Catalogue of cataclysmic binaries, low–mass X–ray binaries and related objects (Seventh edition)

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Abstract

The catalogue lists coordinates, apparent magnitudes, orbital parameters, and stellar parameters of the components and other characteristc properties of 472 cataclysmic binaries, 71 low–mass X–ray binaries and 113 related objects with known or suspected orbital periods together with a comprehensive selection of the relevant recent literature. In addition the catalogue contains a list of references to published finding charts for 635 of the 656 objects, and a cross–reference list of alias object designations. Literature published before 1 January 2003 has, as far as possible, been taken into account. All data can be accessed via the dedicated catalogue webpage at `http://www.mpa-garching.mpg.de/RKcat/` and `http://physics.open.ac.uk/RKcat/`. We will update the information given on the catalogue webpage regularly, initially every six months.

Keywords: Catalogs — novae, cataclysmic variables — binaries: close

1 Introduction to the 7th Edition

Five and a half years after the publication of the previous (6th) edition of the *Catalogue of Cataclysmic Binaries, Low–Mass X–Ray Binaries and Related Objects* (Ritter & Kolb 1998, hereafter RK98)), the amount of new literature and the number of new objects to be included have again grown so much that it seems worthwhile to publish an updated edition. The philosophy and the purpose of this catalogue (now in its 7th edition) have been outlined in the preface to the 3rd edition (Ritter 1984, hereafter R84) and will not be repeated here. Rather we briefly recall some of the developments which, over the past five and a half years, have had (and still have) a major impact on this catalogue:

1. The online and living edition of *A Catalog and Atlas of Cataclysmic Variables* by Downes et al. (2001, hereafter referred to as DWSRKD) is now the primary source for accurate coordinates and finding charts for cataclysmic variables. The DWSRKD catalogue supersedes earlier editions by Downes & Shara (1993) and Downes, Webbink & Shara (1997), includes an updated version of *A Reference Catalogue and Atlas of Galactic Novae* by Duerbeck (1987), and is supplemented by orbital period information by the present authors.
2. An increasing number of CVs are found serendipitously from large surveys such as e.g. the Slone Digital Sky Survey (see e.g. Szkody et al. 2002), or from The All Sky Automated Survey at `http://www.astrouw.edu.pl/~gp/asas/asas.html`.
3. As a result of systematic searches for potential double degenerate Type Ia supernova progenitors (see e.g. Napiwotzki et al. 2001; Marsh 2000; Morales-Rueda et al. 2002) the number of detached short-period double white dwarf systems has increased dramatically and is likely to further increase substantially in the future.
4. We acknowledge the continuing contributions of amateur astronomers to the field of cataclysmic variables, in particular to tracking down the superhump periods of SU UMa stars. Results of such amateur activities can e.g. be found on the webpages of the Variable Star Network (VSNET) at `http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/` and of the Center for Backyard Astrophysics (CBA) at `http://cba.phys.columbia.edu/`.
5. Due to the much increased sensitivity and spatial resolution achievable with present–day X–ray satellites such as *Chandra* or *XMM-Newton*, as well as with large ground–based optical telescopes (e.g. the *VLT* or the *Keck* telescopes) the number of cataclysmic variables (CVs) and low–mass X–ray binaries (LMXBs) found in globular clusters and in external galaxies (M31, M51) is also rapidly increasing.
6. Gänsicke & Kube (2002) are in the process of establishing **CVcat**, a data base on CVs that aims at a comprehensive collection of all available data on CVs, and to make them electronically available to the community. Thus its aims go way beyond those of DWSRKD or the present catalogue.

In view of the activities by Gänsicke & Kube (2002) and the fact that with DWSRKD there is already an online CV catalogue one might ask whether publishing yet another one is justified. DWSRKD and this catalogue have existed in parallel in paper form before going electronic, and are complementary as far as CVs are concerned. Our catalogue focusses on data related to the objects' binary nature, while DWSRKD gives data that are useful for observational programmes. In addition, our catalogue includes LMXBs and related objects, for which there is no comparable alternative source (the most recent catalogue for LMXBs is by Liu, van Paradijs & van den Heuvel 2001). The CVcat project by Gänsicke & Kube (2002), on the other hand, is still under development, and it remains to be seen whether this project will render our catalogue superfluous.

Compared with the 6th edition, the number of objects listed has increased by almost 60%. Accordingly the current version of this catalogue provides tabulated data and references for 656 objects (472 cataclysmic binaries, 71 low–mass X–ray binaries and 113 related objects).

No attempt has been made to provide a complete bibliography. Rather, the aim is to give a selection of the most recent and most relevant references that should allow the user to navigate through the literature addressing mainly the binary properties of the objects in question. References that were already included in RK98 are only repeated if they are required for cross–reference (see below). Yet more references can be found in the previous four editions (R84, Ritter 1987, hereafter R87, R90, and RK98) of the catalogue. Accordingly the 7th edition provides:

- the tables for all three object classes (cataclysmic binaries, low–mass X–ray binaries and related objects) in full;
- for each catalogued object a selection of references to the literature, published after 30 June 1997 (the deadline of RK98). Earlier references are only included if they are needed for cross–reference, or in cases where there have been few or no new publications of relevance;
- a list of selected references to published finding charts. Additional references may be found in previous editions;
- the *Who's Who?* file, a cross–reference list of alias names of the objects catalogued.

Thus the catalogue is complete and self–contained in the tables and in giving cross–references to alternative object designations.

Every effort has been made to avoid errors and to keep the lists up to date. Nevertheless, the authors are well aware of the fact that also this edition will contain errors and may be incomplete with regard to the criteria stated in the preface to the 3rd edition (R84). It is certainly incomplete with respect to the references quoted.

All the tabular material contained in this catalogue is published in electronic form only. It is available from the dedicated catalogue webpages at the Max–Planck–Institut für Astrophysik (MPA) `http://www.mpa-garching.mpg.de/RKcat/`, and the Open University (OU) `http://physics.open.ac.uk/RKcat/`.

In addition to the electronic version we provide postscript files for a printable stand alone version at both websites.

For the current version of this catalogue, literature published before 1 January 2003 has, as far as possible, been taken into account. This version is also accessible from the CDS at `http://cdsweb.u-strasbg.fr/Abstract.html`.

For the future it is our intention to provide semi–annual updates of the catalogue on the dedicated catalogue webpages.

2 Description of the catalogue

The objects listed in this catalogue are subdivided into three main object classes, i.e. into **Cataclysmic Binaries**, **Low–Mass X–Ray Binaries** and **Related Objects**. The defining characteristics of the three object classes used here are the following:

Cataclysmic Binaries are semi–detached binaries consisting of a white dwarf primary (or a white dwarf precursor) and a low–mass secondary which is filling its critical Roche lobe. The secondary is not necessarily unevolved. It may even be a highly evolved star as for example in the case of the AM CVn–type stars. A more detailed description of the main characteristics of these objects may be found in Warner (1995) or Hellier (2001).

In addition, we list among the cataclysmic binaries also the supersoft binary X–ray sources, because these too are semi–detached binaries containing a white dwarf, though one in a state of sustained nuclear burning. More information about these objects can be found in Greiner (1996, 2000).

Low–Mass X–Ray Binaries are semi–detached binaries consisting of either a neutron star or a black hole primary, and a low–mass secondary which is filling its critical Roche lobe. Observationally they are distinguished from the luminous, massive X–ray binaries by the following main properties: in general the spectra of the low–mass X-ray binaries (at maximum light) are devoid of normal stellar absorption features. The ratio of their X–ray to optical luminosities is much larger than unity (typically it ranges from $\sim 10^2$ to $\sim 10^4$). A more detailed description of the main characteristics of these objects may be found in the review articles in Lewin, van Paradijs & van den Heuvel (1995).

Related Objects are detached binaries consisting of either a white dwarf or a white dwarf precursor primary and of a low–mass secondary. The secondary may also be a highly evolved star. Further information may be found e.g. in Ritter (1986), Bond (1989), or de Kool & Ritter (1993).

With one possible exception (HD 49798) we do not list among the related objects detached binaries containing a neutron star, or, for the lack of known objects, a black hole. Thus we explicitly exclude binary radio pulsars from our compilation because these are documented elsewhere (e.g. in the Princeton pulsar catalogue (Taylor, Manchester & Lyne 1993)) which is available online at `http://pulsar.princeton.edu/pulsar/catalog.shtml`.

According to the subdivision into these three object classes the catalogue consists of three major parts, hereafter referred to as *catalogue sections*. Each of the three catalogue sections is further subdivided into a *table section*, where a few characterizing parameters of the object are tabulated, and a *reference section*, where a selection of references is given. Within each of the table sections, the objects are listed in order of decreasing orbital period. In the corresponding reference section, however, the objects are listed in lexigraphical order.

Limited information about where the values given in the tables are taken from is provided as follows: at the end of a reference from which a given quantity, say `XYZ`, was taken, this quantity is given in parenthesis, i.e. as `(XYZ)`. The quantities for which this is done are: the periods (`Orb.Per.`, `2. Per.`, `3. Per.`, `4. Per.`), the spectral types (`Spectr1`, `Spectr2`), the mass ratio (`M1/M2`), the orbital inclination (`Incl`), the masses (`M1`, `M2`), and, where appropriate, the radii (`R1`, `R2`) and the eccentricity (`e`).

The catalogue is supplemented by a list giving references to published *finding charts* of the objects. In this separate section, the objects of all three classes are merged and listed in lexigraphical order. The full form of abbreviated references used is given at the end of this section.

Finally, the *Who's Who?* file contains a cross–reference list of alias names of the objects catalogued. In order to keep this list short, the full list of alternative object names appears only once for each object and is to be found under the standard name used in this catalogue. If an object is sought under one of its alternative names, reference to the standard name is given. Wherever possible the variable name given in the 4th edition of the *General Catalogue of Variable Stars* (Kholopov et al. 1985a, 1985b, 1987), or in its online version at `http://www.sai.msu.su/groups/cluster/gcvs/gcvs/`, or in the *Name Lists of Variable Stars* (up to and including the 76th list (Kazarovets, Samus & Durlevich 2001)) is used as the standard name here. This section includes also a list of references to various catalogue acronyms that appear in this compilation. More complete information of this kind may be found in *The First Dictionary of the Nomenclature of Celestial Objects* by Fernandez, Lortet & Spite (1983), its supplements Lortet (1986a, 1989b), and Lortet & Spite (1986), in the *Second Reference Dictionary of the Nomenclature of Celestial Objects* by Lortet, Borde & Ochsenbein (1994), or online via the *Centre de données astronomiques de Strasbourg (CDS)* at `http://vizier.u-strasbg.fr/cgi-bin/Dic`, or from the *Astronomical Data Center (ADC)* at `http://adc.gsfc.nasa.gov/adc/`.

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List of Objects in Lexigraphical Order

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KV And *	02 17 14	49	60	134
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PX And *	00 30 06	37	60	134
QR And *	00 19 50	24	60	134
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UU Aqr *	22 09 06	34	61	134
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AE Aqr *	20 40 09	25	61	134
FF Aqr *	22 00 36	115	124	135
FO Aqr *	22 17 55	30	61	135
HL Aqr *	22 20 27	40	61	135
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LZ Aqr *	21 23 15	103	106	135
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CI Aql *	18 52 04	24	62	135
DH Aql *	19 26 11	47	62	135
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KX Aql *	19 33 54	55	62	135
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V500 Aql *	19 52 28	37	62	135
V603 Aql *	18 48 55	40	62	135
V725 Aql	19 56 45	43	62	136
V794 Aql *	20 17 34	36	62	136
V1101 Aql*	20 13 04	38	62	136
V1141 Aql	19 37 10	54	62	136
V1315 Aql*	19 13 55	39	62	136
V1333 Aql*	19 11 16	101	106	136
V1405 Aql*	19 18 48	105	106	136
V1408 Aql*	19 59 24	102	106	136
V1425 Aql*	19 05 27	28	62	136
V1432 Aql*	19 40 12	39	62	136
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PU CMa *	06 40 48	56	66	140
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AQ CMi *	07 14 35	52	66	140
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V709 Cas	*	00 28 49	29	68	141	V1341 Cyg	*	21 44 41	100	108	144
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V731 Cas	*	23 57 00	23	68	141	V1504 Cyg	*	19 28 57	50	72	144
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* : Alternative designations of this object are listed on page 177 - 238

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CM Phe *	00 21 33	27	84	156
RR Pic *	06 35 36	38	84	156
TW Pic *	05 34 51	27	84	156
UW Pic *	05 31 36	43	84	156
TY Psc *	01 25 39	51	84	156
AO Psc *	22 55 18	36	84	156
AY Psc *	01 36 55	29	84	157
TY PsA *	22 49 40	45	84	157
UY Pup *	07 46 31	25	84	157
VV Pup *	08 15 07	50	84	157
BV Pup *	07 49 05	27	85	157
BX Pup *	07 54 16	41	85	157
CP Pup *	08 11 46	54	85	157
DY Pup *	08 13 48	40	85	157
HZ Pup *	08 03 23	30	85	157
V347 Pup *	06 10 34	29	85	157
V348 Pup *	07 12 33	43	85	157
V351 Pup *	08 11 38	42	85	157
V516 Pup *	08 03 46	43	85	157
T Pyx *	09 04 42	48	85	157
VW Pyx *	08 57 46	119	125	157
VZ Pyx *	08 59 20	49	85	157
WX Pyx *	08 33 06	59	85	157
V Sge *	20 20 15	24	85	158
RZ Sge *	20 03 19	51	86	158
UU Sge *	19 42 10	120	125	158
WY Sge *	19 32 44	36	86	158
WZ Sge *	20 07 36	56	86	158
AW Sge *	19 58 37	50	86	158
QR Sge *	19 11 31	116	125	158
V617 Sgr *	18 07 51	30	86	158
V630 Sgr *	18 08 48	42	86	158
V729 Sgr *	19 16 49	33	86	158
V909 Sgr *	18 25 52	39	86	158
V1017 Sgr *	18 32 05	23	86	158
V1223 Sgr *	18 55 02	39	87	158
V3885 Sgr *	19 47 41	29	87	158
V4077 Sgr *	18 34 39	35	87	158
V4134 Sgr *	17 58 40	103	110	159
V4140 Sgr *	19 58 50	54	87	159
V4580 Sgr *	18 08 28	104	110	159
V4633 Sgr *	18 21 41	41	87	159
V4634 Sgr *	18 29 28	104	110	159
V4641 Sgr *	18 19 22	100	110	159
V4738 Sgr *	20 22 38	57	87	159
U Sco *	16 22 31	23	87	159
MM Sco *	17 30 45	55	87	159
V697 Sco *	17 51 22	31	87	159
V818 Sco *	16 19 55	101	110	159
V893 Sco *	16 15 15	48	87	159
V926 Sco *	17 38 58	103	110	159
V992 Sco *	17 07 17	36	87	159
V1033 Sco *	16 54 00	100	111	159
V1101 Sco *	17 05 44	101	111	159
VY Scl *	23 29 01	29	87	160
VZ Scl *	23 50 09	38	87	160
BW Scl *	23 53 01	57	88	160
X Ser *	16 19 18	23	88	160
UZ Ser *	18 11 25	33	88	160
CT Ser *	15 45 39	31	88	160
LX Ser *	15 38 00	35	88	160
MM Ser *	18 39 57	102	111	160
MR Ser *	15 52 47	46	88	160
MT Ser *	17 29 02	123	126	160
NN Ser *	15 52 56	122	126	160
NY Ser *	15 13 02	43	88	160
QW Ser *	15 26 14	48	88	160
QZ Ser *	15 56 55	45	88	160
RW Sex *	10 19 57	28	88	160
SW Sex *	10 15 09	40	88	160
UZ Sex *	10 28 35	119	126	160
V471 Tau *	03 50 24	120	126	161
V701 Tau *	03 44 02	52	88	161
V1062 Tau *	05 02 28	25	88	161
V1208 Tau *	04 59 44	51	88	161
KK Tel *	20 28 39	45	88	161
QS Tel *	19 38 36	43	88	161
RW Tri *	02 25 36	29	89	161
TW Tri *	01 36 37	30	89	161
UW Tri *	02 45 17	56	89	161
WY Tri *	02 25 01	48	89	161
AI Tri *	02 03 49	31	89	161
EK TrA *	15 14 01	53	89	161
KZ TrA *	16 32 17	105	111	161
LU TrA *	16 01 02	102	111	161
CP Tuc *	23 15 19	54	89	161
SU UMa *	08 12 28	48	89	162
SW UMa *	08 36 43	56	89	162
UX UMa *	13 36 41	31	89	162
AN UMa *	11 04 26	46	90	162
AR UMa *	11 15 45	46	90	162
BC UMa *	11 52 16	53	90	162
BE UMa *	11 57 45	116	126	162
BZ UMa *	08 53 44	51	90	162
CH UMa *	10 07 01	26	90	162
CI UMa *	10 18 13	55	90	162
CY UMa *	10 56 57	51	90	162
DI UMa *	09 12 16	57	90	162
DV UMa *	09 46 37	44	90	162
DW UMa *	10 33 53	40	90	163
EG UMa *	12 15 44	119	126	163
EI UMa *	08 38 22	27	90	163
EK UMa *	10 51 35	46	90	163
ER UMa *	09 47 12	53	91	163
EU UMa *	11 49 56	53	91	163
EV UMa *	13 07 54	57	91	163
FH UMa *	10 47 10	57	91	163
IY UMa *	10 43 57	49	91	163
KS UMa *	10 20 27	51	91	163
KV UMa *	11 18 11	104	111	163
RW UMi *	16 47 55	55	91	163
SS UMi *	15 51 22	51	91	163
CU Vel *	08 58 33	46	91	164
IX Vel *	08 15 19	31	91	164

* : Alternative designations of this object are listed on page 177 - 238

Object		RA (2000) h m s	TS	Page RS	FC
KO Vel	*	10 15 58	25	92	164
KV Vel	*	10 54 41	121	126	164
MM Vel	*	10 13 36	103	112	164
MR Vel	*	09 25 46	23	92	164
V381 Vel	*	10 16 59	43	92	164
V382 Vel	*	10 44 48	37	92	164
TW Vir	*	11 45 21	32	92	164
GK Vir	*	14 15 36	121	127	164
HS Vir	*	13 43 38	47	92	164
HV Vir	*	13 21 03	56	92	164
HW Vir	*	12 44 20	123	127	164
NY Vir	*	13 38 48	123	127	164
OU Vir	*	14 35 00	49	92	165
UY Vol	*	07 48 34	104	112	165
VW Vul	*	20 57 45	33	92	165
PW Vul	*	19 26 05	30	92	165
QQ Vul	*	20 05 42	36	92	165
QU Vul	*	20 26 46	42	93	165
QZ Vul	*	20 02 49	102	112	165
V405 Vul	*	19 53 05	42	93	165
V406 Vul	*	18 58 42	102	112	165
V407 Vul	*	19 14 26	59	93	165
Abell 65	*	19 46 34	118	127	165
AC 211	*	21 29 58	101	112	165
AKO 9	*	00 24 05	23	93	166
BPM 71214	*	03 32 43	122	127	166
CAL 83	*	05 43 34	23	93	166
CAL 86	*	05 46 15	52	93	166
CAL 87	*	05 46 45	25	93	166
CE 315	*	13 12 47	58	93	166
CV 496-083	*		40	93	166
Feige 11	*	01 04 22	120	127	166
Feige 24	*	02 35 08	116	127	166
Feige 36	*	11 04 32	121	127	166
Feige 55	*	12 04 39	117	127	166
G 203-47A	*	17 09 31	115	127	166
GD 552	*	22 50 40	50	93	166
HD 49798	*	06 48 05	117	127	166
HD 171858	*	18 37 57	117	128	166
Hf 2-2	*	18 32 31	120	128	166
HtTr 4	*	16 45 00	117	128	166
HZ 9	*	04 32 23	120	128	166
LD 317	*	23 44 57	36	93	166
Leo 7	*	09 38 37	31	93	166
LMC X-2	*	05 20 29	102	112	167
L870-2	*	01 37 59	117	128	167
M 5-V101	*	15 18 14	28	93	167
M51 X-7	*	13 30 01	104	112	167
NGC 104-CV1	*	00 24 04	28	93	167
NGC 104-CV3	*	00 24 07	35	94	167
NGC 104-X5	*	00 24 01	102	112	167
NGC 104-X7	*	00 24 04	103	112	167
NGC 6121-V46	*	16 23 47	123	128	167
NGC 6397-CV1	*	17 40 41	24	94	167
NGC 6397-CV6	*	17 40 49	28	94	167
NGC 6752-CV1	*	19 10 52	30	94	167
NGC 6752-CV2	*	19 10 52	36	94	167
SP 1	*	15 51 41	116	128	167
SuWt 2	*	13 55 43	116	128	167
Tau 2	*	04 00 37	37	94	168
Ton 245	*	15 40 35	116	128	168
Var 73 Dra	*	20 23 38	43	94	168
0001+2731	*	00 03 56	120	128	168
0025+5402	*	00 28 29	116	128	168
0035-7230	*	00 37 20	33	94	168
0042+3244	*	00 44 49	100	113	168
J0042+4118	*	00 42 08	104	113	168
J0043+4107	*	00 43 14	104	113	168
J0043+4117	*	00 43 20	59	94	168
0133+1124	*	01 36 26	118	128	168
0136+7653	*	01 41 21	117	128	168
J0153+7446	*	01 53 21	34	94	168
J0154-5947	*	01 54 01	57	94	168
J0155+0028	*	01 55 43	55	94	168
0158-0939	*	02 00 52	59	94	168
J0230-6842	*	02 30 51	41	94	168
0416+7007	*	04 21 29	121	128	168
0422-2014	*	04 24 41	37	94	168
J0425-5714	*	04 25 39	55	94	169
J0425-1945	*	04 25 55	55	94	169
J0439-6809	*	04 39 50	39	95	169
0455+8315	*	05 06 48	37	95	169
0511-7955	*	05 07 54	38	95	169
J0513-6951	*	05 13 51	23	95	169
J0524+4244	*	05 24 31	42	95	169
J0527-6954	*	05 27 49	25	95	169
0528-5857	*	05 29 29	37	95	169
J0537-7034	*	05 37 45	37	95	169
0551+7241	*	05 57 24	38	95	169
0556-5935	*	05 57 13	38	95	169
J0558+6753	*	05 58 18	36	95	169
J0625+7334	*	06 25 16	31	95	169
J0649-0737	*	06 49 51	32	95	169
J0704+6203	*	07 04 10	51	96	169
0705+6700	*	07 10 42	123	129	169
J0749-0549	*	07 49 10	36	96	169
J0806+1527	*	08 06 23	59	96	169
0808+1106	*	08 11 13	118	129	170
J0813+4528	*	08 13 22	27	96	170
J0820+4934	*	08 20 51	50	96	170
0839+3955	*	08 43 13	116	129	170
0849+3155	*	08 52 55	119	129	170
0850+1700	*	08 53 24	115	129	170
0907+1220	*	09 10 25	115	129	170
0918+0258	*	09 21 28	118	129	170
0922+1333	*	09 24 56	33	96	170
0928+5004	*	09 32 15	25	96	170
J0929-3123	*	09 29 20	105	113	170
0934+1838	*	09 37 16	116	129	170
0940+0649	*	09 42 55	115	129	170
J0944+0358	*	09 44 32	37	96	170
J0953+1458	*	09 53 08	50	96	170
0957-6639	*	09 58 55	123	129	170
1000+6643	*	10 04 35	38	96	170

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Object	RA (2000)		Page	
	h m s	TS	RS	FC
J1002-1925 *	10 02 12	49	96	170
J1007-2017 *	10 07 35	37	96	170
J1016-0520 *	10 16 29	119	129	170
1017-0838 *	10 20 14	123	129	170
1022+0501 *	10 25 00	118	129	170
1032+4036 *	10 35 17	115	130	170
J1039-0506 *	10 39 47	52	96	171
1042-6902 *	10 44 11	121	130	171
1043+7600 *	10 47 05	122	130	171
1045+5234 *	10 48 18	27	96	171
1047-0436 *	10 50 27	118	130	171
J1050-1404 *	10 50 11	54	97	171
1101+3626 *	11 04 33	122	130	171
1110+2924 *	11 13 05	115	130	171
1114+1842 *	11 17 04	117	130	171
1115+1637 *	11 17 55	115	130	171
1116+3008 *	11 19 05	118	130	171
J1125-0016 *	11 25 56	53	97	171
J1131+4322*	11 31 22	53	97	171
1136+6646 *	11 39 06	118	130	171
J1155-5641 *	11 55 27	54	97	171
1204+4505 *	12 06 48	117	130	171
1230+0514 *	12 33 13	118	130	171
1241-0102 *	12 44 29	116	130	171
1244+1119 *	12 47 07	116	130	171
1247+5522 *	12 50 04	119	131	171
1248+1626 *	12 50 50	119	131	171
J1300-3052 *	13 00 29	44	97	171
1300+2756 *	13 02 42	117	131	171
J1313-3259 *	13 13 17	33	97	171
1317+4520 *	13 19 14	116	131	172
1323-6152 *	13 26 36	104	113	172
J1324-6200 *	13 24 23	101	113	172
J1324+0320*	13 24 12	42	97	172
1329+1556 *	13 31 54	122	131	172
1347-1258 *	13 49 52	122	131	172
1349+1424 *	13 51 54	117	131	172
1414-0848 *	14 16 52	120	131	172
J1422-0221 *	14 22 56	39	97	172
J1424-0227 *	14 24 39	35	97	172
1428+3723 *	14 30 43	118	131	172
1432+1553 *	14 35 19	122	131	172
1512+2421 *	15 14 33	118	131	172
1519+6402 *	15 20 31	120	131	172
1528+1025 *	15 31 10	121	131	172
J1548-4528 *	15 48 15	25	97	172
J1553+5516*	15 53 31	32	97	172
J1554+2721*	15 54 12	43	97	172
J1610+0352*	16 10 07	40	97	172
1613-5055 *	16 17 36	103	113	172
1619+5213 *	16 20 39	115	131	172
1624-4904 *	16 28 02	101	113	172
1627+0144 *	16 29 35	119	131	172
J1643+3402 *	16 43 46	41	97	172
J1650-4957 *	16 50 01	103	113	172
1704+4807BC*	17 05 31	122	131	172
1705-4402 *	17 08 55	104	113	172
J1710-2807 *	17 10 12	104	113	173
1713+3316 *	17 15 35	118	132	173
1716+4237 *	17 18 04	117	132	173
1725+2510 *	17 27 57	119	132	173
J1730+6247 *	17 30 08	47	97	173
1735+2210 *	17 37 14	117	132	173
1740-2943 *	17 43 55	100	113	173
1743+4742 *	17 44 26	120	132	173
J1744-2844 *	17 44 33	100	113	173
J1745-2901 *	17 45 36	102	113	173
1746-3702 *	17 50 13	103	113	173
1747-3115 *	17 50 47	102	114	173
J1751-3037 *	17 51 14	105	114	173
1758-2544 *	18 01 12	100	114	173
1811-1710 *	18 14 31	100	114	173
1813-1403 *	18 16 01	101	114	173
1820-3023 *	18 23 40	105	114	173
1824+0402 *	18 27 14	115	132	173
J1832-0840 *	18 32 19	58	98	174
1832-3301 *	18 35 44	105	114	174
J1846+5538 *	18 46 59	44	98	174
1850-0846 *	18 53 05	105	114	174
J1910+2856 *	19 10 59	38	98	174
J1928-5001 *	19 28 28	50	98	174
1933+5100 *	19 34 36	40	98	174
1946+4340 *	19 47 43	120	132	174
J1951+3716 *	19 51 48	24	98	174
J1958+3232 *	19 58 15	32	98	174
2009+6216 *	20 10 43	119	132	174
J2013+4002 *	20 13 09	119	132	174
2032+1849 *	20 35 14	116	132	174
2040+3954 *	20 42 34	117	132	174
J2130+4710 *	21 30 18	120	132	174
2154+4048 *	21 56 18	121	132	174
J2157+0855 *	21 57 32	39	98	174
2209-1444 *	22 12 18	121	132	174
J2303+0106 *	23 03 52	51	98	175
J2315-3048 *	23 15 32	56	98	175
J2316-0527 *	23 16 04	37	98	175
J2329+0628 *	23 29 54	58	98	175
2331+2902 *	23 34 21	122	132	175
J2337+4308 *	23 37 59	34	99	175
2345+3148 *	23 48 08	122	133	175

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List of Objects in Order of Right Ascension

Object		RA (2000) h m s	Page TS	Page RS	Page FC
CV 496-083	*		40	93	166
BE Oct	*	00 00 49	48	80	152
0001+2731	*	00 03 56	120	128	168
V402 And	*	00 11 07	54	61	134
WW Cet	*	00 11 25	32	69	142
QR And	*	00 19 50	24	60	134
V592 Cas	*	00 20 52	42	67	140
CM Phe	*	00 21 33	27	84	156
NGC 104-X5	*	00 24 01	102	112	167
NGC 104-CV1	*	00 24 04	28	93	167
NGC 104-X7	*	00 24 04	103	112	167
AKO 9	*	00 24 05	23	93	166
NGC 104-CV3	*	00 24 07	35	94	167
0025+5402	*	00 28 29	116	128	168
V709 Cas	*	00 28 49	29	68	141
PX And	*	00 30 06	37	60	134
0035-7230	*	00 37 20	33	94	168
HV And	*	00 40 55	57	60	134
LL And		00 41 52	57	60	134
J0042+4118	*	00 42 08	104	113	168
J0043+4107	*	00 43 14	104	113	168
J0043+4117	*	00 43 20	59	94	168
0042+3244	*	00 44 49	100	113	168
GX Cas	*	00 49 02	44	67	140
Feige 11	*	01 04 22	120	127	166
RX And	*	01 04 36	30	60	134
V723 Cas	*	01 05 05	24	68	141
HT Cas	*	01 10 13	49	67	140
FO And	*	01 15 32	50	60	134
WX Cet	*	01 17 04	56	69	142
TY Psc	*	01 25 39	51	84	156
EQ Cet	*	01 28 52	53	69	142
CV Hyi	*	01 32 42	58	78	149
0133+1124	*	01 36 26	118	128	168
TW Tri	*	01 36 37	30	89	161
AY Psc	*	01 36 55	29	84	157
KT Per	*	01 37 09	34	83	155
L870-2	*	01 37 59	117	128	167
BL Hyi	*	01 41 00	46	78	149
0136+7653	*	01 41 21	117	128	168
AR And	*	01 45 03	34	60	134
J0153+7446	*	01 53 21	34	94	168
J0154-5947	*	01 54 01	57	94	168
J0155+0028	*	01 55 43	55	94	168
0158-0939	*	02 00 52	59	94	168
V Per	*	02 01 54	43	83	155
AI Tri	*	02 03 49	31	89	161
BO Cet	*	02 06 39	39	69	142
TT Ari	*	02 06 53	40	63	137
WX Hyi	*	02 09 51	48	77	149
UV Per	*	02 10 08	52	83	155
TZ Per	*	02 13 51	28	83	155
KV And	*	02 17 14	49	60	134
WY Tri	*	02 25 01	48	89	161
RW Tri	*	02 25 36	29	89	161
AM Cas	*	02 26 23	34	67	140
J0230-6842	*	02 30 51	41	94	168
Feige 24	*	02 35 08	116	127	166
WW Hor	*	02 36 12	46	77	149
PU Per	*	02 42 16	50	84	155
PV Per	*	02 42 54	47	84	156
UW Tri	*	02 45 17	56	89	161
WX Ari	*	02 47 36	39	63	137
PY Per	*	02 50 00	36	84	156
XY Ari	*	02 56 08	28	63	137
V664 Cas	*	03 03 47	119	124	140
CP Eri	*	03 10 33	58	74	146
CC Cet	*	03 10 55	121	124	142
EF Eri	*	03 14 13	56	74	146
QY Per	*	03 15 37	48	84	156
FT Cam	*	03 21 14	48	65	138
GK Per	*	03 31 12	23	83	155
VY For	*	03 32 05	35	74	147
AF Cam	*	03 32 16	26	64	138
BPM 71214	*	03 32 43	122	127	166
UZ For	*	03 35 29	44	74	146
V701 Tau	*	03 44 02	52	88	161
V471 Tau	*	03 50 24	120	126	161
Tau 2	*	04 00 37	37	94	168
VW Hyi	*	04 09 11	49	77	149
XZ Eri	*	04 11 26	54	73	146
RR Cae	*	04 21 06	121	124	138
0416+7007	*	04 21 29	121	128	168
V518 Per	*	04 21 43	103	109	156
AH Eri	*	04 22 38	28	73	146
0422-2014	*	04 24 41	37	94	168
J0425-5714	*	04 25 39	55	94	169
J0425-1945	*	04 25 55	55	94	169
IQ Cam	*	04 26 07	123	124	138
HZ 9	*	04 32 23	120	128	166
J0439-6809	*	04 39 50	39	95	169
TU Men	*	04 41 41	42	80	151
FY Per	*	04 41 57	28	83	155
HV Aur	*	04 53 17	45	64	137
RS Cae	*	04 53 26	50	64	138
V1208 Tau	*	04 59 44	51	88	161
HY Eri	*	05 01 46	42	74	146
V1062 Tau	*	05 02 28	25	88	161
AQ Eri	*	05 06 13	54	73	146
0455+8315	*	05 06 48	37	95	169

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Object		RA (2000)		Page	
		h m s	TS	RS	FC
0918+0258	*	09 21 28	118	129	170
AR Cnc	*	09 22 08	29	65	139
V395 Car	*	09 22 35	100	107	140
0922+1333	*	09 24 56	33	96	170
MR Vel	*	09 25 46	23	92	164
MN Hya	*	09 29 07	38	77	149
J0929-3123	*	09 29 20	105	113	170
0928+5004	*	09 32 15	25	96	170
0934+1838	*	09 37 16	116	129	170
Leo 7	*	09 38 37	31	93	166
0940+0649	*	09 42 55	115	129	170
J0944+0358	*	09 44 32	37	96	170
DV UMa	*	09 46 37	44	90	162
ER UMa	*	09 47 12	53	91	163
X Leo	*	09 51 02	34	78	150
RZ LMi	*	09 51 49	56	79	150
J0953+1458	*	09 53 08	50	96	170
0957-6639	*	09 58 55	123	129	170
RU LMi	*	10 02 08	28	79	150
J1002-1925	*	10 02 12	49	96	170
1000+6643	*	10 04 35	38	96	170
OY Car	*	10 06 22	53	67	140
CH UMa	*	10 07 01	26	90	162
J1007-2017	*	10 07 35	37	96	170
MM Vel	*	10 13 36	103	112	164
SW Sex	*	10 15 09	40	88	160
GG Leo	*	10 15 35	57	78	150
CP Dra		10 15 40	45	72	145
KO Vel	*	10 15 58	25	92	164
J1016-0520	*	10 16 29	119	129	170
V381 Vel	*	10 16 59	43	92	164
CI UMa	*	10 18 13	55	90	162
RW Sex	*	10 19 57	28	88	160
1017-0838	*	10 20 14	123	129	170
KS UMa	*	10 20 27	51	91	163
U Leo	*	10 24 04	27	78	150
1022+0501	*	10 25 00	118	129	170
WX LMi	*	10 26 27	42	79	150
UZ Sex	*	10 28 35	119	126	160
DW UMa	*	10 33 53	40	90	163
1032+4036	*	10 35 17	115	130	170
RX Cha	*	10 36 26	45	69	142
J1039-0506	*	10 39 47	52	96	171
DO Leo	*	10 40 51	29	78	150
IY UMa	*	10 43 57	49	91	163
1042-6902	*	10 44 11	121	130	171
V382 Vel	*	10 44 48	37	92	164
1043+7600	*	10 47 05	122	130	171
FH UMa	*	10 47 10	57	91	163
1045+5234	*	10 48 18	27	96	171
J1050-1404	*	10 50 11	54	97	171
1047-0436	*	10 50 27	118	130	171
EK UMa	*	10 51 35	46	90	163
SX LMi	*	10 54 30	52	79	150
KV Vel	*	10 54 41	121	126	164
CY UMa	*	10 56 57	51	90	162
TU Crt	*	11 03 37	45	70	143
AN UMa	*	11 04 26	46	90	162
Feige 36	*	11 04 32	121	127	166
1101+3626	*	11 04 33	122	130	171
ST LMi	*	11 05 40	46	79	150
QU Car	*	11 05 43	24	67	140
RS Car	*	11 08 06	46	67	140
1110+2924	*	11 13 05	115	130	171
V436 Cen	*	11 14 00	53	68	141
AR UMa	*	11 15 45	46	90	162
1114+1842	*	11 17 04	117	130	171
DP Leo	*	11 17 16	54	78	150
1115+1637	*	11 17 55	115	130	171
KV UMa	*	11 18 11	104	111	163
1116+3008	*	11 19 05	118	130	171
V442 Cen	*	11 24 52	24	68	141
J1125-0016	*	11 25 56	53	97	171
GU Mus	*	11 26 27	102	108	152
J1131+4322	*	11 31 22	53	97	171
TT Crt	*	11 34 47	27	70	143
RZ Leo	*	11 37 22	48	78	150
T Leo	*	11 38 27	55	78	150
1136+6646	*	11 39 06	118	130	171
V1033 Cen	*	11 41 23	41	69	142
DO Dra	*	11 43 38	33	73	146
TW Vir	*	11 45 21	32	92	164
EU UMa	*	11 49 56	53	91	163
GQ Mus	*	11 52 03	55	80	152
BC UMa	*	11 52 16	53	90	162
J1155-5641	*	11 55 27	54	97	171
LZ Mus	*	11 56 09	33	80	152
BE UMa	*	11 57 45	116	126	162
V359 Cen	*	11 58 15	47	68	141
TW Crv	*	12 00 06	121	125	143
Feige 55	*	12 04 39	117	127	166
1204+4505	*	12 06 48	117	130	171
CP Cru	*	12 10 31	24	71	143
MU Cen	*	12 12 54	26	68	141
UX CVn	*	12 14 48	119	124	139
EG UMa	*	12 15 44	119	126	163
TV Crv	*	12 20 24	53	70	143
LM Com	*	12 26 31	122	124	143
CQ Dra bc	*	12 30 07	33	73	145
AP Cru	*	12 31 21	30	71	143
AL Com	*	12 32 26	56	70	142
1230+0514	*	12 33 13	118	130	171
AM CVn	*	12 34 55	58	66	139
V1025 Cen	*	12 38 17	56	69	141
IR Com	*	12 39 32	44	70	143
HW Vir	*	12 44 20	123	127	164
1241-0102	*	12 44 29	116	130	171
1244+1119	*	12 47 07	116	130	171
1247+5522	*	12 50 04	119	131	171
1248+1626	*	12 50 50	119	131	171
EX Hya	*	12 52 24	51	77	149
GO Com	*	12 56 37	52	70	143
V485 Cen	*	12 57 23	58	68	141
GR Mus	*	12 57 37	104	108	152

* : Alternative designations of this object are listed on page 177 - 238

Object		RA (2000)		Page	
		h m s	TS	RS	FC
J1300-3052	*	13 00 29	44	97	171
1300+2756	*	13 02 42	117	131	171
GP Com	*	13 05 43	58	70	143
EV UMa	*	13 07 54	57	91	163
CE 315	*	13 12 47	58	93	166
WX Cen	*	13 12 52	25	68	141
J1313-3259	*	13 13 17	33	97	171
1317+4520	*	13 19 14	116	131	172
HV Vir	*	13 21 03	56	92	164
V803 Cen	*	13 23 45	58	68	141
J1324+0320	*	13 24 12	42	97	172
J1324-6200	*	13 24 23	101	113	172
RR Cha	*	13 26 24	39	69	142
1323-6152	*	13 26 36	104	113	172
DE CVn	*	13 26 54	121	124	139
M51 X-7	*	13 30 01	104	112	167
BV Cen	*	13 31 20	24	68	141
LY Hya	*	13 31 54	48	77	149
1329+1556	*	13 31 54	122	131	172
UX UMa	*	13 36 41	31	89	162
NY Vir	*	13 38 48	123	127	164
HS Vir	*	13 43 38	47	92	164
CR Boo	*	13 48 55	58	64	138
1347-1258	*	13 49 52	122	131	172
1349+1424	*	13 51 54	117	131	172
SuWt 2	*	13 55 43	116	128	167
BW Cir	*	13 58 10	101	107	142
V834 Cen	*	14 09 08	50	68	141
GK Vir	*	14 15 36	121	127	164
1414-0848	*	14 16 52	120	131	172
J1422-0221	*	14 22 56	39	97	172
DD Cir	*	14 23 23	43	70	142
J1424-0227	*	14 24 39	35	97	172
V895 Cen	*	14 29 27	31	69	141
1428+3723	*	14 30 43	118	131	172
OU Vir	*	14 35 00	49	92	165
1432+1553	*	14 35 19	122	131	172
UZ Boo	*	14 44 01	41	64	138
BY Cir	*	14 44 54	27	70	142
KV Dra	*	14 50 38	56	73	146
BZ Cir	*	14 54 15	47	70	142
TT Boo	*	14 57 45	47	64	137
V822 Cen	*	14 58 22	101	107	141
NY Ser	*	15 13 02	43	88	160
EK TrA	*	15 14 01	53	89	161
1512+2421	*	15 14 33	118	131	172
M 5-V101	*	15 18 14	28	93	167
GW Lib	*	15 19 56	58	79	150
1519+6402	*	15 20 31	120	131	172
ES Dra	*	15 25 32	32	73	146
QW Ser	*	15 26 14	48	88	160
1528+1025	*	15 31 10	121	131	172
DM Dra	*	15 34 12	44	73	146
HP Lib	*	15 35 53	58	79	151
BR Lup	*	15 35 53	46	79	151
LX Ser	*	15 38 00	35	88	160
Ton 245	*	15 40 35	116	128	168
CT Ser	*	15 45 39	31	88	160
IL Lup	*	15 47 08	101	108	151
J1548-4528	*	15 48 15	25	97	172
AB Nor	*	15 49 15	46	80	152
V381 Nor	*	15 50 59	101	109	152
SS UMi	*	15 51 22	51	91	163
SP 1	*	15 51 41	116	128	167
MR Ser	*	15 52 47	46	88	160
NN Ser	*	15 52 56	122	126	160
J1553+5516	*	15 53 31	32	97	172
J1554+2721	*	15 54 12	43	97	172
QZ Ser	*	15 56 55	45	88	160
VW CrB	*	16 00 04	49	70	143
LU TrA	*	16 01 02	102	111	161
UW CrB	*	16 05 46	104	108	143
J1610+0352	*	16 10 07	40	97	172
QX Nor	*	16 12 43	102	109	152
V893 Sco	*	16 15 15	48	87	159
1613-5055	*	16 17 36	103	113	172
X Ser	*	16 19 18	23	88	160
V818 Sco	*	16 19 55	101	110	159
1619+5213	*	16 20 39	115	131	172
V589 Her	*	16 22 07	43	76	148
U Sco	*	16 22 31	23	87	159
NGC 6121-V46	*	16 23 47	123	128	167
V844 Her	*	16 25 02	57	76	149
1624-4904	*	16 28 02	101	113	172
1627+0144	*	16 29 35	119	131	172
V592 Her	*	16 30 57	57	76	148
KZ TrA	*	16 32 17	105	111	161
V849 Her	*	16 35 46	39	76	149
V544 Her	*	16 38 05	50	76	148
OY Ara	*	16 40 50	35	63	136
V801 Ara	*	16 40 55	104	107	137
J1643+3402	*	16 43 46	41	97	172
AH Her	*	16 44 10	28	75	147
HtTr 4	*	16 45 00	117	128	166
RW UMi	*	16 47 55	55	91	163
J1650-4957	*	16 50 01	103	113	172
V1033 Sco	*	16 54 00	100	111	159
V841 Oph	*	16 59 30	24	81	153
V2134 Oph	*	17 02 06	103	109	153
V821 Ara	*	17 02 49	101	107	137
1704+4807BC	*	17 05 31	122	131	172
V1101 Sco	*	17 05 44	101	111	159
V992 Sco	*	17 07 17	36	87	159
V2107 Oph	*	17 08 14	102	109	153
V2051 Oph	*	17 08 19	54	81	153
1705-4402	*	17 08 55	104	113	172
G 203-47A	*	17 09 31	115	127	166
J1710-2807	*	17 10 12	104	113	173
V2214 Oph	*	17 12 02	42	81	153
V2400 Oph	*	17 12 36	38	81	153
V795 Her	*	17 12 56	42	76	148
1713+3316	*	17 15 35	118	132	173
V877 Ara	*	17 16 54	45	63	137
1716+4237	*	17 18 04	117	132	173

* : Alternative designations of this object are listed on page 177 - 238

Object		RA (2000)		Page	
		h m s	TS	RS	FC
V825 Her	*	17 18 37	30	76	148
V2293 Oph	*	17 19 37	101	109	153
V478 Her	*	17 21 06	41	76	148
V1007 Her	*	17 24 06	45	77	149
1725+2510	*	17 27 57	119	132	173
MT Ser	*	17 29 02	123	126	160
J1730+6247	*	17 30 08	47	97	173
AT Ara	*	17 30 34	25	63	136
MM Sco	*	17 30 45	55	87	159
V2216 Oph	*	17 31 44	103	109	153
V442 Oph	*	17 32 15	41	81	153
1735+2210	*	17 37 14	117	132	173
BF Ara	*	17 38 21	45	63	136
V926 Sco	*	17 38 58	103	110	159
NGC 6397-CV1*		17 40 41	24	94	167
NGC 6397-CV6*		17 40 49	28	94	167
V660 Her	*	17 42 09	47	76	148
1740-2943	*	17 43 55	100	113	173
1743+4742	*	17 44 26	120	132	173
J1744-2844	*	17 44 33	100	113	173
J1745-2901	*	17 45 36	102	113	173
1746-3702	*	17 50 13	103	113	173
V380 Oph	*	17 50 14	35	81	152
1747-3115	*	17 50 47	102	114	173
J1751-3037	*	17 51 14	105	114	173
V697 Sco	*	17 51 22	31	87	159
V4134 Sgr	*	17 58 40	103	110	159
V394 CrA	*	18 00 26	23	70	143
V2301 Oph	*	18 00 36	46	81	153
1758-2544	*	18 01 12	100	114	173
V884 Her	*	18 02 07	46	76	149
EX Dra	*	18 04 14	30	73	146
DQ Her	*	18 07 30	31	75	148
V617 Sgr	*	18 07 51	30	86	158
V426 Oph	*	18 07 52	27	81	152
V4580 Sgr	*	18 08 28	104	110	159
V630 Sgr	*	18 08 48	42	86	158
UZ Ser	*	18 11 25	33	88	160
IX Dra	*	18 12 31	52	73	146
V849 Oph	*	18 14 07	33	81	153
V533 Her	*	18 14 21	37	76	148
1811-1710	*	18 14 31	100	114	173
1813-1403	*	18 16 01	101	114	173
AM Her	*	18 16 13	41	75	148
V4641 Sgr	*	18 19 22	100	110	159
V4633 Sgr	*	18 21 41	41	87	159
1820-3023	*	18 23 40	105	114	173
V691 CrA	*	18 25 47	103	107	143
V909 Sgr	*	18 25 52	39	86	158
1824+0402	*	18 27 14	115	132	173
V4634 Sgr	*	18 29 28	104	110	159
V477 Lyr	*	18 31 18	120	125	151
V1017 Sgr	*	18 32 05	23	86	158
J1832-0840	*	18 32 19	58	98	174
Hf 2-2	*	18 32 31	120	128	166
V4077 Sgr	*	18 34 39	35	87	158
LL Lyr	*	18 35 13	28	80	151
1832-3301	*	18 35 44	105	114	174
HD 171858	*	18 37 57	117	128	166
MM Ser	*	18 39 57	102	111	160
BD Pav	*	18 43 12	32	82	154
AY Lyr	*	18 44 27	49	79	151
V344 Lyr	*	18 44 39	44	80	151
V347 Pav	*	18 44 48	53	82	154
V838 Her	*	18 46 32	26	76	148
J1846+5538	*	18 46 59	44	98	174
V603 Aql	*	18 48 55	40	62	135
CI Aql	*	18 52 04	24	62	135
CY Lyr	*	18 52 41	35	80	151
1850-0846	*	18 53 05	105	114	174
V1223 Sgr	*	18 55 02	39	87	158
V446 Her	*	18 57 22	30	75	148
V406 Vul	*	18 58 42	102	112	165
DM Lyr	*	18 58 44	52	80	151
V1425 Aql	*	19 05 27	28	62	136
EP Dra	*	19 07 06	49	73	146
MV Lyr	*	19 07 16	40	80	151
CG Dra	*	19 07 33	31	72	145
V1493 Aql	*	19 07 37	35	63	136
V419 Lyr	*	19 10 14	43	80	151
NGC 6752-CV1*		19 10 52	30	94	167
NGC 6752-CV2*		19 10 52	36	94	167
J1910+2856	*	19 10 59	38	98	174
V1333 Aql	*	19 11 16	101	106	136
QR Sge	*	19 11 31	116	125	158
V1315 Aql	*	19 13 55	39	62	136
V407 Vul	*	19 14 26	59	93	165
V1487 Aql	*	19 15 11	100	106	136
V729 Sgr	*	19 16 49	33	86	158
V1405 Aql	*	19 18 48	105	106	136
V1113 Cyg	*	19 22 42	47	71	144
V1494 Aql	*	19 23 05	40	63	136
KL Dra	*	19 24 38	58	73	146
PW Vul	*	19 26 05	30	92	165
DH Aql	*	19 26 11	47	62	135
V368 Aql	*	19 26 34	26	62	135
V2176 Cyg	*	19 27 12	57	72	145
J1928-5001	*	19 28 28	50	98	174
V1504 Cyg	*	19 28 57	50	72	144
DO Aql	*	19 31 26	33	62	135
V2214 Cyg	*	19 32 15	123	125	145
WY Sge	*	19 32 44	36	86	158
KX Aql	*	19 33 54	55	62	135
1933+5100	*	19 34 36	40	98	174
V345 Pav	*	19 35 43	31	82	154
V1141 Aql		19 37 10	54	62	136
QS Tel	*	19 38 36	43	88	161
EM Cyg	*	19 38 40	27	71	143
V1432 Aql	*	19 40 12	39	62	136
UU Sge	*	19 42 10	120	125	158
Abell 65	*	19 46 34	118	127	165
V3885 Sgr	*	19 47 41	29	87	158
1946+4340	*	19 47 43	120	132	174
AB Dra	*	19 49 07	36	72	145

