2.540	0.003	0.010	0.009	0.011	0.008	2	6
2759		10.990	0.514	-0.152	0.107	2.485	0.009	0.000	0.005	0.003	0.004	2	7
2771		11.203	0.473	-0.125	0.208	2.553	0.031	0.011	0.004	0.005	0.013	2	7
2804		10.456	0.375	-0.093	0.059	2.543	0.052	0.016	0.023	0.017	0.033	2	12

1.- Wackerling (1970)
2.- Hardorp *et al.*, (1965)
3.- Slettebak (1968)
4.- Fabregat *et al.*, (1994b)
5.- Schild & Romanishin (1976)
6.- González & González (1954)
7.- Slettebak (1985)
8.- Merrill & Burwell (1943)
9.- Merrill & Burwell (1933)
10.- Schild (1965)
11.- Merrill & Burwell (1949)
12.- Sanduleak & Bidelman (1980)

Table 6. Photometric data for Be stars in NGC 663. Columns as in Table 5. Cluster numbers are from Wallenquist (1929).

Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
2		12.299	0.566	-0.145	0.159	2.512						1	1
6		12.100	0.583	-0.214	0.183	2.581						1	2
8		12.205	0.574	-0.166	0.439	2.720						1	1
10		11.946	0.536	-0.145	0.159	2.598						1	1
21		10.624	0.506	-0.143	0.221	2.571	0.014	0.002	0.008	0.007	0.009	2	3
57		13.278	0.548	-0.122	0.626	2.626						1	4
84		13.885	0.579	-0.127	0.470	2.510						1	4
93		12.016	0.541	-0.173	0.233	2.486						1	1
107	+60° 340	10.233	0.473	-0.121	0.302	2.633						1	5
110	+60° 344	10.103	0.469	-0.104	0.288	2.601						1	3
130		12.492	0.596	-0.195	0.347	2.513						1	1
141	+60° 341	10.711	0.511	-0.150	0.148	2.421						1	6
194		11.331	0.600	-0.229	0.118	2.496						1	1
222		11.390	0.568	-0.181	0.030	2.537						1	1
243	+60° 325	9.855	0.430	-0.123	0.305	2.574						1	7

1.- González & González (1954)
2.- Coyne *et al.* (1978)
3.- Schild & Romanishin (1976)
4.- Sanduleak (1990)
5.- Merrill & Burwell (1949)
6.- Dolidze (1975)
7.- Merrill & Burwell (1943)

Table 7. Photometric data for Be stars in Pleiades. Columns as in Table 5. Cluster numbers are from Hertzsprung (1947).

Star	HD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
468	23302	3.727	-0.038	0.094	0.618	2.704						1	1
980	23480	4.174	0.011	0.075	0.549	2.615	0.003	0.001	0.004	0.005	0.001	2	2
1432	23630	2.919	-0.028	0.096	0.626	2.661						1	1
2181	23862	5.042	-0.015	0.082	0.634	2.578	0.010	0.001	0.002	0.000	0.003	2	1

1.- Merrill & Burwell (1933)
2.- Wakerling (1970)

Table 8. Photometric data for Be stars in the α Persei cluster. Columns as in Table 5. Cluster numbers are from Heckmann et al. (1956). Nonmember stars are identified with an asterisk in the Ref. column.

Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	β	N	Ref.
247	20017	7.879	0.264	-0.022	0.646	2.616	0.002	0.001	0.002	0.002	0.004	2	1,*
602	+49° 916	9.594	0.187	-0.015	0.486	2.577						1	2,*
955	21641	6.760	0.007	0.121	0.759	2.759						1	3

1.- Wakerling (1970)
2.- Bidelman (1976)
3.- Merrill & Burwell (1949)

Table 9. Photometric data for Be stars in the Orion OB1 association. Columns as in Table 5. Cluster numbers are from Warren and Hesser (1977).

Star	HD/BD	V	$b-y$	m_1	c_1	β	N	Ref.
20	34959	6.557	-0.023	0.074	0.579	2.605	1	1
36	35407	6.305	-0.053	0.088	0.332	2.679	1	2
38	35439	4.951	-0.074	0.065	0.050	2.527	1	3
42	35502	7.339	0.002	0.109	0.336	2.708	1	1
266	36960	4.766	-0.106	0.068	-0.072	2.599	1	4
296	37041	5.064	0.017	0.017	-0.092	2.577	1	5
421	37490	4.506	-0.006	0.052	0.088	2.519	1	4
466	294304	10.009	0.235	0.021	0.644	2.727	1	6
469	37806	7.901	0.036	0.105	0.778	2.710	1	6
523	39557	9.066	0.327	0.004	0.720	2.681	1	3

1.- Bidelman (1976)　4.- Morgan *et al.* (1955)
2.- Irvine (1975)　5.- Lesh (1968)
3.- Wakerling (1970)　6.- Bartkus (1964)

Table 10. Photometric data for Be stars in NGC 2323. Columns as in Table 5. Cluster numbers are from Cuffey (1941).