* : Alternative designations of this object are listed on page 177 - 238

Object	RA (2000)		Page	
	h m s	TS	RS	FC
J1951+3716*	19 51 48	24	98	174
V500 Aql *	19 52 28	37	62	135
V405 Vul *	19 53 05	42	93	165
EY Cyg *	19 54 37	24	71	144
V725 Aql	19 56 45	43	62	136
V393 Pav *	19 57 12	51	82	154
UU Aql *	19 57 19	34	62	135
J1958+3232*	19 58 15	32	98	174
AW Sge *	19 58 37	50	86	158
V4140 Sgr *	19 58 50	54	87	159
V1408 Aql *	19 59 24	102	106	136
V1028 Cyg *	20 00 57	55	71	144
QZ Vul *	20 02 49	102	112	165
RZ Sge *	20 03 19	51	86	158
V1513 Cyg *	20 05 03	120	125	144
V550 Cyg *	20 05 05	52	71	144
QQ Vul *	20 05 42	36	92	165
V2274 Cyg *	20 07 18	26	72	145
WZ Sge *	20 07 36	56	86	158
GS Pav *	20 08 08	35	82	154
V349 Pav *	20 08 56	42	82	154
2009+6216 *	20 10 43	119	132	174
V1101 Aql *	20 13 04	38	62	136
J2013+4002*	20 13 09	119	132	174
V794 Aql *	20 17 34	36	62	136
V Sge *	20 20 15	24	85	158
V4738 Sgr *	20 22 38	57	87	159
V1776 Cyg *	20 23 31	34	72	145
Var 73 Dra *	20 23 38	43	94	168
V404 Cyg *	20 24 04	100	108	144
CM Del *	20 24 57	34	72	145
EZ Del *	20 25 23	32	72	145
QU Vul *	20 26 46	42	93	165
V503 Cyg *	20 27 17	47	71	144
KK Tel *	20 28 39	45	88	161
V1974 Cyg *	20 30 32	45	72	145
2032+1849 *	20 35 14	116	132	174
HO Del *	20 36 56	53	72	145
AE Aqr *	20 40 09	25	61	134
HR Del *	20 42 20	30	72	145
2040+3954 *	20 42 34	117	132	174
V751 Cyg *	20 52 13	38	71	144
VW Vul *	20 57 45	33	92	165
AO Oct *	21 05 08	52	80	152
HU Aqr *	21 07 58	44	61	135
V1500 Cyg *	21 11 37	39	72	144
VY Aqr *	21 12 09	53	61	134
EF Peg	21 15 04	45	82	154
CD Ind *	21 15 41	47	78	149
LZ Aqr *	21 23 15	103	106	135
V2069 Cyg *	21 23 45	26	72	145
IK Peg *	21 26 27	115	125	155
AC 211 *	21 29 58	101	112	165
J2130+4710*	21 30 18	120	132	174
V1727 Cyg *	21 31 26	103	108	145
CI Gru *	21 33 07	57	75	147
IR Peg *	21 34 08	122	125	155
V630 Cyg *	21 34 59	47	71	144
LQ Peg *	21 36 19	41	83	155
CE Gru *	21 37 56	48	75	147
V1251 Cyg	21 40 54	49	71	144
CF Gru *	21 41 23	50	75	147
V1668 Cyg *	21 42 35	40	72	145
SS Cyg *	21 42 43	27	71	143
V1341 Cyg *	21 44 41	100	108	144
LS Peg *	21 51 58	33	83	155
2154+4048 *	21 56 18	121	132	174
J2157+0855*	21 57 32	39	98	174
FF Aqr *	22 00 36	115	124	135
UU Aqr *	22 09 06	34	61	134
2209-1444 *	22 12 18	121	132	174
RU Peg *	22 14 03	25	82	154
FO Aqr *	22 17 55	30	61	135
HL Aqr *	22 20 27	40	61	135
DI Lac *	22 35 49	24	78	150
RZ Gru *	22 47 12	26	75	147
TY PsA *	22 49 40	45	84	157
GD 552 *	22 50 40	50	93	166
AO Psc *	22 55 18	36	84	156
MS Peg *	22 58 48	122	125	155
V369 Peg *	23 03 42	45	83	155
V425 Cas *	23 03 47	37	67	140
J2303+0106*	23 03 52	51	98	175
CP Tuc *	23 15 19	54	89	161
J2315-3048 *	23 15 32	56	98	175
J2316-0527 *	23 16 04	37	98	175
IP Peg *	23 23 09	35	82	155
VY Scl *	23 29 01	29	87	160
DX And *	23 29 47	25	60	134
J2329+0628*	23 29 54	58	98	175
2331+2902 *	23 34 21	122	132	175
J2337+4308*	23 37 59	34	99	175
HX Peg *	23 40 24	31	82	154
V705 Cas *	23 41 47	29	68	141
LD 317 *	23 44 57	36	93	166
2345+3148 *	23 48 08	122	133	175
V630 Cas *	23 48 52	23	68	140
VZ Scl *	23 50 09	38	87	160
BW Scl *	23 53 01	57	88	160
V731 Cas *	23 57 00	23	68	141

* : Alternative designations of this object are listed on page 177 - 238

Description of Table Headings and of Abbreviations

Object Name:	Wherever possible, the designation of the object given in the General Catalogue of Variable Stars is used here.
Altern.Name:	is a frequently used alternative name. Further alternative designations are given in the "Who's Who ?" section.
Coordinates:	First row right ascension (J2000) in hrs min sec Second row declination (J2000) in deg ' " The coordinates are given in the following format: right ascension: HH MM SS.S declination : DDD MM SS A In the declination field, "A" is the accuracy of of the coordinates in seconds of arc (written as a hexadecimal number, i.e. 10" = a , 11" = b , 12" = c , 13" = d , 14" = e , 15" = f). In a case where "A" > 15" or where the accuracy of the co-ordinates is not known, the "A"-field is left blank.
Type:	(first and second row), the object type is coarsely characterised using the following abbreviations:

AC = AM CVn star, spectrum devoid of hydrogen lines, subtype of NL
AM = polar = AM Her system, subtype of NL, contains a synchronously rotating, magnetized white dwarf
AS = subtype of AM, with a slowly asynchronously rotating, magnetized white dwarf
AS = atoll source, subtype of the LMXBs
BH = black hole candidate, subtype of the LMXBs
CP = coherent pulsator, contains a coherently pulsating white dwarf or subdwarf
DA = non-magnetic direct accretor
DC = source with an accretion disc corona, subtype of the LMXBs
DD = system consists of two degenerate components
DN = dwarf nova

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DQ = DQ Her star, contains a non-synchronously
     rotating, magnetized white dwarf; usually not
     seen in X-rays
DS = detached system
EC = contains a polsating sdB star of the
     EC 14026-2647 type
ER = ER UMa star = SU UMa star with an extremely short
     supercycle
GC = source in a globular cluster
GW = contains a pulsating white dwarf of the GW Vir =
     PG 1159-035 type
IP = intermediate polar, shows coherent X-ray period
     from a non-synchronously spinning, magnetized
     white dwarf; usually a strong X-ray source
N  = classical nova
Na = fast nova (decline from max. by 3 mag. in less
     than about 100 days)
Nb = slow nova (decline from max. by 3 mag. in more
     than about 100 days)
Nc = extremely slow nova (typical time scale of the
     decline from maximum: decades)
NL = nova-like variable
Nr = recurrent nova
NS = system showing negative (nodal) superhumps
PN = central star of a planetary nebula
SH = non-SU UMa star showing either permanent or
     transient positive (apsidal) superhumps
SS = supersoft X-ray source; CV with stationary
     hydrogen burning on the white dwarf
SU = SU UMa star, subtype of DN
SW = SW Sex star, subtype of NL
UG = dwarf nova of either U Gem or SS Cyg subtype
UL = ultra-luminous X-ray source
UX = UX UMa star, subtype of NL
VY = VY Scl star (anti dwarf nova), subtype of NL
WZ = WZ Sge star = SU UMa star with an extremely long
     supercycle
XB = X-ray burst source
XP = X-ray pulsar
XT = transient X-ray source
ZC = Z Cam star, subtype of DN
ZS = Z-source, subtype of the LMXBs
ZZ = white dwarf shows ZZ Ceti-type pulsations
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Mag1, Mag3
Mag2, Mag4:       apparent V magnitude (B magnitude if followed by B)
                  with the following meaning:

                  Mag1 = maximum brightness of
                         novae (N,Na,Nb,Nc,Nr) in minimum
                         DN    (UG,ZC,SU)      in minimum
                         NL    (UX,AC)         in normal state
                         NL    (AM,VY)         in high state
                         XT                    in quiescence
                         DS                    outside eclipse

                  Mag2 = minimum brightness, in case of eclipses magn.
                         at mideclipse, of
                         novae (N,Na,Nb,Nc,Nr) in minimum
                         DN    (UG,ZC,SU)      in minimum
                         NL    (UX,AC)         in normal state
                         NL    (AM,VY)         in high state
                         XT                    in quiescence
                         DS

                  Mag3 = maximum brightness of
                         novae (N,Na,Nb,Nc,Nr) in outburst
                         DN    (UG,ZC)         in outburst
                         DN    (SU)            in normal outburst
                         NL    (AM,VY)         in low state
                         NL    (DQ,IP)         in flaring state
                         XL    (XB,XT)         in outburst

                  Mag4 = brightness of
                         ZC                    in standstill
                         SU                    in superoutburst
                       = minimum brightness of
                         NL    (AM,VY)         in low state


T1:               for DN (UG,ZC), the typical time interval (in days)
                                  between two subsequent outbursts
                  for DN (SU), the typical time interval (in days)
                               between two subsequent normal outbursts
                  for XT,      the typical time interval (in days)
                               between two subsequent X-ray active states


T2:               for DN (SU), the typical time interval (in days)
                               between two subsequent superoutbursts


Lx/Lo:            for LMXBs, the ratio of X-ray to optical luminosity
```

Orb.Per.: orbital period (in days), in case of object type

- SU: if followed by *, the orbital period has been estimated from the known superhump period using the empirical relation given by B. Stolz and R. Schoembs (1984, A&A 132, 187).

2. Per.: second period, in case of object type

- DQ or IP: photometric period (in days), if it is different from the spectroscopic one.
- AM: polarization period (in days) = spin period of the white dwarf, if it is different from the presumed orbital period (subtype AS).
- SU: superhump period (in days), wherever possible, at the beginning of a superoutburst.
- SH: photometric period (in days), superhump period of either permanent or transient superhumps if 2. Per > Orb.per.
- NS: photometric period (in days), period of either permanent or transient negative superhumps if 2. Per. < Orb.Per.
- DS: spin period (in seconds) of the accretor (white dwarf or neutron star).

3. Per.
4. Per.: additional periods in the system (in seconds), in case of object type

- CP: 3. Per. = period of coherent pulsation, (transient if followed by T).
  4. Per. = second period of coherent pulsation, (transient if followed by T).
- DQ: 3. Per. = spin period of the white dwarf.
  4. Per. = additional period, presumably due to reprocessed X-Rays.
- IP: 3. Per. = spin period of the white dwarf, usually detected in X-Rays.
  4. Per. = additional period, usually seen in the optical and presumably due to reprocessed X-Rays.
- XP: 3. Per. = pulse period of the pulsar.
  4. Per. = optical period, presumably due to reprocessed X-Rays.

EB: indicates the occurrence of eclipses

if blank	no eclipses observed
if 1	1 eclipse per orbital revolution observed

```
                 if   2     2 eclipses per orbital revolution observed
                 if   D       periodic eclipse-like dips observed


SB:              type of spectroscopic binary
                 if   1     single-line spectroscopic binary
                 if   2     double-line spectroscopic binary


Spectr2:         spectral type of the secondary
Spectr1:         spectral type of the primary
                 the number to the right of the slash indicates the
                 luminosity class , i.e.

                                    I = 1
                                   II = 2
                                  III = 3
                                   IV = 4
                                    V = 5
                                   VI = 6


e:               first row    eccentricity of the orbit
                 second row   the corresponding error


M1/M2:           first row    mass ratio  M1/M2
                 second row   the corresponding error


Incl:            first row    orbital inclination (in degrees)
                 second row   the corresponding error


M1:              first row    mass of the primary (in solar masses)
                 second row   the corresponding error


R1:              first row    radius of the primary (in solar radii)
                 second row   the corresponding error


M2:              first row    mass of the secondary (in solar masses)
                 second row   the corresponding error


R2:              first row    radius of the secondary (in solar radii)
                 second row   the corresponding error


Uncertain values are followed by a colon.
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Cataclysmic Binaries

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
V1017 Sgr	18 32 04.5	Nb DN	13.7	7.2		5.714			G5/3p				
N Sgr 1919	-29 23 12 1							1					
MR Vel	09 25 45.9	SS	17.0			4.028782					55		
0925-4758	-47 58 18 1		17.3					1			10		
V630 Cas	23 48 51.9	DN	16.6	14.3		2.56387			K4-5	5.5	72.5	1.01	0.18
N Cas 1950	+51 27 39 1							2		0.6	5.5	0.13	0.02
GK Per	03 31 12.0	Na DN	10.2	0.2	1098	1.996803	351.34		K1/4	2.1	<73	0.87	>0.48
N Per 1901	+43 54 16 1	IP	14.0					2		0.8		0.24	0.32
X Ser	16 19 17.7	Nb:	16.4	8.9B		1.48							
N Ser 1903	-02 29 30 1							1					
U Sco	16 22 30.8	Nr	17.9	8.8	4000	1.230552		1	K2/4	1.82	82.7	1.55	0.88
N Sco 1987	-17 52 44 1		19.5			0.05313 :		2		0.23	2.9	0.24	0.17
WY CMa	07 11 40.1	?	14.5			1.14433 :							
	-26 58 40 1		15.4										
AKO 9	00 24 05.0	DN	17.0			1.108		1					
	-72 04 55 1												
CAL 83	05 43 34.2	SS	16.2			1.04752							
LHG 83	-68 22 22 1		18.3					1					
V731 Cas	23 57 00.3	NL?	19.1			0.7806		1					
V9(NGC 7789)	+56 45 08 1		19.5										
J0513-6951	05 13 50.8	SS	16.0			0.762943							
	-69 51 47 1		17.5					2					
V394 CrA	18 00 26.0	Nr	17.8	7.2		0.7577 :							
N CrA 1987	-39 00 35 1		18.8										

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
V723 Cas	01 05 05.4	Nb	19.0B	6.9		0.693265							
N Cas 1995	+54 00 41 1												
QR And	00 19 49.8	SS	11.5			0.660465		1					
J0019+2156	+21 56 53 1		13.0					1					
CI Aql	18 52 03.6	Nr	15.4	8.8		0.6184		1					
	-01 28 39 1		16.2										
BV Cen	13 31 19.6	DN UG	12.6	10.5	167	0.610108			G5-8/5	0.92	62	0.83	0.90
	-54 58 34 1		13.3					2		0.06	5	0.10	0.10
V841 Oph	16 59 30.3	Nb	13.5	4.2		0.60423 :							
N Oph 1848	-12 53 27 1		13.8					1					
DI Lac	22 35 48.6	Na	14.3	4.6		0.543773							
N Lac 1910	+52 43 00 1		14.6					1					
V Sge	20 20 14.8	SS	10.5			0.514197		2		0.27	71	0.88	3.32
	+21 06 09 1		14.5					2	WN5 :	0.04		0.22	0.77
J1951+3716	19 51 47.5	NL?	15.5B			0.493							
	+37 16 48 1							1					
NGC 6397-CV1	17 40 41.4		17.9			0.472		1					
	-53 40 20 1		18.3										
CP Cru	12 10 31.4	Na:	19.6	9.2		0.471							
N Cru 1996	-61 45 10 1												
V442 Cen	11 24 51.9	DN UG	16.5	11.9	32	0.46 :							
	-35 54 38 1												
EY Cyg	19 54 36.8	DN UG	15.5	11.4	96	0.459326			K0-5/5	2.1	16	0.69	1.26
	+32 21 55 1							2		0.2	1		
QU Car	11 05 42.8	NL	11.1			0.454					<60		
	-68 37 58 1		11.5					1					

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
CAL 87	05 46 45.1	SS		19.0			0.442677		1					
LHG 87	-71 08 54 C			21.8										
DX And	23 29 46.7	DN	UG	16.5	10.9	300	0.440502			K0/V	1.5	45		<0.8
	+43 45 04 1								2		0.2	12		
UY Pup	07 46 31.2	DN	ZC	15.8	13.5	85	0.426 :							
	-12 57 09 1								1					
KO Vel	10 15 58.4	NL	IP	16.7			0.422	4086 :						
	-47 58 11 1			19.0				5330 :	1					
0928+5004	09 32 14.9	NL	UX	14.3			0.418380		1					
	+49 50 54 1			15.7					2					
WX Cen	13 12 52.5	NL?	SS?	13.4			0.4170							
	-63 23 45 1			14.2					2					
V1062 Tau	05 02 27.5	NL	IP	15.1B			0.415	3704						
	+24 45 23 1			16.1B				3794						
AE Aqr	20 40 09.0	NL	DQ	10.7	9.8		0.411656	33.0767		K4/5	1.59	58	0.79	0.50
	-00 52 16 1			11.8					2		0.03	6	0.16	0.10
J1548-4528	15 48 14.6	NL	IP	14.5			0.402 :	693						
	-45 28 40 1			14.6				707.4	1					
J0527-6954	05 27 48.9	SS		>19 B			0.3926							
	-69 54 09 5													
SY Cnc	09 01 03.4	DN	ZC	13.5	10.9	22-51	0.380			K7/5				
PG 0858+181	+17 53 56 1			14.5	12.2				1					
AT Ara	17 30 33.8	DN	UG	15.3	11.5	97	0.3755			K2/5	1.27	38	0.54	0.43
	-46 05 59 1								2		0.06	5	0.15	0.12
RU Peg	22 14 02.6	DN	UG	12.6	9.0	76	0.3746			K3/5	1.29	33	1.21	0.94
	+12 42 11 1			13.1					2		0.20	5	0.19	0.04

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
RZ Gru	22 47 12.0	NL UX	12.3			0.360 :							
	-42 44 39 1		13.4					1					
QZ Aur	05 28 34.0	Na	17.0	6. :		0.357496		1	G8-K2/5	1.0	75	1.05	1.05
N Aur 1964	+33 18 23 1		18.3					1		0.2	1	0.23	0.05
V368 Aql	19 26 34.4	Na	16.2	6.6		0.3452		1					
N Aql 1936	+07 36 14 1		17.8										
CH UMa	10 07 00.6	DN UG	15.3	10.7	370	0.343			M0/5	2.05	21	1.95	0.96
PG 1003+678	+67 32 47 1							2		0.29	4	0.30	0.01
MU Cen	12 12 53.9	DN UG	14.9	11.8	45	0.342				1.20	>45	1.20	0.99
	-44 28 16 1							1		0.23		0.20	0.03
BT Mon	06 43 47.2	Na	15.4	4.5?		0.333814		1	G8/5	1.19	82.3	1.04	0.87
N Mon 1939	-02 01 15 1		18.1					2		0.06	3.2	0.06	0.06
V1309 Ori	05 15 41.4	NL AM	16.0			0.332612		1	M0-1/5	1.50	77.8	0.70	0.5
J0515+0104	+01 04 40 1		17.5					1		0.13	1.2	0.12	0.1
AF Cam	03 32 15.6	DN UG	17.0	13.4	75	0.324 :			K4-M0/5				
	+58 47 22 1		17.3										
V363 Aur	05 33 33.5	NL UX	14.2			0.321242		1	K0/5	1.12	70	0.86	0.77
Lanning 10	+36 59 32 1		15.0					2		0.04	2	0.08	0.04
V2069 Cyg	21 23 44.8	NL?	15.9			0.31168							
	+42 18 02 1							1					
AC Cnc	08 44 27.2	NL UX	13.8			0.300478		1	G8-K2/5	0.81	72	0.82	1.02
	+12 52 32 1		15.4					2		0.05	3	0.13	0.14
V2274 Cyg	20 07 17.9	N	>19.5	11.7		0.30 :							
N Cyg 2001#1	+36 04 37 1												
V838 Her	18 46 31.5	Na	19.2	5.4		0.297635		1		1.18	84	0.87	0.74
N Her 1991	+12 14 02 1		19.7					1		0.18	6	0.12	0.01

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
EM Cyg	19 38 40.1	DN ZC	13.3	12.5	13-46	0.290909		1	K3/5	1.14	67	1.12	0.99
	+30 30 28 1		14.4	12.9				2		0.07	2	0.08	0.12
Z Cam	08 25 13.2	DN ZC	12.6	10.5	12-30	0.289841			K7/5	1.41	57	0.99	0.70
	+73 06 39 1		13.3	11.6				2		0.20	11	0.15	0.03
J0813+4528	08 13 21.9	DN UG?	18.3			0.2881			K-M				
	+45 28 10 1							1					
V426 Oph	18 07 51.7	DN ZC	11.5		17-55	0.2853			K5/5	1.29	59	0.90	0.70
	+05 51 49 1		13.4					2		0.10	6	0.19	0.14
BY Cir	14 44 53.6	N	17.9	7.2		0.282							
N Cir 1995	-63 53 55 1												
SS Cyg	21 42 42.7	DN UG	11.4	8.2	50	0.275130			K5/5	1.69	37	1.19	0.704
	+43 35 10 1		12.1					2		0.06	5	0.02	0.002
1045+5234	10 48 18.0	DN?	15.1			0.271278			K5-M0/5				
UMa 5	+52 18 30 1		15.4					2					
CM Phe	00 21 33.1	NL	15.3			0.2689			M5/5				
Phe 1	-51 42 34 1							2					
TT Crt	11 34 47.2	DN	15.9	12.7		0.26842			K5-M0/5				
	-11 45 30 1		16.3					2					
EI UMa	08 38 22.0	DN UG	14.8			0.2681							
PG 0834+488	+48 38 02 1							1					
U Leo	10 24 03.9	N ?	17.3	10.5		0.2674 :							
N Leo 1855	+14 00 26 1												
TW Pic	05 34 50.7	NL VY?	14.1	18.1		0.265 :							
H 0534-581	-58 01 41 1	SH?	15.9			0.253 :							
BV Pup	07 49 05.3	DN UG	15.6	13.1	30	0.265							
	-23 34 01 1		15.9										

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
TZ Per	02 13 51.0	DN	ZC	14.7	12.3	10-20	0.262906							
	+58 22 53 1			15.6	13.3				1					
FY Per	04 41 56.6	NL		12.0			0.2585							
	+50 42 36 1			14.5					1					
AH Her	16 44 10.0	DN	ZC	13.9	11.3	20	0.258116			K7/5	1.25	46	0.95	0.76
PG 1642+253	+25 15 02 1			14.7	12.4				2		0.08	3	0.10	0.08
V1425 Aql	19 05 26.7	N	NL?	>21 B	8.1		0.2558							
N Aql 1995	-01 42 14 1	IP?						5188						
XY Ari	02 56 08.1	NL	IP	>23			0.252697	206.298	1	M0/5	1.8	82.	1.04	0.62 :
1H 0253+193	+19 26 34										0.3	2.	0.13	
RU LMi	10 02 07.5	DN	UG	17.8	13.8		0.251							
CBS 119	+33 51 00 1			19.5										
NGC 104-CV1	00 24 04.3	NL	IP?	21.			0.25 :	218.24						
V1 (47 Tuc)	-72 04 58 1													
LL Lyr	18 35 12.9	DN	UG	17.1	12.8B		0.249			M3-4/5				
	+38 20 04 1								1					
RW Sex	10 19 56.6	NL	UX	10.4	12.1		0.24507				1.35	34	0.8 :	0.6 :
BD -7 3007	-08 41 56 1			10.8					2		0.10	6		
M 5-V101	15 18 14.5	DN	UG	22.5	17.4		0.242					55		
	+02 05 35 1											5		
AH Eri	04 22 38.1	DN	UG?	18.4	13.5		0.2391			M3-5/5				
	-13 21 30 1	IP?		18.5				2500 :	1					
TX Col	05 43 20.2	NL	IP	15.7			0.2383	1911		M0/5			0.54	
1H 0542-407	-41 01 55 1							2106	1				0.10	
NGC 6397-CV6	17 40 48.8			19.3			0.2352		1?					
	-53 39 49 1			19.8										

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
DO Leo	10 40 51.2	NL		16.5			0.234515		1					
PG 1038+155	+15 11 34 1			17.0										
VY Scl	23 29 00.5	NL	VY	12.9	18.5		0.2323				3.5	30	1.22	0.43
PS 141	-29 46 46 1			13.3					1		1.2	10	0.22	0.13
V347 Pup	06 10 33.6	NL	DQ?	13.4			0.231936		1	K0-5/5	1.09	80.5	0.63	0.58
LB 1800	-48 44 26 1			15.8					1		0.14	3.5	0.08	0.11
RW Tri	02 25 36.1	NL	UX	12.6			0.231883		1	M0/5	1.3	70.5	0.55	0.35
	+28 05 51 1			15.6					2		0.4	2.5	0.15	0.05
TV Col	05 29 25.4	NL	IP	13.6			0.228599	1911.	1	K1-5/5		70	0.75	0.56
2A 0526-328	-32 49 05 1	SH	NS	14.1			0.264		1			3	0.15	
V705 Cas	23 41 47.3	Na		18. B	6.5		0.2280 :							
N Cas 1993	+57 31 00 1													
V709 Cas	00 28 48.9	NL	IP	14.1			0.2225	312.75						
J0028+5917	+59 17 22 1			14.6				317.94	1					
CZ Ori	06 16 43.2	DN	UG	16.6	11.2	26	0.2189			M1-4/5				
	+15 24 12 1			17.0					1					
AY Psc	01 36 55.4	DN	ZC	15.3			0.217321		1					
PG 0134+070	+07 16 30 1			17.0										
HL CMa	06 45 17.0	DN	ZC	13.2	11.7	17	0.216778					45 :	1.0 :	0.45
	-16 51 35 2			14.5					1					0.10
PQ Gem	07 51 17.4	NL	IP	14.1			0.216359	833.41						
	+14 44 25 1			14.5				872.30						
V3885 Sgr	19 47 40.5	NL	UX	9.6			0.2163				1.0 :	<50	0.8 :	0.7 :
CD -42 14462	-42 00 26 1			10.3					1				0.2	0.1
AR Cnc	09 22 07.5	DN	UG	18.7	15.3		0.2146		1	M4-6/5				
	+31 03 15 1			>21.2										

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
HR Del	20 42 20.4	Nb		11.9	3.5		0.214165				1.2	40	0.67	0.55
N Del 1967	+19 09 40 1			13.0			0.1775		1		0.1	2	0.08	0.03
PW Vul	19 26 05.1	Na		17.5	6.4		0.2137 :							
N Vul 1984 I	+27 21 59 1													
AP Cru	12 31 20.6	N	IP	18.7	10.7:		0.213	1850		K7				
N Cru 1935	-64 26 25 1													
HZ Pup	08 03 22.8	Na	NL	17.2	7.7		0.213	1200 :						
N Pup 1963#1	-28 28 29 1	IP		18.5										
NGC 6752-CV1	19 10 52.1	GC		20.6			0.213 :							
J1910-5958#1	-59 58 01 1													
EX Dra	18 04 14.1	DN	UG	14.5		23	0.209937		2	M1-2/5	1.33	84.2	0.75	0.56
1804+6753	+67 54 12 1			15.0					2		0.02	0.6	0.02	0.02
RX And	01 04 35.6	DN	ZC	14.0	10.5	17	0.209893			K5/5	2.4	51	1.14	0.48
	+41 17 58 1			15.5	11.5				1		0.7	9	0.33	0.03
TW Tri	01 36 37.0	DN	ZC	17.0	13.3		0.207584			M1/5				
	+32 00 40 1								1					
V617 Sgr	18 07 50.8	NL	SS	13.6			0.207167		2?	WN5				
	-35 10 25 1			15.7					1					
V446 Her	18 57 21.6	Na	DN	17.6	3.0	15-30	0.2070							
N Her 19603	+13 14 29 1			18.5	15.2				1					
V825 Her	17 18 37.0	NL		14.1			0.206							
PG 1717+413	+41 15 51 1			14.4					1					
T Aur	05 31 59.1	Nb		14.9	4.1		0.204378		1			57 :	0.68 :	0.63 :
N Aur 1891	+30 26 45 1			15.1					1					
FO Aqr	22 17 55.4	NL	IP	13.0			0.202060	1254.451	1			70		
H 2215-086	-08 21 05 1			14.0				1351.57	1			5		

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
AT Cnc	08 28 36.9	DN ZC	15.3	12.2	16	0.2011			K7-M0/5				
Ton 323	+25 20 03 1			13.5				1					
HX Peg	23 40 23.7	DN	15.8	12.9		0.2008			K/6				
PG 2337+123	+12 37 42 1		16.6	13.9				2					
V895 Cen	14 29 27.2	NL AM	16.5	17.2		0.198553		1			80		
J1429-3804	-38 04 10 1			17.5							5		
V345 Pav	19 35 43.0	NL UX	13.4			0.198096		1					
EC 1931-5915	-59 08 22 1		14.2					1					
UX UMa	13 36 41.0	NL UX	12.7			0.196671		1	M0/5	1.0	71.0	0.47	0.47
	+51 54 50 1		14.1					1		0.1	0.6	0.07	0.10
J0625+7334	06 25 16.2	NL	14.8B			0.19666							
	+73 34 40 1							1					
CT Ser	15 45 39.1	N	16.3	7.9		0.1950							
N Ser 1948	+14 22 33 1		16.6					1					
IX Vel	08 15 18.9	NL UX	9.1			0.193927				1.54	60	0.82	0.53
CPD -48 1577	-49 13 18 1		10.0					2		0.10	5	0.14	0.09
DQ Her	18 07 30.4	Na DQ	14.2	1.3		0.193621	142.131	1	M3/5	1.61	86.5	0.60	0.40
N Her 1934	+45 51 32 1		17.7					2		0.13	1.6	0.07	0.05
AI Tri	02 03 48.6	NL AM	15.5	18.		0.191745			M2.5/5				
J0203+2959	+29 59 26 1							1					
CG Dra	19 07 32.8	DN UG	17.5	15.		0.1893 :			K3-7/5:				
	+52 58 29 1							1					
V697 Sco	17 51 21.8	Na IP	19.7	10.2		0.187	11900						
N Sco 1941	-37 24 55 1												
Leo 7	09 38 37.0	DN	17.5B	13.0B		0.1868			M2-4/5				
	+07 14 55 1							2					

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
J0649-0737	06 49 50.8	NL AM	18.0B			0.183							
	-07 37 41 1												
J1553+5516	15 53 31.1	NL AM	17.7			0.18297			M5/5				
	+55 16 15 1		18.8										
SS Aur	06 13 22.4	DN UG	14.5	10.5	51	0.1828			M1/5	2.8	38	1.08	0.39
	+47 44 26 1		14.8					2		1.0	16	0.40	0.02
TW Vir	11 45 21.1	DN UG	15.8	12.1	28	0.18267			M5-6/5	2.3	43	0.91	0.40
PG 1142-041	-04 26 06 1		16.3					1		0.6	13	0.25	0.02
EZ Del	20 25 22.9	DN UG	14.5B			0.182							
	+15 45 58 1		16.5B					1					
J1958+3232	19 58 14.5	NL IP	15.7			0.1812	1466.66						
	+32 32 42 1							1					
BD Pav	18 43 11.9	DN UG	15.4	12.4		0.179301		2	K7/5	1.58	71.0	1.15	0.73
	-57 30 44 1		>16.5					2		0.07	0.1	0.07	0.06
U Gem	07 55 05.3	DN UG	14.0	9.1	132	0.176906		1	M4/5	2.76	69	1.07	0.39
	+22 00 06 1		15.2					2		0.08	2	0.08	0.02
ES Dra	15 25 31.8	DN?	15.4			0.1766							
PG 1524+622	+62 01 00 1												
CW Mon	06 36 54.5	DN UG	16.3	11.9	122	0.1762		1	M3/5				
	+00 02 16 1							2					
WW Cet	00 11 24.8	DN	13.0	11.0	45	0.1758			M2.5/5	2.1	54	0.85	0.41
	-11 28 43 1		15.7					2			4	0.11	0.01
GY Cnc	09 09 50.6	DN	16.4	12.5		0.175443		1	M3/5	2.6	77.3	0.99	0.38
J0909+1849	+18 49 47 1		17.6					2		0.2	0.9	0.12	0.06
V436 Car	07 44 57.9	NL	14.4	13.6B		0.1753							
J0744-5257	-52 57 13 1		15.5					1					

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
LS Peg	21 51 57.9	NL SW	13.0			0.174774	1176				30:		
S 193	+14 06 54 1	IP					2010						
J1313-3259	13 13 17.1	NL AM	16.4			0.174592			M2-3/5		40	0.4	0.45
	-32 59 12 1							1				0.1	0.1
V729 Sgr	19 16 49.2	DN	15.4	13.8		0.173406		1					
	-26 14 33 1		15.9										
UZ Ser	18 11 24.9	DN UG	15.5	11.9	25	0.1730							
	-14 55 34 1		16.6										
V849 Oph	18 14 07.3	Nb	17.9	7.2		0.172757		1					
N Oph 1919	+11 36 43 1		19.1										
V405 Aur	05 57 59.3	NL IP	14.6			0.17262	545.455						
J0558+5353	+53 53 45 1							1					
0035-7230	00 37 19.8	SS	20.2			0.171926				< 3	35 :		
	-72 14 14 1		20.6					1			15		
LZ Mus	11 56 09.0	N		8.		0.1693 :							
N Mus 1998	-65 34 21 1												
0922+1333	09 24 56.0	NL AM	19. B			0.169			M3.5/5				
	+13 20 53 1												
VW Vul	20 57 45.1	DN UG	15.6	13.6	14-23	0.16870							
	+25 30 26 1							1					
DO Aql	19 31 25.9	Nc	17.9	8.7		0.167762		1					
N Aql 1925	-06 25 38 1		18.4										
CQ Dra bc	12 30 06.7					0.1656							
4 Dra bc	+69 12 05 1												
DO Dra	11 43 38.3	NL IP	15.6B	10.6B		0.165374	529.31		M3-5/5	2.2	45	0.83	0.38
PG 1140+719	+71 41 20 1		16.7B				274.87	2		0.2	4	0.10	0.01

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
AM Cas	02 26 23.4	DN ZC	15.2	12.3	8	0.1652							
	+71 18 32 1							1					
V1193 Ori	05 16 26.7	NL UX	14.1			0.165							
	-00 12 14 1							1					
V1776 Cyg	20 23 30.5	NL UX	16.7			0.164739		1			75	0.6	0.37
Lanning 90	+46 31 30 1	SW	17.6					1					
X Leo	09 51 01.5	DN UG	15.8	12.4	8-38	0.1644			M2/5				
	+11 52 31 1		16.5					1					
J0153+7446	01 53 20.9	NL IP	15.4B			0.16415	1414.						
	+74 46 22 1							1					
UU Aqr	22 09 05.7	NL UX	13.3			0.163580		1	K7-M0/5	3.3	78	0.67	0.20
S 196	-03 46 18 1		15.5					1		1.0	2	0.14	0.07
UU Aql	19 57 18.7	DN UG	16.0	11.0	48	0.163532			M2-4/5				
	-09 19 21 1		17.0					1					
CN Ori	05 52 07.8	DN UG	14.2	11.9	18	0.163199			M4/5	1.51	67	0.74	0.49
	-05 25 01 1		16.3	12.8		0.163190		2		0.09	3	0.10	0.08
AR And	01 45 03.3	DN UG	16.9	11.0	25	0.1630							
	+37 56 33 1		17.6					1					
KR Aur	06 15 43.9	NL VY	11.3	16.9		0.16280				1.7	38	0.59	0.35
	+28 35 09 1		14.5	>18 B				1		0.5	10	0.17	0.02
KT Per	01 37 08.7	DN ZC	15.4	10.6	20	0.162658			M3/5				
	+50 57 20 1		16.1	12.3				1					
CM Del	20 24 56.9	NL UX	13.4			0.162				1.3	73 :	0.48	0.36
	+17 17 54 1		15.3					1		0.4	47	0.15	0.03
J2337+4308	23 37 59.2	NL VY	16.4b			0.1605							
	+43 08 52 1							1					

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
V380 Oph	17 50 13.7	NL		15.5			0.16				1.6	42	0.58	0.36
	+06 05 29 1			>16.1					1		0.5	13	0.19	0.04
V4077 Sgr	18 34 39.4	Nb		22.	8.0		0.16 :							
N Sgr 1982	-26 26 03 1													
NGC 104-CV3	00 24 06.5						0.160 :							
V3 (47 Tuc)	-72 04 44 1													
CY Lyr	18 52 41.4	DN	UG	17.0	13.2		0.1591			M3.5/5				
	+26 45 30 1								1					
VY For	03 32 04.6	NL	AM	19.2	17.5		0.1586			M4.5/5				
0329-2607	-25 56 56 1													
LX Ser	15 38 00.1	NL	VY	14.5	17.0		0.158432		1		1.14	90	0.41	0.36
	+18 52 03 1			16.5					1		0.25		0.09	0.02
IP Peg	23 23 08.6	DN	UG	14.0	10.5	95	0.158206		2	M2.2/5	2.2	81.8	0.94	0.42
	+18 24 59 1			17.8					2		0.2	0.9	0.10	0.08
V1493 Aql	19 07 36.9	Na		>20.	8.3:		0.156							
N Aql 1999#1	+12 31 27 1													
SV CMi	07 31 08.4	DN	ZC	16.3	13.	16	0.156							
	+05 58 49 1													
BH Lyn	08 22 36.0	NL	SW	14.5	17.2		0.155875		1					
PG 0818+513	+51 05 25 1	SH	NS	16.4			0.1666		1					
J1424-0227	14 24 39.0	NL	AM	19.6B			0.1555 :							
	-02 27 39 1													
OY Ara	16 40 50.3	Na		18.7	6.0		0.155466		1			74.3	0.82	0.34
N Ara 1910	-52 25 51 1			20.7					1			1.2	0.12	0.01
GS Pav	20 08 07.6	NL	VY	17.1	15.		0.155270		1					
	-69 48 58 1			19.9										

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
PY Per	02 50 00.1	DN ZC	19.8	13.8		0.1548							
	+37 39 23 1							1					
QQ Vul	20 05 41.9	NL AM	14.5			0.154520			M4/5		65	1.85	
1E 2003+225	+22 39 59 1		15.5					1			7	0.48	
LD 317	23 44 57.4	NL	12.6			0.154							
	+43 31 22 1		14.8					1					
NGC 6752-CV2	19 10 52.0	GC	20.9			0.154 :							
J1910-5958#2	-59 58 56 1												
BZ Cam	06 29 34.0	NL VY	12.5B		25	0.153693							
0623+71	+71 04 37 1	SH?	14.0B			0.15634		1					
WY Sge	19 32 43.8	N DN?	19.0B	5.4 :		0.153635		1					
N Sge 1783	+17 44 55 1		21.0B					1					
V992 Sco	17 07 17.5	Nb	17.2	8.3		0.1535							
N Sco 1992	-43 15 22 1												
V794 Aql	20 17 34.0	NL VY	14.2	20.2B		0.1533 :							
	-03 39 51 1		14.8					1					
BP Lyn	09 03 08.9	NL UX	14.5			0.152812		1					
PG 0859+415	+41 17 48 1	SW						1					
AB Dra	19 49 06.5	DN ZC	14.5	12.3	8-22	0.1520							
	+77 44 24 1		15.8					1					
J0558+6753	05 58 18.0	DN SU	17.0B			0.1504							
	+67 53 46 1			14.0B		0.08080		1					
J0749-0549	07 49 10.4	NL AM	19.0B			0.150							
	-05 49 26 1												
AO Psc	22 55 18.0	NL IP	13.3			0.149626	805.20						
H 2252-035	-03 10 40 1		15.0				858.69	1					

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
V425 Cas	23 03 46.6	NL	VY	14.5			0.1496				2.8	25	0.86	0.31
	+53 17 15 1			18					1		1.0	9	0.32	0.02
Tau 2	04 00 37.3	NL	SW	15.5			0.1495							
	+06 22 46 1						0.14293		1					
J0944+0358	09 44 31.7	DN	UG	17.	13.2		0.1493			M0-3/5				
	+03 58 05 1								1					
0528-5857	05 29 28.7	NL	SW?	14.3B	>18. B		0.14923							
	-58 54 46 1	SH					0.1632							
0455+8315	05 06 48.5	NL	UX	14.7			0.148728		1					
	+83 19 23 1			16.3										
V533 Her	18 14 20.5	Na	CP	14.3	3.0		0.147	63.633 T						
N Her 1963	+41 51 23 1			16.0					1					
J0537-7034	05 37 44.6	SS		19.7			0.147					57.5	0.6	0.35
	-70 33 47 1								1			12.5	0.2	0.02
PX And	00 30 05.8	NL	SW	15.0			0.146353		1					
PG 0027+260	+26 17 27 1	SH	NS	17.0			0.1595		1					
V382 Vel	10 44 48.3	Na		16.6	2.7		0.14615							
N Vel 1999	-52 25 30													
J1007-2017	10 07 34.6	NL	AM	18.0			0.1458							
	-20 17 33 1								1					
0422-2014	04 24 41.1	NL	UX	11.4			0.14562							
	-20 07 12 1	NS					0.1383		1					
V500 Aql	19 52 28.0	Na		19.3	6.6		0.1452		1					
N Aql 1943	+08 28 46 1													
J2316-0527	23 16 03.6	NL	AM	18.0			0.1451 :							
USS 046	-05 27 08 1													

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
RR Pic	06 35 36.1	Nb	12.0	1.0		0.145025		1			65 :	0.95 :	0.4 :
N Pic 1925	-62 38 24 1		12.5					1					
VZ Scl	23 50 09.2	NL VY	15.6	>18.		0.144622		1		0.7 :	90 :	1 :	0.4 :
	-26 22 53 1		18.1					1					
V751 Cyg	20 52 12.8	NL VY	13.2	17.5		0.144464							
	+44 19 26 1	NS SS	14.5			0.1394							
1000+6643	10 04 34.7	NL VY	14.6			0.1444							
PG 1000+667	+66 29 15 1		15.6					1					
V1101 Aql	20 13 04.0	DN?	14.3			0.1442							
	+15 35 47 1		14.7										
UU Col	05 12 13.1	NL IP	17.6			0.144	863.5						
J0512-3241	-32 41 39 1												
0551+7241	05 57 24.0	NL IP?	16.7			0.143	3000 :	1?					
	+72 41 52 1		19.5					1					
J1910+2856	19 10 59.4	DN	>18.5	15.7		0.1429							
	+28 56 39 1							1					
V2400 Oph	17 12 36.4	NL IP	14.2			0.142 :	927.6						
J1712-2414	-24 14 45 1		14.6				1003						
0556-5935	05 57 12.7	NL UX	14.3			0.142							
	-59 35 26 1							1					
DN Lyn	07 31 42.5		16.9B			0.142		1					
0728+4739	+47 33 23 1												
0511-7955	05 07 53.6	NL NS	14.8			0.141466		1					
	-79 51 24 1					0.1368		1					
MN Hya	09 29 07.1	NL AM	17.0			0.141244		1	M3-4/5		74		
J0929-2404	-24 05 05 1										4		

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
V849 Her	16 35 45.7		15.0			0.1409 :							
PG 1633+115	+11 24 58 1												
J2157+0855	21 57 32.4	NL AM	18.7			0.14063							
	+08 55 14 1							1					
J1422-0221	14 22 56.4	NL AM	19.4B			0.1404 :							
	-02 21 07 1												
J0439-6809	04 39 49.7	SS	21.6			0.1403 :							
	-68 09 02 1												
V1223 Sgr	18 55 02.2	NL IP	12.3			0.140244	746.				21	0.5	0.4
	-31 09 49 1		>16.8				794.38	1			6	0.1	
V1432 Aql	19 40 11.5	NL AM	14.9			0.140235		1	M4/5				
J1940-1025	-10 25 25 1	AS IP?	18.0			0.140630		1					
RR Cha	13 26 24.2	Na SH	20.1B	7.1		0.1401	1950	1					
N Cha 1935	-82 19 43 1	NS IP				0.1444							
V909 Sgr	18 25 52.3	Na	20.	6.8		0.14 :		1					
N Sgr 1941	-35 01 27												
BO Cet	02 06 39.2	NL	14.2			0.13980		1?					
	-02 03 43 1		15.4										
BY Cam	05 42 48.9	NL AM	14.6	17.5		0.13979	11846.4					1.13	
H 0538+608	+60 51 32 1	AS				0.138434	627264.	1				0.13	
V1315 Aql	19 13 54.5	NL UX	14.4			0.139690		1		2.9	82	0.73	0.30
KPD 1911+121	+12 18 03 1	SW	16.3					1		1.1	4	0.30	0.01
V1500 Cyg	21 11 36.6	Na NL	17.2	2.2		0.139613						>0.9	
N Cyg 1975	+48 09 02 1	AM AS	18.6			0.137171		1					
WX Ari	02 47 36.2	NL UX	15.3			0.139351		1			72 :		
PG 0244+104	+10 35 39 1	SW	15.8					1					

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
DY Pup	08 13 48.4	Nb		19.6	7.		0.139		1					
N Pup 1902	-26 33 57 1													
V603 Aql	18 48 54.6	Na	SH	11.4	-1.1		0.1385	11590.			4.2	13	1.2	0.29
N Aql 1918	+00 35 03 1	NS		11.9			0.14646		1		0.9	2	0.2	0.04
V1668 Cyg	21 42 35.2	Na		19.9B	6.7		0.1384		1					
N Cyg 1978	+44 01 55 1			21. :										
1933+5100	19 34 36.1	NL		17.3			0.138 :							
1H 1929+509	+51 07 41 1													
TT Ari	02 06 53.1	NL	VY	9.5	14.5		0.137550			M3.5/5				
	+15 17 43 1	SH	NS	12.3	16.5		0.148815		1					
DW UMa	10 33 53.0	NL	UX	14.9	18.		0.136606		1	M3-9	2.6	82	0.77	0.30
PG 1030+590	+58 46 55 1	SW	NS	16.4					1		0.8	4	0.07	0.10
HL Aqr	22 20 26.9	NL	UX	13.5			0.1356							
PHL 227	+02 00 54 1								1					
CV 496-083		NL	SW?				0.135		1					
SW Sex	10 15 09.4	NL	UX	14.8B			0.134938		1			>75	0.5	<0.3
PG 1012-029	-03 08 34 1	SW		16.7B					1					
BG CMi	07 31 29.0	NL	IP	14.3			0.134749	847.03				33	0.8	0.38
3A 0729+103	+09 56 23 1			15.4				913.507	1			13	0.2	
V1494 Aql	19 23 05.4	Na		17.4B	4.0		0.134619		1					
N Aql 1999#2	+04 57 20 1													
MV Lyr	19 07 16.3	NL	VY	12.1	17.7		0.132335			M5/5				0.17 :
	+44 01 08 1	SH?		14.1	18. B		0.1377		1					
J1610+0352	16 10 07.5	NL	AM	15.9			0.1322							
	+03 52 33 1								1					

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
V1033 Cen	11 41 22.9	NL	AM	17. B			0.131518							
J1141-6410	-64 10 14 1								1					
AM Her	18 16 13.3	NL	AM	12.0	15.0		0.128927			M5+/5		37	1.22	
	+49 52 04 1			13.5	15.5				1			4	0.08	
DN Gem	06 54 54.4	Na		15.8	3.5		0.127844							
N Gem 1912	+32 08 27 1													
AH Men	06 11 44.1	NL	SH	13.2			0.12721							
H 0616-818	-81 49 24 1	NS		14.0			0.1385		1					
BX Pup	07 54 15.6	DN	ZC	16.8	13.8	18	0.127							
	-24 19 36 1													
J0230-6842	02 30 51.1	NL	AM	16.			0.12625							
	-68 42 05 1			18.										
V4633 Sgr	18 21 40.5	Na	SH	14.5	7.4		0.125576							
N Sgr 1998	-27 31 38 1						0.1285							
UZ Boo	14 44 01.3	DN	SU?	19.8	11.5	360:	0.125 :							
	+22 00 56 1	WZ?		20.4										
V442 Oph	17 32 15.1	NL	VY	12.6	14.0		0.12433							
	-16 15 22 1	SW	NS		15.5		0.12090		1					
DM Gem	06 44 12.1	Na		17.4	4.8		0.1228 :							
N Gem 1903#1	+29 56 42 1													
LQ Peg	21 36 19.1	NL	UX	14.7			0.121 :							
PG 2133+115	+11 40 55 1													
J1643+3402	16 43 45.7	NL	SW	12.5			0.12056							
	+34 02 40 1	NS		12.7			0.11696		1					
V478 Her	17 21 05.6	DN	SU	17.1:	15.5:		0.120 *							
	+23 39 40 1						0.129 :							

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
HY Eri	05 01 46.3	NL	AM	17.5			0.118969		1		1.20	75	0.45	0.36
J0501-0359	-03 59 21 1								1		0.22	3	0.09	
V351 Pup	08 11 38.3	Na		21.	6.4		0.1182		1					
N Pup 1991	-35 07 31 1													
V630 Sgr	18 08 48.3	Na	SH	17.4	4.5		0.1180		1					
N Sgr 1936#4	-34 20 21 1			18.1			0.1242							
V2214 Oph	17 12 01.6	Na		20.5	8.0		0.117515							
N Oph 1988	-29 37 33 1													
TU Men	04 41 40.7	DN	SU	18.5	11.6	37	0.1172							
	-76 36 46 1				12.5	202	0.1262		1					
WX LMi	10 26 27.5	NL	AM		17.0		0.115923			M4.5/5				
1023+3900	+38 45 04 1				17.7									
V592 Cas	00 20 52.2	NL	UX	12.6			0.115063	1296						
LS I 55-8	+55 42 17 1	SH	IP?	12.8			0.12228		1					
V405 Vul	19 53 05.0	DN	SU	19.0		84	0.113 *							
J1953+2114	+21 14 49 1				15.		0.1205							
QU Vul	20 26 46.0	Na		18.3	5.6		0.111765		1					
N Vul 1984#2	+27 50 43 1													
V349 Pav	20 08 55.8	NL	AM	18			0.1109							
DR V211b	-65 27 43 1			19.5										
J0524+4244	05 24 30.5	NL	AM	16.3B			0.109							
	+42 44 51 1	AS					0.101							
V795 Her	17 12 56.1	NL	SH	12.5B			0.108247							
PG 1711+336	+33 31 21 1	SW		13.2B			0.116486		1					
J1324+0320	13 24 11.6	NL	AM				0.108 :							
	+03 20 51 1													

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.		3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.		4. Per.	SB	Spectr1				
V Per	02 01 53.9	N	NL	18.0	9.2		0.107126			1					
N Per 1887	+56 44 04 1			18.5											
J1554+2721	15 54 12.3	NL	AM	17.0			0.105462				M4/5				
	+27 21 52 1			17.2						1					
V348 Pup	07 12 32.9	NL	SW	15.5			0.101839			1		3.2	81.1	0.65	0.20
1H 0709-360	-36 05 40 1	SH		17.0			0.108567			1			1.0		
Var 73 Dra	20 23 38.3	DN	SU	19.5R		7-8	0.1012	*							
	+64 36 27 1	ER			15.8B	60	0.1069								
NY Ser	15 13 02.3	DN	SU	18.2		6-9	0.100	*							
PG 1510+234	+23 15 08 1				14.5	85	0.1064								
DD Cir	14 23 23.5	Na		20.2	7.7		0.0975								
N Cir 1999	-69 08 45 1														
QS Tel	19 38 35.7	NL	AM	15.2	17.4		0.097187				M4.5/5				
J1938-4612	-46 12 57 1			15.8						1					
V381 Vel	10 16 58.9	NL	AM		18.5		0.096				M4.5/5:				
J1016-4103	-41 03 45 1														
V516 Pup	08 03 45.5	NL	AM	16.2B			0.0952								
J0803-4748	-47 48 45 1			18.5B											
V725 Aql	19 56 45.1	DN	SU	19.3R			0.0944	*							
	+10 49 32 1				13.3	>1000	0.0991								
UW Pic	05 31 35.6	NL	AM	16.4			0.09268				M4.5/5				
J0531-4624	-46 24 06 1			17.2											
V419 Lyr	19 10 13.9	DN	SU	19.0	14.7		0.091	*							
	+29 06 14 1				14.0		0.0953	:							
V589 Her	16 22 07.2	DN	SU	>17.5			0.0905	*							
	+18 22 36 1				14.1		0.0947								

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
J1846+5538	18 46 58.9	NL AM	20.	17.2		0.089387							
	+55 38 29 1												
GX Cas	00 49 01.5	DN SU	18.5		50-70	0.0890							
	+56 52 45 1			13.3	386	0.09297		1					
J1300-3052	13 00 29.1	DN SU?	18.1	15.6		0.08893		2					
	-30 52 57		21.6										
UV Gem	06 38 44.1	DN SU	19.	15.8	54	0.0886 *							
	+18 16 11 1			14.7B		0.0926							
UZ For	03 35 28.6	NL AM	17.	18.2		0.087865		1	M4.5/5		81	0.44	
EXO 0333-255	-25 44 23 1			20.5				1			2	0.15	
GZ Cnc	09 15 51.7	DN UG?	15.4	13.1		0.0878							
	+09 00 50 1							1					
V344 Lyr	18 44 39.2	DN SU	19.5	14.5	13-19	0.0876 *							
	+43 22 28 1			14.0	110	0.09145							
EU Cnc	08 51 27.2	NL AM	20.4			0.0871							
	+11 46 57 1		21.0										
IR Com	12 39 32.0	DN SU	16.9	13.5		0.087039		1					
S 10932 Com	+21 08 06 1		19.0										
DM Dra	15 34 12.1	DN SU	20.7	15.5		0.087 :							
	+59 48 32 1					0.07561							
HU Aqr	21 07 58.3	NL AM	14.7	17.7		0.086820		1	M6/5	3.88	83	0.75	0.19
J2107-0517	-05 17 39 1			20.				1		0.06	3		
YZ Cnc	08 10 56.6	DN SU	15.0	11.9	6-16	0.0868				4.5	38	0.82	0.17
	+28 08 34 1		15.5	11.0	134	0.09204		1			3	0.08	
DV UMa	09 46 36.7	DN SU	18.3	15.4	770	0.085853		2	M4.5/5	6.5	84.0	0.90	0.14
US 943	+44 46 45 1		20.5	14.0		0.0887				0.6	0.8	0.13	0.02

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
BF Ara	17 38 21.3	DN SU	15.3			0.08459 *							
	-47 10 41 1	ER		13.8	83	0.08805							
TY PsA	22 49 39.9	DN SU	15.9		30-50	0.0841		D					
PS 74	-27 06 54 1		17.	11.8	202	0.08765		1					
KK Tel	20 28 38.5	DN SU	19.2			0.084							
	-52 18 45 1		19.6	13.5	394	0.08803							
EF Peg	21 15 04	DN SU	18.5			0.0837 *			M5/5	3.8		0.65 :	0.17 :
	+14 03 50			10.7	254	0.08724							
V1007 Her	17 24 06.3	NL AM	17.6			0.083284					<78		
J1724+4114	+41 14 09 1												
QZ Ser	15 56 54.5	DN	17.7	12.7		0.083161			K2-6				
	+21 07 20 1							1					
HV Aur	04 53 16.8	DN SU	>19.	15.0		0.0823 *							
	+38 16 29 1					0.0855							
TU Crt	11 03 36.5	DN SU	17.5			0.08209							
	-21 37 46 1			12.1		0.08535		1					
V369 Peg	23 03 41.8	DN SU	18.2B			0.0817 *							
	+17 17 56 1			15.8B		0.0848							
CP Dra	10 15 39.8	DN SU	20.	15.1		0.08161 *							
	+73 26 05 1			14.3		0.08473							
V1974 Cyg	20 30 31.7	Na SH	15.4	4.4		0.081260							
N Cyg 1992	+52 37 51 1	NS				0.08522							
V877 Ara	17 16 53.9	DN SU	20.3			0.08106 *							
	-65 32 52 1			13.5	330:	0.08411							
RX Cha	10 36 26.3	DN SU	>22.			0.081 *							
	-80 92 48 1			14.4		0.084							

Object Name / Altern.Name	Coordinates (J2000)	Type		mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
AR UMa	11 15 44.7	NL	AM	13.3	16.5		0.080501			M5-7/5		50		
	+42 58 23 1			14.0								10		
WW Hor	02 36 11.5	NL	AM	17.6	19.5		0.080199		1	M6/5 :	5.8 :	84	1.1 :	0.19 :
EXO 0234-523	-52 19 14 1			18.1	21.6				1		1.3	2	0.2	0.02
AN UMa	11 04 25.7	NL	AM	14.5	16.0		0.079753							
PG 1101+453	+45 03 15 1				18.9B				1					
RS Car	11 08 05.9	N	SH?	17.9	7.0:		0.0795 *							
N Car 1895	-61 56 08 1						0.08238 :							
BR Lup	15 35 53.1	DN	SU	18.4		26	0.0795							
	-40 34 05 1				13.1		0.0822		1					
EK UMa	10 51 35.2	NL	AM		18.		0.07948					56		
1E 1048+542	+54 04 36 1				20.0							18		
AB Nor	15 49 15.5	DN	SU	>16 2			0.0792 *							
	-43 04 49 1				13.9		0.0820							
ST LMi	11 05 39.8	NL	AM	15.0			0.079089			M5-6/5	4.5	56	0.76	0.17
CW 1103+254	+25 06 29 1			17.2					1		1.0	4	0.30	0.07
BL Hyi	01 41 00.3	NL	AM	14.3	16.9		0.078915			M3-4/5		70		
H 0139-68	-67 53 28 1			16.4	17.4				1			10		
MR Ser	15 52 47.2	NL	AM	14.9	17.		0.078798			M5-6/5				
PG 1550+191	+18 56 28 1			15.8					1					
CU Vel	08 58 32.9	DN	SU	17.0		75	0.0785			M5	8.7	59	1.23	0.15
	-41 47 51 1				10.7	393	0.08090		1		0.4	6	0.23	0.03
V884 Her	18 02 06.5	NL	AM	15.			0.078480		1					
J1802+1804	+18 04 43 1								1					
V2301 Oph	18 00 35.6	NL	AM	16.1	21.		0.078450		1	M6/5		80	0.9	0.19
1H 1752+081	+08 10 13 1			16.7					1			2	0.1	

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.		3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.		4. Per.	SB	Spectr1				
BZ Cir	14 54 15.4			18.2			0.0784	:							
1449-6804	-68 16 19 1														
V660 Her	17 42 09.2	DN	SU	19.0			0.07826								
	+23 48 31 1				14.3		0.075			1					
V359 Cen	11 58 15.3	N?	DN	18.7			0.0779								
N Cen 1929	-41 46 10 1	SU			13.8	352:	0.08092								
V503 Cyg	20 27 17.4	DN	SU	17.4		7-9	0.0777								
	+43 41 23 1	NS		17.6	14.0	89	0.0597								
PV Per	02 42 53.5	DN	SU	>20.		36	0.0777	*							
	+38 04 04 1				14.9		0.0804								
DH Aql	19 26 10.8	DN	SU	18.3		66	0.077381	*							
	-10 15 29 1			18.5	12.4	300	0.080029								
CD Ind	21 15 41.0	NL	AM	16.2			0.077006								
J2115-5840	-58 40 54 1	AS		17.4			0.076074								
TT Boo	14 57 44.7	DN	SU	19.2		40	0.077	:							
	+40 43 42 1				12.7	245	0.07811								
HS Vir	13 43 38.4	DN	SU	16.6	14.6	8	0.07692								
PG 1341-079	-08 14 03 1				13.6	371:	0.08059			1					
AW Gem	07 22 40.6	DN	SU	18.8	13.8	98	0.07684	*							
	+28 30 16 1			19.4	13.1	410	0.07943								
V1113 Cyg	19 22 42.1	DN	SU	18.6		28	0.0766	*							
	+52 44 00 1			20.8	13.6	190	0.0792								
J1730+6247	17 30 08.3	DN	SU	15.9			0.07653								
	+62 47 55 1				13.3		0.07931			1					
V630 Cyg	21 34 59.2	DN	SU	17.2	14.1	30-50	0.0764	*							
	+40 40 19 1				13.8	290	0.0789								

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
SU UMa	08 12 28.2	DN	SU	14.2	12.2	5-33	0.07635							
PG 0808+627	+62 36 23 1			15.0	11.3	160	0.07904		1					
RZ Leo	11 37 22.3	DN	SU	18.4			0.0763			M5				
	+01 48 58 1	WZ		19.3	11.2		0.07853		1					
T Pyx	09 04 41.5	Nr	SS	15.3B	6.5		0.076223							
	-32 22 47 1			15.6B			0.1098		1					
QY Per	03 15 36.8	DN	SU	21.0	14.1	370:	0.0761 *							
	+42 82 14 2				13.5		0.07861							
WY Tri	02 25 00.5	DN	SU	19.1			0.07597 *							
	+32 59 56 1				13.8		0.07847							
V893 Sco	16 15 15.1	DN	SU?	15.5	12.5		0.075962		1		5.3	72.5	0.89	0.175
	-28 37 31 1								1					
CE Gru	21 37 56.4	NL	AM	18.0	20.7B		0.0754							
Gru V1	-43 42 13 1			18.5										
BE Oct	00 00 48.8	DN	SU	19.4			0.075 *							
	-77 18 57 1				15.9		0.077							
FT Cam	03 21 14.4	DN	SU?	17.5	14.7		0.07499 :							
	+61 05 27 1								1					
BK Lyn	09 20 11.2	NL	SH	14.1			0.07498							
PG 0917+342	+33 56 42 1			16.5			0.07857		1					
WX Hyi	02 09 50.7	DN	SU	14.7	12.5	11	0.074813				5.5	40	0.9	0.16
	-63 18 40 1			14.9	11.4	180	0.07737		1		1.5	10	0.3	0.05
LY Hya	13 31 53.8	DN		14.4			0.0748							
1329-2925	-29 40 59 1			18.4					1					
QW Ser	15 26 14.0	DN	SU	18.			0.0745							
	+08 18 02 1				12.4		0.0773		1					

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
Z Cha	08 07 28.2	DN SU	15.3	12.4	17	0.074499		2	M5.5/5	6.7	81.8	0.84	0.125
	-76 32 01 1		17.2	11.9	229	0.07740		2		0.2	0.1	0.09	0.014
J1002-1925	10 02 11.7	NL AM	17.0	20.4		0.0743							
	-19 25 38 1												
VW Hyi	04 09 11.3	DN SU	13.8	9.5	28	0.074271				6	60	0.63	0.11
	-71 17 41 1		14.0	8.7	183	0.07714		1		1	10	0.15	0.02
IY UMa	10 43 57.0	DN SU	17.3		69	0.073909		2	M4/5	8.0	86.0	0.79	0.10
Tmz V85	+58 07 33 1		19.3	13.0	286	0.07599				0.5	1.0	0.04	0.01
V1251 Cyg	21 40 54.4	DN SU	19. :			0.07376 *							
	+48 39 43 1			12.5	1160	0.07604							
HT Cas	01 10 13.0	DN SU	16.4	10.8	400	0.073647		2	M5-6/5	6.7	81	0.61	0.09
	+60 04 36 1		18.4			0.076077		1		1.4	1	0.04	0.02
CC Cnc	08 36 19.2	DN UG	17.4			0.07352							
	+21 21 05 1		18.8	13.2		0.07552		1					
VZ Pyx	08 59 19.9	DN SU	13.5	12.5		0.07332							
1H 0857-242	-24 28 55 1	IP?	15.8	11.8	270	0.07576	2925 :	1					
AY Lyr	18 44 26.7	DN SU	18.4	13.2	19-32	0.0733 *							
	+37 59 52 1			12.4	210	0.0756							
OU Vir	14 35 00.1	DN SU	18.5B		< 79	0.07273		1					
J1435-0046	-00 46 07 1			14.9	>411	0.078							
EP Dra	19 07 06.1	NL AM	17.6			0.072656		1		3.2	80 :	0.43	0.13
H 1907+690	+69 08 42 1		>21							0.5		0.07	
KV And	02 17 13.8	DN SU	22.5:	14.6	18-55	0.0722 *							
	+40 41 31 1			13.6	270:	0.0743							
VW CrB	16 00 03.8	DN SU	>17.5	15.8		0.0722 *							
	+33 11 15 1			14.		0.0743							

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
J0953+1458	09 53 08.1	NL AM	17.3			0.072049							
	+14 58 36 1												
FO And	01 15 32.1	DN SU	17.5		15-23	0.07161							
	+37 37 36 1			13.9	120	0.07411		1					
GD 552	22 50 39.6	DN?	16.5			0.07134				14.	20 :	1.4 :	0.1 :
	+63 28 39 1							1		3.			
PU Per	02 42 16.1	DN SU	<20.	15.2		0.0713 *							
	+35 40 46 1				330:	0.0733 :							
RS Cae	04 53 25.5	NL AM	18.4			0.0708 :							
J0453-4213	-42 13 40 1		19.6					1					
V834 Cen	14 09 07.5	NL AM	14.2	17.		0.070498			M6.5/5		50	0.66	
1E 1405-451	-45 17 17 1		16.0					1			10	0.18	
AW Sge	19 58 37.1	DN SU	>17.5B			0.07 *							
	+16 41 29 1			14.7		0.07							
J1928-5001	19 28 28	NL AM?				0.070							
	-50 01 54												
VV Pup	08 15 06.7	NL AM	14.5	17.5		0.069747			M4-6/5	5.5	73		
	-19 03 17 1		16.0	18.0				1			3		
V1504 Cyg	19 28 56.5	DN SU	17.4	14.5		0.06951							
	+43 05 37 1			13.8	137	0.0690		1					
J0820+4934	08 20 51.0	NL AM	18.0			0.06901							
	+49 34 31 1		19.3										
CF Gru	21 41 23.0	DN UG	19.9			0.069 :							
2138-4518	-45 04 31 1		20.2										
V544 Her	16 38 05.4	DN UG	20. :	14.5		0.069 :							
	+08 37 58 1												

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
J2303+0106	23 03 51.7	DN		17.3R			0.069							
	+01 06 52 1			18.6R					1					
V1208 Tau	04 59 44.0	DN	SU	>18.3			0.0689 *							
J0459+1926	+19 26 23 1						0.07068							
V393 Pav	19 57 11.5	NL	AM	18.			0.068625							
J1957-5738	-57 38 22 1								1					
IR Gem	06 47 34.6	DN	SU	16.3	11.7	26	0.0684							
	+28 06 23 1			17.0	11.4	183	0.07094		1					
TY Psc	01 25 39.4	DN	SU	15.3	12.2	39	0.06833							
	+32 23 10 1			17.4	11.7	333	0.0708		1					
RZ Sge	20 03 18.5	DN	SU	16.9	12.8	62-93	0.06828							
	+17 02 53 1			17.4	12.2	266	0.0704		1					
EX Hya	12 52 24.4	NL	IP	13.0	10.0	574	0.068234	4021.62	1	M3-5/5	5.2	77	0.49	0.095
	-29 14 57 1			14.1					1		0.8	1	0.03	0.013
HS Cam	07 19 14.5	NL	AM	17.			0.068207		1	M4-6/5	5.0	79	0.75	0.13
J0719+6557	+65 57 45 1			19.					1		1.7	3	0.10	0.05
KS UMa	10 20 26.5	DN	SU	17.0			0.0680							
1017+5319	+53 04 33 1				12.7		0.0697		1					
BZ UMa	08 53 44.1	DN	SU?	15.2	10.2	181	0.06799			M5-6/5				
PG 0849+580	+57 48 41 1			15.9			0.0657 :		1					
CY UMa	10 56 57.1	DN	SU	17.0	13.5	80	0.06795							
	+49 41 19 1			17.8	12.3	300	0.07210		1					
SS UMi	15 51 22.2	DN	SU	16.7		11	0.06778							
PG 1551+719	+71 45 12 1	ER		17.6	13.6	85	0.0699		1					
J0704+6203	07 04 09.9	NL	AM	17.2	19.3R		0.067547							
	+62 03 28 1			19.8	20.3R				1					

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.		3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.		4. Per.	SB	Spectr1				
SX LMi	10 54 30.4	DN	SU	17.6	13.6	34-64	0.0672								
CBS 31	+30 06 10 1				13.3	250	0.0689			1					
V701 Tau	03 44 01.9	DN	SU	>21.			0.067	*							
	+21 57 08 1				14.1		0.068	:							
V550 Cyg	20 05 05.3	DN	SU	>17.			0.0666	*							
	+32 21 22 1				14.2		0.0682	:							
CAL 86	05 46 15.3	DN		19.0	13.5		0.0660	:							
	-68 35 24 1									1					
GO Com	12 56 37.1	DN	SU	20.0	13.2		0.0658								
	+26 36 44 1				13.1										
J1039-0506	10 39 47.0	NL	IP	17.4			0.065597		1444						
	-05 06 58 1			18.5											
IX Dra	18 12 31.4	DN	SU	17.5		3-4	0.0655	*							
	+67 04 46 1	ER			15.0	53	0.06700								
DM Lyr	18 58 44.4	DN	SU	18.			0.065409								
	+30 15 33 1				13.6	230	0.067			1					
AO Oct	21 05 08.2	DN	SU	>22.0			0.0653								
	-75 21 02 1	WZ			13.5		0.0667								
CT Hya	08 51 07.4	DN	SU	19.9			0.06514	*							
	+03 08 34				14.0		0.06664								
AK Cnc	08 55 21.2	DN	SU	18.9			0.0651								
	+11 18 15 1				12.8		0.06749								
UV Per	02 10 08.3	DN	SU	17.1		390	0.0649								
	+57 11 21 1			17.9	11.7	960	0.06641			1					
AQ CMi	07 14 34.8	DN	SU	18.3			0.0646	*							
	+08 48 06 1				14.4		0.0661								

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	mag3 / mag4	T1 / T2	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
EQ Cet	01 28 52.5	NL AM	17.5	18.9		0.064455			M6/5				
J0128-2339	-23 39 43 1		18.0					1					
ER UMa	09 47 11.8	DN SU	15.8	13.4	4-5	0.06366							
PG 0943+521	+51 54 09 1	ER		12.9	43	0.06558		1					
TV Crv	12 20 24.2	DN SU	19.0			0.06355 *							
N Crv 1931	-18 27 02 1			12.2		0.06492							
J1131+4322	11 31 22.4	DN SU	>14.6			0.06325 *							
	+43 22 38 1			12.3		0.06495							
OY Car	10 06 22.4	DN SU	15.3	12.4	14	0.063121		2	M6/5	9.8	83.3	0.685	0.070
	-70 14 05 1		17.3	11.4	325	0.064544		1		0.3	0.2	0.011	0.002
J1125-0016	11 25 55.7	DN	19.7B			0.0631							
	-00 16 38 1												
VY Aqr	21 12 09.2	DN SU	17.1	10.5	350	0.06309			M9.5				
	-08 49 37 1	WZ	17.5	8.0B	800	0.0645		1					
EK TrA	15 14 01.0	DN SU	>17	12.1	167	0.06288				5.0 :	58 :	0.46 :	0.09 :
	-65 05 35 3			12.0	531	0.06492		1		0.8	7	0.10	0.02
BC UMa	11 52 15.9	DN SU	18.6			0.06260							
	+49 14 42 1					0.0619		1					
EU UMa	11 49 55.7	NL AM	16.5B			0.06260							
RE J1149+28	+28 45 08 1		16.8B										
V347 Pav	18 44 48.3	NL AM	15.2			0.062553					68		
J1844-7418	-74 18 34 1		17.6								4		
V436 Cen	11 14 00.1	DN SU	15.3	12.4	85	0.062501				4 :	65 :	0.7 :	0.17 :
	-37 40 49 1		15.5	11.3	404	0.063785		1		1	5	0.1	
HO Del	20 36 55.5	DN SU	17.8			0.0625							
	+14 03 09 1			13.5	730	0.063262		1					

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
V2051 Oph	17 08 19.1	DN	SU	15.0	13.0	45	0.062430	56.12	2		5.3	83	0.78	0.15
	-25 48 31 1			17.5	11.7	201	0.06423		1		0.8	2	0.06	0.03
DP Leo	11 17 16.0	NL	AM	17.5B	19.5		0.062363		1		8.7 :	81 :	1.2 :	0.14 :
1E 1114+182	+17 57 41 1			19.5B	>22						2.4	1	0.2	0.02
CG CMa	07 04 05.2	DN	SU	>22.			0.0623 *							
	-23 45 34 1	WZ			13.7		0.0636							
V1159 Ori	05 28 59.5	DN	SU	13.6	12.0	4	0.062178							
	-03 33 53 1	ER	NS	15.4	11.2	45-53	0.06861		1					
V402 And	00 11 07.3	DN	SU	>20.3B			0.0621 *							
	+30 32 36 1				15.3		0.0634							
V1141 Aql	19 37 09.8	DN	SU	19.5			0.062 *							
	+02 36 01 1				14.5		0.063							
CP Tuc	23 15 19.1	NL	AM	16.4			0.061832							
J2315-5910	-59 10 28 1								1					
J1050-1404	10 50 11.0	DN	WZ?	17.5			0.0615 :							
	-14 04 37 1			17.8					1					
CP Pup	08 11 46.0	Na	SH	15.0	0.5		0.06143							
N Pup 1942	-35 21 06 1						0.0625		1					
V4140 Sgr	19 58 49.7	DN	SU?	17.5	15.5		0.061430		1					
NSV 12615	-38 56 12 1			19.0					1					
XZ Eri	04 11 25.8	DN	SU	18.8	14.6		0.0612		2					
	-15 23 24 1			20.6	13.5									
J1155-5641	11 55 27.1	DN	SU	13.6B	12.3		0.0610 *							
	-56 41 53 1				10.9		0.0622							
AQ Eri	05 06 13.0	DN	SU	17.7		78	0.06094							
	-04 08 07 1				12.5	300	0.0642		1					

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
J0425-1945	04 25 55.2	NL	AM	16.6			0.0605 :							
	-19 45 30 1			18.0										
V1028 Cyg	20 00 56.6	DN	SU	19.			0.06041 *							
	+56 56 37 1				13.0	1000	0.06154							
J0155+0028	01 55 43.4	NL		14.7R			0.0604		1					
	+00 28 07 1			17.6R					1					
KX Aql	19 33 53.7	DN	SU?	18.4	12.5		0.06035							
	+14 17 47 1								1					
MM Sco	17 30 45.3	DN	SU	18.5B			0.06020 *							
	-42 11 41 1				13.0B		0.06136							
CI UMa	10 18 13.0	DN	SU	19.1		34	0.060							
	+71 55 43 1				13.8	140	0.0625							
EG Cnc	08 43 04.0	DN	SU	19.3			0.0599							
	+27 51 50 1	WZ			11.4	7000	0.06036		1					
HT Cam	07 57 01.3	NL	IP	18.			0.059712							
J0757+6303	+63 06 01 1				12.9			515.059	1					
J0425-5714	04 25 38.7	NL	AM		19.1B		0.059598		1					
	-57 14 37 1													
FS Aur	05 47 48.3	DN	UG	16.2	14.4		0.0595							
	+28 35 11 1								1					
GQ Mus	11 52 02.5	Na	AM?	17.5	7.2		0.059365							
N Mus 1983	-67 12 20 1								1					
RW UMi	16 47 54.8	Nb	IP?	19.0	6.0		0.0591	2004						
N UMi 1956	+77 02 12 1			21.										
T Leo	11 38 27.0	DN	SU	15.2	11.0		0.05882				1.4	65	0.16	0.11
PG 1135+036	+03 22 08 1			15.9	10.0	420	0.06022		1		0.3	19	0.04	0.01

Object Name	Coordinates	Type		mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
V1025 Cen	12 38 16.5	NL	IP	16.1			0.05876 :	2146.6						
J1238-3842	-38 42 46 1													
KV Dra	14 50 38.3	DN	SU	17.1	15.1		0.058742							
J1450+6403	+64 03 28 1			18.1	14.0		0.06019		1					
J2315-3048	23 15 31.9	DN	SU	17.3	13.4		0.0587		1?					
	-30 48 46 1			17.6			0.078 :		1					
RZ LMi	09 51 49.0	DN	SU	17.0	15.0	3.8	0.0585 *							
PG 0948+344	+34 07 25 1	ER			14.2	19	0.05946							
WX Cet	01 17 04.2	DN	SU	17.5	9.5		0.0583							
N Cet 1963	-17 56 23 1	WZ		18.5		1000	0.05949		1					
HV Vir	13 21 03.2	DN	SU	19.0			0.05799			L5:				
N Vir 1929	+01 53 29 1	WZ			11.5	3500	0.05820							
MM Hya	09 14 14.0	DN	SU	18.7	14.2B		0.057591							
PG 0911-066	-06 47 45 1			18.9	13.8		0.05875							
SW UMa	08 36 42.8	DN	SU	16.5	10.6	30	0.056815	954			7.1	45	0.71	0.10
	+53 28 38 1			17.0	9.	353	0.05790		1		2.0	18	0.22	0.01
PU CMa	06 40 47.7	DN	SU	16.2	11.		0.056694							
	-24 23 14 1					377:			1					
WZ Sge	20 07 36.4	DN	SU	14.5			0.056688	28.95	1			75.9	0.74	0.045
	+17 42 15 1	WZ	CP	15.5	7. :	11900	0.05726	28.13	1	DAQZ5		0.3	0.07	0.003
AL Com	12 32 25.9	DN	SU	20.0	12.8	325	0.056668							<0.18
	+14 20 43 1	WZ		20.8	11.8	7000:	0.05735							
EF Eri	03 14 13.0	NL	AM	13.7	16.5B		0.056266		D	L4-5		52	0.91	
2A 0311-227	-22 35 41 1			15.5	18.2							5	0.09	
UW Tri	02 45 17.3	DN	SU	22.6B			0.0561 *							
N Tri 1983	+33 31 26 1	WZ		22.9B	14.7		0.0569 :							

Object Name Altern.Name	Coordinates (J2000)	Type		mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.		3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
CI Gru	21 33 06.8	DN		16.5B			0.056	:							
Hawkins V6	-42 28 52 1			18.5B											
HV And	00 40 55.3	NL		15.2			0.05599	:							
	+43 24 59 1			16.8B											
V592 Her	16 30 56.5	DN	SU	21.5R			0.05592	*		1					
	+21 16 58 1	WZ			12.3		0.05648								
J0154-5947	01 54 01.0	NL	AM	17.0	15.		0.0556	:							
	-59 47 49 2														
FH UMa	10 47 09.9	NL	AM	19.4			0.0556	:							
J1047+6335	+63 35 14 1														
GG Leo	10 15 34.7	NL	AM	18.8	16.		0.055471			D		9.4	63	1.0	0.09 :
J1015+0904	+09 04 42 1				17.					1		3.1	12	0.2	
EV UMa	13 07 53.9	NL	AM	17.	20.5		0.055338								
RE J1307+53	+53 51 30 1			18.	20.8										
V2176 Cyg	19 27 11.6	DN	SU	20.			0.0553	*							
J1927+5417	+54 17 52 1	WZ			13.3		0.0561								
LL And	00 41 51.5	DN	SU	19.9			0.055	*							
	+26 37 21 1				13.8	5000	0.057006								
V844 Her	16 25 01.7	DN	SU	17.5			0.054643								
	+39 09 27 1				12.5		0.05597			1					
DI UMa	09 12 16.2	DN	SU	18.0	16.0	4	0.054564								
	+50 53 55 1	ER			15.1	25	0.05529								
BW Scl	23 53 00.7	DN		16.4			0.054323								
J2353-3851	-38 51 46 1			16.5						1					
V4738 Sgr	20 22 37.5	NL	AM	18.5			0.054179								
J2022-3954	-39 54 13 1			19.5											

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
CV Hyi	01 32 42.0	NL AM	19.7			0.054049							
J0132-6554	-65 54 32 1												
GW Lib	15 19 55.5	DN SU	18.5	9.		0.05332							
	-25 00 25 1	WZ ZZ						1	DAZQ				
CE 315	13 12 46.9	NL AC	17.7			0.04521							
	-23 21 31 1							1					
J2329+0628	23 29 54.3	DN SU	16.2			0.044567			K2-6	5.3	50	0.65	0.13
	+06 28 11 1			12.7B		0.04654		2		0.6	5	0.11	0.03
V485 Cen	12 57 23.3	DN SU?	18.2	14.	148	0.040995							
	-33 12 07 1					0.04209		1					
GP Com	13 05 42.9	NL AC	15.7			0.032339					50. :	>0.55 :	
G61-29	+18 01 03 1		16.0					1					
CP Eri	03 10 32.8	NL AC	19.7	16.5		0.01995							
	-09 45 05 1												
V803 Cen	13 23 44.5	DN SU	16.8			0.01865 :							
AE 1	-41 44 30 1	ER AC		12.2	77								
J1832-0840	18 32 19.0	NL? AC?				0.017929:							
	-08 40 08												
CR Boo	13 48 55.3	DN SU	17.5	14.0	4-8	0.017029							
PG 1346+082	+07 57 35 1	ER AC		13.0	46	0.017214							
KL Dra	19 24 38.2	DN SU	19.4B			0.015993				13		0.67	0.057
	+59 41 47 1	AC		16.4		0.017718							
HP Lib	15 35 53.1	NL AC	13.7			0.012763							
EC 1533-1403	-14 13 12 1					0.01295							
AM CVn	12 34 54.6	NL AC	14.1			0.011907							
HZ 29	+37 37 43 1	SH NS	14.2			0.012166		1					

Object Name	Coordinates	Type	mag1	mag3	T1	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)		mag2	mag4	T2	2. Per.	4. Per.	SB	Spectr1				
0158-0939	02 00 52.2	NL AC	16.7			0.007 :							
Cet 3	-09 24 32 1	SH	17.0			0.007179							
V407 Vul	19 14 26.1	NL AC	16.6I			0.006590							
J1914+2456	+24 56 43 1	AM? DA?	18.2										
J0806+1527	08 06 23.0	NL AC	21.1			0.003722							0.12
	+15 27 31 1												
J0043+4117	00 43 19.8	NL IP					865.5						
	+41 17 58 1	SS											
WX Pyx	08 33 05.7	NL IP	17.7				1557.5						
0830-2238	-22 48 32 1												

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Low–Mass X–ray Binaries

Object Name	Coordinates	Type		mag1	mag3	LX/LO	Orb.Per.		3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T1	2. Per.		4. Per.	SB	Spectr1				
V1487 Aql	19 15 11.5	XT	BH				33.5				K-M/3		70	14	1.2
GRS 1915+105	+10 56 45 1												2	4	0.2
1811-1710	18 14 31.0	AS	XB?				25.0	:			K5/4				
GX 13+1	-17 09 26 1														
1758-2544	18 01 12.4	XT	BH?				18.5				K0/III				
	-25 44 36 1														
V395 Car	09 22 34.7	DC		15.5B		1.6	13.25	:		1	K0/III				
2S 0921-630	-63 17 41 1			18.0B						1					
1740-2943	17 43 54.8	XT	BH?				12.73								
	-29 44 43 1														
J1744-2844	17 44 33.1	XT	XB				11.8367		0.46709						
	-28 44 27 1	XP								1					
0042+3244	00 44 48.8	XT		18.8			11.6	:							
4U 0042+32	+33 00 33 2			19.3											
V1341 Cyg	21 44 41.1	ZS	XB	14.5		140	9.8444				A8-F0/3	2.9	62.5	1.78	0.60
Cyg X-2	+38 19 18 1			14.9			77.8			1		0.1	4.0	0.23	0.13
V404 Cyg	20 24 03.8	XT	BH	19.2	11.6		6.4714				K0/3-5	16.7	56	10.	0.65
GS 2023+338	+33 52 03 1						0.23585			1		1.5	4	2.	0.25
V1055 Ori	06 17 07.3	XB		18.5		1200	4.898	:							
2S 0614+091	+09 08 13 1														
V4641 Sgr	18 19 21.6	XT	BH	13.5	12.4		2.81737				B9/3	1.50	65	10.2	6.8
	-25 24 25 1			>17.						1		0.13	5	1.5	1.3
V1033 Sco	16 54 00.1	XT	BH	17.2	14.0		2.6219			1	F6/4	2.39	70.2	6.59	2.76
GRO J1654-40	-39 50 45 1			>18.						2		0.16	1.6	0.45	0.33

Object Name / Altern.Name	Coordinates (J2000)	Type		mag1 / mag2	mag3 / mag4	LX/LO / T1	Orb.Per. / 2. Per.	3. Per. / 4. Per.	EB / SB	Spectr2 / Spectr1	M1/M2	Incl	M1	M2
BW Cir	13 58 09.9	XT		22. :	16.9		1.92 :							
1354-6429	-64 44 05 1													
V381 Nor	15 50 58.8	XT	BH?	21.4	16.0		1.552			G8/4	8.5	73.5	10.6	1.3
J1550-5628	-56 28 35 1			22.2					1		2.5	2.5	1.0	0.35
J1324-6200	13 24 23	XP					1.13 :	171.245						
	-62 00 49													
IL Lup	15 47 08.2	XT	BH	16.7	14.9		1.123			A2/5		29	5.2	2.45
4U 1543-47	-47 40 10 1								1			5	2.3	0.15
V1101 Sco	17 05 44.4	ZS		18.2			0.938							
1702-3621	-36 25 23 1			18.7										
1624-4904	16 28 02.3	DC					0.86991		D					
4U 1624-49	-49 11 25 C													
1813-1403	18 16 01.4	ZS	XB	17.5		3000	0.813							
GX 17+2	-14 02 11 1													
V1333 Aql	19 11 15.9	XT	XB	21.6	14.8	900	0.78950			K7/5		<12		
Aql X-1	+00 35 06 1	AS				211			2					
V818 Sco	16 19 55.0	ZS		12.0		500	0.78901							
Sco X-1	-15 38 25 1			13.4					1					
AC 211	21 29 58.4	GC	DC	15.6		20	0.71301							
	+12 10 01 1			16.4					1					
V822 Cen	14 58 21.9	XT	XB	18.2	12.8	300	0.629050			K3-5/5		42	1.3	<0.7
Cen X-4	-31 40 07 1			19.1					1			12	0.8	
V821 Ara	17 02 49.3	XT	XP?	15.		10	0.6192	0.00113		F8-G2/3				
GX 339-4	-48 47 22 1			>21.				190.5	1					
V2293 Oph	17 19 36.8	XT	BH?	>21.	15.0					M0-5/5				
N Oph 1993	-25 01 03 1	SH?					0.6127 :							

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	mag3 mag4	LX/LO T1	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2
MM Ser	18 39 57.4	AS XB	19.2		1200	0.54 :							
Ser XR-1	+05 02 08 1					3.40252 :							
QX Nor	16 12 42.9	XT XB	22.3R	18. :		0.5370 :							
4U 1608-52	-52 25 23 1	AS											
V2107 Oph	17 08 14.1	XT BH	21.3	15.8		0.521				>19	<80	6.65	0.45
N Oph 1977	-25 05 32 1		21.8					1				0.25	0.15
1747-3115	17 50 46.9	XT GC				0.5150		1					
	-31 16 30 1												
LU TrA	16 01 02.2		18.6		180	0.46229 :							
4U 1556-605	-60 44 18 1		19.2										
GU Mus	11 26 26.6	XT BH	20.4	13.4	>100	0.432602			K3-4/5	7.5	54.0	6.95	0.85
N Mus 1991	-68 40 32 1	SH	20.6			0.4376		2		1.1	1.5	0.60	0.25
V1408 Aql	19 59 23.9		18.7		800	0.3887							
4U 1957+11	+11 42 29 1		19.4										
V406 Vul	18 58 41.7	XT BH	22.5R	15.5		0.382			G5			>7.4	
J1858+2230	+22 39 30 1											1.1	
NGC 104-X5	00 24 01.0	XT	21.7			0.3610		1					
X5 (47 Tuc)	-72 04 53 1												
J1745-2901	17 45 36	XT				0.3482		1					
	-29 01 34												
QZ Vul	20 02 49.4	XT BH	25.2	16.4		0.344092			K3-6/5	24	65	8.5	0.36
GS 2000+25	+25 14 11 1	SH				0.3474		1		7	9	1.5	0.12
LMC X-2	05 20 29.3		16.7		400	0.3400 :		1					
	-71 57 36 8		19.3			12.543 :		1					
V616 Mon	06 22 44.4	XT BH	17.9	11.2	200	0.323014			K4/5	15	40.8	11.0	0.68
Mon X-1	-00 20 45 1		18.4					2		2	3.0	1.9	0.18

Object Name	Coordinates	Type		mag1	mag3	LX/LO	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T1	2. Per.	4. Per.	SB	Spectr1				
V2134 Oph	17 02 06.4	XT	XB	23.6R	18.3	600	0.296505	0.00176	1			>65		
MXB 1659-29	-29 56 44 1													
MM Vel	10 13 36.3	XT	BH	21.4	13.8		0.285206			K7-M0/5	7.3	78	4.4	0.6
N Vel 1993	-45 04 32 1			21.9					2		0.8			
1613-5055	16 17 36.3			>24.			0.25							
	-51 02 25 1													
LZ Aqr	21 23 14.5	XT	XB	21.6	16.8		0.24817		1	K7-8/5	2.78	72.5	1.30	0.60
J2123-0547	-05 47 53 1								2		0.03	0.7	0.24	0.24
1746-3702	17 50 12.7	GC	XB	18.8B			0.239							
4U 1746-37	-37 03 07 1			18.9B										
V691 CrA	18 25 46.6	DC	XP	15.8		20	0.232109	0.593086	1			82.5	>0.97	>0.33
2A 1822-371	-37 06 18 1			16.4					2			1.5	0.24	0.05
NGC 104-X7	00 24 03.5	XT					0.23 :							
X7 (47 Tuc)	-72 04 52 1													
V1727 Cyg	21 31 26.2	DC	XB	18.0	15.8	30	0.218260		1	F7/5				
4U 2129+47	+47 17 25 1	XT							1					
V518 Per	04 21 42.8	XT	BH	22.4	12.6		0.212160			M4-5/5	8.8	<45	>2.22	
GRO J0422+32	+32 54 27 1	SH					0.2157		1		2.5			
J1650-4957	16 50 01.0	XT	BH?	17.2I			0.212						>0.64	
	-49 57 45 1								1				0.03	
V926 Sco	17 38 58.1	AS	XB	17.5		1100	0.193834							
MXB 1735-44	-44 27 00 1								1					
V4134 Sgr	17 58 39.9	XT		>22.	18.5	1400	0.1858		D					
4U 1755-33	-33 48 27 1													
V2216 Oph	17 31 44.1	AS		17.0		400	0.1749							
4U 1728-16	-16 57 41 1			17.3					1					

Object Name	Coordinates	Type		mag1	mag3	LX/LO	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T1	2. Per.	4. Per.	SB	Spectr1				
KV UMa	11 18 10.9	XT	BH	19.0	12.5		0.169930			K7-M0/5		81	6.9	0.3
J1118+4802	+40 02 13 1	SH					0.170529		1			2	0.8	0.2
GR Mus	12 57 37.1	DC	XB	19.1		200	0.16389	0.0275	D					
2S 1254-690	-69 17 20 1								1					
UY Vol	07 48 33.7	XT	XB	>23.	16.9		0.159338		1					
EXO 0748-676	-67 45 09 1													
V801 Ara	16 40 55.4	AS	XB	17.5		1700	0.158047	0.001718					1.45	
MXB 1636-53	-53 45 05 1	XP		17.9					1				0.20	
J1710-2807	17 10 12.3	XT	XB				0.137		1					
	-28 07 54 8													
J0042+4118	00 42 07.7						0.124 :		D					
	+41 01 16 1													
1323-6152	13 26 36.2	XB					0.1222		D					
4U 1323-62	-62 08 09 3													
J0043+4107	00 43 14.4	GC					0.1159		D					
	+41 07 26 1													
M51 X-7	13 30 01.0	UL					0.088							
	+47 13 44 1													
V4634 Sgr	18 29 28.2	XB	XT		19.3		0.087 :							
1826-2349	-23 47 49 2													
V4580 Sgr	18 08 27.5	XB	XT	20.	16.6		0.083902	0.002494						< 0.1
J1808-3658	-36 58 44 1	XP							1					
UW CrB	16 05 45.7	XB		19.7		16	0.07711		D					
MS 1603+2600	+25 51 45 1													
1705-4402	17 08 54.5	AS	XB				0.0544		D					
4U 1705-44	-44 06 02 D													

Object Name	Coordinates	Type		mag1	mag3	LX/LO	Orb.Per.	3. Per.	EB	Spectr2	M1/M2	Incl	M1	M2
Altern.Name	(J2000)			mag2	mag4	T1	2. Per.	4. Per.	SB	Spectr1				
V1405 Aql	19 18 47.9	XB	SH	21.5		10000	0.034730		D					
4U 1915-05	-05 14 09	NS					0.035041							
1832-3301	18 35 43.6	GC	XB	18.9			0.0303 :							
	-32 59 27 1	XT												
J0929-3123	09 29 20.2	XT	XP	18.8			0.030263	0.005402						> 0.008
	-31 23 03 1								1					
J1751-3037	17 51 13.5	XT	XP				0.029460	0.002297						> 0.014
	-37 37 23 1								1					
KZ TrA	16 32 16.6	XP		18.5		170	0.02876	7.666501						
4U 1627-67	-67 27 42 1													
1850-0846	18 53 04.8	GC	XB	20.3			0.01427							
	-08 42 20 1													
1820-3023	18 23 40.5	GC	AS	18.7B			0.007928							
4U 1820-30	-30 21 40 1	XB												

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Related Objects

Object Name / Altern.Name	Coordinates (J2000)	Type	mag1 / mag2	Orb.Per.	EB / SB	Spectr2 / Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
1115+1637	11 17 55.2	DS DD	15.1	30.09		DB				1.2		>0.52	>0.43
	+16 21 29 1				2	DA				0.3		0.12	0.15
0850+1700	08 53 23.7	DS	13.9B	27.81								>0.466	
	+16 49 36 1				1	sdB							
IK Peg	21 26 26.6	DS	6.1	21.7217		A8/5	0.0			1.19	0.008	1.7	
BD +18 4794	+19 22 32 1				1	DA1				0.05	0.002		
V651 Mon	07 09 22.4	PN DS	11.3	15.991		A5/5	0.07		60	0.40	0.019	1.8	2.2
AGK3 -0 965	-00 48 24 1		15.3		1		0.06		15	0.05		0.3	0.2
1619+5213	16 20 38.8	DS	13.4	15.357								>0.376	
	+52 06 08 1				1	sdB							
G 203-47A	17 09 31.3	DS	11.8	14.7136		M3.5/5	0.07						
	+43 40 55 1				1								
1110+2924	11 13 04.5	DS	14.3	9.415								>0.633	
	+29 07 47 1				1	sdB							
FF Aqr	22 00 36.2	DS	9.3	9.207755	1	G8/3		0.24	81.0	0.5	0.14	2.0	5.7
BD -3 5357	-02 44 26 1		9.6		1	sdOB							
0940+0649	09 42 55.0	DS DD?	13.7	8.330						>0.63			
	+06 35 37 1					sdB				0.02			
1032+4036	10 35 16.9	DS	10.8B	6.779								>0.247	
	+40 21 16 1				1	sdB							
1824+0402	18 27 13.9	DS DD	13.9	6.2658				<1.07		0.39		>0.47	
	+04 04 01 1					DA5				0.03		0.01	
0907+1220	09 10 25.5	DS	13.9	6.1163								>0.521	
	+12 08 27 1				1	sdB							

Object Name	Coordinates	Type	mag1	Orb.Per.	EB	Spectr2	E	M1/M2	Incl	M1	R1	M2	R2
Altern.Name	(J2000)		mag2		SB	Spectr1							
1244+1119	12 47 06.6	DS	14.2	5.752									
	+11 03 13 1				1	sdB							
0839+3955	08 43 12.7	DS	14.3	5.622								>0.226	
	+39 44 50 1				1	sdB							
2032+1849	20 35 13.8	DS DD	15.3	5.084						0.39			
	+18 59 29 1												
SuWt 2	13 55 43.3	PN DS	12.3	4.9	1								
	-59 22 40 1					B9/5							
1317+4520	13 19 14.4	DS DD	14.1	4.8719				<1.05		0.33		>0.42	
PG 1317+453	+45 05 08 1				1	DA3				0.03		0.02	
Feige 24	02 35 07.5	DS	12.4	4.23160		M1-2/5		1.6	81	0.51	0.018	0.36	
	+03 43 57 1				2	DAO		0.1	6	0.06	0.001	0.07	
0934+1838	09 37 16.3	DS	12.8B	4.05									
	+18 25 11 1				1	sdB							
0025+5402	00 28 29.0	DS	13.9	3.571								>0.235	
	+54 19 15 1				1	sdB							
1241-0102	12 44 28.6	DS DD	14.0	3.3474				<1.12		0.31		>0.37	
PG 1241-010	-01 18 56 1				1	DA3				0.03		0.02	
SP 1	15 51 41.1	PN DS	13.9	2.91									
	-51 31 23 6												
Ton 245	15 40 35.4	DS DD?	13.9	2.50								>0.6	
PG 1538+269	+26 47 42 1				1	sdB							
QR Sge	19 11 30.9	PN DS	11.8	2.3583									
	+16 51 38 1				1	WN8							
BE UMa	11 57 44.8	PN DS	14.1	2.291166	1	K3-4/5			84	0.70	0.078	0.36	0.72
PG 1155+492	+48 56 19 1		15.6		1	DAO			1	0.07	0.004	0.07	0.05

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	Orb.Per.	EB SB	Spectr2 Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
1300+2756	13 02 41.8	DS	14.4	2.25932								>0.346	
	+27 40 42 1				1	sdB							
1349+1424	13 51 54.1	DS DD	15.2	2.20942									
	+14 09 46 1				2	DA4							
1716+4237	17 18 03.8	DS	13.9	1.77732								>0.366	
	+42 34 14 1				1	sdB							
1114+1842	11 17 03.5	DS	14.8	1.75992				1.4					
	+18 25 58 1				1								
HtTr 4	16 45 00.3	PN DS	17.1	1.71									
	-51 12 21 1												
1204+4505	12 06 47.6	DS DD	14.8	1.6025				0.87		0.46		0.52	
	+44 49 54 1				2	DA2		0.03		0.05		0.05	
L870-2	01 37 59.4	DS DD	12.8	1.55578		DA		0.90	56	0.47	0.015	0.52	0.014
WD 0135-052	-04 59 45 1				2	DA				0.05		0.05	
HD 49798	06 48 04.8	DS	8.3	1.547664		F4-K0	0.03	0.9		1.75	1.45	1.75 :	
	-44 18 59 1			13.1789	1	sdO5.5	0.03	0.5		1.0	0.25		
HD 171858	18 37 56.7	DS	9.8	1.529								>0.510	
	-23 11 35 1				1	sdB				0.01			
Feige 55	12 04 38.6	DS DD	13.6	1.49303				<1.38		0.49		>0.38	
PG 1202+608	+60 32 08 1				1	DAO				0.01		0.05	
2040+3954	20 42 34.0	DS	14.5	1.48291									
	+40 05 43 1				1	sdB							
0136+7653	01 41 21.1	DS DD	15.0	1.407221				1.26	58	0.47		0.37	
GD 420	+77 09 03 1				2	DA3		0.03		0.03		0.02	
1735+2210	17 37 14.1	DS	11.5	1.278								>0.54	
	+22 04 49 1				1	sdB							

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	Orb.Per.	EB SB	Spectr2 Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
1512+2421	15 14 32.6	DS	13.2	1.26978								>0.458	
	+24 10 41 1				1	sdB							
IN CMa	07 20 47.9	DS	14.8	1.262396		M0-2/5		1.38	50	0.55	0.018	0.39	
J0720-3146	-31 47 03 1			40000.	2	DAO		0.10	2	0.04	0.002	0.07	
0133+1124	01 36 26.1	DS	12.3	1.2382								>0.388	
	+11 39 33 1				1	sdB							
1047-0436	10 50 26.9	DS DD	14.9	1.213253		sdB							
	-04 52 36 1				1								
0808+1106	08 11 12.8	DS DD	13.8	1.1806 :									
	+10 57 17 1	PN	14.1		1								
1428+3723	14 30 42.5	DS DD	15.4	1.171									
	+37 10 15 1					DA							
1022+0501	10 25 00.0	DS DD	14.2	1.15718				<2.22		0.35		>0.26	
	+04 46 10 1					DA4				0.06		0.03	
1713+3316	17 15 34.5	DS DD	14.5	1.12338				<2.47		0.35		>0.18	
PG 1713+333	+33 13 10 1				1	DA3				0.03		0.01	
Abell 65	19 46 34.2	PN DS	15.4	1.00									
	-23 08 13 1												
1136+6646	11 39 06.0	DS	13.7	1.	1?	K6/5		1.		0.64		0.6	
	+66 30 18 1				2	DAO							
0918+0258	09 21 28.2	DS	13.3	0.87679								>0.313	
	+02 46 02 1				1	sdB							
1116+3008	11 19 04.9	DS	14.4	0.85621								>0.356	
	+29 51 53 1				1	sdB							
1230+0514	12 33 12.6	DS	13.3	0.8372									
	+04 57 38 1				1	sdB							

Object Name	Coordinates	Type	mag1	Orb.Per.	EB	Spectr2	E	M1/M2	Incl	M1	R1	M2	R2
Altern.Name	(J2000)		mag2		SB	Spectr1							
1627+0144	16 29 35.3	DS	12.9	0.829226								>0.273	
	+01 38 20 1				1	sdB							
J1016-0520	10 16 28.6	DS	14.1	0.78928		M0-4/5		3.64	60	0.61	0.016	0.15	
	-05 20 34 1			3439.	1	DAO		0.04	5	0.06	0.001	0.02	
0849+3155	08 52 54.7	DS	14.1	0.74507								>0.228	
	+31 43 37 1				1	sdB							
2009+6216	20 10 43.3	DS	15.2	0.741									
	+62 25 40 1					DA3							
1248+1626	12 50 50.2	DS	14.4B	0.73232								>0.207	
	+16 10 04 1				1	sdB							
J2013+4002	20 13 09.0	DS	14.6	0.70552		M3-4/5		2.96	34	0.58	0.017	0.18	
	+40 02 24 1				1	DAO		0.31	3	0.06	0.002	0.04	
VW Pyx	08 57 45.8	PN DS	16.5	0.6701							0.13		
	-28 57 36 1		>17.5								0.04		
EG UMa	12 15 44.2	DS	13.3B	0.667579		M4-5/5	0.01	1.72	58.4	0.63	0.012	0.36	0.32
Case 1	+52 31 03 1		13.8B		2	DA4	0.01	0.09	3.2	0.05	0.001	0.04	0.04
1725+2510	17 27 57.4	DS	13.1	0.601507								>0.381	
	+25 08 36 1				1	sdB							
1247+5522	12 50 04.5	DS	12.7	0.598655									
	+55 06 02 1				1	sdB							
UZ Sex	10 28 34.8	DS	13.6	0.597259		M4e/5	0.0		>49	0.68		0.22	0.25
1026+0014	-00 00 29 1				1	DA3				0.23		0.05	0.03
V664 Cas	03 03 47.0	PN DS	14.	0.5817									
HFG 1	+64 54 36 1		15.										
UX CVn	12 14 48.4	DS DD	13.1	0.573704			0.10	0.88	85	0.45	0.95	0.51	<0.011
HZ 22	+36 38 49 1		13.2		1	B3	0.03	0.10	5	0.05	0.05	0.01	

Object Name / Altern.Name	Coordinates (J2000)	Type		mag1 / mag2	Orb.Per.	EB / SB	Spectr2 / Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
Feige 11	01 04 21.6	DS	DD	12.1	0.569908									
PG 0101+039	+04 13 38 1					1	sdB							
HZ 9	04 32 23.2	DS		14.0	0.56433		M5e/5		1.82		0.51		0.28	
	+17 45 05 1					2	DA2		0.26		0.10		0.04	
1519+6402	15 20 31.3	DS		12.5	0.539									
	+63 52 08 1					1	sdB							
0001+2731	00 03 55.6	DS		12.8B	0.528								>0.35	
	+27 48 38 1					1	sdB							
V471 Tau	03 50 24.5	DS		9.2	0.521183	1	K2/5		0.91	77.4	0.84	0.011	0.93	0.96
BD +16 516	+17 14 48 1			9.8	554.635	2	DA2		0.02		0.05	0.001	0.07	0.04
1414-0848	14 16 52.1	DS	DD	16.2B	0.51781		DA		0.78	52	0.71		0.55	
	-09 02 03 1					2	DA		0.01		0.03		0.03	
1743+4742	17 44 26.4	DS		13.6B	0.515561								>0.438	
	+47 41 46 1					1	sdB							
J2130+4710	21 30 18.5	DS			0.5 :		Me							
	+47 10 08 2					1	D							
V1513 Cyg	20 05 02.7	DS		12.0	0.497		sdM1.5e	0.01:					0.25	
	+54 26 03 1					1								
V477 Lyr	18 31 18.5	PN	DS	14.6	0.471729	1			3.45	80.5	0.51	0.17	0.15	0.46
	+26 56 11 1			15.9B		2	sdO		0.36	0.2	0.07	0.01	0.02	0.03
UU Sge	19 42 10.2	PN	DS	14.7	0.465069	2			2.17	87.1	0.63	0.34	0.29	0.54
	+17 05 15 1			19.2		2	sdO		0.22	0.1	0.06	0.01	0.04	0.02
1946+4340	19 47 42.9	DS		14.3	0.403739								>0.628	
	-43 47 31 1					1	sdB							
Hf 2-2	18 32 30.9	PN	DS	17.4p	0.398571									
	-28 43 20													