Star	HD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
142	–8° 1691	10.380	0.130	0.060	0.874	2.710	0.015	0.007	0.001	0.009	0.009	2	1
157	52922	9.294	0.131	0.056	0.665	2.658	0.001	0.005	0.010	0.007	0.013	2	1

1.- MacConnell (1961)

Table 11. Photometric data for Be stars in NGC 2422. Columns as in Table 5. Cluster numbers are from van Schewick (1966).

Star	HD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
42	60856	7.947	0.001	0.100	0.600	2.686	0.020	0.002	0.006	0.010	0.001	3	1
45	60855	5.628	0.047	0.023	0.049	2.482	0.001	0.002	0.006	0.004	0.002	2	2
125	61224	6.534	0.039	0.068	0.767	2.647	0.023	0.002	0.010	0.018	0.009	3	2

1.- Dworetski (1976)
2.- Wakerling (1970)

Table 12. Photometric data for Be stars in NGC 6611. Columns as in Table 5. Cluster numbers are from Walker (1961).

Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
205	168076	8.215	0.393	-0.077	-0.113	2.597	0.013	0.006	0.009	0.005	0.009	4	1
280	-13° 4928	9.934	0.398	-0.087	-0.026	2.630						1	2
503	-13° 4936	9.626	0.500	-0.157	-0.146	2.518						1	3

1.- Walker (1961)
2.- Hiltner (1956)
3.- Merrill & Burwell (1949)

Table 13. Photometric data for Be stars in NGC 7654. Columns as in Table 5. Cluster numbers are from Lundby (1946).

Star	BD	V	$b-y$	m_1	c_1	β	N	Ref.
778		11.834	0.456	-0.114	0.706	2.588	1	1
782	+60° 2532d	10.568	0.412	-0.034	0.606	2.679	1	2
928		11.739	0.310	0.050	0.746	2.754	1	2
930		11.553	0.409	-0.059	0.581	2.684	1	1
989		11.858	0.430	-0.043	0.523	2.622	1	1

1.- Bond (1973)
2.- Schild & Romanishin (1976)

Table 14. Photometric data for Be stars in the region of the Cepheus OB3 association. Columns as in Table 5. Nonmember stars are identified with an asterisk in the Ref. column. Association numbers are from Blaauw *et al.* (1959)

Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Ref.
6	+61° 2353	9.299	0.402	0.004	0.949	2.816	0.062	0.118	0.106	0.458	0.101	4	1,*
9	+61° 2355	9.617	0.302	-0.012	0.613	2.710	0.004	0.004	0.007	0.030	0.019	3	1,*
40	217061	8.768	0.535	-0.090	0.098	2.639	0.016	0.003	0.010	0.018	0.015	3	2
51	+61° 2380	9.145	0.154	0.077	0.966	2.845	0.013	0.002	0.006	0.051	0.004	3	1,*
64	+61° 2382	9.571	0.236	0.067	1.185	2.846	0.018	0.003	0.009	0.038	0.018	3	1,*
65	+62° 2158	10.108	0.203	0.050	0.934	2.838	0.004	0.011	0.017	0.017	0.010	3	1,*
80	+61° 2396	9.568	0.135	0.121	0.992	2.849	0.007	0.003	0.003	0.012	0.017	2	1,*

1.- Blaauw *et al.* (1959)
2.- Wakerling (1970)

Table 15. Photometric data for B stars not classified as Be, observed in the open clusters and associations.