Object Name	Coordinates	Type	mag1	Orb.Per.	EB	Spectr2	E	M1/M2	Incl	M1	R1	M2	R2
Altern.Name	(J2000)		mag2		SB	Spectr1							
DE CVn	13 26 53.7	DS	12.8	0.364095	1	M0/5 :							
J1326+4532	+45 32 50 1												
KV Vel	10 54 40.6	PN DS	11.8	0.357113				2.7	60	0.63	0.157	0.23	0.402
LSS 2018	-48 47 04 1		12.4		2	sdO		0.2	10	0.03	0.003	0.01	0.005
Feige 36	11 04 31.7	DS DD?	12.7	0.3539									
PG 1101+249	+24 39 42 1				1	sdB							
GK Vir	14 15 36.5	DS	17.0	0.344331	1	M3-5/5			90	0.51	0.016	0.10	0.15
PG 1413+015	+01 17 18 1		>22			DAO				0.04			
1042-6902	10 44 10.8	DS	13.1	0.336784		dMe			15	0.50		0.16	
	-69 18 22 1				2	DA3			1	0.05		0.09	
1528+1025	15 31 10.4	DS	13.1	0.331									
	+10 15 00 1				1	sdB							
TW Crv	12 00 05.7	DS	12.7	0.32762		dM		3.3					
EC 1157-1845	-19 02 05 1		13.5		2	sdO		0.2					
0416+7007	04 21 28.8	DS	14.7	0.31854									
	+70 14 40 1				1	DA4							
RR Cae	04 21 05.5	DS	14.4	0.303700	2	M5-6/5		4.90	84.0	0.467	0.015	0.095	0.189
LFT 349	-48 38 59 1		18.2B		1	DAwk		0.12	0.2				
CC Cet	03 10 55.0	DS	15.3	0.286654		M5e/5	0.0		42	0.40	0.023	0.18	0.21
PG 0308+096	+09 49 29 1				1	DA2			9	0.11	0.004	0.05	0.02
2209-1444	22 12 17.6	DS DD	15.1	0.2769									
	-14 29 48 1				2								
2154+4048	21 56 18.4	DS	15.1	0.26772									
	+41 02 47 1		15.3			DA							
AA Dor	05 31 40.9	DS	11.2	0.261540	2		0.0	5.0	90	0.330	0.24	0.066	
LB 3459	-69 53 05 1		11.6		1	sdO		0.1		0.006	0.03	0.001	

Object Name / Altern.Name	Coordinates (J2000)	Type		mag1 / mag2	Orb.Per.	EB / SB	Spectr2 / Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
LM Com	12 26 31.0	DS		16.1	0.258689		M4+/5		1.6	77	0.45		0.28	
CBS 60	+30 38 53 1			16.2		2	DA		0.2	7	0.05		0.05	
1329+1556	13 31 53.6	DS		13.5	0.249699								>0.083	
	+15 41 19 1					1	sdB							
2345+3148	23 48 07.5	DS	DD	14.2	0.240946									
	+32 04 48 1					1	sdB							
1432+1553	14 35 18.9	DS	DD	13.9	0.2249									
	+15 40 15 1					1	sdB							
BPM 71214	03 32 43.4	DS		13.5	0.20162		M2.5/5				0.77			
	-08 55 40 1					1	DA				0.06			
MS Peg	22 58 48.0	DS		13.6	0.17366		M3-5/5		2.15	69	0.48	0.015	0.22	0.27
GD 245	+25 15 45 1			13.7		2	DA2		0.13	8	0.02	0.001	0.02	0.02
2331+2902	23 34 21.1	DS	DD	15.8	0.166492				<1.53		0.39		>0.32	
PG 2331+290	+29 18 43 1					1	DA2				0.03		0.01	
IR Peg	21 34 08.2	DS	CP	16.6	0.164	1?					0.61			
PG 2131+066	+06 50 58 1	GW					DOZ.6				0.02			
1347-1258	13 49 52.0	DS		14.7	0.15074	1	M2-4e/5		1.32	73.5	0.77		0.58	0.42
	-13 13 38 1					2	DA		0.07	1.1	0.04		0.05	0.08
1704+4807BC	17 05 30.5	DS	DD	14.5	0.144786				0.70	61	0.39		0.56	
	+48 03 05					2	DA5		0.03		0.05		0.07	
1101+3626	11 04 32.6	DS	DD	14.4	0.1447				1.15	25 :	0.31			
PG 1101+364	+36 10 48 1					2	DA3		0.04					
NN Ser	15 52 56.2	DS		16.6	0.130080	1	M6.5/5		5.0	87	0.57	0.019	0.12	0.165
PG 1550+131	+12 54 47 1			23.0		1	DAO1		0.6	3	0.04	0.002	0.02	0.015
1043+7600	10 47 05.0	DS		13.0B	0.120151								>0.106	
	+75 44 23 1					1	sdB							

Object Name Altern.Name	Coordinates (J2000)	Type	mag1 mag2	Orb.Per.	EB SB	Spectr2 Spectr1	E	M1/M2	Incl	M1	R1	M2	R2
HW Vir	12 44 20.3	DS	10.5	0.116720	2			3.5	80.6	0.48	0.176	0.14	0.180
BD -7 3477	-08 40 16 1		11.5		1	sdB		0.3	0.2	0.09	0.012	0.02	0.011
MT Ser	17 29 01.9	PN DS	15.4	0.113227						0.6 :	0.47	0.2	
	-15 13 04 1		16.0			sdO					0.05	0.1	
HR Cam	07 17 08.6	DS	15.0	0.103063		M/5			29.3	0.41	0.018	0.096	0.125
WD 0710+741	+74 00 44 1				2	DA3			0.7	0.01		0.004	0.020
NY Vir	13 38 48.2	DS CP	13.0	0.101016	2	M/5 :		3.3 :	81 :	0.5 :		0.15 :	
PG 1336-018	-02 01 49 1	EC	14.2		1	sdB			0.5				
0705+6700	07 10 42.0	DS	14.8	0.095647	2	M		3.60	84.4	0.483	0.230	0.134	0.186
	+66 55 43 1				1	sdB		0.25	0.3				
V2214 Cyg	19 32 14.9	DS CP	13.8	0.095093						>0.97		0.5	
1930+2752	+27 58 35 1	EC			1	sdB							
IQ Cam	04 26 06.9	DS DD	14.7	0.090180	2	sdB		1.05	>85.6	0.53	0.015	0.51	0.193
0422+5421	+54 28 18 1				1			0.12		0.03	0.001	0.05	0.001
1017-0838	10 20 14.4	DS	14.4	0.072994					65	0.5		0.078	0.19
PG 1017-086	-08 53 46 1				1	sdB			6			0.006	
0957-6639	09 58 55.0	DS DD	14.6	0.060993				1.13	81	0.37		0.32	
WD 0957-666	-66 53 12 1				2	DA2		0.02		0.02		0.03	
NGC 6121-V46	16 23 47.0	DS?	18.5	0.04357									
	-26 31 55 1					sdB :							

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1512+2421	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1519+6402	1	Morales-Rueda, L., Marsh, T.R., North, R.C., Maxted, P.F.L. 2002, astro-ph/0209552v2 (Orb.Per., Spectr1)
1528+1025	1	Morales-Rueda, L., Marsh, T.R., North, R.C., Maxted, P.F.L. 2002, astro-ph/0209552v2 (Orb.Per., Spectr1)
1619+5213	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1627+0144	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1704+4807BC	1	Greenstein, J.L., Dolez, N., Vauclair, G. 1983, A&A 127, 25

1704+4807BC	2	Maxted, P.F.L., Marsh, T.R., Moran, C.K.J., Han, Z. 2000, MNRAS 314, 334 (Orb. Per., M1/M2, Incl, M1, M2)
1713+3316	1	Moran, C., Marsh,T.R., Maxted, P.F.L. 1999,in: 11th European Workshop on White Dwarfs, J.-E. Solheim & E.G. Meistas (eds.), ASP Conf. Ser. Vol. 169, p. 275 (Orb.Per., M1/M2, M1, M2)
1716+4237	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1725+2510	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1735+2210	1	Edelmann, H., Heber, U., Napiwotzki, R. 2001, AN 322, 401 (Orb.Per., Spectr1, M2)
1743+4742	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
1824+0402	1	McCook, G.P., Sion, E.M. 1987, ApJS 65, 603 (Spectr1)
	2	Maxted, P.F.L., Marsh, T.R. 1999, MNRAS 307, 122
	3	Moran, C., Marsh,T.R., Maxted, P.F.L. 1999,in: 11th European Workshop on White Dwarfs, J.-E. Solheim & E.G. Meistas (eds.), ASP Conf. Ser. Vol. 169, p. 275 (Orb.Per., M1/M2, M1, M2)
1946+4340	1	Morales-Rueda, L., Maxted, P.F.L., Marsh, T.R., North, R.C., Heber, U. 2002, MNRAS, in press = astro-ph/0209472 (Orb.Per., Spectr1, M2)
2009+6216	1	Marsh, T.R. 2000, New Astron. Rev. 44, 119 (Orb.Per.)
J2013+4002	1	Thorstensen, J.R., Vennes, S., Shambrook, A. 1994, AJ 108, 1924 (Spectr1, Spectr2)
	2	Vennes, S., Thorstensen, J.R., Polomski, E.F. 1999, ApJ 523, 386 (Orb.Per., M1/M2, Incl, M1, R1, M2)
2032+1849	1	Maxted, P.F.L., Marsh, T.R. 1999, MNRAS 307, 122 (Orb.Per., M1)
2040+3954	1	Morales-Rueda, L., Marsh, T.R., North, R.C., Maxted, P.F.L. 2002, astro-ph/0209552v2 (Orb.Per., Spectr1)
J2130+4710	1	Motch, C., et al. (6 authors) 1997, A&A 318, 111 (Orb.Per., Spectr2)
2154+4048	1	Downes, R.A. 1986, ApJS 61,569 (Spectr1)
	2	Hillwig, T.C., Gale, A.A., Honeycutt, R.K., Rengstorf, A.W. 2002, PASP 114, 756 (Orb.Per.)
2209-1444	1	Karl, C., et al. (7 authors) 2003, in: White Dwarfs, D. de Martino, R. Kylafis, R. Silvotti, J.E. Solheim (eds.), Kluwer, in press = astro-ph/0210004 (Orb.Per.)
2331+2902	1	Moran, C., Marsh,T.R., Maxted, P.F.L. 1999,in: 11th European Workshop on White Dwarfs, J.-E. Solheim & E.G. Meistas (eds.), ASP Conf. Ser. Vol. 169, p. 275 (Orb.Per., M1/M2, M1, M2)

2345+3148	1	Saffer, R.A., Livio, M., Yungelson, L.R. 1998, ApJ 502,394
	2	Moran, C., Maxted, P. Marsh, T.R., Saffer, R., Livio, M. 1999, MNRAS 304, 535 (Orb.Per., Spectr1)

References for Finding Charts

RX And	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Bennert, N., et al. (20 authors) 1999, IBVS No. 4779
	4	Downes et al. (2001)
AR And	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
DX And	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Spogli, C., Fiorucci, M., Tosti, G. 1998, A&AS 130, 485
	5	Downes et al. (2001)
FO And	1	Downes & Shara (1993)
	2	Kato, T. 1995, IBVS No. 4242
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
HV And	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
KV And	1	Downes & Shara (1993)
	2	Kato, T. 1995, IBVS No. 4239
	3	Downes et al. (2001)
LL And	1	Downes et al. (1997)
	2	Henden & Honeycutt (1997)
	3	Downes et al. (2001)
PX And	1	Green et al. (1982)
	2	Downes & Shara (1993) (Object And 1)
	3	Henden & Honeycutt (1995)
	4	Downes et al. (2001)
QR And	1	Greiner, J., Wenzel, W. 1995, A&A 294, L5
	2	Downes et al. (2001)
V402 And	1	Antipin, S.V. 1998, IBVS No. 4578 (object in outburst)
	2	Downes et al. (2001)
UU Aqr	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
VY Aqr	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
AE Aqr	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)

FF Aqr	1	Bonner Durchmusterung
FO Aqr	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
HL Aqr	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
HU Aqr	1	Hakala, P.J., et al. (7 authors) 1993, MNRAS 263, 61
	2	Schwope, A.D., Thomas, H.-C., Beuermann, K. 1993, A&A 271, L25
	3	Mason et al. (1995)
	4	Schwartz, R.D., Dawkins, D., Findley, D., Chen, D. 1995, PASP 107, 667 (RE J2107-051)
	5	Downes et al. (1997)
	6	Henden & Honeycutt (1997)
	7	Shara et al. (1997)
	8	Downes et al. (2001)
LZ Aqr	1	Tomsick, J.A., Halpern, J.P., Kemp, J., Kaaret, P. 1999, ApJ 521, 341
UU Aql	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CI Aql	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Novae/ciaql.html
	4	Downes et al. (2001)
DH Aql	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Nogami, D., Kato, T. 1995, IBVS No. 4227
	4	Downes et al. (2001)
DO Aql	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
KX Aql	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V368 Aql	1	Klemola, A.R. 1968, PASP 80, 706
	2	Williams (1983)
	3	Duerbeck (1987)
	4	Bode et al. (1989)
	5	Downes et al. (2001)
V500 Aql	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V603 Aql	1	Bode et al. (1989)
	2	Andronov, I.L., Borodina, I.G., Kolesnikov, S.V., Shakhovskoy, N.M., Shvechkova, N.A. 1993, IBVS No. 3932
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)

V725 Aql	1	Nogami, D., Masuda, S., Kato, T. 1995, IBVS No. 4218
	2	Downes et al. (1997) (target invisible)
	3	Downes et al. (2001)
V794 Aql	1	Mukai et al. (1990)
	2	Downes & Shara (1993)
	3	Henden & Honeycutt (1995)
	4	Downes et al. (2001)
V1101 Aql	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Masetti, M., Della Valle, M. 1998, A&A 331, 187
	4	Downes et al. (2001)
V1141 Aql	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V1315 Aql	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1997)
	3	Downes et al. (2001)
V1333 Aql	1	Chevalier, C., Ilovaisky, S.A., Leisy, P., Patat, F. 1999, A&A 347, L51 (Note that the true optical counterpart is star e which is 0.48 seconds of arc to the west of the previously known star)
	2	Welsh, W.F., Robinson, E.L., Young, P. 2000, AJ 120, 943
V1405 Aql	1	Gottwald et al. (1991)
V1408 Aql	1	Gottwald et al. (1991)
V1425 Aql	1	Downes et al. (2001)
V1432 Aql	1	Halpern, J.P. 1993, Nat 365, 607
	2	Staubert, R., et al. (7 authors) 1994, A&A 288, 513
	3	Downes et al. (1997) (Object Aql 1)
	4	Downes et al. (2001)
V1487 Aql	1	Boer, M., Greiner, J., Motch, C. 1996, A&A 305, 835
	2	Fender, R.P., Pooley, G.G., Brocksopp, C., Newell, S.J. 1997, MNRAS 290, L65
V1493 Aql	1	Moro, D., Munari, U., Tomov, T., Henden, A. 1999, IBVS No. 4785 (no identification)
	2	Masi, G. 2000, http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Novae/naql99.html (in outburst)
	3	Downes et al. (2001) (object not visible)
V1494 Aql	1	http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Novae/v1494aql.html (in outburst)
	2	Downes et al. (2001)
AT Ara	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BF Ara	1	Vogt & Bateson (1982
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
OY Ara	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Zhao, P., McClintock, J.E. 1997, ApJ 483, 899

OY Ara	4	Downes et al. (2001)
V801 Ara	1	Jernigan, J.G., Apparao, K.M.V., Bradt, H.V., Doxsey, R.E., McClintock, J.E. 1977, Nat, 270, 321 (Star No. 3)
V821 Ara	1	Callanan, P.J., Charles, P.A., Honey, W.B., Thorstensen, J.R. 1992, MNRAS 259, 395
	2	Shahbaz, T., Fender, R., Charles, P.A. 2001, A&A 376, L1
V877 Ara	1	Downes et al. (2001) (in minimum)
	2	Kato, T., et al. (13 authors) 2002, MNRAS, in press = astro-ph/0210674 (in minimum, and in outburst)
TT Ari	1	Downes & Shara (1993)
	2	Maccacaro et al. (1994)
	3	Henden & Honeycutt (1995)
	4	Downes et al. (2001)
WX Ari	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
XY Ari	1	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2001, ApJ 565, 511 (K-band image)
T Aur	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
SS Aur	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
FS Aur	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
HV Aur	1	Bruch et al. (1987) (Star is not visible)
	2	Downes & Shara (1993) (Incorrect identification)
	3	Downes et al. (1997) (Star is not visible)
	4	Downes et al. (2001)
KR Aur	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
QZ Aur	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V363 Aur	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V405 Aur	1	Haberl, F., et al. (7 authors) 1994, A&A 291, 171
	2	Downes et al. (1997) (Object Aur 1)
	3	Downes et al. (2001)
TT Boo	1	Downes & Shara (1993)
	2	Kato, T. 1995, IBVS No. 4243
	3	Misselt (1996)

TT Boo	4	Downes et al. (2001)
UZ Boo	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CR Boo	1	Green et al. (1986) (PG 1346+082)
	2	Downes et al. (1997)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
RR Cae	1	Wegner, G. 1975, MNRAS 171, 637 (Note that the width of the finding chart is approximately 40' and not 4' as is stated in the caption)
	2	Bruch, A., Diaz, M.P. 1998, AJ 116, 908
RS Cae	1	Shara et al. (1993)
	2	Burwitz, V., et al. (6 authors) 1996, A&A 305, 507
	3	Downes et al. (1997) Object Cae 1)
	4	Shara et al. (1997)
	5	Downes et al. (2001)
Z Cam	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
AF Cam	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Lanning, H.H., Meakes, M. 1998, PASP 110, 586
	5	Downes et al. (2001)
BY Cam	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
BZ Cam	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
	4	Greiner, J., et al. (9 authors) 2001, A&A 376, 1031
FT Cam	1	Antipin, S.V. 1999, IBVS No. 4673
	2	Lanning, H.H., Meakes, M. 2001, PASP 113, 1393 (Lanning 497)
	3	Downes et al. (2001)
HR Cam	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1970, Lowell Obs. Bull. No. 153 (Vol. 7, No. 16, p. 183)
	2	http://procyon.lpl.arizona.edu/WD/ (WD 0710+741)
HS Cam	1	Tovmassian, G.H., et al. (8 authors) 1997, A&A 328, 571
	2	Downes et al. (2001)
HT Cam	1	Tovmassian, G.H., et al. (11 authors) 1998, A&A 335, 227
	2	Downes et al. (2001)
IQ Cam	1	Downes, R.A. 1986, ApJS 61, 569
SY Cnc	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
YZ Cnc	1	Downes & Shara (1993)

YZ Cnc 2 Misselt (1996)
3 Henden & Honeycutt (1997)
4 Downes et al. (2001)

AC Cnc 1 Downes & Shara (1993)
2 Henden & Honeycutt (1995)
3 Downes et al. (2001)

AK Cnc 1 Vogt & Bateson (1982)
2 Misselt (1996)
3 Downes et al. (1997)
4 Downes et al. (2001)

AR Cnc 1 Mukai et al. (1990)
2 Downes & Shara (1993)
3 Downes et al. (2001)

AT Cnc 1 Downes & Shara (1993)
2 Misselt (1996)
3 Downes et al. (2001)

CC Cnc 1 Vogt & Bateson (1982)
2 Downes & Shara (1993)
3 Misselt (1996)
4 Kato, T., Nogami, D. 1997, PASJ 49, 341
5 Downes et al. (2001)

EG Cnc 1 Mc Naught, R.H. 1986, IBVS No. 2926
2 Downes & Shara (1993)
3 Downes et al. (2001)

EU Cnc 1 Gilliland, R.L., et al. (9 authors) 1991, AJ 101, 541
2 Downes et al. (2001) (object not visible)

GY Cnc 1 Gaensicke, B.T., et al. (8 authors) 2000, A&A 356, L79
2 Downes et al. (2001)

GZ Cnc 1 Downes et al. (2001)

UX CVn 1 Gaposchkin, S. 1962, AJ 67, 360

AM CVn 1 Williams (1983)
2 Downes et al. (1997)
3 Henden & Honeycutt (1997)
4 Downes et al. (2001)

DE CVn 1 Robb, R.M., Greimel, R. 1997, IBVS No. 4486

WY CMa 1 Downes et al. (2001)

CG CMa 1 Duerbeck (1987) (CG CMa is not visible on this finding chart. The object indicated is an unrelated foreground star about 2.5 seconds of arc away from the position of CG CMa)
2 Duerbeck, H.W., Schmeer, P., Knapen, J.H., Pollacco, D. 1999, IBVS No. 4759
3 Downes et al. (2001) (object not visible)

HL CMa 1 Chlebowski, T., Halpern, J.P., Steiner, J.E. 1981, ApJ 247, L35

IN CMa 1 Shara et al. (1993)
2 Vennes, S., Thorstensen, J.R. 1994, ApJ 433, L29
3 Mason et al. (1995)

IN CMa	4	Shara et al. (1997)
PU CMa	1	Downes et al. (2001)
SV CMi	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Downes et al. (2001)
AQ CMi	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BG CMi	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
RS Car	1	Bianchini, A., Alford, B., Canterna, R., Della Valle, M. 2001, MNRAS 321, 625
	2	Downes et al. (2001)
OY Car	1	Downes & Shara (1993)
	2	Downes et al. (2001)
QU Car	1	Kern, J.R., Bookmyer, B.B. 1986, PASP 98, 1336
	2	Downes et al. (1997)
	3	Downes et al. (2001)
V395 Car	1	Li, F.K., et al. (6 authors) 1978, Nat 276, 799 (Star No. 5)
V436 Car	1	Motch, C., et al. 1996, A&A 307, 459
	2	Downes et al. (1997) (Object Car 1)
	3	Downes et al. (2001)
AM Cas	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
GX Cas	1	Downes & Shara (1993)
	2	Nogami, D., Kato, T., Masuda, S. 1998, PASJ 50, 411
	3	Downes et al. (2001)
HT Cas	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V425 Cas	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V592 Cas	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Huber, M.E., Howell, S.B., Ciardi, D.R., Fried, R. 1998, PASP 110, 784
	4	Downes et al. (2001)
V630 Cas	1	Duerbeck (1987)
	2	Downes & Shara (1993)
	3	Henden & Honeycutt (1995)
	4	Misselt (1996)
	5	Downes et al. (2001)
V664 Cas	1	Acker et al. (1992) (PN G136.3+05.5)

V664 Cas	2	Downes & Shara (1993) (Object Cas 1)
	3	Lanning, H.H., Meakes, M. 1995, PASP 107, 751 (Lanning 149)
	4	Downes et al. (2001)
V705 Cas	1	Munari, U., Tomov, T.V., Hric, L., Hazucha, P. 1994, IBVS No. 3977
	2	Downes et al. (2001)
	3	Evans, A., Yudin, R.V., Naylor, T., Ringwald, F.A., Koch Miramond, L. 2002, A&A 384, 504
V709 Cas	1	Motch, C., et al. (6 authors) 1996, A&A 307, 459
	2	Downes et al. (1997) Object Cas 2)
	3	Downes et al. (2001)
V723 Cas	1	Downes et al. (2001)
V731 Cas	1	Mochejska, B.J., Kaluzny, J. 1999, AA 49, 351
	2	Downes et al. (2001)
WX Cen	1	Lynga, G. 1968, ApJ 154, L33
	2	Downes et al. (1997)
	3	Downes et al. (2001)
BV Cen	1	Downes & Shara (1993)
	2	Downes et al. (2001)
MU Cen	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V359 Cen	1	Downes & Shara (1993)
	2	Downes et al. (1997)
	3	Downes et al. (2001)
V436 Cen	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V442 Cen	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V485 Cen	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V803 Cen	1	Elvius, A. 1975, A&A 44, 117
	2	Downes et al. (1997)
	3	Downes et al. (2001)
V822 Cen	1	Duerbeck (1987)
V834 Cen	1	Downes & Shara (1993)
	2	Shara et al. (1997)
	3	Downes et al. (2001)
V895 Cen	1	Craig, N., Howell, S.B., Sirk, M.M., Malina, R.F. 1996, ApJ 457, L91
	2	Downes et al. (1997) (Object Cen 2)
	3	Downes et al. (2001)
V1025 Cen	1	Buckley, D.A.H., Cropper, M., Ramsay, G., Wickramasinghe, D.T. 1998, MNRAS 299, 83
	2	Downes et al. (2001)

V1033 Cen	1	Motch, C., et al. (6 authors) 1996, A&A 307, 459
	2	Downes et al. (2001)
WW Cet	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
WX Cet	1	Downes & Shara (1993)
	2	Downes et al. (2001)
	3	Rogoziecki, P. Schwarzenberg-Czerny, A. 2001, MNRAS 323, 850
BO Cet	1	Downes & Shara (1993)
	2	Downes et al. (2001)
CC Cet	1	Green et al. (1982)
EQ Cet	1	Schwope, A.D., Schwarz, R., Greiner, J. 1999, A&A 348, 861 (object A)
	2	Downes et al. (2001)
Z Cha	1	Downes & Shara (1993)
	2	Downes et al. (2001)
RR Cha	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
RX Cha	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BW Cir	1	Kitamoto, S., Tsunemi, H., Pedersen, H., Ilovaisky, S.A., van der Klis, M. 1990, ApJ 361, 590 (orientation: north at the top, east to the right!)
BY Cir	1	Downes, R.A., Duerbeck, H.W. 2000, AJ 120, 2007
	2	Downes et al. (2001)
	3	Evans, A., Yudin, R.V., Naylor, T., Ringwald, F.A., Koch-Miramond, L. 2002, A&A 384, 504
BZ Cir	1	Hertz, P., et al. (6 authors) 1990, ApJ 364, 251
	2	Downes & Shara (1993) (Object Cir 1)
	3	Downes et al. (2001)
DD Cir	1	Downes et al. (2001) (target not visible)
TV Col	1	Downes & Shara (1993)
	2	Downes et al. (2001)
TX Col	1	Downes & Shara (1993)
	2	Downes et al. (2001)
UU Col	1	Burwitz, V., Reinsch, K., Beuermann, K., Thomas, H.-C. 1996, A&A 310, L25
	2	Downes et al. (1997) (Object Col 1)
	3	Downes et al. (2001)
AL Com	1	Howell, S.B., et al. (8 authors) 1996, AJ 111, 2367 (Use this finding chart!)
	2	Misselt (1996) (Incorrect identification)
	3	Downes et al. (1997) (Star is barely visible)
	4	Spogli, C., Fiorucci, M., Tosti, G. 1998, A&AS 130, 485
	5	Downes et al. (2001)

AL Com	6	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (J-band image)
GO Com	1	Vogt & Bateson (1982)
	2	Mukai et al. (1990)
	3	Downes & Shara (1993)
	4	Misselt (1996)
	5	Downes et al. (2001)
GP Com	1	Williams (1983)
	2	Downes et al. (1997)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
IR Com	1	Downes et al. (1997) (Object Com 1)
	2	Richter, G.A., et al. (6 authors) 1997, A&A 325, 994
	3	Downes et al. (2001)
LM Com	1	Sanduleak, N., Pesch, P. 1984, ApJS 55, 517 (CBS 60)
V394 CrA	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V691 CrA	1	Griffiths, R.E., et al. (8 authors) 1978, Nat 276, 247 (Star S)
UW CrB	1	Maccacaro et al. (1994)
	2	Hakala, P.J., et al. (6 authors) 1998, A&A 333, 540
VW CrB	1	Antipin, S.V. 1996, IBVS No. 4343 (Var 21 CrB)
	2	Downes et al. (1997) (Object CrB 1)
	3	Downes et al. (2001)
TV Crv	1	Levy, D.H., Howell, S.B., Kreidl, T.J., Skiff, B.A., Tombaugh, C.W. 1990, PASP 102, 1321
	2	Downes & Shara (1993) (Object Crv 1)
	3	Downes et al. (2001)
TW Crv	1	
TT Crt	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
TU Crt	1	Maza, J., Gonzalez, L.E., Wischnjewsky, M., Barrientos, F. 1992, PASP 104, 1060
	2	Downes et al. (1997)
	3	Downes et al. (2001)
AP Cru	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
CP Cru	1	Downes, R.A., Duerbeck, H.W. 2000, AJ 120, 2007
	2	Downes et al. (2001)
SS Cyg	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
EM Cyg	1	Downes & Shara (1993)

EM Cyg	2	Misselt (1996)
	3	Downes et al. (2001)
EY Cyg	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
	4	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
V404 Cyg	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Udalski, A., Kaluzny, J. 1991, PASP 103, 198
V503 Cyg	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
	5	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
V550 Cyg	1	Downes & Shara (1993) (target not clearly identified, bu see remark by Skiff, B. 1999, IBVS No. 4675)
	2	Downes et al. (2001)
V630 Cyg	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V751 Cyg	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Greiner, J., et al. (7 authors) 1999, A&A 343, 183
	4	Downes et al. (2001)
V1028 Cyg	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Baba, H., et al. (6 authors) 2000, PASJ 52, 429
	4	Downes et al. (2001)
V1113 Cyg	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Kato, T., Nogami, D., Masuda, S., Hirata, R. 1996, PASJ 48, 45
	4	Downes et al. (2001)
V1251 Cyg	1	Downes & Shara (1993) (Incorrect identification)
	2	Misselt (1996)
	3	Downes et al. (1997) (Star is not visible)
	4	Downes et al. (2001)
V1341 Cyg	1	Gottwald et al. (1991)
	2	Henden & Honeycutt (1997)
V1500 Cyg	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	de Young, J.A. 1993, IBVS No. 3963
	4	Downes et al. (2001)
V1504 Cyg	1	Downes & Shara (1993)
	2	Nogami, D., Masuda, S. 1997, IBVS No. 4532
	3	Downes et al. (2001)
V1513 Cyg	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1968, Lowell Obs. Bull. No. 144 (Vol. 7, No.7, p.67)

V1668 Cyg	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V1727 Cyg	1	Gottwald et al. (1991)
V1776 Cyg	1	Shafter, A.W., Lanning, H.H., Ulrich, R.K. 1983, PASP 95, 206
	2	Garnavich, P.M., et al. (9 authors) 1990, ApJ 365, 696
	3	Downes & Shara (1993)
	4	Lanning, H.H., Meakes, M. 1994, PASP 106, 38 (Lanning 90)
	5	Henden & Honeycutt (1995)
	6	Downes et al. (2001)
V1974 Cyg	1	Semeniuk, I., Pych, W., Olech, A., Ruszkowski, M. 1994, AA 44, 277
	2	Shara et al. (1997)
	3	Downes et al. (2001)
V2069 Cyg	1	Motch, C., et al. (6 authors) 1996, A&A 307, 459
	2	Downes et al. (1997)
	3	Downes et al. (2001)
V2176 Cyg	1	Kwast, T., Semeniuk., I. 1998, IBVS No. 4654
	2	Downes et al. (2001)
V2214 Cyg	1	Downes, R.A. 1986, ApJS 61, 569
V2274 Cyg	1	Buczynski, D., Masi, G. 2001, http://vsnet.kusastro. kyoto-u.ac.jp/vsnet/Novae/v2274cyg.html
	2	Downes et al. (2001) (object in minimum, not visible)
CM Del	1	Andronov, I.L., Borodina, I.G., Kolesnikov, S.V., Shakhovskoy, N.M., Shvechkova, N.A. 1993, IBVS No. 3932
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Downes et al. (2001)
EZ Del	1	Downes et al. (2001)
HO Del	1	Downes & Shara (1993)
	2	Downes et al. (2001)
HR Del	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
AA Dor	1	Luyten, W.J., Anderson, J.H. 1959, A Search for Faint Blue Stars. XVIII, University of Minnesota, Minneapolis
AB Dra	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CG Dra	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
CP Dra	1	Downes et al. (2001)
CQ Dra bc	1	Bonner Durchmusterung

DM Dra 1 Downes & Shara (1993)
2 Downes et al. (2001)
3 Vanmunster, T. 2001, http://www.cbabelgium.com/

DO Dra 1 Mukai et al. (1990)
2 Patterson, J., et al. (6 authors) 1992, ApJ 392, 233
3 Downes & Shara (1993)
4 Maccacaro et al. (1994)
5 Henden & Honeycutt (1995)
6 Misselt (1996)
7 Downes et al. (2001)

EP Dra 1 Remillard, R.A., Stroozas, B.A., Tapia, S., Silber, A. 1991, ApJ 379, 715
2 Downes & Shara (1993) (Object Dra 4)
3 Downes et al. (2001)

ES Dra 1 Downes & Shara (1993) (Object Dra 3)
2 Downes et al. (2001)

EX Dra 1 Maccacaro et al. (1994)
2 Downes et al. (1997) (Object Dra 5)
3 Fiedler, H., Barwig, H., Mantel, K.H. 1997, A&A 327, 173
4 Downes et al. (2001)

IX Dra 1 Klose, S. 1995, ApJ 446, 357
2 Downes et al. (1997) (Object Dra 6)
3 Downes et al. (2001)

KL Dra 1 Downes et al. (2001) (object near minimum, in front of an anonymous galaxy)
2 Wood, M.A., Casey, M.J., Garnavich, P.M., Haag, B. 2002, MNRAS 334, 87

KV Dra 1 Nogami, D., et al. (6 authors) 2000, A&A 364, 701
2 Downes et al. (2001)

XZ Eri 1 Vogt & Bateson (1982)
2 Downes & Shara (1993)
3 Downes et al. (2001)

AH Eri 1 Downes & Shara (1993)
2 Henden & Honeycutt (1997)
3 Downes et al. (2001)

AQ Eri 1 Kato, T. 1991, IBVS No. 3671
2 Downes & Shara (1993)
3 Misselt (1996)
4 Henden & Honeycutt (1997)
5 Downes et al. (2001)

CP Eri 1 Downes & Shara (1993)
2 Downes et al. (2001)

EF Eri 1 Downes & Shara (1993)
2 Shara et al. (1993)
3 Shara et al. (1997)
4 Downes et al. (2001)

HY Eri 1 Downes et al. (2001)

UZ For 1 Downes & Shara (1993)
2 Shara et al. (1997)

UZ For	3	Downes et al. (2001)
VY For	1	Downes & Shara (1993) (Object For 1)
	2	Downes et al. (2001)
U Gem	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
UV Gem	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
AW Gem	1	Downes & Shara (1993)
	2	Kato, T. 1996, PASJ 48, 777
	3	Downes et al. (2001)
DM Gem	1	Humason, M.L. 1938, ApJ 88, 228
	2	Duerbeck (1987) (idenification of the target at variance with Humason (1938) and Bode et al. (1989))
	3	Bode et al. (1989)
	4	Downes et al. (2001)
DN Gem	1	Williams (1983)
	2	Duerbeck (1987)
	3	Bode et al. (1989)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
IR Gem	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
PQ Gem	1	Andronov, I.L. 1993, IBVS No. 3828
	2	Mason, K.O., et al. (10 authors) 1992, MNRAS 258, 749
	3	Shara et al. (1993)
	4	Hilditch, R.W., Bell, S.A. 1994, MNRAS 266, 703
	5	Mason et al. (1995)
	6	Downes et al. (1997)
	7	Henden & Honeycutt (1997)
	8	Shara et al. (1997)
	9	Downes et al. (2001)
	10	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565,511 (K-band image)
RZ Gru	1	Kelly, B.D., Kilkenny, D., Cooke, J.A. 1981, MNRAS 196, 91P
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
CE Gru	1	Hawkins, M.R.S. 1981, Nat 293, 116 (Variable V1)
	2	Downes & Shara (1993) (Object Gru 2)
	3	Downes et al. (2001)
CF Gru	1	Hawkins, M.R.S., Veron, P. 1987, A&A 182, 271
	2	Downes & Shara (1993) (Object Gru 3)
	3	Downes et al. (2001)
CI Gru	1	Hawkins, M.R.S. 1981, Nat 293, 116
	2	Downes & Shara (1993) (Object Gru 1)
	3	Downes et al. (2001)
AH Her	1	Downes & Shara (1993)

AH Her	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
AM Her	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Shara et al. (1997)
	4	Downes et al. (2001)
DQ Her	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V446 Her	1	Cragg, T.A. 1960, PASP 72, 475
	2	Lowne, C.M. 1960, The Observatory 80, 222
	3	Duerbeck (1987)
	4	Bode et al. (1989)
	5	Henden & Honeycutt (1997)
	6	Honeycutt, R.K., Robertson, J.W., Turner, G.W., Henden, A.A. 1998, ApJ 495, 933 (object is a close triple!)
	7	Downes et al. (2001)
	8	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
V478 Her	1	Downes et al. (1997)
	2	Downes et al. (2001)
V533 Her	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V544 Her	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Spogli, C., Fiorucci, M., Tosti, G. 1998, A&AS 130, 485
	4	Downes et al. (2001)
V589 Her	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V592 Her	1	van Teeseling, A., Hessman, F.V., Romani, R.W. 1999, A&A 342, L45
	2	Downes et al. (2001)
V660 Her	1	Spogli, C., Fiorucci, M., Tosti, G. 1998, A&AS 130, 485
	2	Downes et al. (2001)
V795 Her	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V825 Her	1	Green et al. (1982)
	2	Downes & Shara (1993)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V838 Her	1	Harrison, T.E., Stringfellow, G.S. 1994, ApJ 437, 827 (Star in outburst)
	2	Szkody, P., Ingram, D. 1994, ApJ 420, 830 (Star near minimum)
	3	Downes et al. (2001) (Star near minimum)

V844 Her	1	Antipin, S.V. 1996, IBVS No. 4360 (Var 43 Her)
	2	Downes et al. (2001)
V849 Her	1	Green et al. (1986)
	2	Shara et al. (1993) (Object Her 2)
	3	Downes et al. (2001)
V884 Her	1	Szkody, P., et al. (8 authors) 1995, ApJ 455, L43
	2	Downes et al. (1997) (Object Her 5)
	3	Greiner, J., Remillard, R.A., Motch, C. 1998, A&A 336, 191
	4	Downes et al. (2001)
V1007 Her	1	Greiner, J., Schwarz, R., Wenzel, W. 1998, MNRAS 296, 437
	2	Downes et al. (2001)
WW Hor	1	Downes & Shara (1993)
	2	Downes et al. (2001)
CT Hya	1	Vogt & Bateson (1982
	2	Downes & Shara (1993)
	3	Nogami, D., Kato, T., Hirata, R. 1996, PASJ 48, 607
	4	Downes et al. (2001)
EX Hya	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Sterken, C., Vogt, N. 1999, J. Astron. Data 1-5, 13
	4	Downes et al. (2001)
LY Hya	1	Echevarria, J., Pocock, A.S., Penston, M.V., Blades, J.C. 1983, MNRAS 205, 559
	2	Downes & Shara (1993) (Object Hya 2)
	3	Downes et al. (2001)
MM Hya	1	Green et al. (1982)
	2	Downes & Shara (1993) (Object Hya 1)
	3	Downes et al. (2001)
MN Hya	1	Sekiguchi, K., Nakada, Y., Bassett, B. 1994, MNRAS 266, L51
	2	Downes et al. (1997) (Object Hya 4)
	3	Downes et al. (2001)
VW Hyi	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Shara et al. (1997)
	4	Downes et al. (2001)
WX Hyi	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BL Hyi	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Downes et al. (2001)
CV Hyi	1	Burwitz, V., Reinsch, K., Beuermann, K., Thomas, H.-C. 1997, A&A 327, 183
	2	Downes et al. (2001)
CD Ind	1	Vennes, S., Wickramasinghe, D.T., Thorstensen, J.R., Christian, D.J., Bessell, M.S. 1996, AJ 112, 2254
	2	Downes et al. (1997) (Object Ind 1)
	3	Downes et al. (2001)

DI Lac 1 Duerbeck (1987)
2 Bode et al. (1989)
3 Henden & Honeycutt (1997)
4 Downes et al. (2001)

T Leo 1 Downes & Shara (1993)
2 Misselt (1996)
3 Henden & Honeycutt (1997)
4 Downes et al. (2001)

U Leo 1 Henden & Honeycutt (1995)
2 Downes et al. (2001)

X Leo 1 Downes & Shara (1993)
2 Misselt (1996)
3 Downes et al. (2001)

RZ Leo 1 Downes & Shara (1993)
2 Misselt (1996)
3 Mennickent, R.E., Sterken, C., Gieren, W., Unda, E. 1999, A&A 352, 239
4 Downes et al. (2001)

DO Leo 1 Downes & Shara (1993)
2 Henden & Honeycutt (1995)
3 Downes et al. (2001)

DP Leo 1 Downes & Shara (1993)
2 Maccacaro et al. (1994)
3 Henden & Honeycutt (1997)
4 Downes et al. (2001)

GG Leo 1 Burwitz, V., et al. (10 authors) 1998, A&A 331, 262
2 Downes et al. (2001)

RU LMi 1 Pesch, P., Sanduleak, N. 1986, ApJS 60, 543
2 Bruch et al. (1987)
3 Mukai et al. (1990)
4 Downes & Shara (1993)
5 Downes et al. (2001)

RZ LMi 1 Green et al. (1982)
2 Downes & Shara (1993)
3 Downes et al. (2001)

ST LMi 1 Downes & Shara (1993)
2 Henden & Honeycutt (1995)
3 Downes et al. (2001)

SX LMi 1 Sanduleak, N., Pesch, P. 1984, ApJS 55, 517
2 Downes & Shara (1993)
3 Henden & Honeycutt (1995)
4 Wagner, R.M., et al. (9 authors) 1998, AJ 115, 787 (SX LMi has a V=19 companion 1.95 arcseconds away)
5 Downes et al. (2001)

WX LMi 1 Downes et al. (2001)
2 Schwarz, R., Schwope, A.D., Staude, A. 2001, A&A 374, 18
3 Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)

GW Lib 1 Duerbeck (1987)
2 Downes et al. (2001)

HP Lib	1	Downes et al. (1997) (Object Lib 5)
	2	Downes et al. (2001)
BR Lup	1	Downes & Shara (1993)
	2	Downes et al. (2001)
IL Lup	1	Pedersen, H. 1983, ESO Messenger 34, 21
	2	Chevalier, C. 1989, in: Two Topics in X-Ray Astronomy, Proc. 23rd ESLAB Symp., J. Hunt and B. Battrick (eds.), ESA SP-296, p. 341
BH Lyn	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
BK Lyn	1	Downes & Shara (1993) (Object Cnc 1)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
BP Lyn	1	Downes & Shara (1993) (Object Lyn 1)
	2	Henden & Honeycutt (1997)
	3	Downes et al. (2001)
DN Lyn	1	
AY Lyr	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CY Lyr	1	Downes & Shara (1993)
	2	Downes et al. (2001)
DM Lyr	1	Downes & Shara (1993) (identification uncertain)
	2	Downes et al. (2001)
LL Lyr	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
MV Lyr	1	Rosino, L., Romano, G., Marziani, P. 1993, PASP 105, 51
	2	Downes & Shara (1993)
	3	Henden & Honeycutt (1995)
	4	Downes et al. (2001)
V344 Lyr	1	Bruch et al. (1987)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V419 Lyr	1	Downes & Shara (1993)
	2	Nogami, D., Kato, T., Masuda, S. 1998, PASJ 50, 411
	3	Downes et al. (2001)
V477 Lyr	1	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	2	Acker et al. (1992) (PN G055.4+16.0)
	3	Pollaco, D.L., Bell, S.A. 1994, MNRAS 267, 452
	4	Pollaco, D.L., Bell, S.A. 1997, MNRAS 284, 32
TU Men	1	Downes & Shara (1993)
	2	Downes et al. (2001)
AH Men	1	Downes & Shara (1993) (Object Men 1)
	2	Buckley, D.A.H., Remillard, R.A., Tuohy, I.R., Warner, B., Sullivan, D.J. 1993, MNRAS 265, 926
	3	Downes et al. (2001) (Object is the southeast component of the blended double shown)

BT Mon	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
CW Mon	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
V616 Mon	1	Gottwald et al. (1991)
V651 Mon	1	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	2	Acker et al. (1992) (PN G215.6+03.6)
	3	Kohoutek, L. 1995, A&AS 113, 107
GQ Mus	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
GR Mus	1	Griffiths, R.E., et al. (8 authors) 1978, Nat 276, 247 (Star No. 30)
GU Mus	1	Della Valle, M., Jarvis, B.J., West, R.M. 1991, Nat 353, 50
	2	Della Valle, M., Jarvis, B.J., West, R.M. 1991, A&A 247, L33
	3	Bailyn, C.D. 1992, ApJ 391, 298
	4	Gelino, D.M., Harrison, T.E., McNamara, B.J. 2001, AJ 122, 971
	5	Hynes, R.I., et al. (6 authors) 2002, MNRAS, in press = astro-ph/0211578
LZ Mus	1	Downes et al. (2001) (no candidate)
AB Nor	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
QX Nor	1	Grindlay, J.E., Liller, W. 1978, ApJ 220, L127
	2	Wachter, S. 1997, ApJ 485, 839
	3	Wachter, S., Hoard, D.W., Bailyn, C.D., Corbel, S., Kaaret, P. 2002, ApJ 568, 901 (in minimum)
V381 Nor	1	Jain, R.K., Bailyn, C.D., Orosz, J.A., Remillard, R.A., McClintock, J.E. 1999, ApJ 517, L131 (in outburst)
	2	Sanchez-Fernandez, C., et al. (14 authors) 1999, A&A 348, L9 (target too faint, orientation: east to the right, north up)
	3	Jain, R.K., et al. (6 authors) 2001, ApJ 546, 1086 (target near minimum)
AO Oct	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BE Oct	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V380 Oph	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V426 Oph	1	Downes & Shara (1993)
	2	Misselt (1996)

V426 Oph	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V442 Oph	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V841 Oph	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V849 Oph	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V2051 Oph	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V2107 Oph	1	Griffiths, R.E., et al. (11 authors) 1978, ApJ 221, L63
	2	Duerbeck (1987)
	3	Martin, A.C., Casares, J., Charles, P.A., van der Hooft, F., van Paradijs, J. 1995, MNRAS 274, L46
	4	Remillard, R.A., Orosz, J.A., McClintock, J.E., Bailyn, C.D. 1996, ApJ 459, 226
V2134 Oph	1	Wachter, S., Smale, A.P., Bailyn, C. 2000, ApJ 534, 367
	2	Wijnands, R., et al. (6 authors) 2002, ApJ, subm. = astro-ph/0207094
V2214 Oph	1	Baptista, R., Jablonski, F.J., Cieslinski, D., Steiner, J.E. 1993, ApJ 406, L67
	2	Downes et al. (2001)
V2216 Oph	1	Gottwald et al. (1991)
	2	Deutsch, E.W., Margon, B., Bland-Hawthorn, J. 1998, PASP 110, 912
V2293 Oph	1	Della Valle, M., Mirabel, L.F., Rodriguez, L.F. 1994, A& 290, 803
	2	Masetti, N., Bianchini, A., Bonibaker, J., Della Valle, M., Vio, R. 1996, A&A 314, 123
V2301 Oph	1	Downes & Shara (1993) (Object Oph 1)
	2	Barwig, H., Ritter, H., Baernbantner, O. 1994, A&A 288, 204
	3	Silber, A., Remillard, R.A., Horne, K., Bradt, H.V. 1994, ApJ 424, 955
	4	Downes et al. (2001)
V2400 Oph	1	Buckley, D.A.H., et al. (8 authors) 1995, MNRAS 275, 1028
	2	Downes et al. (1997) (Object Oph 3)
	3	Downes et al. (2001)
CN Ori	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CZ Ori	1	Vogt & Bateson (1982)
	2	Williams (1983)
	3	Downes & Shara (1993)
	4	Misselt (1996)
	5	Downes et al. (2001)

V1055 Ori	1	Gottwald et al. (1991)
V1159 Ori	1	Natsvilshvili, R.Sh. 1984, IBVS No. 2565
	2	Jablonski, F.J., Cieslinski, D. 1992, A&A 259, 198
	3	Downes et al. (1997)
	4	Henden & Honeycutt (1997)
	5	Thorstensen, J.R., Taylor, C.J., Becker, C.M., Remillard, R.A. PASP 109, 477
	6	Downes et al. (2001)
V1193 Ori	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
V1309 Ori	1	Walter, F.M., Wolk, S.J., Adams, N.R. 1995, ApJ 440, 834
	2	Downes et al. (1997) (Object Ori 1)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
BD Pav	1	Downes & Shara (1993)
	2	Downes et al. (2001)
GS Pav	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V345 Pav	1	Buckley, D.A.H., O'Donoghue, D., Kilkenny, D., Stobie, R.S., Remillard, R.A. 1992, MNRAS 258, 285
	2	Downes et al. (1997)
	3	Downes et al. (2001)
V347 Pav	1	O'Donoghue, D., Mason, K.O., Chen, A., Hassall, B.J.M., Watson, M.G. 1993, MNRAS 265, 545
	2	Shara et al. (1993)
	3	Mason et al. (1995)
	4	Downes et al. (1997) (Object Pav 2)
	5	Shara et al. (1997)
	6	Downes et al. (2001)
V349 Pav	1	Wickramasinghe, D.T., et al. (7 authors) 1993, MNRAS 265, L29
	2	Drissen, L., Shara, M.M., Dopita, M., Wickramasinghe, D.T. 1994, AJ 107, 2172
	3	Downes et al. (1997) (Object Pav 1)
	4	Downes et al. (2001)
V393 Pav	1	Thomas, H.-C., Beuermann, K., Schwope, A.D., Burwitz, V. 1996, A&A 313, 833
	2	Downes et al. (1997) (Object Pav 4)
	3	Downes et al. (2001)
RU Peg	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
EF Peg	1	Downes & Shara (1993)
	2	Howell, S.B., et al. (6 authors) 1993, PASP 105, 579
	3	Downes et al. (2001) (object is 5 arcs away at 305 degrees from GSC 1117.2025)
HX Peg	1	Green, R.F., Greenstein, J.L., Boksenberg, A. 1976, PASP 88, 598
	2	Downes & Shara (1993)
	3	Henden & Honeycutt (1995)

HX Peg	4	Downes et al. (2001)
IK Peg	1	Shara et al. (1993)
	2	Shara et al. (1997)
IP Peg	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
IR Peg	1	Green et al. (1986)
LQ Peg	1	Downes & Shara (1993) (Object Peg 6)
	2	Henden & Honeycutt (1997)
	3	Downes et al. (2001)
LS Peg	1	Downes & Shara (1993) (Object Peg 2)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
MS Peg	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1965, Lowell Obs. Bull. No. 125 (Vol. 6, No. 6, p. 155)
V369 Peg	1	Kondo, M., Noguchi, T., Maehara, H. 1984, Ann. Tokyo Astron. Obs. 20, 130
	2	Antipin, S.V. 1998, IBVS No. 4578
	3	Downes et al. (2001)
V Per	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
TZ Per	1	Bruch et al. (1987), erratum in A&AS 74, 351 (1988)
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Downes et al. (2001)
UV Per	1	Kato, T. 1990, IBVS No. 3522
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Thorstensen, J.R., Taylor, C.J. 1997, PASP 109, 1359
	6	Downes et al. (2001)
FY Per	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
GK Per	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
KT Per	1	Williams (1983)
	2	Bruch et al. (1987)
	3	Downes & Shara (1993)
	4	Misselt (1996)
	5	Henden & Honeycutt (1997)
	6	Downes et al. (2001)
PU Per	1	Bruch et al. (1987) (Star is not visible)
	2	Downes & Shara (1993) (Incorrect identification)
	3	Kato, T., Nogami, D. 1995, IBVS No. 4620
	4	Downes et al. (1997) (Star is not visible)

PU Per	5	Downes et al. (2001)
PV Per	1	Downes & Shara (1993)
	2	Downes et al. (2001)
PY Per	1	Downes & Shara (1993) (PY Per is misidentified in this finding chart. PY Per is the southeast object of the pair; see Taylor, C.J., Thorstensen, J.R. 1996, PASP 108, 894)
	2	Misselt (1996)
	3	Downes et al. (1997) (Star is not visible)
	4	Downes et al. (2001)
QY Per	1	Downes & Shara (1993) (QY Per is misidentified in this finding chart. QY Per is not visible on this chart)
	2	Downes et al. (1997) (Star is not visible)
	3	http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/DNe/qyper.html (Star visible in outburst)
	4	Downes et al. (2001)
V518 Per	1	Castro-Tirado, A.J., et al. (6 authors) 1993, A&A 276, L37
	2	Harlaftis, E., Charles, P. 1993, Gemini, Newsletter of the RGO No. 42, 6
	3	Callanan, P.J., et al. (10 authors) 1995, ApJ 441, 786
	4	Chevalier, C., Ilovaisky, S.A. 1995, A&A 297, 103
	5	Karitskaya, E.A., Goranskij, V.P. 1995, Space Sci. Rev. 74, 489
	6	Goranskii, V.P., Karitskaya, E.A., Kurochkin, N.E., Trunkovskii, E.M. 1996, Astron. Letters 22, 371
	7	Castro-Tirado, A.J., Ortiz, J.L., Gallego, J. 1997, A&A 322, 507
CM Phe	1	Jaidee, S., Lynga, G. 1969, Ark. Astron. 5, 345 (JL 181)
	2	Downes et al. (1997)
	3	Downes et al. (2001)
	4	Hoard, D.W., Wachter, S., Kim-Quijano, J. 2001, PASP 113, 482
RR Pic	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
TW Pic	1	Downes & Shara (1993)
	2	Downes et al. (2001)
UW Pic	1	Shara et al. (1993) (UW Pic is the northern component of the close pair on the chart for RE 0531-462)
	2	Reinsch, K., Burwitz, V., Beuermann, K., Schwope, A.D., Thomas, H.-C. 1994, A&A 291, L27 (close pair of stars is unresolved)
	3	Downes et al. (1997) (Object Pic 1; incorrect identification; Pic 1 is then orthern component of the close pair)
	4	Downes et al. (2001)
TY Psc	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
AO Psc	1	Downes & Shara (1993)
	2	Downes et al. (2001)

AY Psc	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
TY PsA	1	Downes & Shara (1993)
	2	Downes et al. (2001)
UY Pup	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
VV Pup	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Downes et al. (2001)
BV Pup	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BX Pup	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
CP Pup	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
DY Pup	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
HZ Pup	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V347 Pup	1	Buckley, D.A.H., Sullivan, D.J., Remillard, R.A., Tuohy, I.R., Clark, M. 1990, ApJ 355, 617
	2	Downes & Shara (1993) (Object Pup 2)
	3	Downes et al. (2001)
V348 Pup	1	Tuohy, I.R., Remillard, R.A., Brissenden, R.J.V., Bradt, H.V. 1990, ApJ 359, 204
	2	Downes & Shara (1993) (Object Pup 1)
	3	Downes et al. (2001)
V351 Pup	1	Downes, R.A., Duerbeck, H.W. 2000, AJ 120, 2007
	2	Downes et al. (2001)
V516 Pup	1	Downes et al. (2001)
T Pyx	1	Duerbeck (1987)
	2	Downes et al. (2001)
VW Pyx	1	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	2	Acker et al. (1992) (PN G253.5+10.7)
VZ Pyx	1	Downes & Shara (1993) (Object Pyx 1)
	2	Remillard, R.A., et al. (8 authors) 1994, ApJ 428, 785
	3	Kato, T., Nogami, D. 1997, PASJ 49, 481
	4	Downes et al. (2001)
WX Pyx	1	Hertz, P., et al. (6 authors) 1990, ApJ 364, 251
	2	Downes & Shara (1993) (Object Pyx 2)
	3	Downes et al. (2001)

V Sge	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
RZ Sge	1	Downes & Shara (1993)
	2	Kato, T. 1996, IBVS No. 4369
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
UU Sge	1	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	2	Acker et al. (1992) (PN G053.8-03.3)
	3	Pollaco, D.L., Bell, S.A. 1997, MNRAS 284, 32
WY Sge	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
WZ Sge	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
	5	Henden, A.A., Landolt, A.U. 2001, IBVS No. 5166 (star in outburst)
AW Sge	1	Downes & Shara (1993) (star not visible)
	2	Masi, G., Tosti, M.A. 2000, http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet-campaign/msg00374.html
	3	Downes et al. (2001)
QR Sge	1	Acker et al. (1992) (PN G050.1+03.3)
V617 Sgr	1	Cieslinski, D., Steiner, J.E., Jablonski, F.J. 1998, A&A 131, 119
	2	Downes et al. (2001)
V630 Sgr	1	Duerbeck (1987) (very crowded field)
	2	Bode et al. (1989) (very crowded field)
	3	Downes et al. (2001) (very crowded field)
V729 Sgr	1	Cieslinski, D., Steiner, J.E., Jablonski, F.J. 1998, A&A 131, 119
	2	Downes et al. (2001)
V909 Sgr	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V1017 Sgr	1	Humason, M.L. 1938, ApJ 88, 228
	2	Vidal, N.V., Rodgers, A.W. 1973, PASP 86, 26
	3	Williams (1983)
	4	Duerbeck (1987)
	5	Downes et al. (2001)
V1223 Sgr	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V3885 Sgr	1	Metz, K. 1990, IBVS No. 3413
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
V4077 Sgr	1	Duerbeck (1987)
	2	Bode et al. (1989)

V4077 Sgr	3	Downes et al. (2001)
V4134 Sgr	1	Mason, K.O., Parmar, A.N., White, N.E. 1985, MNRAS 216, 1033
	2	Wachter, S., Smale, A.P. 1998, ApJ 396, L21
V4140 Sgr	1	Downes & Shara (1993)
	2	Downes et al. (2001)
V4580 Sgr	1	Giles, A.B., Hill, K.M., Greenhill, J.G. 1999, MNRAS 304, 47
	2	Homer, L., Charles, P.A., Chakrabarty, D., van Zyl, L. 2001, MNRAS 325, 1471
	3	Campana, S., et al. (9 authors) 2002, ApJ 575, L15 (X-ray map)
V4633 Sgr	1	Downes et al. (2001)
V4634 Sgr	1	Barret, D., Motch, C., Pietsch, W. 1995, A&A 303, 526
	2	Homer, L., Charles, P.A., O'Donoghue, D. 1998, MNRAS 298, 497
V4641 Sgr	1	Orosz, J. 2000, IBVS No. 4921
	2	Uemura, M., et al. (6 authors) 2002, PASJ 54, 95
V4738 Sgr	1	Burwitz, V., Reinsch, K., Beuermann, K., Thomas, H.-C. 1997, A&A 327, 183
	2	Downes et al. (2001)
U Sco	1	Duerbeck (1987)
	2	Budzinovskaya, I.A., Pavlenko, E.P., Shugarov, S.Yu. 1992, SvA Letters 18, 201
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
MM Sco	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
	4	Monard. B. 2002, http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/DNe/mmsco.html
V697 Sco	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Downes et al. (2001)
V818 Sco	1	Gottwald et al. (1991)
	2	Shara et al. (1993)
	3	Henden & Honeycutt (1997)
	4	Shara et al. (1997)
V893 Sco	1	Kato, T., Haseda, K., Takamizawa, K., Kazarovets, E.V., Samus, N.N. 1998, IBVS No. 4585
	2	Thorstensen, J.R. 1999, IBVS No. 4749
	3	Downes et al. (2001)
V926 Sco	1	Jernigan, J.G., Apparao, K.M.V., Bradt, H.V., Doxsey, R.E., McClintock, J.E. 1977, Nat 270, 321
V992 Sco	1	Downes et al. (2001)
V1033 Sco	1	Bailyn, C.D., et al. (12 authors) 1955, Nat 374, 701
V1101 Sco	1	Reid et al. (1980) (Star No. 6)
	2	Cooke, B.A., Ponman, T.J. 1991, A&A 244, 358 (Star No. 6)

V1101 Sco	3	Wachter, S., Margon, B. 1996, AJ 112, 2684
VY Scl	1	Downes & Shara (1993)
	2	Downes et al. (2001)
VZ Scl	1	Downes & Shara (1993)
	2	Downes et al. (2001)
BW Scl	1	Abbott, T.M.C., Fleming, T.A., Pasquini, L. 1997, A&A 318, 134
	2	Lamontagne, R., Demers, S., Wesemael, F., Fontaine, G., Irwin, M.J. 2000, AJ 119, 241 (MCT 2350-3908)
	3	Downes et al. (2001)
X Ser	1	Williams (1983)
	2	Duerbeck (1987)
	3	Bode et al. (1989)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
UZ Ser	1	Downes & Shara (1993)
	2	Downes et al. (2001)
CT Ser	1	Wyckoff, S., Wehinger, P.A. 1978, PASP 90, 557
	2	Duerbeck (1987)
	3	Bode et al. (1989)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
LX Ser	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
MM Ser	1	Gottwald et al. (1991)
MR Ser	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
MT Ser	1	Grauer, A.D., Bond, H.E. 1983, ApJ 271, 259
	2	Acker et al. (1992) (PN G009.6+10.5)
	3	Pollaco, D.L., Bell, S.A. 1997, MNRAS 284, 32
NN Ser	1	Green et al. (1982)
	2	http://www.hq.eso.org/outreach/info-events/ut1fl/astroim-stars.html
NY Ser	1	Green et al. (1986)
	2	Shara et al. (1993) (Object Ser 1)
	3	Downes et al. (2001)
QW Ser	1	Downes et al. (2001)
QZ Ser	1	Downes et al. (2001)
RW Sex	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
SW Sex	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
UZ Sex	1	Bruch, A., Diaz, M.P. 1999, A&A 351, 573

V471 Tau	1	Shara et al. (1993)
	2	Shara et al. (1997)
V701 Tau	1	Downes et al. (1997) (Star is not visible)
	2	Downes et al. (2001)
V1062 Tau	1	Downes & Shara (1993) (Object Tau 1)
	2	Remillard, R.A., et al. (8 authors) 1994, ApJ 428, 785
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
V1208 Tau	1	Mothch, C., et al. (6 authors) 1996, A&A 307, 405
	2	Downes et al. (1997)
	3	Downes et al. (2001)
KK Tel	1	Vogt & Bateson (1982)
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
	4	Nelson, P. 2002, http://vsnet.kusastro.kyoto-u.ac.jp/ vsnet/DNe/kktel.html (in outburst)
QS Tel	1	Buckley, D.A.H., et al. (9 authors) 1993, MNRAS 262, 93
	2	Shara et al. (1993)
	3	Mason et al. (1995)
	4	Downes et al. (1997)
	5	Shara et al. (1997)
	6	Downes et al. (2001)
RW Tri	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
TW Tri	1	Downes & Shara (1993)
	2	Downes et al. (2001)
UW Tri	1	Duerbeck (1987) (target not visible)
	2	Robertson, J.W., Honeycutt, R.K., Hillwig, T., Jurcevic, J.S., Henden, A.A. 2000, AJ 119, 1365
	3	Downes et al. (2001) (target not visible)
WY Tri	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
AI Tri	1	Schwarz, R., et al. (15 authors) 1998, A&A 338, 465
	2	Downes et al. (2001)
EK TrA	1	Downes & Shara (1993) (note: object marked is incorrect; as true object is the brighter star to the southwest)
	2	Downes et al. (2001)
KZ TrA	1	Bradt, H., et al. (6 authors) 1977, Nat 269, 496 (Star No. 4)
LU TrA	1	Apparao, K.M.V., et al. (6 authors) 1978, Nat 271, 225 (Star No. 43)
	2	Reid et al. (1980) (Star No. 43)
	3	Motch, C., Pakull, M.W., Mouchet, M., Beuermann, K. 1989, A&A 219, 158
CP Tuc	1	Thomas, H.-C., Reinsch, K. 1996, A&A 315, L1
	2	Downes et al. (1997) (Object Tuc 2)

CP Tuc	3	Downes et al. (2001)
SU UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
SW UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
UX UMa	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
AN UMa	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Henden & Honeycutt (1995)
	4	Shara et al. (1997)
	5	Downes et al. (2001)
AR UMa	1	Remillard, R.A., Schachter, J.F., Silber, A., Slane, P. 1994, ApJ 426, 288
	2	Downes et al. (1997)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
BC UMa	1	Barbieri, C., et al. (6 authors) 1985, A&AS 61, 163 (No. 43)
	2	Mukai et al. (1990)
	3	Downes & Shara (1993)
	4	Misselt (1996)
	5	Downes et al. (2001)
BE UMa	1	Barbieri, C., et al. (6 authors) 1985, A&AS 61, 163 (No. 51)
	2	Liebert, J., Tweedy, R.W., Napiwotzki, R., Fulbright, M.S. 1995, ApJ 441, 424
BZ UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
CH UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
CI UMa	1	Bruch et al. (1987)
	2	Mukai et al. (1990)
	3	Downes & Shara (1993)
	4	Downes et al. (2001)
CY UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
DI UMa	1	Downes & Shara (1993)
	2	Kato, T., Nogami, D., Baba, H. 1996, PASJ 48, L93
	3	Downes et al. (2001)
DV UMa	1	Mukai et al. (1990)

DV UMa	2	Downes & Shara (1993)
	3	Downes et al. (2001)
DW UMa	1	Downes & Shara (1993)
	2	Henden & Honeycutt (1995)
	3	Downes et al. (2001)
EG UMa	1	Downes & Shara (1993)
	2	Downes et al. (2001)
EI UMa	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
EK UMa	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Maccacaro et al. (1994)
	4	Shara et al. (1997)
	5	Downes et al. (2001)
ER UMa	1	Green et al. (1986)
	2	Downes & Shara (1993) (Object UMa 1)
	3	Henden & Honeycutt (1995)
	4	Misselt (1996)
	5	Downes et al. (2001)
EU UMa	1	Mittaz, J.P.D., Rosen, S.R., Mason, K.O., Howell, S.B. 1992, MNRAS 258, 277
	2	Shara et al. (1993)
	3	Mason et al. (1995)
	4	Downes et al. (1997)
	5	Shara et al. (1997)
	6	Downes et al. (2001)
EV UMa	1	Shara et al. (1993)
	2	Osborne, J.P., et al. (8 authors) 1994, MNRAS 270, 650
	3	Mason et al. (1995)
	4	Downes et al. (1997)
	5	Downes et al. (2001)
FH UMa	1	Singh, K.P., et al. (10 authors) 1996, ApJ 453, L95
	2	Downes et al. (1997) (Object UMa 9)
	3	Downes et al. (2001)
IY UMa	1	Uemura, M., et al. (18 authors) 2000, PASJ 52, L9
	2	Downes et al. (2001)
KS UMa	1	Downes et al. (2001)
	2	http://cba.phys.columbia.edu/graphics/charts/sbs1017.gif
KV UMa	1	Uemura, M., et al. (10 authors) 2000, PASJ 52, L15
	2	http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Xray/xtej1118.h
	3	http://cba.phys.columbia.edu/charts/old/xte1118+48b.html
RW UMi	1	Duerbeck (1987)
	2	Bode et al. (1989)
	3	Kaluzny, J., Chlebowski, T. 1989, AA 39, 35
	4	Bianchini, A., Tappert, C., Osborne, H., Canterna, R., Tamburini, F. 2001, astro-ph/0107583 (pre-outburst POSS plate, object invisible)
	5	Downes et al. (2001)
SS UMi	1	Chen, J.-S., Liu, X.-W., Wei, M.-Z. 1990, A&A 242, 397

SS UMi	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
CU Vel	1	Downes & Shara (1993)
	2	Downes et al. (2001)
	3	Heathcote, B. 2002, http://vsnet.kusastro.ktoto-u.ac.jp./ vsnet/DNe/cuvel0212.html (in superoutburst)
	4	Nelson, P. 2002, http://vsnet.kusastro.ktoto-u.ac.jp./ vsnet/DNe/cuvel0212.html (in superoutburst)
IX Vel	1	Downes & Shara (1993)
	2	Shara et al. (1993)
	3	Shara et al. (1997)
	4	Downes et al. (2001)
KO Vel	1	Downes & Shara (1993)
	2	Downes et al. (2001)
KV Vel	1	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	2	Acker et al. (1992) (PN G283.9+09.7)
MM Vel	1	Bailyn, C.D., Orosz, J.A. 1995, ApJ 440, L73
	2	Shahbaz, T., van der Hooft, F., Charles, P.A., Casares, J., van Paradijs, J. 1996, MNRAS 282, L47
	3	Masetti, N., Bianchini, A., Della Valle, M. 1997, A&A 317, 769
	4	Della Valle, M., Benetti, S., Cappellaro, E., Wheeler, C. 1997, A&A 318, 179
	5	Filippenko, A.V., et al. (6 authors) 1999, PASP 111, 969
MR Vel	1	Motch, C., Hasinger, G., Pietsch, W. 1994, A&A 284, 827
	2	Downes et al. (2001)
V381 Vel	1	Greiner, J., Schwarz, R. 1998, A&A 340, 129
	2	Vennes, S., Ferrario, L., Wickramasinghe, D. 1999, Annapolis Workshop on Magnetic Cataclysmic Variables, eds. C. Hellier and Mukai, ASP Conf. Ser. Vol. 157, p. 143
	3	Downes et al. (2001)
V382 Vel	1	Downes et al. (2001)
TW Vir	1	Downes & Shara (1993)
	2	Misselt (1996)
	3	Downes et al. (2001)
GK Vir	1	Green, R.F., Richstone, D.O., Schmidt, M. 1978, ApJ 224, 892
HS Vir	1	Green et al. (1982)
	2	Downes & Shara (1993)
	3	Misselt (1996)
	4	Henden & Honeycutt (1997)
	5	Downes et al. (2001)
HV Vir	1	Duerbeck (1987)
	2	Misselt (1996)
	3	Downes et al. (2001)
HW Vir	1	Green et al. (1986) (PG 1241-084)
NY Vir	1	Green et al. (1986) (PG 1336-018)

OU Vir
1 Downes et al. (1997) (Object Vir 4)
2 Downes et al. (2001)

UY Vol
1 Wade, R.A., Quintana, H., Horne, K., Marsh, T.R. 1985, PASP 97, 1092

VW Vul
1 Andronov, I.L., Borodina, I.G., Kolesnikov, S.V., Shakhovskoy, N.M., Shvechkova, N.A. 1993, IBVS No. 3932
2 Downes & Shara (1993)
3 Misselt (1996)
4 Downes et al. (2001)

PW Vul
1 Bode et al. (1989)
2 Ringwald, F.A., Naylor, T. 1996, MNRAS 278, 808
3 Downes et al. (2001)
4 Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511, for the chart see erratum in ApJ 569, 1037 (J-band image, identification uncertain)

QQ Vul
1 Andronov, I.L., Borodina, I.G., Kolesnikov, S.V., Shakhovskoy, N.M., Shvechkova, N.A. 1993, IBVS No. 3932
2 Downes & Shara (1993)
3 Shara et al. (1993)
4 Henden & Honeycutt (1995)
5 Shara et al. (1997)
6 Downes et al. (2001)

QU Vul
1 Duerbeck (1987)
2 Bode et al. (1989)
3 Downes et al. (2001)

QZ Vul
1 Chevalier, C., Ilovaisky, S.A. 1990, A&A 238, 163
2 Gottwald et al. (1991)

V405 Vul
1 Richter, G.A., Greiner, J., Kroll, P. 1998, IBVS No. 4622
2 Downes et al. (2001)

V406 Vul
1 Zurita, C., et al. (14 authors) 2002, MNRAS 334, 999

V407 Vul
1 Motch, C., et al. (6 authors) 1996, A&A 307, 459 (Star H, see Cropper, M., et al. 1998 MNRAS, 293,L57)
2 Ramsay, G., Cropper, M., Mason, K., Hakala, P. 1999, in: Annapolis Workshop on Magnetic Cataclysmic Variables, eds. C. Hellier and K. Mukai, ASP Conf. Ser. Vol. 157, p. 153
3 Ramsay, G., Cropper, M., Wu, K., Mason, K.O., Hakala, P. 1999, MNRAS 311, 75
4 Downes et al. (2001)
5 Ramsay, G., et al. (7 authors) 2002, MNRAS 333, 575

Abell 65
1 Acker et al. (1982a) (FC No. 384)
2 Bond, H.E., Livio, M. 1990, ApJ 355, 568
3 Acker et al. (1992) (PN G017.3-21.9)
4 Walsh, J.R., Walton, N.A. 1996, A&A 315, 253
5 Pollaco, D.L., Bell, S.A. 1997, MNRAS 284, 32

AC 211
1 Charles, P.A., Clarkson, W.I., van Zyl, L. 2002, New Astron. 7, 21 (HST finding chart)
2 White, N.E., Angelini, L. 2001, ApJ 561, L101

AKO 9	1	Minniti, D., et al. (6 authors) 1997, ApJ 474, L27
	2	Downes et al. (2001)
	3	Grindaly, J.E., Heinke, C., Edmonds, P.D., Murray, S.S. 2001, Science 292, 2290
	4	Knigge, C., Shara, M.M., Zurek, D.R., Long, K.S., Gilliland, R.L. 2002, in: Stellar Collisions, Mergers and their Consequences, M.M. Shara (ed.), ASP Conf. Ser. Vol. 263, 137
BPM 71214	1	Kawka, A., Vennes, S., Koch, R., Williams, A. 2002, AJ 124, 2853
CAL 83	1	Schmidtke, P.C., et al. (6 authors) 1994, PASP 106, 843
CAL 86	1	Schmidtke, P.C., et al. (6 authors) 1994, PASP 106, 843 (Star 2)
	2	Downes et al. (2001)
CAL 87	1	Pakull, M.W., Beuermann, K., van der Klis, M., van Paradijs, J. 1988, A&A 203, L27
CE 315	1	Downes et al. (2001)
	2	Ruiz, M.T., Wischnjewsky, M., Rojo, P.M., Gonzalez, L.E. 2001, ApJS 133, 119
CV 496-083	1	
Feige 11	1	Feige, J. 1959, ApJ 129, 600
Feige 24	1	Turnshek, D.A., et al. (7 authors) 1990, AJ 99, 1243
	2	Shara et al. (1993)
	3	Shara et al. (1997)
Feige 36	1	Feige, J. 1959, ApJ 129, 600
Feige 55	1	Feige, J. 1959, ApJ 129, 600
G 203-47A	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1967, Lowell Obs. Bull. No. 138 (Vol. 7, No. 1, p. 1)
GD 552	1	Downes & Shara (1993) (Object Cep 1)
	2	Downes et al. (2001)
HD 49798	1	Turnshek, D.A., et al. (7 authors) 1990, AJ 99, 1243
HD 171858	1	Henry Draper Catalogue
Hf 2-2	1	Acker et al. (1982a) (FC No. 315)
	2	Acker et al. (1992) (PN G005.1-08.9)
HtTr 4	1	Hartl, H., Tritton, S.B. 1985, A&A 145, 41
	2	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	3	Acker et al. (1992) (PN G335.2-03.6)
HZ 9	1	in: First Conference on Faint Blue Stars, W.J. Luyten (ed.), University of Minnesota, Minneapolis, 1965, p. 121
	2	Kondo et al. (1984)
LD 317	1	Dahlmark, L. 1999, IBVS No. 4734
	2	Downes et al. (2001)
Leo 7	1	Downes et al. (1997)

Leo 7	2	Downes et al. (2001)
LMC X-2	1	Johnston, M.D., Bradt, H.V., Doxsey, R.E. 1979, ApJ 233, 514 (Star No. 22)
L870-2	1	Luyten, W.J. 1949, ApJ 109, 528
	2	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1973, Lowell Obs. Bull. No. 160 (Vol. 7, No. 23, p. 273)
M 5-V101	1	Margon, B., Downes, R.A., Gunn, J. 1981, ApJ 247, L89
	2	Shara, M.M., Moffat, A.F.J., Potter, M. 1987, AJ 94, 357
	3	Downes et al. (2001)
	4	Neill, J.D., Shara, M.M., Caulet, A., Buckley, D.A.H. 2002, AJ 123, 3298
M51 X-7	1	
NGC 104-CV1	1	Paresce, F., de Marchi, G., Ferraro, F.R. 1992, Nat 360, 46
	2	Downes et al. (2001)
	3	Grindaly, J.E., Heinke, C., Edmonds, P.D., Murray, S.S. 2001, Science 292, 2290
NGC 104-CV3	1	Shara, M.M., Bergeron, L.E., Gilliland, R.L., Saha, A., Petro, L. 1996, ApJ 471, 804
	2	Downes et al. (2001)
	3	Grindlay, J.E., Heinke, C., Edmonds, P.D., Murray, S.S. 2001, Science 292, 2290
NGC 104-X5	1	Grindlay, J.E., Heinke, C., Edmonds, P.D., Murray, S.S. 2001, Science 292, 2290
	2	Edmonds, P.D., Heinke, C.O., Grindlay, J.E., Gilliland, R.L. 2002, ApJ 564, L17
NGC 104-X7	1	Grindlay, J.E., Heinke, C., Edmonds, P.D., Murray, S.S. 2001, Science 292, 2290
	2	Edmonds, P.D., Heinke, C.O., Grindlay, J.E., Gilliland, R.L. 2002, ApJ 564, L17
NGC 6121-V46	1	Kaluzny, J., Thompson, I.B., Krzeminski, W. 1997, AJ 113, 2219
NGC 6397-CV1	1	Cool. A.M., Grindlay, J.E., Cohn, H.N., Lugger, P.M., Slavin, S.D. 1995, ApJ 439, 695 (CV1)
	2	Kaluzny, J., Thompson, I.B. 2002, astro-ph/0210626
NGC 6397-CV6	1	Cool. A.M., Grindlay, J.E., Cohn, H.N., Lugger, P.M., Slavin, S.D. 1995, ApJ 439, 695 (CV6)
	2	Kaluzny, J., Thompson, I.B. 2002, astro-ph/0210626
NGC 6752-CV1	1	Bailyn, C.D., et al. (7 authors) 1996, ApJ 473, L31
	2	Downes et al. (2001)
NGC 6752-CV2	1	Bailyn, C.D., et al. (7 authors) 1996, ApJ 473, L31
	2	Downes et al. (2001)
SP 1	1	Acker et al. (1982a) (FC No. 188)
	2	Bond, H.E., Livio, M. 1990, ApJ 355, 568
	3	Acker et al. (1992) (PN G329.0+01.9)
SuWt 2	1	Schuster, H.-E., West, R.M. 1976, A&A 46, 139
	2	West, R.M. 1976, PASP 88, 896
	3	Acker et al. (1982a) (FC No. 161)
	4	Acker et al. (1992) (PN G311.0+02.4)

SuWt 2	5	Bond, H.E. 2000, in: Asymmetrical Planetary Nebulae II: From Origins to Microstructures, J. H. Kastner, N. Soker, and S.A. Rappaport (eds.), ASP Conf. Ser. Vol. 199, 115
Tau 2	1	Kondo et al. (1984)
	2	Downes et al. (1997)
	3	Downes et al. (2001)
	4	Szkody, P., Gaensicke, B., Fried, R.E., Heber, U., Erb, D.K. 2001, PASP 113, 1215
Ton 245	1	Iriarte, B., Chavira, E. 1957, Bol. Obs. Tonantzintla Tacubaya Vol. 2, No. 16, 3
Var 73 Dra	1	Antipin, S.V., Pavlenko, E.P. 2002, A&A 391, 565 (in outburst)
	2	Downes et al. (2001)
0001+2731	1	Green et al. (1986)
0025+5402	1	Downes, R.A. 1986, ApJS 61, 569
0035-7230	1	Orio, M., Della Valle, M., Massone, G., Oegelman, H. 1994, A&A 289, L11
	2	Schmidtke, P.C., Cowley, A.P., McGrath, T.K., Hutchings, J.B., Crampton, D. 1996, AJ 111, 788
0042+3244	1	Gottwald et al. (1991)
J0042+4118	1	
J0043+4107	1	Battistini, P., et al. (6 authors) 1980, A&AS 42, 357 (unresolved, in the globular cluster Bo 158)
	2	Trudolyubov, S.P., et al. (7 authors) 2002, ApJ 581, L27 (X-ray map)
J0043+4117	1	Osborne, J. P., et al. (16 authors) 2001, A&A 378, 800 (X-ray map)
	2	Trudolyubov, S.P., Borozdin, K.N., Priedhorsky, W.C. 2001, ApJ 563, L119 (X-ray map)
0133+1124	1	Green et al. (1986)
0136+7653	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1970, Lowell Obs. Bull. No. 153 (Vol. 7, No. 16, p.183)
J0153+7446	1	Downes et al. (2001)
J0154-5947	1	Downes et al. (2001)
J0155+0028	1	Downes et al. (2001)
0158-0939	1	Kondo, M., Noguchi, T., Maehara, H. 1984, Ann. Tokyo Astron. Obs. 20, 130
	2	Downes & Shara (1993)
	3	Downes et al. (2001)
J0230-6842	1	Downes et al. (2001)
	2	Schwope, A., et al. (8 authors) 2002, A&A 396, 895
0416+7007	1	http://procyon.lpl.arizona.edu/WD/ (WD 0416+701)
0422-2014	1	Downes et al. (2001)

J0425-5714	1	Halpern, J.P., Leighly, K.M., Marshall, H.L., Eracleous, M., Storchi-Bergmann, T. 1998, PASP 110, 1394
	2	Downes et al. (2001)
J0425-1945	1	Downes et al. (2001)
	2	Schwope, A., et al. (8 authors) 2002, A&A 396, 895
J0439-6809	1	Greiner, J., Hasinger, G., Thomas, H.-C. 1994, A&A 281, L61 (Star No. 8)
	2	Schmidtke, P.C., Cowley, A.P. 1996, AJ 112, 167
	3	van Teeseling, A., Reinsch, K., Beuermann, K. 1996, A&A 307, L49
0455+8315	1	Downes et al. (2001)
0511-7955	1	Downes et al. (2001)
J0513-6951	1	Pakull, M., et al. (8 authors) 1993, A&A 278, L39
	2	Cowley, A.P., Schmidtke, P.C., Hutchings, J.B., Crampton, D., McGrath, T.K. 1993, ApJ 418, L63
J0524+4244	1	
J0527-6954	1	Cowley, A.P., Schmidtke, P.C., Hutchings, J.B., Crampton, D., McGrath, T.K. 1993, ApJ 418, L63 (Star is not identified)
	2	Greiner, J., Schwarz, R., Hasinger, G., Orio, M. 1996, in: Supersoft X-Ray Sources, J. Greiner (ed.), Springer Verlag, Berlin, p. 145 (Star is not identified)
	3	Alcock, C., et al. (20 authors) 1997, MNRAS 291, L13 (Star 6 or 9)
0528-5857	1	Downes et al. (2001)
J0537-7034	1	Orio, M., Della Valle, M., Massone, G., Oegelmann, H. 1997, A&A 325, L1
0551+7241	1	Downes et al. (2001)
	2	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (J-band image)
0556-5935	1	Downes et al. (2001)
J0558+6753	1	Downes et al. (2001)
	2	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
J0625+7334	1	Downes et al. (2001)
J0649-0737	1	Motch, C., et al. (9 authors) 1998, A&AS 132, 341
	2	Downes et al. (2001)
J0704+6203	1	Downes et al. (2001)
	2	Tovamssian, G.H., et al. (9 authors) 2001, A&A 379, 199
0705+6700	1	
J0749-0549	1	Motch, C., et al. (9 authors) 1998, A&AS 132, 341
	2	Downes et al. (2001)
J0806+1527	1	Israel, G.L., et al. (7 authors) 1999, A&A 349, L1
	2	Burwitz, V., Reinsch, K. 2001, in: X-ray Astronomy, N.E. White, G. Malaguti, G.G.C. Palumbo (eds.), AIP Conf. Proc. Vol. 599, p. 522 Campana, S. 2002, IAU Circ. No. 7835

J0806+1527	3	Downes et al. (2001)
	4	Israel, G.L., et al. (16 authors) 2002, A&A 386, L13
	5	Ramsay, G., Hakala, P., Cropper, M. 2002, MNRAS 332, L7
0808+1106	1	Ellis, G.L., Grayson, E.T., Bond, H.E. 1984, PASP 96, 283
J0813+4528	1	Downes et al. (2001)
J0820+4934	1	Downes et al. (2001)
	2	Schwope, A., et al. (8 authors) 2002, A&A 396, 895
0839+3955	1	Kondo, M., Watanabe, E., Yutani, M., Noguchi, T. 1982, PASJ 34, 541 (Object KUV 345-30)
	2	Green et al. (1986)
0849+3155	1	Pesch, P., Sanduleak, N. 1983, ApJS 51, 171 (CBS 1)
0850+1700	1	Green et al. (1986)
0907+1220	1	Green et al. (1986)
0918+0258	1	Green et al. (1986
	2	Turnshek, D.A., et al. (6 authors) 1990, AJ 99, 1243
	3	Landolt, A.U. 1992, 104, 340
0922+1333	1	Downes et al. (2001)
	2	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
0928+5004	1	Downes & Shara (1993) (Object UMa 6)
	2	Downes et al. (2001)
J0929-3123	1	
0934+1838	1	Green et al. (1986)
0940+0649	1	Green, R.F. 1980, ApJ 238, 685
J0944+0358	1	Downes et al. (2001)
J0953+1458	1	Downes et al. (2001)
0957-6639	1	Eggen, O.J. 1969, ApJ 157, 287
1000+6643	1	Green et al. (1986)
	2	Downes et al. (1997) (Object UMa 7)
	3	Henden & Honeycutt (1997)
	4	Downes et al. (2001)
J1002-1925	1	Downes et al. (2001)
J1007-2017	1	Downes et al. (2001)
J1016-0520	1	Shara et al. (1993)
	2	Shara et al. (1997)
	3	Vennes, S., Thorstensen, J.R., Polomski, E.F. 1999, ApJ 523, 386
1017-0838	1	Green et al. (1986)
1022+0501	1	Green, R.F. 1980, ApJ 238, 685
1032+4036	1	Green et al. (1986)

J1039-0506	1	Downes et al. (2001)
1042-6902	1	Kawka, A., Vennes, S., Dupuis, J., Koch, R. 2000, AJ 120, 3250
1043+7600	1	Green et al. (1986)
1045+5234	1	Downes & Shara (1993) (Object UMa 5)
	2	Downes et al. (2001)
1047-0436	1	Green et al. (1986)
J1050-1404	1	Downes et al. (2001)
	2	Mennickent, R.E., Diaz, M., Skidmore, W., Sterken, C. 2001, A&A 376, 448
1101+3626	1	Green et al. (1986)
1110+2924	1	Sanduleak, N., Pesch, P. 1984, ApJS 55, 517 (CBS 38)
1114+1842	1	Green et al. (1986)
	2	Downes et al. (1997) (Object Leo 2)
	3	Henden & Honeycutt (1997)
1115+1637	1	Green et al. (1986)
1116+3008	1	Sanduleak, N., Pesch, P. 1984, ApJS 55, 517 (CBS 39)
J1125-0016	1	Downes et al. (2001)
J1131+4322	1	Downes et al. (2001)
	2	Yamaoka, H. 2002, http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet-campaign-dn/msg02160.html(see comment in: http://vsnet.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet-campaign-dn/msg02179.html)
1136+6646	1	
J1155-5641	1	Motch, C., et al. (9 authors) 1998, A&AS 132, 341
	2	Downes et al. (2001)
1204+4505	1	Green et al. (1986) (the object is the northwestern component of a close double)
1230+0514	1	Green et al. (1986)
1241-0102	1	Green et al. (1986)
1244+1119	1	Green et al. (1986)
1247+5522	1	Turnshek, D.A., et al. (6 authors) 1990, AJ 99, 1234
1248+1626	1	Green et al. (1986)
J1300-3052	1	
1300+2756	1	Kondo, M., Watanabe, E., Yutani, M., Noguchi, T. 1982, PASJ 34, 541 (KUV 494-4)
	2	Green et al. (1986)
J1313-3259	1	Thomas, H.-C., Beuermann, K., Burwitz, V., Reinsch, K., Schwope, A.D. 2000, A&A 353, 646
	2	Downes et al. (2001)

1317+4520	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1965, Lowell Obs. Bull. No. 129 (Vol. 6, No. 10, p. 197)
1323-6152	1	Smale, A.P. 1995, AJ 110, 1292 (candidate star with K'=17.1)
J1324-6200	1	
J1324+0320	1	
1329+1556	1	Feige, J. 1959, ApJ 129, 600 (Feige 81)
1347-1258	1	Kawka, A., Vennes, S., Koch, R., Williams, A. 2002, AJ 124, 2853
1349+1424	1	Green et al. (1986)
1414-0848	1	
J1422-0221	1	Downes et al. (2001)
J1424-0227	1	Downes et al. (2001)
1428+3723	1	Kondo et al. (1984)
1432+1553	1	Green et al. (1986)
1512+2421	1	Iriarte,B. Chavira, E. 1957, Bol. Obs. Toantz. Tacub. 2, 3
1519+6402	1	Green et al. (1986)
1528+1025	1	Green et al. (1986)
J1548-4528	1	Downes et al. (2001)
	2	Haberl, F., Motch, C., Zickgraf, F.-J. 2002, A&A 387, 20
J1553+5516	1	
J1554+2721	1	Downes et al. (2001)
	2	Tovmassian, G.H., Greiner, J., Zharikov, S.V., Echevarria, J., Kniazev, A. 2001, A&A 380, 504
	3	Thorstensen, J.R., Fenton, W.H. 2002, PASP 114, 74
J1610+0352	1	Downes et al. (2001)
	2	Schwope, A., et al. (8 authors) 2002, A&A 396, 895
1613-5055	1	
1619+5213	1	Green et al. (1986)
1624-4904	1	Reid et al. (1980) (No optical counterpart identified)
1627+0144	1	Green et al. (1986) (very poor chart, much too dark)
J1643+3402	1	Downes et al. (2001)
	2	Mickaelian, A.M., et al. (6 authors) 2002, A&A 381, 894
J1650-4957	1	http://cfa-www.harvard.edu/ pgroot/XTEJ1650-50OGLE.ps
1704+4807BC	1	http://procyon.lpl.arizona.edu/WD/ (WD 1748+481)
1705-4402	1	Reid et al. (1980) (No optical counterpart identified)

J1710-2807	1	
1713+3316	1	Green et al. (1986)
1716+4237	1	Green et al. (1986)
1725+2510	1	Green et al. (1986)
J1730+6247	1	Downes et al. (2001)
1735+2210	1	Bonner Durchmusterung
1740-2943	1	Marti, J., Mirabel, I.F., Chaty, S., Rodriguez, L.F. 2000, A&A 319, 184 (object not identified)
	2	Eikenberry, S.S., Fischer, W.J., Egami, E., Djorgovski, S.G. 2001, ApJ 556, 1 (object not identified)
1743+4742	1	Green et al. (1986)
J1744-2844	1	Cole, D.M., et al. (11 authors) 1997, ApJ 480, 377 (possible identification)
	2	Augusteijn, T., et al. (15 authors) 1997, ApJ 486, 1013 (no definite identification)
J1745-2901	1	
1746-3702	1	Homer, L., Anderson, S.F., Margon, B., Downes, R.A., Deutsch, E.W. 2002, AJ 123, 3255
1747-3115	1	
J1751-3037	1	
1758-2544	1	Marti, J., et al. (6 authors) 1998, A&A 338, L95 (target not unambiguously identified)
	2	Eikenberry, S.S., Fischer, W.J., Egami, E., Djorgovski, S.G. 2001, ApJ 556, 1 (object not identified)
	3	Rothstein, D.M., et al. (6 authors) 2002, ApJ 580, L61 (K-band image, Star A)
	4	Heindl, W.A., Smith, D.M. 2002, ApJ 578, L125 (Chandra X-ray map)
1811-1710	1	Gottwald et al. (1991)
	2	Naylor, T., Charles, P.A., Longmore, A.J. 1991, MNRAS 252, 203
	3	Groot, P.J., van der Klis, M., van Paradijs, J., Augusteijn, T., Berger, M. 1996, in: Cataclysmic Variables and Related Objects, IAU Coll. No. 158, A. Evans and J.H. Wood (eds.), Kluwer Academic Publ., p. 367 (star No. 101)
1813-1403	1	Gottwald et al. (1991)
	2	Deutsch, E.W., Margon, B., Anderson, S.F., Wachter, S., Goss, W.M. 1999, ApJ 524, 406
	3	Callanan, P.J., et al. (9 authors) 2002, ApL 574, L143 (K-band image)
1820-3023	1	King, I.R., et al. (21 authors) 1993, ApJ 413, L117
1824+0402	1	Turnshek, D.A., et al. (6 authors) 1990, AJ 99, 1243 (Note that the coordinates given in Table 1 do not correspond to the star marked on the finding chart given on Plate 54!)

J1832-0840	1	Downes et al. (2001) (object not identified)
1832-3301	1	Deutsch, E.W., Margon, B., Anderson, S.F. 1998, AJ 116, 1301 (Star 49; this is not the correct identification -¿ Heinke, Edmonds & Grindlay 2001)
	2	Heinke, C.O., Edmonds, P.D., Grindlay, J.E. 2001, ApJ 562, 363 (CHANDRA field; star B)
J1846+5538	1	Downes et al. (2001)
	2	Schwarz, R., Greiner, J., Tovmassian, G.H., Zharikov, S.V., Wenzel, W. 2002, A&A 392, 505
1850-0846	1	Anderson, S.F., Margon, B., Deutsch, E.W., Downes, R.A. 1993, AJ 106, 1049 (Star S)
	2	Homer, L., et al. (6 authors) 1996, MNRAS 282, L37 (Star S)
J1910+2856	1	Thorstensen, J.R., Haberl, F. 2000, A&A 358, 600 (in outburst)
	2	Downes et al. (2001)
J1928-5001	1	Shara et al. (1997) (object not identified)
1933+5100	1	Downes & Shara (1993) (Object Cyg 2)
	2	Downes et al. (2001) (Object Cyg 2)
1946+4340	1	Downes, R.A. 1986, ApJS 61, 569
J1951+3716	1	Motch, C., et al. (9 authors) 1998, A&AS 132, 341
	2	Downes et al. (2001)
J1958+3232	1	Israel, G.L., Covino, S., Polcaro, V.F., Stella, L. 1999, A&A 345, L1 (Object B)
	2	Uslenghi, M., Bergamini, P., Cataloano, S., Tommasi, L., Treves, A. 2000, A&A 359, 639
	3	Downes et al. (2001)
	4	Hoard, D.W., Wachter, S., Clark, L.L., Bowers, T.P. 2002, ApJ 565, 511 (K-band image)
	5	Norton, A.J., et al. (6 authors) 2002, A&A 384, 195
2009+6216	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1970, Lowell Obs. Bull. No. 153 (Vol. 7, No.16, p. 183)
J2013+4002	1	Shara et al. (1993) (object not identified)
	2	Thorstensen, J.R., Vennes, S., Shambrook, A. 1994, AJ 108, 1924
	3	Mason et al. (1995)
	4	Shara et al. (1997)
2032+1849	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1965, Lowell Obs. Bull. No. 125 (Vol. 6, No. 6, p. 155)
	2	http://procyon.lpl.arizona.edu/WD (WD 2032+188)
2040+3954	1	Downes, R.A. 1986, ApJS 61, 569
J2130+4710	1	Downes et al. (2001)
2154+4048	1	Downes, R.A. 1986, ApJS 61, 569
J2157+0855	1	Tovmassian, G.H., et al. (10 authors) 2000, ApJ 537, 927
	2	Downes et al. (2001)
2209-1444	1	

J2303+0106	1	Downes et al. (2001)
J2315-3048	1	Downes et al. (2001)
	2	Schwope, A., et al. (8 authors) 2002, A&A 396, 895
J2316-0527	1	Downes et al. (2001)
J2329+0628	1	Downes et al. (2001)
	2	Zhou, A.-Y., Qiu, Y.-L. 2002, A&A, subm. = astro-ph/0206474
2331+2902	1	Giclas, H.L., Burnham, Jr., R., Thomas, N.G. 1965, Lowell Obs. Bull. No. 125 (Vol. 6, No. 6, p. 155)
J2337+4308	1	
2345+3148	1	Green et al. (1986)

Abbreviated References

Acker et al. (1982a):	Acker, A., et al. (6 authors) 1982, *Catalogue of the Central Stars of True and Possible Planetary Nebulae*, Obs. de Strasbourg, Publ. Speciale du C.D.S. No. 3
Acker et al. (1992):	Acker, A., et al. (6 authors) 1992, The Strasbourg-ESO Catalogue of Galactic Planetary Nebulae, Part I, European Southern Observatory, Garching
Bode et al. (1989):	Bode, M.F., Duerbeck, H.W., Evans, A. 1989, in: Classical Novae, M.F. Bode and A. Evans (eds.), J. Wiley & Sons Ltd., p. 249
Bruch et al. (1987):	Bruch, A., Fischer, F.-J., Wilmsen, U. 1987, A&AS 70, 481
Downes & Shara (1993):	Downes, R.A., Shara, M.M. 1993, PASP 105, 127
Downes et al. (1997):	Downes, R.A., Webbink, R.F., Shara, M.M. 1997, PASP 109, 345
Downes et al. (2001):	Downes, R.A., Webbink, R.F., Shara, M.M., Ritter, H., Kolb, U., Duerbeck, H. 2001, PASP 113, 764 accessible at the web site `http://icarus.stsci.edu/ downes/cvcat/`
Duerbeck (1987):	Duerbeck, H.W. 1987, *A Reference Catalogue and Atlas of Galactic Novae*, D. Reidel, Dordrecht; also in Space Sci. Rev. 45, Nos. 1-2
Gottwald et al. (1991):	Gottwald, M., Steinle, H., Graser, U., Pietsch, W. 1991, A&AS 89, 367
Green et al. (1982):	Green, R.F., Ferguson, D.H., Liebert, J., Schmidt, M. 1982, PASP 94,560
Green et al. (1986):	Green, R.F., Schmidt, M., Liebert, J. 1986, ApJS 61,305
Henden & Honeycutt (1995):	Henden, A.A., Honeycutt, R.K. 1995, PASP 107, 324
Henden & Honeycutt (1997):	Henden, A.A., Honeycutt, R.K. 1997, PASP 109, 441
Kondo et al. (1984):	Kondo, M., Noguchi, T., Maehara, H. 1984, Ann. Tokyo Astron. Obs., 2nd Ser. 20, 130
Maccacaro et al. (1994):	Maccacaro, T., et al. (8 authors) 1994,Astrophys. Letters and Communications 29, 267
Mason et al. (1995):	Mason, K.O., et al. (27 authors) 1995, MNRAS 274, 1194
Misselt (1996):	Misselt, K.A. 1996, PASP 108, 146
Mukai et al. (1990):	Mukai, K., et al. (11 authors) 1990, MNRAS 245, 385
Reid et al. (1980):	Reid, C.A., et al. (6 authors) 1980, AJ 85, 1062
Shara et al. (1993):	Shara, M.M., Shara, D.J., Mc Lean, B. 1993, PASP 105, 387
Shara et al. (1997):	Shara, M.M., Bergeron, E., Christian, C.A., Craig, N., Bowyer, S. 1997, PASP 109, 998
Williams (1983):	Williams, G. 1983, ApJS 53, 523
Vogt & Bateson (1982):	Vogt, N., Bateson, F.M. 1982, A&AS 48, 383

Who's Who ?

Note that catalogue designations involving the equatorial coordinates are given in the following format:
HHMMSDDMM (catalogue acronyms) if the position is given in B1950 coordinates, and
JHHMMSDDMM (catalogue acronyms) if the position is given in J2000 coordinates.
Here HHMM is the truncated right ascension in hours (HH) and minutes (MM), DDMM the truncated declination in degrees (DD) and minutes of arc (MM), and S the sign of the declination.