Cluster	Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Notes
NGC 663	44	+60° 339	8.490	0.543	-0.151	0.343	2.593	0.013	0.004	0.006	0.008	0.006	5	
	86	+60° 331	8.980	0.678	-0.187	0.580	2.612	0.020	0.004	0.005	0.010	0.005	5	
	147	+60° 347	9.538	0.640	-0.153	0.856	2.656						1	
h & χ Per	245	+56° 481	9.891	0.220	-0.058	0.014	2.616	0.009	0.015	0.021	0.023	0.005	2	2
	843	+56° 510	9.339	0.281	-0.054	0.149	2.615	0.006	0.007	0.009	0.012	0.017	11	1
	864	+56° 513	9.968	0.297	-0.052	0.190	2.619	0.009	0.009	0.013	0.039	0.019	3	
	936	+56° 517	10.420	0.289	-0.059	0.175	2.622	0.023	0.013	0.032	0.060	0.012	3	
	978	+56° 518	10.680	0.313	-0.038	0.163	2.631	0.012	0.012	0.017	0.025	0.010	3	
	1004		10.885	0.318	-0.045	0.182	2.644	0.033	0.008	0.022	0.041	0.025	3	
	2139		11.367	0.278	-0.048	0.251	2.632	0.008	0.007	0.000	0.025	0.005	2	
	2172	14434	8.497	0.191	-0.023	-0.088	2.576	0.006	0.006	0.009	0.012	0.008	23	1,2
	2196		11.581	0.310	-0.069	0.237	2.675	0.003	0.006	0.006	0.020	0.040	2	
	2235	+56° 571	9.369	0.316	-0.092	0.143	2.602	0.037	0.023	0.035	0.022	0.011	3	
	2251		11.579	0.305	-0.051	0.360	2.699	0.013	0.021	0.028	0.024	0.004	3	
	2311	+56° 576	9.388	0.292	-0.073	0.153	2.630	0.004	0.003	0.001	0.001	0.005	2	
	2361	14476	8.753	0.359	-0.103	0.109	2.598	0.010	0.011	0.012	0.011	0.008	21	1
	2488	+56° 586	9.938	0.274	-0.062	0.093	2.612	0.035	0.003	0.021	0.016	0.008	3	
α Per	694	21092	8.498	0.108	0.199	0.943	2.891	0.005	0.003	0.004	0.004	0.010	3	1
	756	21239	7.949	0.063	0.184	0.999	2.911	0.008	0.004	0.006	0.002	0.012	3	1
	831	21398	7.372	0.018	0.132	0.837	2.845	0.010	0.003	0.007	0.006	0.004	4	1
Pleiades	447	23288	5.456	0.001	0.101	0.634	2.747	0.008	0.006	0.008	0.017	0.003	8	1
	541	23324	5.659	-0.018	0.099	0.633	2.745	0.004	0.002	0.005	0.010	0.004	8	1
	563	23338	4.300	-0.034	0.095	0.564	2.700						1	
	785	23408	3.888	-0.011	0.092	0.600	2.675						1	
	817	23432	5.775	-0.005	0.124	0.762	2.786						1	
	1823	23753	5.456	-0.014	0.094	0.726	2.733						1	
	2168	23850	3.610	-0.030	0.094	0.693	2.694						1	
Ori OB1	159	36591	5.326	-0.072	0.067	0.003	2.617	0.001	0.001	0.003	0.001	0.004	2	1
	482	37958	6.665	-0.022	0.128	0.915	2.781						1	
	489	38098	6.726	0.003	0.094	0.858	2.691						1	
NGC 2323	1	52980	8.376	0.171	0.037	0.927	2.727	0.026	0.004	0.005	0.002	0.002	2	
	2	−8° 1703	9.446	0.198	0.003	0.692	2.724	0.161	0.039	0.027	0.060	0.021	2	
	3	52965	9.161	0.112	0.047	0.564	2.693	0.060	0.020	0.002	0.003	0.007	2	3
	51	−8° 1708	9.946	0.137	0.050	0.544	2.671	0.012	0.006	0.003	0.018	0.022	2	
NGC 2422	65	60940	8.703	0.027	0.092	0.775	2.809	0.001	0.003	0.007	0.007	0.008	2	
	68	60942	9.212	0.037	0.137	0.854	2.827						1	
	70	-14° 2015	9.432	0.030	0.131	0.904	2.857	0.001	0.006	0.012	0.006	0.001	2	
	71	60969	7.034	-0.002	0.083	0.502	2.687	0.018	0.001	0.003	0.009	0.004	4	
	73	60995	8.643	0.020	0.103	0.787	2.755						1	
	78	60996	8.781	0.016	0.118	0.774	2.804						1	
	79	-14° 2022	7.775	0.008	0.097	0.537	2.726	0.014	0.003	0.003	0.010	0.005	4	
	83	61017	6.682	0.014	0.079	0.644	2.689	0.001	0.000	0.003	0.012	0.001	2	
NGC 7654	735		10.820	0.457	-0.067	0.596	2.685						1	
	852		14.071	0.353	0.112	1.008	2.784						1	
	870		13.523	0.398	0.029	0.926	2.938						1	
	884		12.174	0.372	-0.040	0.531	2.738						1	
	984		13.231	0.480	-0.083	0.887	2.754						1	

Table 15. (Continued)

Cluster	Star	HD/BD	V	$b-y$	m_1	c_1	β	σ_V	σ_{b-y}	σ_{m_1}	σ_{c_1}	σ_β	N	Notes
Cep OB3	2	+61° 2350	9.204	0.602	-0.172	0.150	2.633	0.012	0.004	0.009	0.005	0.007	5	1
	10	216532	8.020	0.478	-0.143	0.018	2.617	0.014	0.003	0.005	0.014	0.006	3	1
	15	216629	9.294	0.582	-0.111	0.160	2.591	0.059	0.011	0.008	0.011	0.010	5	4
	9		10.351	0.329	0.007	0.434	2.685						1	
	4	+61° 2366	9.705	0.592	-0.156	0.131	2.631	0.012	0.008	0.015	0.011	0.030	2	
	39	217035	7.758	0.414	-0.117	0.007	2.616	0.012	0.001	0.005	0.014	0.006	5	1
	41	217086	7.662	0.530	-0.158	-0.001	2.607	0.008	0.003	0.003	0.011	0.003	4	1
	50	+62° 2150	9.764	0.376	-0.040	0.369	2.709	0.005	0.007	0.008	0.024	0.009	2	
	56	+62° 2154	9.300	0.423	-0.077	0.134	2.620	0.009	0.007	0.024	0.014	0.014	2	

1.- Used as standard
2.- Nonmember of the cluster or association
3.- Chemically peculiar star (Ap or Am, Renson 1988)
4.- Variable star IL Cephei. Herbig Ae/Be star.