Part I: Variable Star Names in Lexigraphical Order

```
RX And    = GSC 2807.1623 = USNO-A2.0 1275-00640172
          = 0101+4101 (1E, 1ES, 2E) = J0104+4117 (1RXS)
AR And    = USNO-A2.0 1275-01038868
DX And    = USNO-A2.0 1275-18438772
FO And    = S 9508 And = USNO-A2.0 1275-00747922
HV And    = S 10777 And = USNO-A2.0 1275-00411469
PX And    = And 1 = USNO-A2.0 1125-00183860 = 0027+2600 (PG)
QR And    = GSC 1185.1428 = RBS 43 = USNO-A2.0 1050-00104732
          = J0019+2156 (RX, 1RXS, WGA)
V402 And  = Antipin V62 = USNO-A2.0 1200-00093390 = V62 And
UU Aqr    = GSC 5227.0829 = PB 7078 = S 196 = StHA 196
          = USNO-A2.0 0825-19565561
VY Aqr    = Nova Aqr (1907, 1929, 1934, 1941, 1942, 1958, 1962, 1973,
            1983) = USNO-A2.0 0750-20686374
AE Aqr    = GSC 5177.0636 = HIP 101991 = USNO-A2.0 0825-18575314
          = 2037-0102 (1E, 1ES, 2E) = J2040-0052 (1RXS)
FF Aqr    = BD -3 5357 = GSC 5227.0134 = HIP 108644 = SAO 145804
          = USNO-A2.0 0825-19514021
FO Aqr    = GSC 5804.0775 = PB 7131 = USNO-A2.0 0750-21164531
          = 2215-0836 (2E, H)
HL Aqr    = GSC 0560.0777 = PHL 227 = USNO-A2.0 0900-20081292
HU Aqr    = GSC 5200.0849 = RBS 1724 = USNO-A2.0 0825-19016595
          = J2107-0517 (EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
LZ Aqr    = J2123-0547 (XTE)
UU Aql    = HV 1319 = USNO-A2.0 0750-19426244
CI Aql    = Nova Aql (1917, 1941, 2000) = USNO-A2.0 0825-13277160
DH Aql    = HV 3899 = USNO-A2.0 0750-18008187
DO Aql    = Nova Aql 1925 = USNO A2.0 0825-16104651
KX Aql    = HV 5428 = USNO-A2.0 0975-15369348
V368 Aql  = Nova Aql 1936 = USNO-A2.0 0975-14821734
V500 Aql  = Nova Aql 1943 = S 5342 Aql = USNO-A2.0 0975-16891553
V603 Aql  = GSC 0448.0423 = HD 174107 = HIP 92316 = Nova Aql 1918
          = 1846+0031 (2E, 1ES, KPD) = J1848+0035 (1RXS)
V794 Aql  = USNO A2.0 0825-18031378 = 2014-0349 (2E)
          = J2017-0339 (1RXS)
V1101 Aql = GSC 1618.1920 = USNO-A2.0 1050-16865498
V1315 Aql = SVS 8130 = USNO-A2.0 0975-14384125 = 1911+1212 (KPD)
V1333 Aql = Aql X-1 = USNO-A2.0 0900-14115992
          = 1908+0030 (3A, CGS, 1ES, 1M, 2S, 3U, 4U)
          = J1911+0035 (1RXS)
V1405 Aql = 1916-0519 (1A, 3A, CGS, EXO, 2E, 1ES, H, 1H, 1M, MXB, 2S,
            3U, 4U) = J1918-0514 (1RXS)
V1408 Aql = 1957+1134 (1A, 3A, CGS, H, 1H, 1M, 2S, 3U, 4U)
          = J1959+1142 (1RXS)
V1425 Aql = Nova Aql 1995
V1432 Aql = Aql 1 = USNO-A2.0 0750-18756420 = J1940-1025 (RX, 1RXS)
V1487 Aql = Nova Aql 1992 = J1915+1056 (GRS)
V1493 Aql = Nova Aql 1999#1
V1494 Aql = Nova Aql 1999#2 = USNO-A2.0 0900-14841477
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AT Ara    = HV 6551
BF Ara    = HV 6576
OY Ara    = HD 149990 = HV 3305 = Nova Ara 1910
V801 Ara  = Nor X-1 = USNO-A2.0 0300-29212621
          = 1636-5339 (3A, CGS, H, 1H, MXB, 1M, 2S, 2U, 3U, 4U)
          = J1640-5345 (1RXS)
V821 Ara  = GX 339-4 = USNO-A2.0 0375-29869782
          = 1659-4843 (3A, CGS, 2E, 1H, 1M, 3U, 4U) = J1702-4847 (1RXS)
V877 Ara  = CSV 7612 = NSV 8383 = USNO-A1.0 0225-27372547
          = USNO-A2.0 0225-27289639
TT Ari    = BD +14 341 = RBS 280 = S 14 = USNO-A2.0 1050-00582755
          = 0204+1503 (AXG, EXO, 1E, 2E, 1ES, MS) = J0206+1517 (1RXS)
WX Ari    = USNO-A2.0 0975-00628622 = 0244+1023 (PG)
XY Ari    = 0253+1914 (2E, H, 1H) = J0256+1926 (1AXG)
T  Aur    = AGK3 +30 554 = BD +30 923A = HD 36294 = Nova Aur 1891
          = USNO-A2.0 1200-03445301
SS Aur    = USNO-A2.0 1350-06503630
FS Aur    = S 3946 Aur = USNO-A2.0 1125-02825338
HV Aur    = S 8480 Aur
KR Aur    = Nova Aur 1960 = S 5420 Aur = USNO-A2.0 1125-03660171
          = 0612+2836 (2E, KUV)
QZ Aur    = Nova Aur 1964 = USNO-A2.0 1200-03365678
V363 Aur  = Lanning 10 = USNO-A2.0 1200-03480793 = 0530+3657 (KPD)
V405 Aur  = Aur 1 = GSC 3750.0721 = USNO-A2.0 1425-06347368
          = J0558+5353 (1AXG, RX, 1RXS)
TT Boo    = HV 3681 = USNO-A2.0 1275-08560013
UZ Boo    = HV 10426 = USNO-A2.0 1050-07272591
CR Boo    = GSC 0900.1185 = USNO-A2.0 0975-07297571
          = 1346+0812 (PG, WD) = J1348+0757 (EUVE, 2EUVE)
RR Cae    = BPM 31582 = GJ 2034 = GSC 8072.1454 = LFT 349 = LHS 1660
          = LTT 1951 = 0419-4846 (WD)
RS Cae    = Cae 1 = RBS 599 = USNO-A2.0 0450-01739927
          = J0453-4213 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
Z  Cam    = GSC 4380.1032 = USNO-A2.0 1575-02857529
          = 0819+7316 (2E) = J0825+7306 (1AXG)
AF Cam    = Lanning 281 = USNO-A2.0 1425-04380390
BY Cam    = GSC 4081.0460 = USNO-A2.0 1500-04322936
          = 0538+6050 (H, 1H, 4U) = J0542+6051 (EUVE)
BZ Cam    = GSC 4362.0285 = USNO-A2.0 1575-02559940
          = 0623+7106 (H) = central star of the planetary nebula(?)
            EGB 4 = PK 144 +24 1 = PN G143.6+23.8
FT Cam    = Antipin V64 = Lanning 497 = USNO-A1.0 1500-03128973
          = USNO-A2.0 1500-03107120 = Var 64 Cam = J0321+6105 (1RXS)
HR Cam    = GD 448 =  LP 034-185 = MK 377 = USNO-A2.0 1575-02696117
          = 0710+7406 (WD)
HS Cam    = J0719+6557 (RX, 1RXS)
HT Cam    = USNO-A2.0 1500-04947758 = J0757+6306 (RX, 1RXS)
IQ Cam    = USNO-A2.0 1425-05194517 = 0422+5421 (KPD)
SY Cnc    = BD +18 2101 = GSC 1397.0817 = USNO-A2.0 1050-05931674
          = 0858+1805 (PG)
YZ Cnc    = GSC 1939.1134 = USNO-A2.0 1125-05530395
          = 0807+2817 (2E) = J0810+2808 (1RXS)
AC Cnc    = GSC 0816.0801 = USNO-A2.0 0975-06024346 = 0841+1303 (1H)
AK Cnc    = USNO-A2.0 0975-06090385
AR Cnc    = Ton 408 = USNO-A2.0 1200-06291534
AT Cnc    = EGGR 151 = FBS B388 = GSC 1944.1001 = Ton 323
          = USNO-A2.0 1125-05637562
CC Cnc    = GSC 1398.2391 = USNO-A2.0 1050-05793655
EG Cnc    = Huruhata's star = USNO-A2.0 1125-05713912
EU Cnc    = CV in M 67 = M67-168 = M67 X16
GY Cnc    = GSC 1404.1830 = USNO-A2.0 1050-05975509
          = 0907+1902 (HS) = J0909+1849 (RX, 1RXS)
GZ Cnc    = GSC 0819.0892 = Tmz V34 = USNO-A2.0 0975-06195864
          = J0915+0900 (RX, 1RXS)
UX CVn    = CBS 160 = FBS B523 = GSC 2529.0746 = HZ 22
          = USNO-A2.0 1200-06868136 = 1212+3655 (FBS, PG)
AM CVn    = CBS 354 = EGGR 91 = FBS B91 = GSC 3018.2523 = HZ 29
          = USNO-A2.0 1275-08109321 = 1232+3754 (PG, WD)
DE CVn    = GSC 3460.0780 = USNO-A2.0 1350-08279827
          = J1326+4532 (RX, 1RXS)
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WY CMa    = GSC 6532.2479 = USNO-A2.0 0600-05222807
CG CMa    = Nova CMa 1934
HL CMa    = 0643-1648 (CGS, 1E, 2E, 1ES)
IN CMa    = USNO-A2.0 0525-04760587 = 0718-3141 (WD)
          = J0720-3147 (EUVE, 2EUVE, EXO, RE, 2RE, RX, 1RXS, XUV)
PU CMa    = USNO-A2.0 0600-03809645 = J0640-2423 (RX, 1RXS)
SV CMi    = USNO-A2.0 0900-05053437
AQ CMi    = SVS 992
BG CMi    = USNO-A2.0 0975-05214393 = 0728+1002 (3A, 2E)
RS Car    = HD 96830 = HV 47 = Nova Car 1895
OY Car    = S 6302 Car = USNO-A2.0 1050-06723015 = J1006-7014 (XUV)
QU Car    = CD -67 1010 = CPD -67 1645 = GSC 9212.2097 = HDE 310376
          = HIP 54226 = USNO-A2.0 1050-08042508
V395 Car  = 0921-6304 (3A, CGS, 1ES, H, 1H, 2S)
V436 Car  = Car 1 = GSC 8552.0902 = J0744-5257 (RX, 1RXS)
AM Cas    = GSC 4320.0923 = USNO-A2.0 1575-01370275
GX Cas    = S 3330 Cas = USNO-A2.0 1425-01142168
HT Cas    = S 3343 Cas = USNO-A2.0 1500-01194794 = 0107+5948 (2E)
          = J0110+6004 (1RXS)
V425 Cas  = S 9712 Cas = USNO-A2.0 1425-14528389
V592 Cas  = GSC 3657.1285 = LS I 55 -8 = LS 55 -8
          = USNO-A2.0 1425-00489557 = 0018+5525 (KPD)
          = J0020+5542 (1RXS)
V630 Cas  = Nova Cas 1950 = OV 29 = USNO-A2.0 1350-18714761
          = J2348+5127 (SAX, 1SAX)
V664 Cas  = Cas 1 = GSC 4056.1762 = Lanning 149
          = USNO-A2.0 1500-02918093
          = central star of the planetary nebula HFG 1
V705 Cas  = Nova Cas 1993 = USNO-A2.0 1425-15433785
V709 Cas  = Cas 2 = USNO-A2.0 1425-00678902 = 0026+5900 (3A, 1H, 4U)
          = J0028+5917 (RX, 1RXS)
V723 Cas  = Nova Cas 1995 = USNO-A2.0 1425-01506599
V731 Cas  = NGC 7789-V9 = binary in the open cluster NGC 7789
WX Cen    = Cen XR-2 = HV 1262
BV Cen    = GSC 8666.0998 = HV 4647 = USNO-A2.0 0300-18668886
          = 1328-5443 (1ES, 2E) = J1331-5458 (1RXS)
MU Cen    = USNO-A2.0 0450-13975394
V359 Cen  = Nova Cen 1929 = USNO-A2.0 0450-13664158
V436 Cen  = HV 10120 = USNO-A2.0 0450-12643097
          = 1111-3724 (1E, 2E, 1ES) = J1114-3740 (CTCV, 1RXS)
V442 Cen  = HV 8364 = USNO-A2.0 0525-14089223
V485 Cen  = GSC 7253.1599 = HV 10231 = USNO-A2.0 0525-15614736
V803 Cen  = AE 1 = USNO-A2.0 0450-15609843 = J1323-4144 (RX, 1RXS)
V822 Cen  = Cen X-4 = Nova Cen 1969 = USNO-A2.0 0525-18421481
          = 1455-3128 (CGS, 2E, 4U) = J1458-3140 (1RXS)
V834 Cen  = USNO-A2.0 0375-20155822
          = 1405-4503 (1E, 2E, 1ES, EXO, H, 1H)
          = J1409-4517 (EUVE, 2EUVE, RX, 1RXS, WGA, XUV)
V895 Cen  = Cen 2 = HV 7408 = NSV 6680 = SVS 2143
          = USNO-A2.0 0450-17691173 = J1429-3804 (EUVE, 2EUVE)
V1025 Cen = USNO-A2.0 0450-14522935 = J1238-3842 (RX)
V1033 Cen = Cen 3 = J1141-6410 (RX, 1RXS)
WW Cet    = GSC 5264.0415 = HV 8002 = PHL 718 = RBS 22
          = USNO-A2.0 0750-00044001 = 0008-1145 (2E) = J0011-1128 (1RXS)
WX Cet    = BV 416 = Nova Cet 1963 = USNO-A2.0 0675-00464088
BO Cet    = Cet 4 = GSC 4689.0066 = PB 6656 = USNO-A2.0 0825-00489214
          = 0204-0217 (1H)
CC Cet    = GSC 0648.1198 = USNO-A2.0 0975-00708136 = 0308+0938 (PG, WD)
EQ Cet    = RBS 206 = USNO-A2.0 0600-00568386 = J0128-2339 (RX, 1RXS)
Z  Cha    = GSC 9394.2439 = S 4893 Cha = SVS 1244
          = USNO-A2.0 0075-01547167 = 0808-7623 (2E) = J0807-7632 (1RXS)
RR Cha    = Nova Cha 1953 = S 5346 Cha = USNO-A2.0 0075-03661656
RX Cha    = S 6311 Cha
BW Cir    = Cen X-2? = Nova Cir 1987 = 1354-6429 (GS, 1H, 1M, MXB)
BY Cir    = Nova Cir 1995
BZ Cir    = Cir 1 = 1449-6804 (1E, 2E) = J1454-6816 (1RXS)
DD Cir    = Nova Cir 1999
TV Col    = GSC 7059.0509 = RBS 655
          = 0527-3251 (2A, 3A, CGS, 1E, 1ES, 2E, 1H)
          = J0529-3249 (1RXS)
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TX Col    = GSC 7601.1500 = USNO-A2.0 0450-02173249 = 0541-4103 (H, 1H)
UU Col    = Col 1 = USNO-A2.0 0525-02004826 = J0512-3241 (RX, 1RXS)
AL Com    = Nova Com 1961 = USNO-A2.0 0975-06981850
GO Com    = PB 3137 = SVS 382 = US 31 = USNO-A2.0 1125-06619416
GP Com    = EGGR 389 = G 61-29 = LTT 18284 = RBS 1213
          = 1303+1817 (2E, 1ES, WD) = J1305+1801 (1AXG, 1RXS)
IR Com    = Com 1 = S 10932 Com  = USNO-A2.0 1050-06758983
          = J1239+2108 (RX, 1RXS)
LM Com    = CBS 60 = Ton 617 = USNO-A2.0 1200-06896492
          = 1224+3055 (PG, WD)
V394 CrA  = Nova CrA (1949, 1987)
V691 CrA  = Sgr X-1 = Sco XR-6
          = 1822-3708 (2A, 3A, CGS, H, 1H, 1M, 2S, 3U, 4U)
          = J1825-3706 (1RXS)
UW CrB    = 1603+2600 (1E, 2E, MS)
VW CrB    = Antipin V21 = CrB 1 = USNO-A2.0 1200-07718962 = Var 21 CrB
TV Crv    = Crv 1 = Nova Crv 1931 = USNO-A2.0 0675-12002236
TW Crv    = GSC 6097.0879 = USNO-A2.0 0675-11833064 = 1157-1845 (EC)
TT Crt    = USNO-A2.0 0750-07593808
TU Crt    = J 05.23 = object No. 23 on plate J 05 of the Cerro-Calan-
            Survey = USNO-A2.0 0675-11325768 = J1103-2137 (CTCV)
AP Cru    = Nova Cru 1935 = Nova Cru 1936
CP Cru    = Nova Cru 1996
SS Cyg    = BD +42 4189a = GSC 3196.0723 = HD 206697 = HV 84
          = USNO-A2.0 1275-16332748
          = 2140+4321 (3A, CGS, 1E, 2E, H, 1H, KPD)
          = J2142+4335 (EUVE, 2EUVE, RE, 2RE)
EM Cyg    = GSC 2655.3329 = USNO-A2.0 1200-12416691
          = 1936+3023 (2E) = J1938+3030 (1RXS)
EY Cyg    = USNO-A2.0 1200-13727566
V404 Cyg  = Nova Cyg (1938, 1956, 1989) = 2022+3342 (GS)
V503 Cyg  = S 4524 Cyg = USNO-A2.0 1275-13933042
V550 Cyg  = S 3847 Cyg
V630 Cyg  = S 4556 Cyg
V751 Cyg  = Lk HA 170 = SVS 1202 = USNO-A2.0 1275-14251828
          = J2052+4419 (RX)
V1028 Cyg = S 7854 Cyg = USNO-A2.0 1425-10203189
V1113 Cyg = S 9382 Cyg = USNO-A2.0 1425-09649928
V1341 Cyg = Cyg X-2 = USNO-A2.0 1275-16401789
          = 2142+3805 (2A, 3A, CGS, H, 1H, 1M, 2U, 3U, 4U)
V1500 Cyg = Nova Cyg 1975 = J2111+4809 (RX)
V1504 Cyg = CSV 4693 = SVS 710 = USNO-A2.0 1275-11491256
V1513 Cyg = G 230-26 = GJ 781 = HIP 98906 = LFT 1521 = LHS 482
          = LTT 15889 = J2005+5426 (EUVE, 1RXS)
V1668 Cyg = Nova Cyg 1978
V1727 Cyg = 2129+4704 (3A, CGS, 1ES, 2E, 1H, 1M, 3U, 4U)
V1776 Cyg = Lanning 90 = USNO-A2.0 1350-12218738
V1974 Cyg = Nova Cyg 1992 = USNO-A2.0 1425-10809519
          = J2030+5237 (EUVE, 2EUVE, RX, XUV)
V2069 Cyg = Cyg 6 = USNO-A2.0 1275-15554373 = J2123+4218 (RX)
V2176 Cyg = USNO-A1.0 1425-09823278 = USNO-A2.0 1425-09702479
V2214 Cyg = USNO-A2.0 1125-13015770 = 1930+2752 (KPD)
V2274 Cyg = Nova Cyg 2001#1
CM Del    = USNO-A2.0 1050-17580956
EZ Del    = S 4505 Del = USNO-A2.0 1050-17606019
HO Del    = S 10066 Del = USNO-A2.0 0975-19307268
HR Del    = GSC 1642.0998 = HIP 102190 = Nova Del 1967
          = 2040+1858 (IRAS)
AA Dor    = CPD -69 389 = GSC 9166.0716 =  HDE 269696 = LB 3459
          = USNO-A2.0 0150-03205799
YY Dra   -> DO Dra
AB Dra    = GSC 4588.1570 = USNO-A2.0 1650-02196617
          = 1951+7736 (2E) = J1949+7744 (1RXS)
CG Dra    = S 9370 Dra = USNO-A2.0 1425-09486239
CQ Dra bc = 4 Dra bc (-> 4 Dra)
DM Dra    = SVS 2426 = USNO-A2.0 1425-08326626 = 1533+5958 (SBS)
DO Dra    = FBS B888 = RBS 1022 = SVS 504 = USNO-A2.0 1575-03191958
          = 1140+7157 (2A, 3A, 1E, 1ES, 2E, FBS, MS, PG)
          = J1143+7141 (1RXS), occasionally also referred to as YY Dra
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EP Dra    = Dra 4 = USNO-A2.0 1575-04110989
          = 1907+6903 (2A, 2E, H, 1H, 2H, 4U?)
ES Dra    = Dra 3 = GSC 4181.0930 = USNO-A2.0 1500-05921829
          = 1524+6211 (PG)
EX Dra    = Dra 5 = GSC 4429.1070 = USNO-A2.0 1575-03902709
          = 1804+6753 (1E, 2E, HS, KUV, MS)
IX Dra    = Dra 6 = USNO-A2.0 1500-06451198 = 1812+6704 (KUV)
KL Dra    = SN 1998di (is not a SN but a CV)
KV Dra    = FBS B721 = USNO-A2.0 1500-05846206
          = 1449+6415 (FBS, HS) = J1450+6403 (RX, 1RXS)
XZ Eri    = HV 6276 = USNO-A2.0 0675-01471080
AH Eri    = HV 6292 = USNO-A2.0 0750-00977203
AQ Eri    = USNO-A2.0 0825-01311659 = J0506-0408 (RX)
CP Eri    = PHL 1475 = USNO-A2.0 0750-00707021
EF Eri    = GSC 6439.0120 = RBS 398
          = 0312-2246 (2A, 3A, CGS, EC, 1ES, 2E, 1H)
          = J0314-2235 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, XUV)
HY Eri    = J0501-0359 (RE, RX, 1RXS)
UZ For    = USNO-A2.0 0600-01417721 = 0333-2554 (EXO)
          = J0335-2544 (EUVE, 2EUVE, RX, WGA, XUV)
VY For    = For 1 = PHL 4452 = USNO-A2.0 0600-01396842
          = 0329-2607 (EXO)
U  Gem    = BD +22 1807 = GSC 1375.0755 = HD 64511
          = USNO-A2.0 1050-05472187 = 0752+2208 (1E, 2E, H)
          = J0755+2200 (1AXG)
UV Gem    = USNO A2.0 1050-04003026
AW Gem    = Nova Gem 1933
DM Gem    = HD 48328 = Nova Gem 1903#1 = USNO-A2.0 1125-04445570
DN Gem    = HD 50480 = Nova Gem 1912 = USNO-A2.0 1200-05245892
IR Gem    = S 5423 Gem = USNO-A2.0 1125-04523726
PQ Gem    = GSC 0791.0486 = USNO-A2.0 0975-05532070
          = J0751+1444 (1AXG, EUVE, 2EUVE, RE, 2RE, RX, WGA, XUV)
RZ Gru    = GSC 8010.0064 = S 5150 Gru = USNO-A2.0 0450-40367653
CE Gru    = Gru 2 = Gru V1 = USNO-A2.0 0450-39816849
CF Gru    = Gru 3 = USNO-A2.0 0375-39562767 = 2138-4518
CI Gru    = Gru 1 = Hawkins V6 = USNO-A2.0 0450-39773299
AH Her    = GSC 2049.1115 = SVS 32 = USNO-A2.0 1125-07782854
          = 1642+2520 (2E, PG)
AM Her    = GSC 3533.1105 = USNO-A2.0 1350-09581530
          = 1814+4950 (2A, 3A, CGS, 1E, 1ES, 2E, H, 1H, 1M, 3U, 4U)
          = J1816+4952 (EUVE, 2EUVE, RX, 1RXS, WGA, XUV)
DQ Her    = Nova Her 1934 = USNO-A2.0 1350-09507821
V446 Her  = Nova Her 1960 = USNO-A2.0 0975-13700591
V478 Her  = S 4133 Her = USNO-A2.0 1125-08186226
V533 Her  = GSC 3111.1979 = Nova Her 1963 = USNO-A2.0 1275-09861364
V544 Her  = S 7989 Her = USNO-A2.0 0975-08451887
V589 Her  = S 10296 Her = USNO-A2.0 1050-07904643
V592 Her  = Nova Her 1968, 1986, 1998
          = S 10376 Her
V660 Her  = SVS 2120 = USNO-A2.0 1125-08500001 = J1742+2348 (1RXS)
V795 Her  = FBS B595 =  GSC 2595.0676 = SVS 2613
          = USNO-A2.0 1200-08261501 = 1711+3334 (FBS, PG)
V825 Her  = GSC 3081.0053 = USNO-A2.0 1275-09290751 = 1717+4118 (PG)
V838 Her  = Nova Her 1991
V844 Her  = Antipin V43 = USNO-A2.0 1275-08931436 = Var 43 Her
V849 Her  = Her 2 = USNO-A2.0 0975-08426428 = 1633+1130 (PG)
V884 Her  = Her 5 = USNO-A2.0 1050-09570103
          = J1802+1804 (1AXG, EUVE, RX, 1RXS, WGA)
V1007 Her = RBS 1646 = S 10946 Her = USNO-A2.0 1275-09339023
          = J1724+4114 (RX, 1RXS)
WW Hor    = USNO-A2.0 0375-00830621 = 0234-5232 (EXO)
CT Hya    = USNO-A2.0 0900-06180112
EX Hya    = GSC 6709.0694 = HV 10215 = RBS 1173
          = USNO-A2.0 0600-15217174
          = 1249-2858 (2A, 3A, CGS, EC, EXO, 1ES, 2E, 1H, 1M, 3U, 4U)
          = J1252-2914 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, XUV)
LY Hya    = Hya 2 = USNO-A2.0 0600-15794581 = 1329-2925 (CTCV, EC, PG)
MM Hya    = GSC 4891.0637 = Hya 1 = USNO-A2.0 0825-06779124
          = 0911-0635 (PG)
MN Hya    = Hya 4 = USNO-A2.0 0600-12417734 = J0929-2404 (RX, 1RXS)
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VW Hyi    = GSC 9156.1776 = HV 8028 = RBS 512 = USNO-A2.0 0150-01666314
          = 0409-7125 (2E)
          = J0409-7117 (EUVE, 2EUVE, RE, 2RE, 1RXS)
WX Hyi    = GSC 8854.0927 = HV 8016 = RBS 288 = USNO-A2.0 0225-00546838
          = 0208-6332 (2E) = J0209-6818 (1RXS)
BL Hyi    = RBS 232 = USNO-A2.0 0150-01107573
          = 0139-6808 (3A, EC, 1ES, 2E, H, 1H)
          = J0141-6753 (EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
CV Hyi    = RBS 213 = USNO-A2.0 0225-00401739
          = J0132-6554 (RE, RX, 1RXS)
CD Ind    = Ind 1 = RBS 1735 = USNO-A2.0 0300-37114801
          = J2115-5840 (EUVE, 2EUVE, RX, 1RXS)
DI Lac    = HD 214239 = Nova Lac 1910 = USNO-A2.0 1425-13714796
          = 2233+5227 (KPD)
T  Leo    = BD +4 2506a = RBS 1008 = USNO-A2.0 0900-06972265
          = 1135+0338 (PG) = J1138+0322 (1RXS)
U  Leo    = BD +14 2239 = Nova Leo 1855 = USNO-A2.0 0975-06484147
X  Leo    = USNO-A2.0 0975-06349536
RZ Leo    = Nova Leo 1918 = USNO-A2.0 0900-06968536
DO Leo    = LB 10702 = USNO-A2.0 1050-06335317 = 1038+1527 (PG)
DP Leo    = USNO-A2.0 1050-06466903 = 1114+1814 (EXO, 1E, 2E, MS)
          = J1117+1757 (RX, 1RXS, WGA, XUV)
GG Leo    = RBS 842 = USNO-A2.0 0975 06450035
          = J1015+0904 (RX, 1RXS, XUV)
RU LMi    = CBS 119 = Ton 1143 = USNO-A2.0 1200-06438260
RZ LMi    = CBS 111 = GSC 2505.0583 = SVS 2543 = Ton 1107
          = USNO-A2.0 1200-06403392 = 0948+3421 (KUV, PG)
ST LMi    = USNO-A2.0 1125-06242754 = 1102+2522 (CW)
SX LMi    = CBS 31 = Ton 45 = USNO-A2.0 1200-06609002
WX LMi    = USNO-A2.0 1275-07720606 = 1023+3900 (HS)
GW Lib    = Nova Lib 1983 = USNO-A2.0 0600-17903832
HP Lib    = GSC 5608.1089 = Lib 5 = USNO-A2.0 0750-09057165
          = 1533-1403 (EC)
BR Lup    = HV 4889
IL Lup    = 1543-4730 (1A, EXO, 1M, 2U, 3U, 4U)
BH Lyn    = SVS 2865 = USNO-A2.0 1350-07369248 = 0818+5115 (PG, SBS)
BK Lyn    = CBS 96 = FBS B494 = GSC 2496.0921 = Ton 1051
          = USNO-A2.0 1200-06283795 = 0917+3409 (FBS, PG)
BP Lyn    = FBS B258 = GSC 2986.1825 = KUV 345-57 = Lyn 1
          = USNO-A2.0 1275-07432546 = 0859+4129 (FBS, KUV, PG)
DN Lyn    = GSC 3409.2341 = Tmz V81 = USNO-A2.0 1350-07133477
          = 0728+4739 (HS, IRAS)
AY Lyr    = USNO-A2.0 1275-10304294
CY Lyr    = USNO-A2.0 1125-10620888
DM Lyr    = Nova Lyr 1928 = USNO-A2.0 1200-10197946
LL Lyr    = S 3808 Lyr = USNO-A2.0 1275-10154193
MV Lyr    = Mac R +43 1 = SVS 1021 = USNO-A2.0 1275-10792753
          = 1905+4356 (2E, H) = J1907+4401 (1RXS)
V344 Lyr  = S 9329 Lyr
V419 Lyr  = SVS 1584
V477 Lyr  = central star of the planetary nebula Abell 46 = NSV 10973
          = USNO-A2.0 1125-09693008
TU Men    = S 6732 Men = USNO-A2.0 0075-00768759
AH Men    = GSC 9391.0179 = Men 1 = USNO-A2.0 0075-01129250
          = 0616-8148 (EC, H, 1H)
BT Mon    = Nova Mon 1939 = USNO-A2.0 0825-03048036
CW Mon    = USNO-A2.0 0900-03178341
V616 Mon  = Mon X-1 = Nova Mon 1917, 1975 = USNO-A2.0 0825-02326455
          = 0620-0019 (1A, 3A, CGS, 1M, 2S, 4U)
V651 Mon  = central star of the planetary nebula NGC 2346
          = AGK3 -0 965 = HD 293373 = HIP 34541 = 0706-0043 (IRAS)
GQ Mus    = Nova Mus 1983
GR Mus    = 1254-6901 (3A, CGS, 1ES, 2E, H, 1H, 1M, 2S, 3U, 4U)
          = 1257-6917 (1RXS)
GU Mus    = Nova Mus 1991 = 1124-6824 (GS, GRS)
          = J1126-6840 (2RE, 1RXS)
LZ Mus    = Nova Mus 1998
AB Nor    = HV 4908
QX Nor    = GX 331-1  = 1608-5217 (CGS, 1ES, H, 1H, 1M, 2S, 4U)
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V381 Nor  = J1550-5628 (XTE)
AO Oct    = S 7103 Oct
BE Oct    = S 6633 Oct = USNO-A2.0 0075-00002145
V380 Oph  = USNO-A2.0 0900-10672793
V426 Oph  = GSC 0443.1459 = SVS 83 = USNO-A2.0 0900-11675451
          = J1807+0551 (1AXG)
V442 Oph  = GSC 6235.0371 = SVS 337 = USNO-A2.0 0675-19980286
V841 Oph  = BD -12 4633 = GSC 5651.1540 = Nova Oph 1848
          = USNO-A2.0 0750-10239160 = 1656-1248 (2E)
V849 Oph  = HD 167276 = HV 3520 = Nova Oph 1919
          = USNO-A2.0 0975-10853712
V2051 Oph = USNO-A2.0 0600-24362115
V2107 Oph = Nova Oph 1977 = 1705-2501 (3A, H, 1H)
          = J1708-2505 (1RXS)
V2134 Oph = 1658-2952 (3A, CGS, H, 1H, MXB, 4U)
V2214 Oph = Nova Oph 1988
V2216 Oph = GX 9+9 = Oph X-1 (obsolte)
          = 1728-1655 (3A, CGS, 1ES, H, 1H, 1M, 2S, 2U, 3U, 4U)
V2293 Oph = Nova Oph 1993 = J1719-2501 (GRO, GRS)
V2301 Oph = Oph 1 = USNO-A2.0 0975-10194043 = 1758+0810 (H, 1H)
V2400 Oph = Oph 3 = USNO-A2.0 0600-25058849 = J1712-2414 (RX)
CN Ori    = GSC 4476.0509 = USNO-A2.0 0825-01724700 = J0552-0525 (RX)
CZ Ori    = USNO-A2.0 1050-03255349
V1055 Ori = USNO-A2.0 0975-02882242
          = 0614+0909 (3A, CGS, H, 1H, 1M, 2S, 3U, 4U)
          = J0617+0908 (1RXS)
V1159 Ori = GSC 4757.1521 = NSV 2011 = USNO-A2.0 0825-01532060
          = J0528-0333 (RX, 1RXS)
V1193 Ori = GSC 4752.1172 = Hamuy's variable = USNO-A2.0 0825-01405960
V1309 Ori = Ori 1 = USNO-A2.0 0900-01480418 = J0515+0104 (RX, 1RXS)
BD Pav    = HV 10031 = Nova Pav 1934 = USNO-A2.0 0300-34777933
GS Pav    = S 7040 Pav = USNO-A2.0 0150-19347215
V345 Pav  = GSC 8786.1495 = USNO-A2.0 0300-35915166
          = 1931-5915 (EC, 1H)
V347 Pav  = Pav 2 = USNO-A2.0 0150-18634705
          = J1844-7418 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
V349 Pav  = DR V221b = Drissen V211b = Pav 1 = USNO-A2.0 0225-30567412
          = V2008-6527 = V2009-65.5
V393 Pav  = Pav 4 = RBS 1664 = USNO-A2.0 0300-36236577
          = J1957-5738 (RX, 1RXS)
RU Peg    = GSC 1145.0536 = 2211+1227 (2E) = J2214+1242 (RX, 1RXS)
HX Peg    = EGGR 336 = GJ 2158 = GSC 1176.1589
          = USNO-A2.0 0975-21346343 = 2337+1221 (PG, WD)
IK Peg    = BD +18 4794 = GSC 1671.0710 = HD 204188 = HIP 105860
          = HR 8210 = SAO 107138 = USNO-A2.0 0150-19600672
          = 2124+1909 (WD)
          = J2126+1922 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS)
IP Peg    = GSC 1716.1815 = SVS 2549 = USNO-A2.0 1050-20652854
          = 2320+1808 (FBS)
IR Peg    = USNO-A2.0 0900-19696718 = 2131+0637 (PG, WD)
LQ Peg    = GSC 1128.0538 = Peg 6 = USNO-A2.0 0975-20472447
          = 2133+1127 (PG)
LS Peg    = GSC 1134.0745 = NSV 13903 = Peg 2 = S 193
          = USNO-A2.0 0975-20642251
MS Peg    = EGGR 232 = GD 245 = GSC 2238.0737 = USNO-A2.0 1125-19596388
          = 2256+2459 (KUV, WD)
V369 Peg  = NSV 26006 = USNO-A2.0 1050-20546781 = 2301+1701 (KUV)
V  Per    = BD +56 406a = HD 12244 = HV 6 = Nova Per 1887
          = USNO-A2.0 1425-02812180
TZ Per    = GSC 3698.3115 = USNO-A2.0 1425-03116831
UV Per    = USNO-A2.0 1425-03022930
FY Per    = GSC 3355.0750 = USNO-A2.0 1350-04797648
GK Per    = BD +43 740a = GSC 2874.0922 = HD 21629 = Nova Per 1901
          = 0327+4343 (1A, 3A, CGS, 2E, KPD)
KT Per    = USNO-A2.0 1350-01534661 = 0134+5042 (2E)
          = J0137+5057 (1RXS)
PU Per    = S 9727 Per = USNO-A2.0 1200-01165067
PV Per    = S 9728 Per = USNO-A2.0 1275-01687112
PY Per    = S 9160 Per = USNO-A2.0 1275-01784070
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QY Per    = S 9178 Per
V518 Per  = Nova Per (1992, 1993) = 0418+3247 (GRS) = J0421+3254 (GRO)
CM Phe    = JL 181 = Phe 1 = USNO-A2.0 0375-00108185
          = J0021-5142 (CTCV)
RR Pic    = GSC 8899.1342 = HIP 31481 = Nova Pic 1925 = 0635-6235 (2E)
          = J0635-6238 (1RXS)
TW Pic    = GSC 8527.0653 = RBS 664 = USNO-A2.0 0300-01781330
          = 0534-5803 (EC, 1ES, 2E, H, 1H) = J0534-5801 (1RXS)
UW Pic    = Pic 1 = RBS 658 = USNO-A2.0 0375-01996415
          = J0531-4624 (RE, 2RE, RX, 1RXS)
TY Psc    = S 10900 Psc = USNO-A2.0 1200-00590498
AO Psc    = GSC 5238.0223 = RBS 1914 = USNO-A2.0 0825-19811517
          = 2252-0326 (3A, CGS, 2E, H, 1H)
          = J2255-0310 (1AXG, 1RXS)
AY Psc    = NSV 564 = PHL 1065 = USNO-A2.0 0900-00380276
          = 0134+0701 (PG)
TY PsA    = BV 981 = NSV 14328 = PS 74 = RBS 1900
          = USNO-A2.0 0600-44298517
UY Pup    = USNO-A2.0 0750-05134534
VV Pup    = USNO-A2.0 0675-08656079 = 0812-1854 (1E, 2E, 1ES)
          = J0815-1903 (RE, 2RE, RX, 1RXS, WGA, XUV)
BV Pup    = USNO-A2.0 0600-07740843
BX Pup    = USNO-A2.0 0600-08118692
CP Pup    = Nova Pup 1942 = USNO-A2.0 0525-07738187 = 0809-3512 (2E)
DY Pup    = HV 3600 = Nova Pup 1902 = USNO-A2.0 0600-09533862
HZ Pup    = Nova Pup 1963#1 = S 8438 Pup = USNO-A2.0 0600-08797320
V347 Pup  = GSC 8105.1618 = LB 1800  = Pup 2 = USNO-A2.0 0375-02359182
          = 0609-4844 (4U)
V348 Pup  = Pup 1 = USNO-A2.0 0525-04340304
          = 0710-3600 (2A, H, 1H, 1M, 3U, 4U)
V351 Pup  = Nova Pup 1991
V516 Pup  = USNO-A2.0 0375-04666219 = J0803-4748 (RX, 1RXS)
T  Pyx    = HV 3348 = Nova Pyx (1890, 1902, 1920, 1944, 1966, 1967)
          = USNO-A2.0 0525-10863198 = 0902-3210 (1H)
VW Pyx    = central star of the planetary nebula K 1-2 = NSV 4326
          = 0855-2846 (IRAS)
VZ Pyx    = GSC 6589.0081 = Pyx 1 = USNO-A2.0 0600-11712070
          = 0857-2417 (H, 1H)
WX Pyx    = Pyx 2 = USNO-A2.0 0600-10679543 = 0830-2238 (1E)
V  Sge    = GSC 1643.1764 = USNO-A2.0 1050-17303878 = 2018+2056 (2E)
RZ Sge    = USNO-A2.0 1050-16212554
UU Sge    = central star of the planetary nebula Abell 63 = HV 5452
          = NSV 12320 = S 8314 Sge
WY Sge    = d'Agelet's nova of 1783 = Nova Sge 1783
          = USNO-A2.0 1050-14048324
WZ Sge    = EGGR 136 = HV 3518 = Nova Sge (1913, 1946, 1978, 2001)
          = Lanning 50 = 2005+1733 (2E, 1ES, WD)
AW Sge    = USNO-A2.0 1050-15879624
QR Sge    = central star of the planetary nebula M 1-67
          = GSC 1586.0411 = HIP 94289 = NSV 11797 = WR 124 = 209 BAC
          = 1909+1646 (IRAS)
GM Sgr   -> V4641 Sgr
V617 Sgr  = HV 7202 = WR 109
V630 Sgr  = HD 321353 = HDE 321353 = Nova Sgr 1936#4
          = USNO-A2.0 0525-32591726
V729 Sgr  = USNO-A2.0 0600-39884926
V909 Sgr  = Nova Sgr 1941
V1017 Sgr = HV 3519 = Nova Sgr 1919 = 1828-2925 (2E)
V1223 Sgr = USNO-A2.0 0525-38938531
          = 1851-3113 (3A, CGS, 1E, 1ES, 1H, 4U)
V3885 Sgr = CD -42 14462 = CPD -42 8912 = GSC 7941.0694 = HIP 97394
          = USNO-A2.0 0450-38150035 = 1944-4207 (EC, WD)
V4077 Sgr = Nova Sgr 1982
V4134 Sgr = GX -2.5 = Sco X-6
          = 1755-3348 (3A, CGS, 1ES, Ginga, H, 1H, 1M, 2S, 3U, 4U)
V4140 Sgr = NSV 12615 = S 7273 Sgr = USNO-A2.0 0450-38401030
V4580 Sgr = J1808-3658 (RXTE, SAX)
V4633 Sgr = Nova Sgr 1998
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V4634 Sgr = NSV 24453 = 1826-2349 (GS) = J1829-2347 (RX, 1RXS)
V4641 Sgr = GSC 6848.3786 = USNO-A1.0 0600-16547317
          = J1819-2524 (RXTE, SAX), sometimes erroneously referred to
            as GM Sgr
V4738 Sgr = RBS 1678 = USNO-A2.0 0450-38841007 = J2022-3953 (RX, 1RXS)
U  Sco    = BD -17 4554
          = Nova Sco (1863, 1906, 1936, 1945, 1979, 1987, 1999)
MM Sco    = HV 6553 = USNO-A2.0 0450-28259213
V697 Sco  = Nova Sco 1941
V818 Sco  = GSC 6202.0919 = Sco X-1 = USNO-A2.0 0675-15585017
          = 1617-1531 (2A, 3A, CGS, H, 1H, 1M, 3U, 4U)
          = J1619-1538 (EUVE, 2EUVE, RE, 2RE)
V893 Sco  = SVS 1772 = USNO-A1.0 0600-11409621
          = USNO-A2.0 0600-20045640 = J1615-2837 (1RXS)
V926 Sco  = GX 346-7 = Sco XR-3 = USNO-A2.0 0450-29236960
          = 1735-4425 (3A, CGS, 1ES, H, 1H, 1M, MXB, 2S, 3U, 4U)
          = J1738-4427 (1RXS)
V992 Sco  = Nova Sco 1992 = USNO-A2.0 0450-26500263
V1033 Sco = Nova Sco 1994 = USNO-A2.0 0450-25921220 = J1654-3950 (GRO)
V1101 Sco = GX -10.7 = GX 349+2 = Sco X-2 = Sco XR-2
          = 1702-3621 (3A, CGS, EXO, H, 1H, 1M, 2S, 3U, 4U)
          = J1705-3625 (1RXS)
VY Scl    = GD 1662 = GSC 6986.0765 = PHL 538 = PS 141
          = USNO-A2.0 0600-44587161 = 2326-3003 (EC, 2E)
VZ Scl    = Ton S 120 = USNO-A2.0 0600-44740845 = 2347-2639 (EC)
BW Scl    = USNO-A2.0 0450-40779854 = 2350-3908 (HE, MCT)
          = J2353-3851 (RX, 1RXS)
X  Ser    = GSC 5038.0320 = HV 3137 = Nova Ser 1903
          = USNO-A2.0 0825-09269229
UZ Ser    = USNO-A2.0 0750-12784351
CT Ser    = Nova Ser 1948 = USNO-A2.0 0975-07968400 = 1543+1431 (PG)
LX Ser    = GSC 1497.0750 = Stepanian's object = SVS 2354
          = USNO-A2.0 1050-07571337
MM Ser    = GX +36.3 = Ser X-1 = Ser XR-1
          = 1837+0459 (3A, CGS, H, 1H, 1M, MXB, 2S, 2U, 3U, 4U)
          = J1839+0502 (1RXS)
MR Ser    = USNO-A2.0 1050-07670226 = 1550+1905 (1ES, EXO, PG)
MT Ser    = central star of the planetary nebula Abell 41 = NSV 8841
          = 1726-1510 (IRAS)
NN Ser    = USNO-A2.0 0975-08026398 = 1550+1303 (PG)
NP Ser    = incorrect optical identification of the X-ray source
         -> 1813-1403
NY Ser    = HV 10444 = NSV 6990 = Ser 1 = USNO-A2.0 1125-07197005
          = 1510+2326 (PG)
QW Ser    = Tmz V46 = USNO-A1.0 0975-07935332 = USNO-A2.0 0975-07829422
QZ Ser    = Had V4 = USNO-A2.0 1050-07701593
RW Sex    = BD -7 3007 = GSC 5490.0556 = HIP 50581
          = USNO-A2.0 0750-07214566 = 1017-0826 (2E, EC, WD)
          = J1019-0841 (RX, 1RXS)
SW Sex    = GSC 4907.0182 = USNO-A2.0 0825-07139947 = 1012-0253 (PG)
UZ Sex    = GJ 3605 = GSC 4905.0370 = USNO-A2.0 0825-07211912
          = 1026+0014 (HE, PG, WD)
V471 Tau  = BD +16 516 = G 7-23 = GSC 1252.0212 = HIP 17962
          = USNO-A2.0 1050-01044265 = 0347+1705 (1E, 1ES, 2E, WD)
          = J0350+1714 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
V701 Tau  = SVS 1972
V1062 Tau = Tau 1 = USNO-A2.0 1125-02004889 = 0459+2141 (2E, H, 1H)
V1208 Tau = Tau 3 = USNO-A2.0 1050-01567769 = J0459+1926 (RX)
KK Tel    = S 6888 Tel = USNO-A2.0 0375-38820307
QS Tel    = USNO-A2.0 0375-37973205
          = J1938-4612 (CTCV, EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
RW Tri    = GSC 1774.0214 = USNO-A2.0 1125-00775803
TW Tri    = EGGR 292 = GSC 2297.0187 = SVS 2288
          = USNO-A2.0 1200-00670068
UW Tri    = Nova Tri 1983 = SVS 2558
WY Tri    = S 10919 Tri = USNO-A2.0 1200-01028279
AI Tri    = RBS 274 = USNO-A2.0 1125-00663858
          = J0203+2959 (RX, 1RXS)
EK TrA    = S 5005 TrA
KZ TrA    = USNO-A2.0 0225-25605343
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          = 1627-6721 (2A, 3A, CGS, H, 1H, 1M, 2S, 3U, 4U)
          = J1632-6727 (1RXS)
LU TrA    = Nor XR-2 = 1556-6035 (3A, CGS, H, 1H, 1M, 2S, 2U, 3U, 4U)
CP Tuc    = Tuc 2 = USNO-A2.0 0300-37918369 = J2315-5910 (AX)
SU UMa    = FBS B662 = GSC 4129.0138 = RBS 694
          = USNO-A2.0 1500-04996346
          = 0808+6245 (1E, 1ES, 2E, FBS, 1H, PG)
          = J0812+6236 (RX, 1RXS)
SW UMa    = RBS 710 = USNO-A2.0 1425-07186488 = 0832+5339 (SBS)
          = J0836+5328 (1RXS)
UX UMa    = GSC 3469.1302 = SVS 365 = USNO-A2.0 1350-08303671
AN UMa    = RBS 938 = S 7738 UMa = USNO-A2.0 1350-07885288
          = 1101+4519 (2E, EXO, PG)
          = J1104+4503 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
AR UMa    = CSO 1153 = S 7744 UMa = USNO-A2.0 1275-07883451
          = 1112+4314 (1ES, H) = J1115+4258 (ALEXIS, RX, XUV)
BC UMa    = USNO-A2.0 1350-08018313
BE UMa    = SVS 1424 = USNO-A2.0 1350-08033471
          = 1155+4913 (SBSS, PG)
          = central star of the planetary nebula Tweedy 1
BZ UMa    = RBS 728 = SVS 1719 = USNO-A2.0 1425-07238187
          = 0849+5800 (PG, SBS, WD) = J0853+5748 (1RXS)
CH UMa    = FBS B789 = GSC 4383.2019 = SVS 1851
          = USNO-A2.0 1575-03044570 = 1003+6747 (1E, 1ES, 2E, FBS, PG)
CI UMa    = FBS B882 = SVS 1755 = USNO-A2.0 1575-03061547
          = 1014+7210 (FBS)
CY UMa    = SVS 2198 = USNO-A2.0 1350-07862611 = 1054+4957 (2E, SBS)
          = J1056+4941 (1RXS)
DI UMa    = NSV 4407 = S 5305 UMa = USNO-A2.0 1350-07549201
DV UMa    = US 943 = USNO-A2.0 1275-07584869
DW UMa    = GSC 3822.0464 = USNO-A2.0 1425-07514986
          = 1030+5902 (FBS, PG, SBS)
EG UMa    = C 1 = Case 1 = EGGR 87 = GJ 459.1 = GSC 3834.0241
          = SVS 2817 = USNO-A2.0 1425-07788231 = 1213+5247 (SBS, WD)
EI UMa    = GSC 3419.0098 = RBS 713 = USNO-A2.0 1350-07431333
          = 0834+4848 (1H, PG) = J0838+4838 (1RXS)
EK UMa    = RBS 911 = USNO-A2.0 1425-07565259
          = 1048+5420 (1E, 2E, 1H, MS)
          = J1051+5404 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
ER UMa    = GSC 3439.0550 = UMa 1 = USNO-A2.0 1350-07655993
          = 0943+5207 (PG, SBS)
EU UMa    = RBS 1039 = US 3019 = USNO-A2.0 1125-06391488
          = J1149+2845 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, XUV)
EV UMa    = RBS 1219 = J1307+5351 (RE, 2RE, RX, 1RXS)
FH UMa    = RBS 904 = UMa 9 = J1047+6335 (RX, 1RXS, WGA, 1WGA)
IY UMa    = Tmz V85 = USNO-A1.0 1425-07642945 =  USNO-A2.0 1425-07542823
KS UMa    = USNO-A2.0 1425-07480336 = 1017+5319 (SBS)
          = J1020+5304 (RX, 1RXS)
KV UMa    = USNO-A2.0 1350-07924276 = J1118+4808 (XTE)
RW UMi    = Nova UMi 1956 = SVS 1359
SS UMi    = FBS B904 = USNO-A2.0 1575-03583454
          = 1551+7155 (E, 1E, FBS, PG)
CU Vel    = HV 8171 = S 4907 Vel = USNO-A2.0 0450-07914422
IX Vel    = CD -48 3636 = CPD -48 1577 = GSC 8157.0627 = HIP 40430
          = SAO 219684 = USNO-A2.0 0375-05171094
          = J0815-4913 (EUVE, 2EUVE, RE, 2RE)
KO Vel    = USNO-A2.0 0375-10655321 = 1013-4743 (1E, 2E, H)
          = J1015-4758 (1RXS)
KV Vel    = central star of the planetary nebula PK 283 +9.1
          = CD -48 6027 = CPD -48 3606 =  GSC 8207.2114 = LSS 2018
          = USNO-A2.0 0375-12472040 = 1052-4831 (IRAS)
MM Vel    = Nova Vel 1993 = 1011-4449 (GRS)
MR Vel    = USNO-A2.0 0375-07871027 = J0925-4758 (RX)
V381 Vel  = USNO-A2.0 0450-11074610 = J1016-4103 (RX, 1RXS)
V382 Vel  = Nova Vel 1999 = USNO-A2.0 0375-12052050
TW Vir    = USNO-A2.0 0825-07547424 = 1142-0409 (2E, PG)
          = J1145-0426 (1RXS)
GK Vir    = USNO-A2.0 0900-07624036 = 1413+0131 (PG, WD)
HS Vir    = GSC 5546.0431 = USNO-A2.0 0750-08224965 = 1341-0759 (PG)
HV Vir    = Nova Vir 1929 = NSV 6201 = USNO-A2.0 0900-07368877
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HW Vir     = BD -7 3477 =  GSC 5528.0629 = HIP 62157
           = USNO-A2.0 0750-07937334 = 1241-0823 (PG)
NY Vir     = GSC 4966.0491 = USNO-A2.0 0825-08062481 = 1336-0146 (PG)
OU Vir     = USNO-A2.0 0825-08375469 = Vir 4 = 1432-0033 (LBQS)
UY Vol     = 0748-6737 (EXO, 2E) = J0748-6745 (1RXS)
VW Vul     = USNO-A2.0 1125-17520116
PW Vul     = Nova Vul 1984#1 = USNO-A2.0 1125-12609819
QQ Vul     = USNO-A2.0 1125-15066679 = 2003+2231 (1E, 2E, EXO, H)
           = J2005+2240 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
QU Vul     = Nova Vul 1984#2
QZ Vul     = Nova Vul 1988 = 2000+2505 (ASM, GS)
V405 Vul   = S 10943 Vul = USNO-A2.0 1050-15420156 = J1953+2114 (RX)
V406 Vul   = J1858+2239 (RXTE)
V407 Vul   = J1914+2456 (RX, 1RXS)
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Part II: Provisional Designations Involving Constellation Names

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And 1    -> PX And
Aqr 5    -> J2316-0527
Aql 1    -> V1432 Aql
Aur 1    -> V405 Aur
Cae 1    -> RS Cae
Car 1    -> V436 Car
Cas 1    -> V664 Cas
Cas 2    -> V709 Cas
Cen 2    -> V895 Cen
Cen 3    -> V1033 Cen
Cep 1    -> GD 552
Cet 3    -> 0158-0939
Cet 4    -> BO Cet
Cir 1    -> BZ Cir
Col 1    -> UU Col
Com 1    -> IR Com
CrB 1    -> VW CrB
Crv 1    -> TV Crv
Cyg 2    -> 1933+5100
Cyg 6    -> V2069 Cyg
Dra 3    -> ES Dra
Dra 4    -> EP Dra
Dra 5    -> EX Dra
Dra 6    -> IX Dra
For 1    -> VY For
Gru 1    -> CI Gru
Gru 2    -> CE Gru
Gru 3    -> CF Gru
Her 2    -> V849 Her
Her 5    -> V884 Her
Hya 1    -> MM Hya
Hya 2    -> LY Hya
Hya 4    -> MN Hya
Ind 1    -> CD Ind
Leo 2    -> 1114+1842
Leo 7    =  USNO-A2.0 0900-06464240 = 0935+0728 (PG)
Lib 5    -> HP Lib
Lyn 1    -> BP Lyn
Men 1    -> AH Men
Oph 1    -> V2301 Oph
Oph 3    -> V2400 Oph
Ori 1    -> V1309 Ori
Pav 1    -> V349 Pav
Pav 2    -> V347 Pav
Pav 4    -> V393 Pav
Peg 2    -> LS Peg
Peg 6    -> LQ Peg
Phe 1    -> CM Phe
Pic 1    -> UW Pic
Pup 1    -> V348 Pup
Pup 2    -> V347 Pup
Pyx 1    -> VZ Pyx
Pyx 2    -> WX Pyx
Ser 1    -> NY Ser
Tau 1    -> V1062 Tau
Tau 2    =  0357+0614 (KUV)
Tau 3    -> V1208 Tau
Tuc 1    -> NGC 104-CV1
Tuc 2    -> CP Tuc
UMa 1    -> ER UMa
UMa 5    -> 1045+5234
UMa 6    -> 0928+5004
UMa 7    -> 1000+6643
UMa 9    -> FH UMa
Vir 4    -> OU Vir
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Part III: Other Names in Alphabetical Order

A 9	->	AKO 9
Abell 41	=	PK 9 +10.1 = PN G009.6+10.5,
		planetary nebula, central star -> MT Ser
Abell 46	=	PK 55 +16.1 = PN G055.4+16.0,
		planetary nebula, central star -> V477 Lyr
Abell 63	=	PK 53 -3.1 = PN G053.8-03.0,
		planetary nebula, central star -> UU Sge
Abell 65	=	PK 17 -21.1 = PN G017.3-21.9,
	=	GSC 6890.2790 = central star of the planetary
		nebual Abell 65
AC 211	=	M15-X1 = NGC 7078-X1
	=	X-ray binary in the globular cluster M 15
	=	2127+1156 (2A, 3A, CGS, 1E, 1ES, EXO, Ginga,
		1H, 1M, 2S, 3U, 4U)
	=	J 2129+1210 (1RXS)
AE 1	->	V803 Cen
AGK3 +69 515	->	4 Dra
AGK3 +30 554	->	T Aur
AGK3 -0 965	->	V651 Mon
AKO 9	=	A9 = DPF 2059 = EGG V11 = FDP 2324
	=	CV candidate in NGC 104
Antipin V21	->	VW CrB
Antipin V43	->	V844 Her
Antipin V62	->	V402 And
Antipin V64	->	FT Cam
Aql X-1	->	V1333 Aql
BD +70 700	->	4 Dra
BD +56 406a	->	V Per
BD +43 740a	->	GK Per
BD +42 4189a	->	SS Cyg
BD +30 923a	->	T Aur
BD +22 3171	->	1735+2210
BD +22 1807	->	U Gem
BD +18 4794	->	IK Peg
BD +18 2101	->	SY Cnc
BD +16 516	->	V471 Tau
BD +14 341	->	TT Ari
BD +14 2239	->	U Leo
BD +4 2506a	->	T Leo
BD -3 5357	->	FF Aqr
BD -7 3007	->	RW Sex
BD -7 3477	->	HW Vir
BD -12 4633	->	V841 Oph
BD -17 4554	->	U Sco
Bo 158	->	Bol 158
Bol 158	=	globular cluster in the M 31 = NGC 224 system,
		X-ray source -> J0043+4107
BPM 6114	->	0957-6639
BPM 6502	->	1042-6902
BPM 31582	->	RR Cae
BPM 71214	=	GSC 5296.0200 = USNO-A2.0 0750-00784615
BPM 92172	->	1713+3316
BPM 95701	->	2033+1849
BV 416	->	WX Cet
BV 981	->	TY PsA
C 1	->	EG UMa
CAL 30	->	LMC X-2
CAL 83	=	LHG 83 = USNO-A2.0 0150-03591089
	=	0543-6823 (1E, 1ES, 2E) = J0543-6822 (RX, 1RXS)
CAL 86	=	LHG 86 = USNO-A2.0 0150-03669168
	=	0546-6836 (2E) = J0546-6835 (RX, 1RX)
CAL 87	=	LHG 87 = 0547-7109 (1E, 2E) = J0546-7108 (1RXS)
Case 1	->	EG UMa
CBS 1	->	0849+3155
CBS 31	->	SX LMi
CBS 38	->	1110+2924
CBS 39	->	1116+3008
CBS 60	->	LM Com

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CBS 96                  -> BK Lyn
CBS 111                 -> RZ LMi
CBS 119                 -> RU LMi
CBS 134                 -> 1101+3626
CBS 160                 -> UX CVn
CBS 188                 -> 1428+3723
CBS 335                 -> 1300+2756
CBS 354                 -> AM CVn
CD -23 14565            -> HD 171858
CD -42 14462            -> V3885 Sgr
CD -44 2920             -> HD 49798
CD -48 3636             -> IX Vel
CD -48 6027             -> KV Vel
CD -67 1010             -> QU Car
CE 315                  =  USNO-A2.0 0600-15494580 = WT 2014
Cen X-2?                -> BW Cir
Cen X-4                 -> V822 Cen
Cen XR-2                -> WX Cen
central star of the planetary nebula Abell 41    -> MT Ser
central star of the planetary nebula Abell 46    -> V477 Lyr
central star of the planetary nebula Abell 63    -> UU Sge
central star of the planetary nebula Abell 65    -> Abell 65
central star of the planetary nebula Hf 2-2      -> Hf 2-2
central star of the planetary nebula HFG 1       -> V664 Cas
central star of the planetary nebula HtTr 4      -> HtTr 4
central star of the planetary nebula K 1-2       -> VW Pyx
central star of the planetary nebula M 1-67      -> QR Sge
central star of the planetary nebula NGC 2346    -> V651 Mon
central star of the planetary nebula PK 283 +9.1 -> KV Vel
central star of the planetary nebula EGB 5       -> 0808+1106
central star of the planetary nebula Sp 1        -> Sp 1
CPD -69 389             -> AA Dor
CPD -67 1645            -> QU Car
CPD -48 1577            -> IX Vel
CPD -48 3606            -> KV Vel
CPD -44 1096            -> HD 49798
CPD -42 8912            -> V3885 Sgr
CPD -23 7164            -> HD 171858
CSO 1153                -> AR UMa
CSV 4693                -> V1504 Cyg
CSV 7612                -> V877 Ara
CV in M 67              -> EU Cnc
CV 496-083              =  SDSS CV candidate 496-083
Cyg X-2                 -> V1341 Cyg
d'Agelet's nova of 1783 -> WY Sge
DPF 2059                -> AKO 9
DR V211b                -> V349 Pav
Drissen V211b           -> V349 Pav
DS 1                    -> PK 283 +9.1, central star -> KV Vel
EGB 4                   -> PN G143.6+23.8, central star -> BZ Cam
EGB 5                   =  PK 212 +22.1 = PK 212 +23.1 = PN G211.9+22.6,
                           central star -> 0808+1106
EGG V11                 -> AKO 9
EGGR 11                 -> L870-2
EGGR 20                 -> Feige 24
EGGR 38                 -> HZ 9
EGGR 87                 -> EG UMa
EGGR 91                 -> AM CVn
EGGR 125                -> 1824+0402
EGGR 136                -> WZ Sge
EGGR 151                -> AT Cnc
EGGR 188                -> 1317+4520
EGGR 232                -> MS Peg
EGGR 278                -> 2033+1849
EGGR 292                -> TW Tri
EGGR 332                -> 2009+6216
EGGR 336                -> HX Peg
EGGR 339                -> 0136+7653
EGGR 389                -> GP Com
EGGR 481                -> 0416+7007
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EGGR 577              -> 1704+4807BC
EGGR 585              -> 2331+2902
EGGR 587              -> 1713+3316
ESO 215-04            -> PK 283 +9.1, central star -> KV Vel
ESO 457-16            -> Hf 2-2, central star
FAUST 3460            -> 1244+1119
FAUST 3464            -> 1244+1119
FAUST 3652            -> 1300+2756
FBS B37               -> 1032+4036
FBS B55               -> 0839+3955
FBS B91               -> AM CVn
FBS B113              -> 1428+3723
FBS B258              -> BP Lyn
FBS B303              -> 1204+4505
FBS B388              -> AT Cnc
FBS B494              -> BK Lyn
FBS B509              -> 1101+3626
FBS B523              -> UX CVn
FBS B595              -> V795 Her
FBS B596              -> 1713+3316
FBS B662              -> SU UMa
FBS B721              -> KV Dra
FBS B763              -> 0705+6700
FBS B788              -> 1000+6643
FBS B789              -> CH UMa
FBS B800              -> 1136+6646
FBS B882              -> CI UMa
FBS B888              -> DO Dra
FBS B904              -> SS UMi
FDP 2324              -> AKO 9
Feige 11              =  GSC 0022.0821 = PB 6252
                      =  USNO-A2.0 0900-00248368 = 0101+0357 (PG, WD)
Feige 24              =  EGGR 20 = GSC 0049.0886 = HIP 12031 = PHL 1376
                      =  USNO-A2.0 0900-00603573 = 0232+0330 (PG, WD)
                      =  J0235+0343 (EUVE, 2EUVE, RE, 2RE, RX, XUV)
Feige 36              =  GSC 1978.0294 = USNO-A2.0 1125-06238753
                      =  1101+2455 (PG, WD)
Feige 55              =  GD 314 = GSC 4154.0827 = LB 2197
                      =  USNO-A2.0 1500-05508146
                      =  1202+6048 (PG, SBS, WD)
Feige 81              -> 1329+1556
G 7-23                -> V471 Tau
G 7-255               -> HZ 9
G 21-15               -> 1824+0402
G 61-29               -> GP Com
G 141-11              -> 1824+0402
G 177-31              -> 1317+4520
G 203-47A             =  GJ 3991 = GSC 3084.0558 = HIP 83945
G 230-26              -> V1513 Cyg
G 271-115             -> L870-2
GD 231                -> 2032+1849
GD 245                -> MS Peg
GD 249                -> 0416+7007
GD 251                -> 2331+2902
GD 314                -> Feige 55
GD 319                -> 1247+5522
GD 360                -> 1713+3316
GD 420                -> 0136+7653
GD 448                -> HR Cam
GD 543                -> 2009+6216
GD 552                =  Cep 1 = USNO-A2.0 1500-09347870
GD 1662               -> VY Scl
GJ 64                 -> L 870-2
GJ 459.1              -> EG UMa
GJ 781                -> V1513 Cyg
GJ 2034               -> RR Cae
GJ 2100               -> 1317+4520
GJ 2158               -> HX Peg
GJ 3753               -> 1247+5522
GJ 3605               -> UZ Sex
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GJ 3991	->	G 203-47A
great anihilator	->	1740-2943
Gru V1	->	CE Gru
GSC 0022.0821	->	Feige 11
GSC 0049.0886	->	Feige 24
GSC 0231.1572	->	0918+0258
GSC 0242.1685	->	0940+0649
GSC 0249.0562	->	1022+0501
GSC 0292.0387	->	1230+0514
GSC 0369.0978	->	1627+0144
GSC 0443.1459	->	V426 Oph
GSC 0448.0423	->	V603 Aql
GSC 0560.0777	->	HL Aqr
GSC 0624.1165	->	0133+1124
GSC 0648.1198	->	CC Cet
GSC 0791.0486	->	PQ Gem
GSC 0798.0438	->	0808+1106
GSC 0816.0801	->	AC Cnc
GSC 0819.0892	->	GZ Cnc
GSC 0885.1199	->	1244+1119
GSC 0900.1185	->	CR Boo
GSC 0906.1057	->	1349+1424
GSC 0932.0044	->	1528+1025
GSC 1128.0538	->	LQ Peg
GSC 1134.0745	->	LS Peg
GSC 1145.0536	->	RU Peg
GSC 1176.1589	->	HX Peg
GSC 1185.1428	->	QR And
GSC 1252.0212	->	V471 Tau
GSC 1270.0507	->	HZ 9
GSC 1375.0755	->	U Gem
GSC 1394.0013	->	0850+1700
GSC 1397.0817	->	SY Cnc
GSC 1398.2391	->	CC Cnc
GSC 1404.1830	->	GY Cnc
GSC 1413.0756	->	0934+1838
GSC 1437.0955	->	1115+1637
GSC 1449.0766	->	1248+1626
GSC 1459.1061	->	1329+1556
GSC 1477.1023	->	1432+1553
GSC 1497.0750	->	LX Ser
GSC 1563.1018	->	1735+2210
GSC 1586.0411	->	QR Sge
GSC 1618.1920	->	V1101 Aql
GSC 1642.0998	->	HR Del
GSC 1643.1764	->	V Sge
GSC 1671.0710	->	IK Peg
GSC 1716.1815	->	IP Peg
GSC 1735.1772	->	0001+2731
GSC 1774.0214	->	RW Tri
GSC 1939.1134	->	YZ Cnc
GSC 1944.1001	->	AT Cnc
GSC 1978.0294	->	Feige 36
GSC 1983.1391	->	1116+3008
GSC 1995.0045	->	1300+2756
GSC 2024.0631	->	1512+2421
GSC 2036.0480	->	Ton 245
GSC 2049.1115	->	AH Her
GSC 2079.1551	->	1725+2510
GSC 2238.0737	->	MS Peg
GSC 2297.0187	->	TW Tri
GSC 2485.0686	->	0849+3155
GSC 2496.0921	->	BK Lyn
GSC 2505.0583	->	RZ LMi
GSC 2521.0868	->	1101+3626
GSC 2529.0746	->	UX CVn
GSC 2585.1677	->	J1643+3402
GSC 2595.0676	->	V795 Her
GSC 2655.3329	->	EM Cyg
GSC 2771.0289	->	2345+3148

GSC 2807.1623	-> RX And
GSC 2874.0922	-> GK Per
GSC 2982.1066	-> 0839+3955
GSC 2986.1825	-> BP Lyn
GSC 3005.0579	-> 1032+4036
GSC 3018.2523	-> AM CVn
GSC 3081.0053	-> V835 Her
GSC 3081.0631	-> 1716+4237
GSC 3084.0558	-> G 203-47A
GSC 3111.1979	-> V533 Her
GSC 3196.0723	-> SS Cyg
GSC 3355.0750	-> FY Per
GSC 3409.2341	-> DN Lyn
GSC 3419.0098	-> EI UMa
GSC 3439.0550	-> ER UMa
GSC 3460.0780	-> DE CVn
GSC 3460.1417	-> 1317+4520
GSC 3469.1302	-> UX UMa
GSC 3498.1721	-> 1619+5213
GSC 3514.0358	-> 1743+4742
GSC 3533.1105	-> AM Her
GSC 3657.1285	-> V592 Cas
GSC 3698.3115	-> TZ Per
GSC 3750.0721	-> V405 Aur
GSC 3822.0464	-> DW UMa
GSC 3834.0241	-> EG UMa
GSC 3845.0640	-> 1247+5522
GSC 4056.1762	-> V664 Cas
GSC 4081.0460	-> BY Cam
GSC 4123.0265	-> 0705+6700
GSC 4129.0138	-> SU UMa
GSC 4154.0827	-> Feige 55
GSC 4159.0297	-> 1136+6646
GSC 4181.0930	-> ES Dra
GSC 4184.0139	-> 1519+6402
GSC 4320.0923	-> AM Cas
GSC 4362.0285	-> BZ Cam
GSC 4380.1032	-> Z Cam
GSC 4383.2019	-> CH UMa
GSC 4394.1871	-> 4 Dra
GSC 4429.1070	-> EX Dra
GSC 4476.0509	-> CN Ori
GSC 4498.0468	-> 0136+7653
GSC 4549.1829	-> 1043+7600
GSC 4588.1570	-> AB Dra
GSC 4687.1473	-> L870-2
GSC 4689.0066	-> BO Cet
GSC 4752.1172	-> V1193 Ori
GSC 4757.1521	-> V1159 Ori
GSC 4891.0637	-> MM Hya
GSC 4905.0370	-> UZ Sex
GSC 4907.0182	-> SW Sex
GSC 4910.1132	-> J1016-0520
GSC 4917.0557	-> 1047-0436
GSC 4949.0906	-> 1241-0102
GSC 4966.0491	-> NY Vir
GSC 5038.0320	-> X Ser
GSC 5177.0636	-> AE Aqr
GSC 5200.0849	-> HU Aqr
GSC 5227.0134	-> FF Aqr
GSC 5227.0829	-> UU Aqr
GSC 5238.0223	-> AO Psc
GSC 5264.0415	-> WW Cet
GSC 5296.0200	-> BPM 71214
GSC 5490.0556	-> RW Sex
GSC 5490.0730	-> 1017-0838
GSC 5528.0629	-> HW Vir
GSC 5546.0431	-> HS Vir
GSC 5559.0143	-> 1347-1258
GSC 5608.1089	-> HP Lib

GSC 5651.1540	->	V841 Oph
GSC 5804.0775	->	FO Aqr
GSC 5809.1053	->	2209-1444
GSC 5896.0080	->	0422-2014
GSC 6097.0879	->	TW Crv
GSC 6202.0919	->	V818 Sco
GSC 6235.0371	->	V442 Oph
GSC 6439.0120	->	EF Eri
GSC 6532.2479	->	WY CMa
GSC 6589.0081	->	VZ Pyx
GSC 6709.0694	->	EX Hya
GSC 6848.3786	->	V4641 Sgr
GSC 6858.2869	->	HD 171858
GSC 6890.2790	->	Abell 65
GSC 6986.0765	->	VY Scl
GSC 7059.0509	->	TV Col
GSC 7253.1599	->	V485 Cen
GSC 7267.1198	->	J1313-3259
GSC 7601.1500	->	TX Col
GSC 7639.1289	->	HD 49798
GSC 7941.0694	->	V3885 Sgr
GSC 8010.0064	->	RZ Gru
GSC 8072.1454	->	RR Cae
GSC 8105.1618	->	V347 Pup
GSC 8157.0627	->	IX Vel
GSC 8207.2114	->	KV Vel
GSC 8338.0779	->	HtTr 4
GSC 8527.0653	->	TW Pic
GSC 8530.0528	->	0528-5857
GSC 8532.0218	->	0556-5935
GSC 8552.0902	->	V436 Car
GSC 8666.0998	->	BV Cen
GSC 8676.1161	->	SuWt 2
GSC 8786.1495	->	V345 Pav
GSC 8854.0927	->	WX Hyi
GSC 8899.1342	->	RR Pic
GSC 9156.1776	->	VW Hyi
GSC 9166.0716	->	AA Dor
GSC 9211.0229	->	1042-6902
GSC 9212.2097	->	QU Car
GSC 9373.0613	->	0511-7955
GSC 9391.0179	->	AH Men
GSC 9394.2439	->	Z Cha
GX 9+9	->	V2216 Oph
GX 13+1	->	1811-1710
GX 17+2	->	1813-1403
GX 331-1	->	QX Nor
GX 339-4	->	V821 Ara
GX 346-7	->	V926 Sco
GX 349+2	->	V1101 Sco
GX -10.7	->	V1101 Sco
GX -2.5	->	V4134 Sgr
GX +16.7	->	1813-1403
GX +36.3	->	MM Ser
G332.4-0.4	->	RCW 103
Ha Tr 4	->	HtTr 4
Had V04	->	QZ Ser
Had V4	->	QZ Ser
Hamuy's variable	->	V1193 Ori
Hawkins V6	->	CI Gru
HD 12244	->	V Per
HD 21629	->	GK Per
HD 36294	->	T Aur
HD 48328	->	DM Gem
HD 49798	=	CD -44 2920 = CPD -44 1096 = GSC 7639.1289
	=	HIP 32602 = SAO 218207
	=	USNO-A2.0 0450-02997824
	=	J0648-4418 (RX, WGA, 1WGA)
HD 50480	->	DN Gem
HD 64511	->	U Gem

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HD 96830              -> RS Car
HD 108907             -> 4 Dra
HD 149990             -> OY Ara
HD 167276             -> V849 Oph
HD 171858             =  CD -23 14565 = CPD -23 7164 = GSC 6858.2869
                      =  SAO 187070 = USNO-A2.0 0600-35893288
HD 174107             -> V603 Aql
HD 204188             -> IK Peg
HD 206697             -> SS Cyg
HD 214239             -> DI Lac
HD 293373             -> V651 Mon
HD 321353             -> V630 Sgr
HDE 269696            -> AA Dor
HDE 310376            -> QU Car
HDE 321353            -> V630 Sgr
He 2-407              -> Hf 2-2, central star
Hf 2-2                =  central star of the planetary nebula Hf 2-2 =
                         ESO 457-16 = He 2-407 = PK 5 -8.1 =
                         PN G005-08.9 = 1829-2845 (IRAS)
HFG 1                 =  PK 136 +5(1) = PN G136.3+05.5,
                         planetary nebula, central star -> V664 Cas
HIP 12031             -> Feige 24
HIP 17962             -> V471 Tau
HIP 31481             -> RR Pic
HIP 32602             -> HD 49798
HIP 34541             -> V651 Mon
HIP 40430             -> IX Vel
HIP 50581             -> RW Sex
HIP 54226             -> QU Car
HIP 60998             -> 4 Dra
HIP 62157             -> HW Vir
HIP 83945             -> G 203-47A
HIP 92316             -> V603 Aql
HIP 94289             -> QR Sge
HIP 97394             -> V3885 Sgr
HIP 98906             -> V1513 Cyg
HIP 101991            -> AE Aqr
HIP 102190            -> HR Del
HIP 105860            -> IK Peg
HIP 108644            -> FF Aqr
[HJV94]5              -> NGC 104-X5
[HJV94]7              -> NGC 104-X7
[HJV94}9              -> NGC 104-CV1
[HJV94]10             -> NGC 104-CV3
HR 8210               -> IK Peg
HtTr 4                =  GSC 8338.0779 = central star of the planetary nebula HtTr 4
                      =  PN G335.2-03.6, planetary nebula
Huruhata's star       -> EG Cnc
HV 6                  -> V  Per
HV 47                 -> RS Car
HV 84                 -> SS Cyg
HV 1262               -> WX Cen
HV 1319               -> UU Aql
HV 2554               -> J0527-6954
HV 3137               -> X  Ser
HV 3305               -> OY Ara
HV 3348               -> T  Pyx
HV 3518               -> WZ Sge
HV 3519               -> V1017 Sgr
HV 3520               -> V849 Oph
HV 3600               -> DY Pup
HV 3681               -> TT Boo
HV 3899               -> DH Aql
HV 4647               -> BV Cen
HV 4889               -> BR Lup
HV 4908               -> AB Nor
HV 5428               -> KX Aql
HV 5452               -> UU Sge
HV 5682               -> J0513-6951
HV 6276               -> XZ Eri
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HV 6292	->	AH Eri
HV 6551	->	AT Ara
HV 6553	->	MM Sco
HV 6576	->	BF Ara
HV 7202	->	V617 Sgr
HV 7408	->	V895 Cen
HV 8002	->	WW Cet
HV 8016	->	WX Hyi
HV 8028	->	VW Hyi
HV 8171	->	CU Vel
HV 8364	->	V442 Cen
HV 10031	->	BD Pav
HV 10120	->	V436 Cen
HV 10215	->	EX Hya
HV 10231	->	V485 Cen
HV 10426	->	UZ Boo
HV 10444	->	NY Ser
HZ 9	=	EGGR 38 = G 7-255 = GSC 1270.0507 = NSV 1641
	=	USNO-A2.0 1050-01300834
	=	0429+1738 (2E, KUV, WD) = J0432+1745 (RX)
HZ 22	->	UX CVn
HZ 29	->	AM CVn
J 05.23	->	TU Crt
JL 181	->	CM Phe
K 1-2	=	PK 253 +10.1 = PN G253.5+10.7, planetary nebula, central star -> VW Pyx
KUV 345-30	->	0839+3955
KUV 345-57	->	BP Lyn
KUV 494-4	->	1300+2756
L 10	->	L870-2
Lanning 10	->	V363 Aur
Lanning 50	->	WZ Sge
Lanning 90	->	V1776 Cyg
Lanning 149	->	V664 Cas
Lanning 281	->	AF Cam
Lanning 497	->	FT Cam
LB 27	->	1300+2756
LB 210	->	J0155+0028
LB 1800	->	V347 Pup
LB 2197	->	Feige 55
LB 3459	->	AA Dor
LB 10038	->	1110+2924
LB 10117	->	1116+3008
LB 10702	->	DO Leo
LD 317	=	USNO-A2.0 1275-18605236
	=	J2347+4331 (RXS, 1RXS)
LFT 142	->	L870-2
LFT 349	->	RR Cae
LFT 1521	->	V1513 Cyg
LHG 83	->	CAL 83
LHG 86	->	CAL 86
LHG 87	->	CAL 87
LHS 482	->	V1513 Cyg
LHS 1270	->	L870-2
LHS 1660	->	RR Cae
LHS 6250	->	1317+4520
Lk HA 170	->	V751 Cyg
LMC X-2	=	CAL 30
	=	0521-7200 (2A, 3A, CGS, 1ES, 2E, H, 1H, 1M, 3U, 4U) = J0520-7157 (1RXS)
LP 013-249	->	0136+7653
LP 034-185	->	HR Cam
LP 106-17	->	2009+6216
LP 550-52	->	1022+0501
LS 55 -8	->	V592 Cas
LS I 55 -8	->	V592 Cas
LSE 161	->	1735+2210
LSS 2018	->	KV Vel
LTT 888	->	L 870-2
LTT 1951	->	RR Cae

LTT 3943	-> 1042-6902
LTT 15456	-> 1824+0402
LTT 15889	-> V1513 Cyg
LTT 18284	-> GP Com
LWD 799	-> J0155+0028
L101-26	-> 0957-6639
L101-80	-> 1042-6902
L870-2	= EGGR 11 = G 271-115 = GJ 64 = GSC 4687.1473
	= L 10 = LFT 142 = LHS 1270 = LTT 888 = PHL 7450
	= 0135-0514 (WD)
M 1-10	-> NGC 2346, central star -> V651 Mon
M 1-67	= PK 50 +3.1 = PN G050.1+03.3 = S 80,
	planetary nebula, central star -> QR Sge
M 4	= NGC 6121, globular cluster,
	binary in -> NGC 6121-V46
M 5	= NGC 5904, globular cluster, -> M 5-V101
M 5-V101	= NGC 5904-V101 = binary in the globular cluster
	M 5
M 15	= NGC 7078, globular cluster, -> AC 211
M 15-X1	-> AC 211
M 31	= NGC 224
M 31PSS	-> J0043+4117
M51	= NGC 5194, galaxy
M51 X-7	= NGC 5194 X-7
M 67	= NGC 2682, open cluster, variable star -> EU Cnc
M 67-168	-> EU Cnc
M 67 X16	-> EU Cnc
Mac R +43 1	-> MV Lyr
MK 377	-> HR Cam
Mon X-1	-> V616 Mon
NGC 104	= 47 Tuc = globular cluster, variables -> AKO 9,
	-> NGC 104-CV1, -> NGC 104-CV3, -> NGC 104-X5,
	-> NGC 104-X7
NGC 104-CV1	= NGC 104-X9 = [HJV94]9 = Tuc 1= V1 (47 Tuc)
	= X9 (47 Tuc) = 0021-7221(1ES) = J0024-7204 (RX)
NGC 104-CV3	= NGC 104-X10 = [HJV94]10 = V3 (47 Tuc)
	= X10 (47 Tuc)
NGC 104-X5	= [HJV94]5 = X5 (47 Tuc)
NGC 104-X7	= [HJV94]7 = X7 (47 Tuc)
NGC 104-X10	-> NGC 104-CV3
NGC 104-X9	-> NGC 104-CV1
NGC 224	= M 31
NGC 2346	= M 1-10 = PK 215 +3.1 = PN G215.6+03.6,
	planetary nebula, central star -> V651 Mon
NGC 2682	= M 67, open cluster
NGC 5194	= M51, galaxy
NGX 5194 X-7	-> M51 X-7
NGC 5904	= M 5, globular cluster, binary in -> M 5-V101
NGC 5904-V101	-> M5-V101
NGC 6121	= M 4, globular cluster, binary in -> NGC 6121-V46
NGC 6121-V46	= V46 (M 4) = binary in the globular cluster M 4
NGC 6397	= globular cluster
NGC 6397-CV1	= NGC 6397-U23 = NGC 6397-V12, CV #1 in the
	globular cluster NGC 6397
NGC 6397-CV6	= NGC 6397-U10 = NGC 6397-V13, CV #6 in the
	globular cluster NGC 6397
NGC 6397-U10	-> NGC 6397-CV6
NGC 6397-U23	-> NGC 6397-CV1
NGC 6397-V12	-> NGC 6397-CV1
NGC 6397-V13	-> NGC 6397-CV6
NGC 6624	= globular cluster, -> 1820-3023
NGC 6641	= globular cluster, -> 1746-3702
NGC 6652	= globular cluster, -> 1832-3301
NGC 6712	= globular cluster, -> 1850-0846
NGC 6752	= globular cluster, -> J1910-5958#1, J1910-5958#2
NGC 6752-CV1	= J1910-5958#1 = CV candidate #1 in the globular
	cluster NGC 6752
NGC 6752-CV2	= J1910-5958#2 = CV candidate #2 in the globular
	cluster NGC 6752
NGC 7078	= M 15, globular cluster, -> AC 211

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NGC 7078-X1           -> AC 211
NGC 7789              =  open cluster, binary in NGC 7789 -> V731 Cas
NGC 7789-V9           -> V731 Cas
Nor X-1               -> V801 Ara
Nor XR-2              -> LU TrA
Nova Aqr (1907, 1929, 1934, 1941, 1942, 1958, 1962, 1973, 1983)
                      -> VY Aqr
Nova Aql (1917, 1941, 2000)  -> CI Aql
Nova Aql 1918         -> V603 Aql
Nova Aql 1925         -> DO Aql
Nova Aql 1936         -> V368 Aql
Nova Aql 1943         -> V500 Aql
Nova Aql 1992         -> V1487 Aql
Nova Aql 1995         -> V1425 Aql
Nova Aql 1999#1       -> V1493 Aql
Nova Aql 1999#2       -> V1494 Aql
Nova Ara 1910         -> OY Ara
Nova Aur 1891         -> T  Aur
Nova Aur 1960         -> KR Aur
Nova Aur 1964         -> QZ Aur
Nova CMa 1934         -> CG CMa
Nova Car 1895         -> RS Car
Nova Cas 1950         -> V630 Cas
Nova Cas 1993         -> V705 Cas
Nova Cas 1995         -> V723 Cas
Nova Cen 1929         -> V359 Cen
Nova Cen 1969         -> V822 Cen
Nova Cet 1963         -> WX Cet
Nova Cha 1953         -> RR Cha
Nova Cir 1987         -> BW Cir
Nova Cir 1995         -> BY Cir
Nova Cir 1999         -> DD Cir
Nova Com 1961         -> AL Com
Nova CrA (1949, 1987) -> V394 CrA
Nova Crv 1931         -> TV Crv
Nova Cru 1935         -> AP Cru
Nova Cru 1936         -> AP Cru
Nova Cru 1996         -> CP Cru
Nova Cyg (1938, 1956, 1989) -> V404 Cyg
Nova Cyg 1975         -> V1500 Cyg
Nova Cyg 1978         -> V1668 Cyg
Nova Cyg 1992         -> V1974 Cyg
Nova Cyg 2001#1       -> V2274 Cyg
Nova Del 1967         -> HR Del
Nova Gem 1903#1       -> DM Gem
Nova Gem 1912         -> DN Gem
Nova Gem 1933         -> AW Gem
Nova Her 1934         -> DQ Her
Nova Her 1960         -> V446 Her
Nova Her 1963         -> V533 Her
Nova Her (1968, 1986, 1998) -> V592 Her
Nova Her 1991         -> V838 Her
Nova Lac 1910         -> DI Lac
Nova Leo 1855         -> U  Leo
Nova Leo 1918         -> RZ Leo
Nova Lib 1983         -> GW Lib
Nova Lyr 1928         -> DM Lyr
Nova Mon (1917, 1975) -> V616 Mon
Nova Mon 1939         -> BT Mon
Nova Mus 1983         -> GQ Mus
Nova Mus 1991         -> GU Mus
Nova Mus 1998         -> LZ Mus
Nova Oph 1848         -> V841 Oph
Nova Oph 1919         -> V849 Oph
Nova Oph 1977         -> V2107 Oph
Nova Oph 1988         -> V2214 Oph
Nova Oph 1993         -> V2293 Oph
Nova Pav 1934         -> BD Pav
Nova Per 1887         -> V  Per
Nova Per 1901         -> GK Per
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Nova Per (1992, 1993) -> V518 Per
Nova Pic 1925         -> RR Pic
Nova Pup 1902         -> DY Pup
Nova Pup 1942         -> CP Pup
Nova Pup 1963#1       -> HZ Pup
Nova Pup 1991         -> V351 Pup
Nova Pyx (1890, 1902, 1920, 1944, 1966, 1967) -> T  Pyx
Nova Sge 1783         -> WY Sge
Nova Sge (1913, 1946, 1978, 2001) -> WZ Sge
Nova Sgr 1919         -> V1017 Sgr
Nova Sgr 1936#4       -> V630 Sgr
Nova Sgr 1941         -> V909 Sgr
Nova Sgr 1982         -> V4077 Sgr
Nova Sgr 1998         -> V4633 Sgr
Nova Sco (1863, 1906, 1936, 1945, 1979, 1987, 1999) -> U  Sco
Nova Sco 1941         -> V697 Sco
Nova Sco 1992         -> V992 Sco
Nova Sco 1994         -> V1033 Sco
Nova Ser 1903         -> X  Ser
Nova Ser 1948         -> CT Ser
Nova Tri 1983         -> UW Tri
Nova UMi 1956         -> RW UMi
Nova Vel 1993         -> MM Vel
Nova Vel 1999         -> V382 Vel
Nova Vir 1929         -> HV Vir
Nova Vul 1984#1       -> PW Vul
Nova Vul 1984#2       -> QU Vul
Nova Vul 1988         -> QZ Vul
NSV 564               -> AY Psc
NSV 1641              -> HZ 9
NSV 2011              -> V1159 Ori
NSV 4326              -> VW Pyx
NSV 4407              -> DI UMa
NSV 6201              -> HV Vir
NSV 6680              -> V895 Cen
NSV 6990              -> NY Ser
NSV 8383              -> V877 Ara
NSV 8841              -> MT Ser
NSV 10973             -> V477 Lyr
NSV 11797             -> QR Sge
NSV 12320             -> UU Sge
NSV 12615             -> V4140 Sgr
NSV 13903             -> LS Peg
NSV 14328             -> TY PsA
NSV 24453             -> V4634 Sgr
NSV 26006             -> V369 Peg
Oph X-1               -> V2216 Oph
OV 29                 -> V630 Cas
PB 385                -> 1032+4036
PB 2322               -> 1110+2924
PB 2515               -> 1116+3008
PB 3137               -> GO Com
PB 3251               -> 1300+2756
PB 3963               -> 1329+1556
PB 4117               -> 1349+1424
PB 5229               -> J2303+0106
PB 6252               -> Feige 11
PB 6502               -> J0155+0028
PB 6656               -> BO Cet
PB 7078               -> UU Aqr
PB 7131               -> FO Aqr
PHL 227               -> HL Aqr
PHL 538               -> VY Scl
PHL 718               -> WW Cet
PHL 1065              -> AY Psc
PHL 1242              -> J0155+0028
PHL 1376              -> Feige 24
PHL 1475              -> CP Eri
PHL 4452              -> VY For
PHL 7450              -> L 870-2
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PK 5 -8.1            -> Hf 2-2, central star
PK 9 +10.1           -> Abell 41, central star -> MT Ser
PK 17 -21.1          -> Abell 65, central star
PK 50 +3.1           -> M 1-67, central star -> QR Sge
PK 53 -3.1           -> Abell 63, central star -> UU Sge
PK 55 +16.1          -> Abell 46, central star -> V477 Lyr
PK 136 +5(1)         -> HFG 1, central star -> V664 Cas
PK 144 +24 1         -> PN G143.6+23.8, central star -> BZ Cam
PK 211 +22.1         -> EGB 5, central star -> 0808+1106
PK 212 +23.1         -> EGB 5, central star -> 0808+1106
PK 215 +3.1          -> NGC 2346, central star -> V651 Mon
PK 253 +10.1         -> K 1-2, central star -> VW Pyx
PK 283 +9.1          =  DS 1 = ESO 215-04 = PN G283.9+09.7,
                        planetary nebula, central star -> KV Vel
PK 311 +2.2          -> SuWt 2, central star
PK 329 +2.1          -> Sp 1, central star
PN G005-08.9         -> Hf 2-2, central star
PN G009.6+10.5       -> Abell 41, central star -> MT Ser
PN G017.3-21.9       -> Abell 65, central star
PN G050.1+03.3       -> M 1-67, central star -> QR Sge
PN G053.8-03.0       -> Abell 63, cental star -> UU Sge
PN G055.4+16.0       -> Abell 46, cental star -> V477 Lyr
PN G136.3+05.5       -> HFG 1, central star -> V664 Cas
PN G143.6+23.8       =  EGB 4 = PK 144 +24 1, planetary nebula?
                        central star -> BZ Cam
PN G215.6+03.6       -> NGC 2346, central star -> V651 Mon
PN G211.9+22.6       -> EGB 5,  central star -> 0808+1106
PN G253.5+10.7       -> K 1-2, central star -> VW Pyx
PN G283.9+09.7       -> PK 283 +9.1, central star -> KV Vel
PN G311.0+02.4       -> SuWt 2, central star
PN G329.0+01.9       -> Sp 1, central star
PN G335.2-03.6       -> HtTr 4, central star
PS 74                -> TY PsA
PS 141               -> VY Scl
RBS 22               -> WW Cet
RBS 43               -> QR And
RBS 206              -> EQ Cet
RBS 213              -> CV Hyi
RBS 232              -> BL Hyi
RBS 274              -> AI Tri
RBS 280              -> TT Ari
RBS 288              -> WX Hyi
RBS 324              -> J0230-6842
RBS 398              -> EF Eri
RBS 512              -> VW Hyi
RBS 541              -> J0425-1945
RBS 599              -> RS Cae
RBS 655              -> TV Col
RBS 658              -> UW Pic
RBS 664              -> TW Pic
RBS 694              -> SU UMa
RBS 696              -> J0820+4934
RBS 710              -> SW UMa
RBS 713              -> EI UMa
RBS 728              -> BZ UMa
RBS 734              -> J0859+0536
RBS 842              -> GG Leo
RBS 904              -> FH UMa
RBS 911              -> EK UMa
RBS 938              -> AN UMa
RBS 1008             -> T  Leo
RBS 1022             -> DO Dra
RBS 1039             -> EU UMa
RBS 1173             -> EX Hya
RBS 1213             -> GP Com
RBS 1219             -> EV UMa
RBS 1563             -> J1610+0352
RBS 1646             -> V1007 Her
RBS 1664             -> V393 Pav
RBS 1678             -> V4738 Sgr
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RBS 1724              -> HU Aqr
RBS 1735              -> CD Ind
RBS 1900              -> TY PsA
RBS 1914              -> AO Psc
RBS 1969              -> J2315-3048
RBS 1973              -> J2316-0527
RCW 103               =  G332.4-0.4, supernova remnant, X-ray point
                         source within it: -> 1613-5055
S 14        (S = Stephenson) -> TT Ari
S 80        (S = Sharpless)  -> M 1-67, central star -> QR Sge
S 193       (S = Stephenson) -> LS Peg
S 196       (S = Stephenson) -> UU Aqr
S 3330 Cas  (S = Sonneberg)  -> GX Cas
S 3343 Cas  (S = Sonneberg)  -> HT Cas
S 3808 Lyr  (S = Sonneberg)  -> LL Lyr
S 3847 Cyg  (S = Sonneberg)  -> V550 Cyg
S 3946 Aur  (S = Sonneberg)  -> FS Aur
S 4133 Her  (S = Sonneberg)  -> V478 Her
S 4505 Del  (S = Sonneberg)  -> EZ Del
S 4524 Cyg  (S = Sonneberg)  -> V503 Cyg
S 4556 Cyg  (S = Sonneberg)  -> V630 Cyg
S 4893 Cha  (S = Sonneberg)  -> Z  Cha
S 4907 Vel  (S = Sonneberg)  -> CU Vel
S 5005 TrA  (S = Sonneberg)  -> EK TrA
S 5150 Gru  (S = Sonneberg)  -> RZ Gru
S 5305 UMa  (S = Sonneberg)  -> DI UMa
S 5342 Aql  (S = Sonneberg)  -> V500 Aql
S 5346 Cha  (S = Sonneberg)  -> RR Cha
S 5420 Aur  (S = Sonneberg)  -> KR Aur
S 5423 Gem  (S = Sonneberg)  -> IR Gem
S 6302 Car  (S = Sonneberg)  -> OY Car
S 6311 Cha  (S = Sonneberg)  -> RX Cha
S 6633 Oct  (S = Sonneberg)  -> BE Oct
S 6732 Men  (S = Sonneberg)  -> TU Men
S 6888 Tel  (S = Sonneberg)  -> KK Tel
S 7040 Pav  (S = Sonneberg)  -> GS Pav
S 7103 Oct  (S = Sonneberg)  -> AO Oct
S 7273 Sgr  (S = Sonneberg)  -> V4140 Sgr
S 7738 UMa  (S = Sonneberg)  -> AN UMa
S 7744 UMa  (S = Sonneberg)  -> AR UMa
S 7854 Cyg  (S = Sonneberg)  -> V1028 Cyg
S 7989 Her  (S = Sonneberg)  -> V544 Her
S 8314 Sge  (S = Sonneberg)  -> UU Sge
S 8438 Pup  (S = Sonneberg)  -> HZ Pup
S 8480 Aur  (S = Sonneberg)  -> HV Aur
S 9160 Per  (S = Sonneberg)  -> PY Per
S 9178 Per  (S = Sonneberg)  -> QY Per
S 9329 Lyr  (S = Sonneberg)  -> V344 Lyr
S 9370 Dra  (S = Sonneberg)  -> CG Dra
S 9382 Cyg  (S = Sonneberg)  -> V1113 Cyg
S 9508 And  (S = Sonneberg)  -> FO And
S 9712 Cas  (S = Sonneberg)  -> V425 Cas
S 9727 Per  (S = Sonneberg)  -> PU Per
S 9728 Per  (S = Sonneberg)  -> PV Per
S 10066 Del (S = Sonneberg)  -> HO Del
S 10296 Her (S = Sonneberg)  -> V589 Her
S 10376 Her (S = Sonneberg)  -> V592 Her
S 10777 And (S = Sonneberg)  -> HV And
S 10900 Psc (S = Sonneberg)  -> TY Psc
S 10919 Tri (S = Sonneberg)  -> WY Tri
S 10932 Com (S = Sonneberg)  -> IR Com
S 10943 Vul (S = Sonneberg)  -> V405 Vul
S 10946 Her (S = Sonneberg)  -> V1007 Her
Sanduleak-Pesch binary BC -> 1704+4807BC
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SAO 015816	->	4 Dra
SAO 107138	->	IK Peg
SAO 145804	->	FF Aqr
SAO 187070	->	HD 171858
SAO 218207	->	HD 49798
SAO 219684	->	IX Vel
ScWe 2	->	SuWt 2, central star
Sgr X-1	->	V691 CrA
Sgr X-2	->	1813-1403
Sgr X-4	->	1820-3023
Sgr XR-2	->	1813-1403
Sco X-1	->	V818 Sco
Sco X-2	->	V1101 Sco
Sco X-6	->	V4134 Sgr
Sco XR-2	->	V1101 Sco
Sco XR-3	->	V926 Sco
Sco XR-6	->	V691 CrA
Ser X-1	->	MM Ser
Ser X-2	->	1813-1403
Ser XR-1	->	MM Ser
Ser XR-2	->	1813-1403
SMC 13	->	0035-7230
SN 1998di	->	KL Dra
Sp 1	=	central star of the planetary nebula Sp 1
	=	PK 329 +2.1 = PN G329.0+01.9, planetary nebula
Stepanian's object	->	LX Ser
StHA 196	->	UU Aqr
SuWt 2	=	central star of the planetary nebula SuWt 2
	=	GSC 8676.1161 = PK 311 +2.2 = PN G311.0+02.4
	=	USNO-A2.0 0300-19841587
	=	ScWe 2, planetary nebula
SVS 32	->	AH Her
SVS 83	->	V426 Oph
SVS 337	->	V442 Oph
SVS 365	->	UX UMa
SVS 382	->	GO Com
SVS 504	->	DO Dra
SVS 710	->	V1504 Cyg
SVS 992	->	AQ CMi
SVS 1021	->	MV Lyr
SVS 1202	->	V751 Cyg
SVS 1244	->	Z Cha
SVS 1359	->	RW UMi
SVS 1424	->	BE UMa
SVS 1584	->	V419 Lyr
SVS 1719	->	BZ UMa
SVS 1755	->	CI UMa
SVS 1772	->	V893 Sco
SVS 1851	->	CH UMa
SVS 1972	->	V701 Tau
SVS 2120	->	V660 Her
SVS 2143	->	V895 Cen
SVS 2198	->	CY UMa
SVS 2288	->	TW Tri
SVS 2354	->	LX Ser
SVS 2426	->	DM Dra
SVS 2543	->	RZ LMi
SVS 2549	->	IP Peg
SVS 2558	->	UW Tri
SVS 2613	->	V795 Her
SVS 2817	->	EG UMa
SVS 2865	->	BH Lyn
SVS 8130	->	V1315 Aql
Terzan 6	=	globular cluster, LMXB in -> 1747-3115
Tmz V34	->	GZ Cnc
Tmz V46	->	QW Ser
Tmz V81	->	DN Lyn
Tmz V85	->	IY UMa
Ton 45	->	SX LMi
Ton 62	->	1110+2924

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Ton 63                   -> 1116+3008
Ton 245                  =  GSC 2036.0480 = USNO-A2.0 1125-07343980
                         =  1538+2658 (PG, WD)
Ton 323                  -> AT Cnc
Ton 358                  -> 0849+3155
Ton 408                  -> AR Cnc
Ton 617                  -> LM Com
Ton 788                  -> 1512+2421
Ton 1051                 -> BK Lyn
Ton 1107                 -> RZ LMi
Ton 1143                 -> RU LMi
Ton 1323                 -> 1101+3626
Ton S 120                -> VZ Scl
Tweedy 1                 -> planetary nebula, central star -> BE UMa
USNO-A1.0 0225-27372547 -> V877 Ara
USNO-A1.0 0300-01336459 -> J0425-5714
USNO-A1.0 0300-14373745 -> J1155-5641
USNO-A1.0 0600-11409621 -> V893 Sco
USNO-A1.0 0600-16547317 -> V4641 Sgr
USNO-A1.0 0750-02887019 -> J0649-0737
USNO-A1.0 0825-05603282 -> J0749-0549
USNO-A1.0 0975-07935332 -> QW Ser
USNO-A1.0 1200-13720959 -> J1951+3716
USNO A1.0 1275 04895678 -> J0524+4244
USNO-A1.0 1425-07642945 -> IY UMa
USNO-A1.0 1425-09823278 -> V2176 Cyg
USNO-A1.0 1500-03128973 -> FT Cam
USNO-A2.0 0075-00002145 -> BE Oct
USNO-A2.0 0075-00768759 -> TU Men
USNO-A2.0 0075-00868761 -> 0511-7955
USNO-A2.0 0075-01129250 -> AH Men
USNO-A2.0 0075-01547167 -> Z  Cha
USNO-A2.0 0075-03661656 -> RR Cha
USNO-A2.0 0150-01107573 -> BL Hyi
USNO-A2.0 0150-01666314 -> VW Hyi
USNO-A2.0 0150-03205799 -> AA Dor
USNO-A2.0 0150-03591089 -> CAL 83
USNO-A2.0 0150-03669168 -> CAL 86
USNO-A2.0 0150-07535042 -> 1042-6902
USNO-A2.0 0150-18634705 -> V347 Pav
USNO-A2.0 0150-19347215 -> GS Pav
USNO-A2.0 0150-19600672 -> IK Peg
USNO-A2.0 0225-00401739 -> CV Hyi
USNO-A2.0 0225-00546838 -> WX Hyi
USNO-A2.0 0225-07178443 -> 0957-6639
USNO-A2.0 0225-25605343 -> KZ TrA
USNO-A2.0 0225-27289639 -> V877 Ara
USNO-A2.0 0225-30567412 -> V349 Pav
USNO-A2.0 0300-00577469 -> J0154-5947
USNO-A2.0 0300-01327865 -> J0425-5714
USNO-A2.0 0300-01739734 -> 0528-5857
USNO-A2.0 0300-01781330 -> TW Pic
USNO-A2.0 0300-01962105 -> 0556-5935
USNO-A2.0 0300-14294090 -> J1155-5641
USNO-A2.0 0300-18668886 -> BV Cen
USNO-A2.0 0300-19841587 -> SuWt 2
USNO-A2.0 0300-29212621 -> V801 Ara
USNO-A2.0 0300-34777933 -> BD Pav
USNO-A2.0 0300-35915166 -> V345 Pav
USNO-A2.0 0300-36236577 -> V393 Pav
USNO-A2.0 0300-37114801 -> CD Ind
USNO-A2.0 0300-37918369 -> CP Tuc
USNO-A2.0 0375-00108185 -> CM Phe
USNO-A2.0 0375-00830621 -> WW Hor
USNO-A2.0 0375-01996415 -> UW Pic
USNO-A2.0 0375-02359182 -> V347 Pup
USNO-A2.0 0375-04666219 -> V516 Pup
USNO-A2.0 0375-05171094 -> IX Vel
USNO-A2.0 0375-07871027 -> MR Vel
USNO-A2.0 0375-10655321 -> KO Vel
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USNO-A2.0 0375-12052050 -> V382 Vel
USNO-A2.0 0375-12472040 -> KV Vel
USNO-A2.0 0375-20155822 -> V834 Cen
USNO-A2.0 0375-29869782 -> V821 Ara
USNO-A2.0 0375-37973205 -> QS Tel
USNO-A2.0 0375-38820307 -> KK Tel
USNO-A2.0 0375-39562767 -> CF Gru
USNO-A2.0 0450-01739927 -> RS Cae
USNO-A2.0 0450-02173249 -> TX Col
USNO-A2.0 0450-02997824 -> HD 49798
USNO-A2.0 0450-07914422 -> CU Vel
USNO-A2.0 0450-11074610 -> V381 Vel
USNO-A2.0 0450-12643097 -> V436 Cen
USNO-A2.0 0450-13664158 -> V359 Cen
USNO-A2.0 0450-13975394 -> MU Cen
USNO-A2.0 0450-14522935 -> V1025 Cen
USNO-A2.0 0450-15609843 -> V803 Cen
USNO-A2.0 0450-17691173 -> V895 Cen
USNO-A2.0 0450-25921220 -> V1033 Sco
USNO-A2.0 0450-26500263 -> V992 Sco
USNO-A2.0 0450-28259213 -> MM Sco
USNO-A2.0 0450-29236960 -> V926 Sco
USNO-A2.0 0450-38150035 -> V3885 Sgr
USNO-A2.0 0450-38401030 -> V4140 Sgr
USNO-A2.0 0450-38841007 -> V4738 Sgr
USNO-A2.0 0450-39773299 -> CI Gru
USNO-A2.0 0450-39816849 -> CE Gru
USNO-A2.0 0450-40367653 -> RZ Gru
USNO-A2.0 0450-40779854 -> BW Scl
USNO-A2.0 0525-02004826 -> UU Col
USNO-A2.0 0525-04340304 -> V348 Pup
USNO-A2.0 0525-04760587 -> IN CMa
USNO-A2.0 0525-07738187 -> CP Pup
USNO-A2.0 0525-10863198 -> T Pyx
USNO-A2.0 0525-14089223 -> V442 Cen
USNO-A2.0 0525-15614736 -> V485 Cen
USNO-A2.0 0525-15910952 -> J1313-3259
USNO-A2.0 0525-18421481 -> V822 Cen
USNO-A2.0 0525-32591726 -> V630 Sgr
USNO-A2.0 0525-38938531 -> V1223 Sgr
USNO-A2.0 0525-44171827 -> J2315-3048
USNO-A2.0 0600-00568386 -> EQ Cet
USNO-A2.0 0600-01396842 -> VY For
USNO-A2.0 0600-01417721 -> UZ For
USNO-A2.0 0600-03809645 -> PU CMa
USNO-A2.0 0600-05222807 -> WY CMa
USNO-A2.0 0600-07740843 -> BV Pup
USNO-A2.0 0600-08118692 -> BX Pup
USNO-A2.0 0600-08797320 -> HZ Pup
USNO-A2.0 0600-09533862 -> DY Pup
USNO-A2.0 0600-10679543 -> WX Pyx
USNO-A2.0 0600-11712070 -> VZ Pyx
USNO-A2.0 0600-12417734 -> MN Hya
USNO-A2.0 0600-15217174 -> EX Hya
USNO-A2.0 0600-15494580 -> CE 315
USNO-A2.0 0600-15794581 -> LY Hya
USNO-A2.0 0600-17903832 -> GW Lib
USNO-A2.0 0600-20045640 -> V893 Sco
USNO-A2.0 0600-24362115 -> V2051 Oph
USNO-A2.0 0600-25058849 -> V2400 Oph
USNO-A2.0 0600-35893288 -> HD 171858
USNO-A2.0 0600-39884926 -> V729 Sgr
USNO-A2.0 0600-44298517 -> TY PsA
USNO-A2.0 0600-44587161 -> VY Scl
USNO-A2.0 0600-44740845 -> VZ Scl
USNO-A2.0 0675-00464088 -> WX Cet
USNO-A2.0 0675-01471080 -> XZ Eri
USNO-A2.0 0675-01565493 -> J0425-1945
USNO-A2.0 0675-01742167 -> J1002-1925
USNO-A2.0 0675-08656079 -> VV Pup

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USNO-A2.0 0675-10804884 -> J1002-2017
USNO-A2.0 0675-11325768 -> TU Crt
USNO-A2.0 0675-11833064 -> TW Crv
USNO-A2.0 0675-12002236 -> TV Crv
USNO-A2.0 0675-15585017 -> V818 Sco
USNO-A2.0 0675-19980286 -> V442 Oph
USNO-A2.0 0750-00044001 -> WW Cet
USNO-A2.0 0750-00472877 -> 0158-0939
USNO-A2.0 0750-00707021 -> CP Eri
USNO-A2.0 0750-00784615 -> BPM 71214
USNO-A2.0 0750-00977203 -> AH Eri
USNO-A2.0 0750-02876696 -> J0649-0737
USNO-A2.0 0750-05134534 -> UY Pup
USNO-A2.0 0750-07214566 -> RW Sex
USNO-A2.0 0750-07216335 -> 1017-0838
USNO-A2.0 0750-07372494 -> J1050-1404
USNO-A2.0 0750-07593808 -> TT Crt
USNO-A2.0 0750-07937334 -> HW Vir
USNO-A2.0 0750-08224965 -> HS Vir
USNO-A2.0 0750-08256343 -> 1347-1258
USNO-A2.0 0750-08417030 -> 1414-0848
USNO-A2.0 0750-09057165 -> HP Lib
USNO-A2.0 0750-10239160 -> V841 Oph
USNO-A2.0 0750-12784351 -> UZ Ser
USNO-A2.0 0750-18008187 -> DH Aql
USNO-A2.0 0750-18756420 -> V1432 Aql
USNO-A2.0 0750-19426244 -> UU Aql
USNO-A2.0 0750-20686374 -> VY Aqr
USNO-A2.0 0750-21132595 -> 2209-1444
USNO-A2.0 0750-21164531 -> FO Aqr
USNO-A2.0 0825-00489214 -> BO Cet
USNO-A2.0 0825-01311659 -> AQ Eri
USNO-A2.0 0825-01405960 -> V1193 Ori
USNO-A2.0 0825-01532060 -> V1159 Ori
USNO-A2.0 0825-01724700 -> CN Ori
USNO-A2.0 0825-02326455 -> V616 Mon
USNO-A2.0 0825-03048036 -> BT Mon
USNO-A2.0 0825-05582317 -> J0749-0549
USNO-A2.0 0825-06779124 -> MM Hya
USNO-A2.0 0825-07139947 -> SW Sex
USNO-A2.0 0825-07211912 -> UZ Sex
USNO-A2.0 0825-07268865 -> J1039-0506
USNO-A2.0 0825-07317749 -> 1047-0436
USNO-A2.0 0825-07463215 -> J1125-0016
USNO-A2.0 0825-07547424 -> TW Vir
USNO-A2.0 0825-07825616 -> 1241-0102
USNO-A2.0 0825-08062481 -> NY Vir
USNO-A2.0 0825-08311993 -> J1424-0227
USNO-A2.0 0825-08375469 -> OU Vir
USNO-A2.0 0825-09269229 -> X  Ser
USNO-A2.0 0825-13277160 -> CI Aql
USNO A2.0 0825-16104651 -> DO Aql
USNO A2.0 0825-18031378 -> V794 Aql
USNO-A2.0 0825-18575314 -> AE Aqr
USNO-A2.0 0825-19016595 -> HU Aqr
USNO-A2.0 0825-19514021 -> FF Aqr
USNO-A2.0 0825-19565561 -> UU Aqr
USNO-A2.0 0825-19811517 -> AO Psc
USNO-A2.0 0825-19899444 -> J2316-0527
USNO-A2.0 0900-00248368 -> Feige 11
USNO-A2.0 0900-00380276 -> AY Psc
USNO-A2.0 0900-00450495 -> J0155+0028
USNO-A2.0 0900-00603573 -> Feige 24
USNO-A2.0 0900-01480418 -> V1309 Ori
USNO-A2.0 0900-03178341 -> CW Mon
USNO-A2.0 0900-05053437 -> SV CMi
USNO-A2.0 0900-06180112 -> CT Hya
USNO-A2.0 0900-06236597 -> J0859+0536
USNO-A2.0 0900-06374678 -> 0918+0258
USNO-A2.0 0900-06464240 -> Leo 7
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USNO-A2.0 0900-06484685 -> 0940+0849
USNO-A2.0 0900-06492489 -> J0944+0358
USNO-A2.0 0900-06683926 -> 1022+0501
USNO-A2.0 0900-06968536 -> RZ Leo
USNO-A2.0 0900-06972265 -> T  Leo
USNO-A2.0 0900-07178323 -> 1230+0514
USNO-A2.0 0900-07368877 -> HV Vir
USNO-A2.0 0900-07624036 -> GK Vir
USNO-A2.0 0900-08458221 -> J1610+0352
USNO-A2.0 0900-08695888 -> 1627+0144
USNO-A2.0 0900-10672793 -> V380 Oph
USNO-A2.0 0900-11675451 -> V426 Oph
USNO-A2.0 0900-12865791 -> 1824+0402
USNO-A2.0 0900-14115992 -> V1333 Aql
USNO-A2.0 0900-14841477 -> V1494 Aql
USNO-A2.0 0900-19696718 -> IR Peg
USNO-A2.0 0900-20081292 -> HL Aqr
USNO-A2.0 0900-20306457 -> J2303+0106
USNO-A2.0 0900-20419850 -> J2329+0628
USNO-A2.0 0975-00363803 -> 0133+1124
USNO-A2.0 0975-00628622 -> WX Ari
USNO-A2.0 0975-00708136 -> CC Cet
USNO-A2.0 0975-02882242 -> V1055 Ori
USNO-A2.0 0975-05214393 -> BG CMi
USNO-A2.0 0975-05532070 -> PQ Gem
USNO-A2.0 0975-05760609 -> 0808+1106
USNO-A2.0 0975-06024346 -> AC Cnc
USNO-A2.0 0975-06090385 -> AK Cnc
USNO-A2.0 0975-06171266 -> 0907+1220
USNO-A2.0 0975-06195864 -> GZ Cnc
USNO-A2.0 0975-06235961 -> 0922+1333
USNO-A2.0 0975-06349536 -> X  Leo
USNO-A2.0 0975-06358045 -> J0953+1458
USNO-A2.0 0975 06450035 -> GG Leo
USNO-A2.0 0975-06484147 -> U  Leo
USNO-A2.0 0975-06981850 -> AL Com
USNO-A2.0 0975-07032940 -> 1244+1119
USNO-A2.0 0975-07297571 -> CR Boo
USNO-A2.0 0975 07311912 -> 1349+1424
USNO-A2.0 0975-07829422 -> QW Ser
USNO-A2.0 0975-07860695 -> 1528+1025
USNO-A2.0 0975-07968400 -> CT Ser
USNO-A2.0 0975-08026398 -> NN Ser
USNO-A2.0 0975-08426428 -> V849 Her
USNO-A2.0 0975-08451887 -> V544 Her
USNO-A2.0 0975-10194043 -> V2301 Oph
USNO-A2.0 0975-10853712 -> V849 Oph
USNO-A2.0 0975-13700591 -> V446 Her
USNO-A2.0 0975-14384125 -> V1315 Aql
USNO-A2.0 0975-14821734 -> V368 Aql
USNO-A2.0 0975-15369348 -> KX Aql
USNO-A2.0 0975-16891553 -> V500 Aql
USNO-A2.0 0975-19307268 -> HO Del
USNO-A2.0 0975-20472447 -> LQ Peg
USNO-A2.0 0975-20642251 -> LS Peg
USNO A2.0 0975-20698720 -> J2157+0855
USNO-A2.0 0975-21346343 -> HX Peg
USNO-A2.0 1050-00104732 -> QR And
USNO-A2.0 1050-00582755 -> TT Ari
USNO-A2.0 1050-01044265 -> V471 Tau
USNO-A2.0 1050-01300834 -> HZ 9
USNO-A2.0 1050-01326748 -> J0230-6842
USNO-A2.0 1050-01567769 -> V1208 Tau
USNO-A2.0 1050-03255349 -> CZ Ori
USNO A2.0 1050-04003026 -> UV Gem
USNO-A2.0 1050-05472187 -> U  Gem
USNO-A2.0 1050-05793655 -> CC Cnc
USNO-A2.0 1050-05892281 -> 0850+1700
USNO-A2.0 1050-05931674 -> SY Cnc
USNO-A2.0 1050-05975509 -> GY Cnc
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USNO-A2.0 1050-06091591 -> 0934+1838
USNO-A2.0 1050-06335317 -> DO Leo
USNO-A2.0 1050-06466209 -> 1114+1842
USNO-A2.0 1050-06466903 -> DP Leo
USNO-A2.0 1050-06469200 -> 1115+1637
USNO-A2.0 1050-06723015 -> OY Car
USNO-A2.0 1050-06758983 -> IR Com
USNO-A2.0 1050-06794641 -> 1248+1626
USNO-A2.0 1050-06948324 -> 1329+1556
USNO-A2.0 1050-07227750 -> 1432+1553
USNO-A2.0 1050-07272591 -> UZ Boo
USNO-A2.0 1050-07571337 -> LX Ser
USNO-A2.0 1050-07670226 -> MR Ser
USNO-A2.0 1050-07701593 -> QZ Ser
USNO-A2.0 1050-07904643 -> V589 Her
USNO-A2.0 1050-08042508 -> QU Car
USNO-A2.0 1050-08920242 -> 1735+2210
USNO-A2.0 1050-09570103 -> V884 Her
USNO-A2.0 1050-14048324 -> WY Sge
USNO-A2.0 1050-15420156 -> V405 Vul
USNO-A2.0 1050-15879624 -> AW Sge
USNO-A2.0 1050-16212554 -> RZ Sge
USNO-A2.0 1050-16865498 -> V1101 Aql
USNO-A2.0 1050-17303878 -> V  Sge
USNO-A2.0 1050-17580956 -> CM Del
USNO-A2.0 1050-17606019 -> EZ Del
USNO-A2.0 1050-18116455 -> 2032+1849
USNO-A2.0 1050-20546781 -> V369 Peg
USNO-A2.0 1050-20652854 -> IP Peg
USNO-A2.0 1125-00026348 -> 0001+2731
USNO-A2.0 1125-00183860 -> PX And
USNO-A2.0 1125-00663858 -> AI Tri
USNO-A2.0 1125-00775803 -> RW Tri
USNO-A2.0 1125-02004889 -> V1062 Tau
USNO-A2.0 1125-02825338 -> FS Aur
USNO-A2.0 1125-03660171 -> KR Aur
USNO-A2.0 1125-04445570 -> DM Gem
USNO-A2.0 1125-04523726 -> IR Gem
USNO-A2.0 1125-05530395 -> YZ Cnc
USNO-A2.0 1125-05637562 -> AT Cnc
USNO-A2.0 1125-05713912 -> EG Cnc
USNO-A2.0 1125-06238753 -> Feige 36
USNO-A2.0 1125-06242754 -> ST LMi
USNO-A2.0 1125-06270222 -> 1110+2924
USNO-A2.0 1125-06289986 -> 1116+3008
USNO-A2.0 1125-06391488 -> EU UMa
USNO-A2.0 1125-06619416 -> GO Com
USNO-A2.0 1125-06641143 -> 1300+2756
USNO-A2.0 1125-07197005 -> NY Ser
USNO-A2.0 1125-07204387 -> 1512+2421
USNO-A2.0 1125-07343980 -> Ton 245
USNO-A2.0 1125-07424531 -> J1554+2721
USNO-A2.0 1125-07782854 -> AH Her
USNO-A2.0 1125-08186226 -> V478 Her
USNO-A2.0 1125-08281880 -> 1725+2510
USNO-A2.0 1125-08500001 -> V660 Her
USNO-A2.0 1125-09693008 -> V477 Lyr
USNO-A2.0 1125-10620888 -> CY Lyr
USNO-A2.0 1125-11641066 -> J1910+2856
USNO-A2.0 1125-12609819 -> PW Vul
USNO-A2.0 1125-13015770 -> V2214 Cyg
USNO-A2.0 1125-15066679 -> QQ Vul
USNO-A2.0 1125-17520116 -> VW Vul
USNO-A2.0 1125-19596388 -> MS Peg
USNO-A2.0 1125-19860308 -> 2331+2902
USNO-A2.0 1200-00093390 -> V402 And
USNO-A2.0 1200-00590498 -> TY Psc
USNO-A2.0 1200-00670068 -> TW Tri
USNO-A2.0 1200-01028279 -> WY Tri
USNO-A2.0 1200-01165067 -> PU Per
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USNO-A2.0 1200-03365678 -> QZ Aur
USNO-A2.0 1200-03445301 -> T  Aur
USNO-A2.0 1200-03480793 -> V363 Aur
USNO-A2.0 1200-05245892 -> DN Gem
USNO-A2.0 1200-06168803 -> 0849+3155
USNO-A2.0 1200-06283795 -> BK Lyn
USNO-A2.0 1200-06291534 -> AR Cnc
USNO-A2.0 1200-06403392 -> RZ LMi
USNO-A2.0 1200-06438260 -> RU LMi
USNO-A2.0 1200-06609002 -> SX LMi
USNO-A2.0 1200-06640119 -> 1101+3626
USNO-A2.0 1200-06868136 -> UX CVn
USNO-A2.0 1200-06896492 -> LM Com
USNO-A2.0 1200-07320026 -> 1428+3723
USNO-A2.0 1200-07718962 -> VW CrB
USNO-A2.0 1200-08008741 -> J1643+3402
USNO-A2.0 1200-08261501 -> V975 Her
USNO-A2.0 1200-08286690 -> 1713+3316
USNO-A2.0 1200-10197946 -> DM Lyr
USNO-A2.0 1200-12416691 -> EM Cyg
USNO-A2.0 1200-13532067 -> J1951+3716
USNO-A2.0 1200-13727566 -> EY Cyg
USNO-A2.0 1200-13996981 -> J1958+3232
USNO-A2.0 1200-20049056 -> 2345+3148
USNO-A2.0 1275-00411469 -> HV And
USNO-A2.0 1275-00640172 -> RX And
USNO-A2.0 1275-00747922 -> FO And
USNO-A2.0 1275-01038868 -> AR And
USNO-A2.0 1275-01687112 -> PV Per
USNO-A2.0 1275-01784070 -> PY Per
USNO-A2.0 1275-04856716 -> J0524+4244
USNO-A2.0 1275-07348725 -> 0839+3955
USNO-A2.0 1275-07432546 -> BP Lyn
USNO-A2.0 1275-07584869 -> DV UMa
USNO-A2.0 1275-07720606 -> WX LMi
USNO-A2.0 1275-07752359 -> 1032+4036
USNO-A2.0 1275-07883451 -> AR UMa
USNO-A2.0 1275-08109321 -> AM CVn
USNO-A2.0 1275-08560013 -> TT Boo
USNO-A2.0 1275-08931436 -> V844 Her
USNO-A2.0 1275-09285729 -> 1716+4237
USNO-A2.0 1275-09290751 -> V825 Her
USNO-A2.0 1275-09339023 -> 1007 Her
USNO-A2.0 1275-09861364 -> V533 Her
USNO-A2.0 1275-10154193 -> LL Lyr
USNO-A2.0 1275-10304294 -> AY Lyr
USNO-A2.0 1275-10792753 -> MV Lyr
USNO-A2.0 1275-11491256 -> V1504 Cyg
USNO-A2.0 1275-12319964 -> 1946+4340
USNO-A2.0 1275-13659483 -> J2013+4002
USNO-A2.0 1275-13933042 -> V503 Cyg
USNO-A2.0 1275-14065252 -> 2040+3954
USNO-A2.0 1275-14251828 -> V751 Cyg
USNO-A2.0 1275-15554373 -> V2069 Cyg
USNO-A2.0 1275-16332748 -> SS Cyg
USNO-A2.0 1275-16401789 -> V1341 Cyg
USNO-A2.0 1275-16760408 -> 2154+4048
USNO-A2.0 1275-18438772 -> DX And
USNO-A2.0 1275-18528980 -> J2337+4308
USNI-A2.0 1275-18605236 -> LD 317
USNO-A2.0 1350-01534661 -> KT Per
USNO-A2.0 1350-04797648 -> FY Per
USNO-A2.0 1350-06503630 -> SS Aur
USNO-A2.0 1350-07133477 -> DN Lyn
USNO-A2.0 1350-07329647 -> J0813+4528
USNO-A2.0 1350-07361464 -> J0820+4934
USNO-A2.0 1350-07369248 -> BH Lyn
USNO-A2.0 1350-07431333 -> EI UMa
USNO-A2.0 1350-07549201 -> DI UMa
USNO-A2.0 1350-07611360 -> 0928+5004
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USNO-A2.0 1350-07655993 -> ER UMa
USNO-A2.0 1350-07836452 -> 1045-5234
USNO-A2.0 1350-07862611 -> CY UMa
USNO-A2.0 1350-07885288 -> AN UMa
USNO-A2.0 1350-07924276 -> KV UMa
USNO-A2.0 1350-08018313 -> BC UMa
USNO-A2.0 1350-08033471 -> BE UMa
USNO-A2.0 1350-08279827 -> DE CVn
USNO-A2.0 1350-08303671 -> UX UMa
USNO-A2.0 1350-08854325 -> 1619+5213
USNO-A2.0 1350-09327233 -> 1743+4742
USNO-A2.0 1350-09507821 -> DQ Her
USNO-A2.0 1350-09581530 -> AM Her
USNO-A2.0 1350-10742181 -> 1933+5100
USNO-A2.0 1350-12218738 -> V1776 Cyg
USNO-A2.0 1350-18714761 -> V630 Cas
USNO-A2.0 1425-00489557 -> V592 Cas
USNO-A2.0 1425-00670606 -> 0025+5402
USNO-A2.0 1425-00678902 -> V709 Cas
USNO-A2.0 1425-01142168 -> GX Cas
USNO-A2.0 1425-01506599 -> V723 Cas
USNO-A2.0 1425-02812180 -> V  Per
USNO-A2.0 1425-03022930 -> UV Per
USNO-A2.0 1425-03116831 -> TZ Per
USNO-A2.0 1425-04380390 -> AF Cam
USNO-A2.0 1425-05194517 -> IQ Cam
USNO-A2.0 1425-06347368 -> V405 Aur
USNO-A2.0 1425-07186488 -> SW UMa
USNO-A2.0 1425-07238187 -> BZ UMa
USNO-A2.0 1425-07480336 -> KS UMa
USNO-A2.0 1425-07514986 -> DW UMa
USNO-A2.0 1425-07542823 -> IY UMa
USNO-A2.0 1425-07565259 -> EK UMa
USNO-A2.0 1425-07788231 -> EG UMa
USNO-A2.0 1425-07865356 -> 1247+5522
USNO-A2.0 1425-08326626 -> DM Dra
USNO-A2.0 1425-08394436 -> J1553+5516
USNO-A2.0 1425-09302151 -> J1846+5538
USNO-A2.0 1425-09486239 -> CG Dra
USNO-A2.0 1425-09649928 -> V1113 Cyg
USNO-A2.0 1425-09702479 -> V2176 Cyg
USNO-A2.0 1425-10203189 -> V1028 Cyg
USNO-A2.0 1425-10809519 -> V1974 Cyg
USNO-A2.0 1425-13714796 -> DI Lac
USNO-A2.0 1425-14528389 -> V425 Cas
USNO-A2.0 1425-15433785 -> V705 Cas
USNO-A2.0 1500-01194794 -> HT Cas
USNO-A2.0 1500-02918093 -> V664 Cas
USNO-A2.0 1500-03107120 -> FT Cam
USNO-A2.0 1500-04322936 -> BY Cam
USNO-A2.0 1500-04753745 -> J0704+6203
USNO-A2.0 1500-04780867 -> 0705+6700
USNO-A2.0 1500-04947758 -> HT Cam
USNO-A2.0 1500-04996346 -> SU UMa
USNO-A2.0 1500-05264777 -> 1000+6643
USNO-A2.0 1500-05456576 -> 1136+6646
USNO-A2.0 1500-05508146 -> Feige 55
USNO-A2.0 1500-05846206 -> KV Dra
USN)-A2.0 1500-05910265 -> 1519+6402
USNO-A2.0 1500-05921829 -> ES Dra
USNO-A2.0 1500-06287241 -> J1730+6247
USNO-A2.0 1500-06451198 -> IX Dra
USNO-A2.0 1500-07253288 -> 2009+6216
USNO-A2.0 1500-07381467 -> Var 73 Dra
USNO-A2.0 1500-09347870 -> GD 552
USNO-A2.0 1575-01132823 -> J0153+7446
USNO-A2.0 1575-01370275 -> AM Cas
USNO-A2.0 1575-01998590 -> 0416+7007
USNO-A2.0 1575 02453178 -> 0551+7214
USNO-A2.0 1575-02456466 -> J0558+6753
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USNO-A2.0 1575-02545679 -> J0625+7334
USNO-A2.0 1575-02559940 -> BZ Cam
USNO-A2.0 1575-02696117 -> HR Cam
USNO-A2.0 1575-02857529 -> Z  Cam
USNO-A2.0 1575-03044570 -> CH UMa
USNO-A2.0 1575-03061547 -> CI UMa
USNO-A2.0 1575-03191958 -> DO Dra
USNO-A2.0 1575-03583454 -> SS UMi
USNO-A2.0 1575-03902709 -> EX Dra
USNO-A2.0 1575-04110989 -> EP Dra
USNO-A2.0 1650-00354830 -> 0136+7653
USNO-A2.0 1650-01480213 -> 1043+7600
USNO-A2.0 1650-02196617 -> AB Dra
USNO-A2.0 1725-00218395 -> 0455+8315
US 31                   -> GO Com
US 177                  -> 1300+2756
US 943                  -> DV UMa
US 3019                 -> EU UMa
Var 64 Cam              -> FT Cam
Var 21 CrB              -> VW CrB
Var 73 Dra              =  USNO-A2.0 1500-07381467
Var 43 Her              -> V844 Her
V1 (47 Tuc)             -> NGC 104-CV1
V3 (47 Tuc)             -> NGC 104-CV3
V46 (M 4)               -> NGC 6121-V46
V62 And                 -> V402 And
V2008-6527              -> V349 Pav
V2009-65.5              -> V349 Pav
WR 109                  -> 617 Sgr
WR 124                  -> QR Sge
WT 2014                 -> CE 315
X5 (47 Tuc)             -> NGC 104-X5
X7 (47 Tuc)             -> NGC 104-X7
X9 (47 Tuc)             -> NGC 104-CV1
X10 (47 Tuc)            -> NGC 104-CV3
4 Dra                   =  AGK +69 515 = BD +70 700 = GSC 4394.1871
                        =  HD 108907 =  HIP 60998 = SAO 015816
                        =  1227+6928 (IRAS)
4 Dra bc               ->  CQ Dra bc
47 Tuc                 ->  NGC 104, globular cluster, variables -> AKO 9,
                           -> NGC 104-CV1, -> NGC 104-CV3, -> NGC 104-X5,
                           -> NGC 104-X7
209 BAC                 -> QR Sge
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Part IV: Names Involving the Equatorial Coordinates

(In order of increasing B1950 right ascension)

HHMMSDDMM (B1950)	HHMMSDDMM (J2000)	
0001+2731	0003+2748	= GSC 1735.1772 = USNO-A2.0 1125-00026348
		= 0001+2731 (PG)
0008-1145	0011-1128	-> WW Cet
0017+2140	0019+2156	-> QR And
0018-5159	0021-5142	-> CM Phe
0018+5525	0020+5542	-> V592 Cas
0021-7221	0024-7204	-> NGC 104-CV1
0025+5402	0028+5419	= USNO-A2.0 1425-00670606 = 0024+5402 (KPD)
0026+5900	0028+5917	-> V709 Cas
0027+2600	0030+2617	-> PX And
0035-7230	0037-7214	= SMC 13 = 0035-7230 (1E, 2E)
		= J0037-7214 (RX, 1RXS, WGA)
0039+4101	0042+4118	= J0042+4118 (XMM), in M31 = NGC 224
0040+4051	0043+4107	= J0043+4107 (CXO, XMMU, RX), LMXB in the globular cluster Bol 158
0040+4101	0043+4117	= M 31PSS (periodic supersoft source in M 31 = NGC 224) = J0043+4117 (XMMU)
0042+3244	0044+3300	= 0042+3244 (2A, 3A, 2S, 3U, 4U)
		= J0044+3301 (1RXS)
0101+0357	0104+0413	-> Feige 11
0101+4101	0104+4117	-> RX And
0107+5948	0110+6004	-> HT Cas
0126-2355	0128-2339	-> EQ Cet
0131-6609	0132-6554	-> CV Hyi
0133+1124	0136+1139	= GSC 0624.1165 = USNO-A2.0 0975-00363803
		= 0133+1124 (PG)
0134+0701	0136+0716	-> AY Psc
0134+5042	0137+5057	-> KT Per
0135-0514	0137-0559	-> L870-2
0136+7653	0141+7708	= EGGR 339 = GD 420 = GSC 4498.0468
		= LP 013-249 = USNO-A2.0 1650-00354830
		= 0136+7653 (WD)
0139-6808	0141-6753	-> BL Hyi
0148+7431	0153+7446	= USNO-A2.0 1575-01132823 = J0153+7446 (RX)
0152-6002	0154-5947	= USNO-A2.0 0300-00577469
		= J0154-5974 (RE, RX)
0153+0013	0155+0028	= LB 210 = LWD 799 = PB 6502 = PHL 1242
		= USNO-A2.0 0900-00450495
		= J0155+0028 (SDSS, 1RXS)
0158-0939	0200-0924	= Cet 3 = USNO-A2.0 0750-00472877
		= 0158-0939 (KUV)
0200+2944	0203+2959	-> AI Tri
0204-0217	0206-0203	-> BO Cet
0204+1503	0206+1517	-> TT Ari
0208-6332	0209-6318	-> WX Hyi
0230-6855	0230-6842	= RBS 324 = USNO-A2.0 1050-01326748
		= J0230-6842 (1RXS)
0232+0330	0235+0343	-> Feige 24
0234-5232	0236-5219	-> WW Hor
0244+1023	0244+1035	-> WX Ari
0253+1914	0256+1926	-> XY Ari
0308+0938	0310+0949	-> CC Cet
0312-2246	0314-2235	-> EF Eri
0317+6054	0321+6105	-> FT Cam
0327+4344	0331+4354	-> GK Per
0329-2607	0332-2556	-> VY For
0333-2554	0335-2544	-> UZ For
0347+1705	0350+1714	-> V471 Tau
0357+0614	0400+0622	-> Tau 2
0409-7125	0409-7117	-> VW Hyi
0416+7007	0421+7014	= EGGR 481 = GD 249 = USNO-A2.0 1575-01998590
		= 0416+7007 (WD)
0418+3247	0421+3254	-> V518 Per

0419-4846	0421-4839	-> RR Cae
0422-2014	0424-2007	= GSC 5896.0080 = 0422-2014 (EC)
		= J0424-2007 (1RXS)
0422+5421	0426+5428	-> IQ Cam
0423-1952	0425-1945	= RBS 541 = USNO-A2.0 0675-01565493
		= J0425-1945 (1RXS)
0424-5721	0425-5714	= USNO-A1.0 0300-01336459
		= USNO-A2.0 0300-01327865
		= J0425-5714 (EUVE, RX)
0429+1738	0432+1745	-> HZ 9
0439-6814	0439-6809	= J0439-6809 (RX, 1RXS)
0451-4218	0453-4213	-> RS Cae
0455+8315	0506+8319	= USNO-A2.0 1725-00218395 = 0455+8315 (HS)
0456+1921	0459+1926	-> V1208 Tau
0459-0403	0501-0359	-> HY Eri
0459+2141	0502+2445	-> V1062 Tau
0503-0412	0506-0408	-> AQ Eri
0510-3245	0512-3241	-> UU Col
0511-7955	0507-7951	= GSC 9373.0613 = USNO-A2.0 0075-00868761
		= 0511-7955 (EC)
0513+0101	0515+0104	-> V1309 Ori
0514-6955	0513-6951	= HV 5682 = J0513-6951 (RX, 1RXS)
0520+4242	0524+4244	= USNO A1.0 1275 04895678
		= USNO-A2.0 1275-04856716 = J0524+4244 (1RXS)
0521-7200	0520-7157	-> LMC X-2
0526-0336	0528-0333	-> V1159 Ori
0527-3251	0529-3249	-> TV Col
0528-6956	0527-6954	= HV 2554? = J0527-6954 (RX, 1RXS)
0528-5857	0529-5854	= GSC 8530.0528 = USNO-A2.0 0300-01739734
		= 0528-5857 (EC) = J0529-5854 (1RXS)
0530-4626	0531-4624	-> UW Pic
0530+3657	0533+3659	-> V363 Aur
0534-5803	0534-5801	-> TW Pic
0538-7035	0537-7034	= J0537-7034 (RX)
0538+6050	0542+6051	-> BY Cam
0541-4103	0543-4101	-> TX Col
0543-6823	0543-6822	-> CAL 83
0546-6835	0546-6836	-> CAL 86
0547-7109	0546-7108	-> CAL 87
0549-0525	0552-0525	-> CN Ori
0551+7214	0557+7241	= USNO-A2.0 1575 02453178 = 0551+7241 (HS)
0552+6753	0558+6753	= USNO-A2.0 1575-02456466 = J0558+6753 (RX)
0553+5353	0558+5353	-> V405 Aur
0556-5935	0557-5953	= GSC 8532.0218 = USNO-A2.0 0300-01962105
		= 0556-5935 (EC)
0609-4843	0610-4844	-> V347 Pup
0612+2836	0615+2835	-> KR Aur
0614+0909	0617+0908	-> V1055 Ori
0616-8148	0611-8149	-> AH Men
0618+7336	0625+7334	= USNO-A2.0 1575-02545679 = J0625+7334 (1RXS)
0620-0019	0622-0020	-> V616 Mon
0623+7106	0629+7104	-> BZ Cam
0635-6235	0635-6238	-> RR Pic
0638-2420	0640-2423	-> PU CMa
0643-1648	0645-1651	-> HL CMa
0646-4415	0648-4418	-> HD 49798
0647-0734	0649-0737	= USNO-A1.0 0750-02887019
		= USNO-A2.0 0750-02876696
		= J0649-0737 (RX, 1RXS)
0659+6207	0704+6203	= USNO-A2.0 1500-04753745
		= J0704+6203 (RX, 1RXS)
0705+6700	0710+6655	= FBS B763 = GSC 4123.0265
		= USNO-A2.0 1500-04780867
		= 0705+6700 (FBS, HS)
0706-0043	0709-0048	-> V651 Mon
0710-3600	0712-3605	-> V348 Pup
0710+7406	0717+7400	-> HR Cam
0714+6603	0719+6557	-> HS Cam
0718-3141	0720-3147	-> IN CMa
0728+1002	0731+0956	-> BG CMi

0728+4739	0731+4733	-> DN Lyn
0743-5249	0744-5257	-> V436 Car
0746-0541	0749-0549	= USNO-A1.0 0825-05603282
		= USNO-A2.0 0825-05582317
		= J0749-0549 (RX, 1RXS)
0748-6737	0748-6745	-> UY Vol
0748+1452	0751+1444	-> PQ Gem
0752+2208	0755+2200	-> U Gem
0752+6314	0757+6306	-> HT Cam
0802-4740	0803-4748	-> V516 Pup
0803+1536	0806+1527	= J0806+1527 (RX, 1BMW)
0807+2817	0810+2808	-> YZ Cnc
0808-7623	0807-7632	-> Z Cha
0808+1106	0811+1057	= GSC 0798.0438 = USNO-A2.0 0975 05760609
		= 0808+1106 (EGB) = central star of the planetary nebula PN G211+22.6 = EGB 5
0808+6245	0812+6236	-> SU UMa
0809-3512	0811-3521	-> CP Pup
0809+4537	0813+4528	= USNO-A2.0 1350-07329647 = J0813+4528 (SDSS)
0812-1854	0815-1903	-> VV Pup
0813-4904	0815-4913	-> IX Vel
0817+4944	0820+4934	= RBS 696 = USNO-A2.0 1350-07361464
		= J0820+4934 (1RXS)
0818+5115	0822+5105	-> BH Lyn
0819+7316	0825+7306	-> Z Cam
0830-2238	0833-2248	-> WX Pyx
0832+5339	0836+5328	-> SW UMa
0834+4848	0838+4838	-> EI UMa
0839+3955	0843+3944	= FBS B55 = GSC 2982.1066 = KUV 345-30
		= USNO-A2.0 1275-07348725
		= 0839+3955 (FBS, KUV, PG, WD)
0841+1303	0844+1252	-> AC Cnc
0849+3155	0852+3143	= CBS 1 = GSC 2485.0686 = Ton 358
		= USNO-A2.0 1200-06168803 = 0849+3155 (PG)
0849+5800	0853+5748	-> BZ UMa
0850+1700	0853+1649	= GSC 1394.0013 = USNO-A2.0 1050-05892281
		= 0850+1700 (PG)
0855-2846	0857-2857	-> VW Pyx
0857-2417	0859-2428	-> VZ Pyx
0858+1805	0901+1753	-> SY Cnc
0859+4129	0903+4117	-> BP Lyn
0902-3210	0904-3222	-> T Pyx
0907+1220	0910+1208	= USNO-A2.0 0975-06171266 = 0907+1220 (PG)
0907+1902	0909+1849	-> GY Cnc
0911-0635	0914-0647	-> MM Hya
0913+0913	0915+0900	-> GZ Cnc
0917+3409	0920+3356	-> BK Lyn
0918+0258	0921+0246	= GSC 0231.1572 = USNO-A2.0 0900-06374678
		= 0918+0258 (PG)
0921-6304	0922-6317	-> V395 Car
0922+1333	0924+1320	= USNO-A2.0 0975-06235961 = 0922+1333 (HS)
0923-4745	0925-4758	-> MR Vel
0926-2351	0929-2404	-> MN Hya
0927-3109	0929-3123	= J0929-3123 (XTE)
0928+5004	0932+4950	= UMa 6 = USNO-A2.0 1350-07611360
		= 0928+5004 (H, 1H)
0934+1838	0937+1825	= GSC 1413.0756 = USNO-A2.0 1350-06091591
		= 0934+1838 (PG)
0935+0728	0938+0714	-> Leo 7
0940+0649	0942+0635	= GSC 0242.1685 = USNO-A2.0 0900-06484685
		= 0940+0649 (PG, WD)
0941+0411	0944+0358	= USNO-A2.0 0900-06492489
		= J0944+0358 (RX, 1RXS)
0943+5207	0947+5154	-> ER UMa
0948+3421	0951+3407	-> RZ LMi
0950+1512	0953+1458	= USNO-A2.0 0975-06358045
		= J0953+1458 (RX, 1RXS)
0957-6639	0959-6653	= BPM 6114 = L101-26
		= USNO-A2.0 0225-07178443 = 0957-6639 (WD)
0959-1911	1002-1925	= USNO-A2.0 0675-01742167

		= J1002-1925 (RE, RX, 1RXS)
1000+6643	1004+6629	= FBS B788 = UMa 7 = USNO-A2.0 1500-05264777
		= 1000+6643 (FBS?, PG)
1003+6747	1007+6732	-> CH UMa
1005-6959	1006-7014	-> OY Car
1005-2002	1007-2017	= USNO-A2.0 0675-10804884
		= J1007-2017 (RE, RX, 1RXS)
1011-4449	1013-4504	-> MM Vel
1012-0253	1015-0308	-> SW Sex
1012+0919	1015+0904	-> GG Leo
1013-4743	1015-4758	-> KO Vel
1013-0505	1016-0520	= GSC 4910.1132 = 1013-0505 (WD)
		= J1016-0520 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, XUV)
1014-4048	1016-4103	-> V381 Vel
1014+7210	1018+7155	-> CI UMa
1017-0838	1020-0853	= GSC 5490.0730 = USNO-A2.0 0750-07216335
		= 1017-0838 (EC, PG)
1017-0826	1018-0841	-> RW Sex
1017+5319	1020+5304	-> KS UMa
1022+0501	1025+0446	= GSC 0249.0562 = LP 550-52
		= USNO-A2.0 0900-06683926
		= 1022+0501 (PG, WD)
1023+3900	1026+3845	-> WX LMi
1026+0014	1028-0000	-> UZ Sex
1030+5902	1033+5846	-> DW UMa
1032+4036	1035+4021	= FBS B37 = GSC 3005.0579 = PB 385
		= USNO-A2.0 1275-07752359
		= 1032+4036 (PG, UVO)
1037-0451	1039-0506	= USNO-A2.0 0825-07268865
		= J1039-0506 (RX, 1RXS)
1038+1527	1040+1511	-> DO Leo
1042-6902	1044-6918	= BPM 6502 = GSC 9211.0229 = LTT 3943
		= L101-80 = USNO-A2.0 0150-07535042
		= 1042-6902 (WD)
1043+6351	1047+6335	-> FH UMa
1043+7600	1047+7544	= GSC 4549.1829 = USNO-A2.0 1650-01480213
		= 1043+7600 (PG)
1045+5234	1048+5218	= UMa 5 = USNO-A2.0 1350-07836452
		= 1045+5234 (CW) = J1048+5218 (1RXS)
1047-1420	1050-1404	= USNO-A2.0 0750-07372494 = J1050-1404 (1RXS)
1047-0436	1050-0452	= GSC 4917.0557 = USNO-A2.0 0825-07317749
		= 1047-0436 (HE, PG)
1048+5420	1051+5404	-> EK UMa
1052-4831	1054-4847	-> KV Vel
1054+4957	1056+4941	-> CY UMa
1101-2121	1103-2137	-> TU Crt
1101+2455	1104+2439	-> Feige 36
1101+3626	1104+3610	= CBS 134 = FBS B509 = GSC 2521.0868
		= Ton 1323 = USNO-A2.0 1200-06640119
		= 1101+3626 (FBS, PG, WD)
1101+4519	1104+4503	-> AN UMa
1102+2522	1105+2506	-> ST LMi
1110+2924	1113+2907	= CBS 38 = LB 10038 = PB 2322 = Ton 62
		= USNO-A2.0 1125-06270222 = 1110+2924 (PG)
1111-3724	1114-3740	-> V436 Cen
1112+4314	1115+4258	-> AR UMa
1114+1814	1117+1757	-> DP Leo
1114+1842	1117+1825	= Leo 2 = USNO-A2.0 1050-06466209
		= 1114+1842 (PG)
1115+1637	1117+1621	= GSC 1437.0955 = USNO-A2.0 1050-06469200
		= 1115+1637 (PG, WD)
1115+4818	1118+4808	-> KV UMa
1116+3008	1119+2951	= CBS 39 = GSC 1983.1391 = LB 10117 = PB 2515
		= Ton 63 = USNO-A2.0 1125-06289986
		= 1116+3008 (PG)
1123-0008	1125-0016	= USNO-A2.0 0825-07463215 = J1125-0016 (2QZ)
1124-6824	1126-6840	-> GU Mus
1128+4339	1131+4322	= J1131+4322 (1RXS, 1RXP)
1135+0338	1138+0322	-> T Leo

1136+6646	1139+6630	= FBS B800 = GSC 4159.0297
		= USNO-A2.0 1500-05456576
		= 1136+6646 (FBS, HS)
1139-6353	1141-6410	-> V1033 Cen
1140+7157	1143+7144	-> DO Dra
1142-0409	1145-0426	-> TW Vir
1147+2901	1149+2845	-> EU UMa
1152-5625	1155-5641	= USNO-A1.0 0300-14373745
		= USNO-A2.0 0300-14294090
		= J1155-5641 (RX, 1RXS)
1155+4913	1157+4856	-> BE UMa
1157-1845	1200-1902	-> TW Crv
1202+6048	1204+6032	-> Feige 55
1204+4505	1206+4448	= FBS B303 = 1204+4505 (FBS, PG, WD)
1212+3655	1214+3638	-> UX CVn
1213+5247	1215+5231	-> EG UMa
1224+3055	1226+3038	-> LM Com
1227+6928	1230+6921	-> 4 Dra
1230+0514	1233+0457	= GSC 0292.0387 = USNO-A2.0 0900-07178323
		= 1230+0514 (PG)
1232+3754	1234+3737	-> AM CVn
1235-3826	1238-3842	-> V1025 Cen
1237+2124	1239+2108	-> IR Com
1241-0823	1244-0840	-> HW Vir
1241-0102	1244-0118	= GSC 4949.0906 = USNO-A2.0 0825-07825616
		= 1241-0102 (PG, WD)
1244+1119	1247+1103	= FAUST 3640 = FAUST 3664 = GSC 0885.1199
		= USNO-A2.0 0975-07032940 = 1244+1119 (PG)
1247+5522	1250+5506	= GD 319 = GJ 3753 = GSC 3845.0640
		= USNO-A2.0 1425-07865356
		= 1247+5522 (PG, SBS, WD)
1248+1626	1250+1610	= GSC 1449.0766 = USNO-A2.0 1050-06794641
		= 1248+1626 (PG)
1249-2858	1252-2914	-> EX Hya
1254-6901	1257-6917	-> GR Mus
1257-3036	1300-3052	= J1300-3052 (CTCV)
1300+2756	1302+2740	= CBS 335 = FAUST 3652 = GSC 1995.0045
		= KUV 494-4 = LB 27 = PB 3251 = US 177
		= USNO-A2.0 1125-06641143
		= 1300+2756 (KUV, PG)
1303+1817	1305+1801	-> GP Com
1305+5407	1307+5351	-> EV UMa
1310-3243	1313-3259	= GSC 7267.1198 = USNO-A2.0 0525-15910952
		= J1313-3259 (RX, 1RXS)
1317+4520	1319+4505	= EGGR 188 = G 177-31 = GJ 2100
		= GSC 3460.1417 = LHS 6250
		= 1317+4520 (PG, WD)
1320-4128	1323-4144	-> V803 Cen
1321-6145	1324-6200	= J1324-6200 (1SAX)
1321+0336	1324+0320	= J1324+0320 (SDSS)
1323-6152	1326-6208	= 1323-6152 (3A, 2E, EXO, 1M, 3U, 4U)
1324+4548	1326+4532	-> DE CVn
1328-5443	1331-5458	-> BV Cen
1329-2925	1331-2940	-> LY Hya
1329+1556	1331+1541	= Feige 81 = GSC 1459.1061 = PB 3963
		= USNO-A2.0 1050-06948324 = 1329+1556 (PG)
1336-0146	1338-0201	-> NY Vir
1341-0759	1343-0814	-> HS Vir
1346+0812	1348+0757	-> CR Boo
1347-1258	1349-1313	= GSC 5559.0143 = USNO-A2.0 0750-08256343
		= 1347-1258 (EC) = J1349-1313 (1RXS)
1349+1424	1351+1409	= GSC 0906.1057 = PB 4117
		= USNO-A2.0 0975-07311912
		= 1349+1424 (PG, WD)
1354-6429	1358-6444	-> BW Cir
1405-4503	1409-4517	-> V834 Cen
1413+0131	1415+0117	-> GK Vir
1414-0848	1416-0902	= USNO-A2.0 0750-08417030 = 1414-0848 (HE)
1420-0207	1422-0221	= J1422-0221 (2QZ)
1422-0214	1424-0227	= USNO-A2.0 0825-08311993 = J1424-0227 (2QZ)

1426-3750	1429-3804	-> V895 Cen
1428+3723	1430+3710	= CBS 188 = FBS B113
		= USNO-A2.0 1200-07320026
		= 1428+3723 (FBS, KUV, PG, WD)
1432-0033	1435-0046	-> OU Vir
1432+1553	1435+1540	= GSC 1477.1023 = USNO-A2.0 1050-07227750
		= 1432+1553 (PG, WD)
1449-6804	1454-6816	-> BZ Cir
1449+6415	1450+6403	-> KV Dra
1455-3128	1458-3140	-> V822 Cen
1510+2326	1513+2315	-> NY Ser
1512+2421	1514+2410	= GSC 2024.0631 = Ton 788
		= USNO-A2.0 1125-07204387 = 1512+2421 (PG)
1519+6402	1520+6352	= GSC 4184.0139 = USNO-A2.0 1500-05910265
		= 1519+6402 (PG)
1524+6211	1525+6201	-> ES Dra
1528+1025	1531+1015	= GSC 0932.0044 = USNO-A2.0 0975-07860695
		= 1528+1025 (PG)
1533-1403	1535-1413	-> HP Lib
1533+5958	1534+5948	-> DM Dra
1538+2658	1540+2648	-> Ton 245
1543-4730	1547-4740	-> IL Lup
1543+1431	1545+1422	-> CT Ser
1544-4519	1548-4528	= J1548-4528 (1RXS)
1547-5619	1550-5628	-> V381 Nor
1550+1303	1552+1254	-> NN Ser
1550+1905	1552+1856	-> MR Ser
1551+7155	1550+7146	-> SS UMi
1552+2730	1554+2721	= USNO-A2.0 1125-07424531
		= J1554+2721 (RX, 1RXS)
1552+5525	1553+5516	= USNO-A2.0 1425-08394436 = J1553+5516 (SDSS)
1556-6035	1601-6043	-> LU TrA
1603+2600	1605+2551	-> UW CrB
1607+0400	1610+0352	= RBS 1563 = USNO-A2.0 0900-08458221
		= J1610+0352 (RX, 1RXS)
1608-5217	1612-5225	-> QX Nor
1612-2830	1615-2837	-> V893 Sco
1613-5055	1617-5102	= 1613-5055 (1E, 2E), X-ray source associated
		with the SNR RCW 103 = G332.4-0.4
1617-1531	1619-1538	-> V818 Sco
1619+5213	1620+5206	= GSC 3498.1721 = USNO-A2.0 1350-08854325
		= 1619+5213 (SBSS, PG)
1624-4904	1628-4911	= 1624-4904 (3A, CGS, H, 1H, 1M, 2S, 2U,
		3U, 4U) = J1628-4912 (1RXS)
1627-6721	1632-6727	-> KZ TrA
1627+0144	1629+0138	= GSC 0369.0978 = USNO-A2.0 0900-08695888
		= 1627+0144 (PG)
1633+1130	1635+1124	-> V849 Her
1636-5339	1640-5345	-> V801 Ara
1641+3408	1643+3402	= GSC 2585.1677 = USNO-A2.0 1200-08008741
		= J1643+3402 (RX, 1RXS)
1642+2520	1644+2515	-> AH Her
1646-4952	1650-4957	= J1650-4957 (XTE)
1650-3945	1654-3950	-> V1033 Sco
1656-1248	1659-1253	-> V841 Oph
1658-2952	1702-2956	-> V2134 Oph
1659-4843	1702-4847	-> V821 Ara
1702-3621	1705-3625	-> V1101 Sco
1704+4807	1705+4803	= EGGR 577 = Sanduleak-Pesch binary BC
		= 1704+4807BC (WD)
1705-4402	1708-4406	= 1705-4402 (3A, CGS, EXO, H, 1H, 1M, 2S,
		3U, 4U)
1705-2501	1708-2505	-> V2107 Oph
1707-2804	1710-2807	= J1710-2807 (1RXS, XTE)
1709-2411	1712-2414	-> V2400 Oph
1711+3334	1712+3331	-> V795 Her
1713+3316	1715+3313	= BPM 92172 = EGGR 587 = FBS B596 = GD 360
		= USNO-A2.0 1200-08286690
		= 1713+3316 (FBS, PG, WD)
1716-2458	1719-2501	-> V2293 Oph

1716+4237	1718+4234	=	GSC 3081.0631 = USNO-A2.0 1275-09285729
		=	1716+4237 (PG, WD)
1717+4118	1718+4115	->	V825 Her
1722+4116	1724+4114	->	V1007 Her
1725+2510	1727+2508	=	GSC 2079.1551 = USNO-A2.0 1125-08281880
		=	1725+2510 (PG)
1726-1510	1729-1513	->	MT Ser
1728-1655	1731-1657	->	V2216 Oph
1729+6250	1730+6247	=	USNO-A2.0 1500-06287241 = J1730+6247 (SDSS)
1735-4425	1738-4427	->	V926 Sco
1735+2210	1737+2204	=	BD +22 3171 = GSC 1563.1018 = LSE 161
		=	USNO-A2.0 1050-08920242 = 1735+2210 (UVO)
1740-2943	1743-2944	=	1740-2943 (IRAS, 1E, 2E)
		=	"great anihilator"
1740+2349	1742+2348	->	V660 Her
1741-2843	1744-2844	=	J1744-2844 (2EG, 3EG, GRO)
1742-2900	1745-2901	=	J1745-2901 (AX),
			not identical with A 1742-289
1743+4742	1744+4741	=	GSC 3514.0358 = USNO-A2.0 1350-09327233
		=	1743+4742 (PG)
1746-3702	1750-3703	=	1746-3702 (3A, E, 1ES, CGS, H, 1H, 1M, MXB,
			2S, 3U, 4U) = J1750-3703 (1RXS)
		=	LMXB in the globular cluster NGC 6641
1747-3115	1750-3116	=	1747-3115 (GRS)
		=	LMXB in the globular cluster Terzan 6
1748-3036	1751-3037	=	J1751-3037 (XTE)
1755-3348	1758-3348	->	V4134 Sgr
1758-2544	1801-2544	=	1758-2544 (GRS) = 1801-2544 (1RXS)
1758+0810	1800+0810	->	V2301 Oph
1759+1804	1802+1804	->	V884 Her
1804+6753	1804+6754	->	EX Dra
1805-3659	1808-3658	->	V4580 Sgr
1805+0551	1807+0551	->	V426 Oph
1811-1710	1814-1709	=	GX 13+1 = Sgr XR-2 = Sgr X-2
		=	1811-1710 (3A, CGS, 1E, 1ES, H, 1H, 1M, 2S,
			2U, 3U, 4U) = J1814-1709 (1RXS)
1812+6703	1812+6704	->	IX Dra
1813-1403	1816-1402	=	GX 17+2 = GX +16.7 = Ser XR-2 = Ser X-2
		=	1813-1403 (3A, CGS, H, 1H, 1M, 2S, 3U, 4U),
			incorrectly identified with the variable
			NP Ser
1814+4950	1816+4952	->	AM Her
1816-2525	1819-2524	->	V4641 Sgr
1820-3023	1823-3021	=	Sgr X-4 = 1820-3023 (3A, CGS, 1E, 1ES, H,
			1H, 1M, MXB, 2S, 3U, 4U)
		=	J1823-3021 (1RXS)
		=	LMXB in the globular cluster NGC 6624
1822-3708	1825-3706	->	V691 CrA
1824+0402	1827+0403	=	EGGR 125 = G 21-15 = G 141-11 = LTT 15456
		=	USNO-A2.0 0900-12865791 = 1824+0402 (WD)
1826-2349	1829-2347	->	V4634 Sgr
1828-2925	1832-2923	->	V1017 Sgr
1829-2845	1832-2843	->	Hf 2-2, central star
1829-0842	1832-0840	=	J1832-0840 (AX, WGA)
1832-3301	1835-3259	=	J1835-3259 (RX, 1RXS)
		=	LMXB in the globular cluster NGC 6652
1837+0459	1839+0508	->	MM Ser
1838-7421	1844-7418	->	V347 Pav
1846+0031	1848+0035	->	V603 Aql
1846+5535	1846+5538	=	USNO-A2.0 1425-09302151
		=	J1846+5538 (RX, 1RXS)
1850-0846	1853-0842	=	1850-0846 (1A, 3A, E, 1ES, 2E, H, 1H, MXB,
			2S, 4U) = J1853-0842 (1RXS)
		=	LMXB in the globular cluster NGC 6712
1851-3113	1855-3109	->	V1223 Sgr
1856+2235	1858+2239	->	V406 Vul
1905+4356	1907+4401	->	MV Lyr
1909+2851	1910+2856	=	USNO-A2.0 1125-11641066 = J1910+2856 (RX, 1RXS)
1906-6003#1	1910-5958#1	->	NGC 6752-CV1

1906-6003#2	1910-5958#2	->	NGC 6752-CV2
1907+6903	1907+6908	->	EP Dra
1908+0030	1911+0035	->	V1333 Aql
1909+1646	1911+1651	->	QR Sge
1911+1212	1913+1217	->	V1315 Aql
1912+1051	1915+1056	->	V1487 Aql
1912+2451	1914+2456	->	V407 Vul
1916-0519	1918-0514	->	V1405 Aql
1924-5007	1928-5001	=	J1928-5001 (CTCV, 2EUVE)
1930+2752	1932+2758	->	V2214 Cyg
1931-5915	1935-5908	->	V345 Pav
1933+5100	1934+5107	=	Cyg 2 = USNO-A2.0 1350-10742181
		=	1933+5100 (H, 1H)
1934-4619	1938-4612	->	QS Tel
1936+3023	1938+3030	->	EM Cyg
1937-1032	1940-1025	->	V1432 Aql
1944-4207	1947-4200	->	V3885 Sgr
1946+4340	1947+4347	=	USNO-A2.0 1275-12319964 = 1956+4340 (KPD)
1949+3709	1951+3716	=	USNO-A1.0 1200-13720959
		=	USNO-A2.0 1200-13532067
		=	J1951+3716 (RX, 1RXS)
1950+2106	1953+2114	->	V405 Vul
1951+7736	1949+7744	->	AB Dra
1953-5746	1957-5738	->	V393 Pav
1956+3224	1958+3232	=	USNO-A2.0 1200-13996981 = J1958+3232 (1WGA)
1957+1134	1959+1142	->	V1408 Aql
2000+2505	2002+2514	->	QZ Vul
2003+2231	2005+2240	->	QQ Vul
2003+5418	2005+5426	->	V1513 Cyg
2004-6536	2008-6527	->	V349 Pav
2005+1733	2007+1742	->	WZ Sge
2009+6216	2010+6225	=	EGGR 332 = GD 543 = LP 106-17
		=	USNO-A2.0 1500-07253288 = 2009+6216 (WD)
2011+3953	2013+4002	=	USNO-A2.0 1275-13659483
		=	J2013+4002 (EUVE, 2EUVE, RE, 2RE, RX, 1RXS, WGA, XUV)
2014-0349	2017-0339	->	V794 Aql
2018+2056	2020+2106	->	V Sge
2019-4003	2022-3954	->	V4738 Sgr
2022+3342	2024+3352	->	V404 Cyg
2029+5227	2030+5237	->	V1974 Cyg
2032+1849	2035+1859	=	BPM 95701 = EGGR 278 = GD 231
		=	USNO-A2.0 1050-18116455 = 2032+1849 (WD)
2037-0102	2040-0052	->	AE Aqr
2040+1858	2042+1909	->	HR Del
2040+3954	2042+4005	=	USNO-A2.0 1275-14065252 = 2040+3954 (KPD)
2050+4408	2052+4419	->	V751 Cyg
2105-0529	2107-0517	->	HU Aqr
2109+4756	2111+4809	->	V1500 Cyg
2111-5853	2115-5840	->	CD Ind
2120-0600	2123-0547	->	LZ Aqr
2121+4205	2123+4218	->	V2069 Cyg
2124+1909	2126+1922	->	IK Peg
2127+1156	2129+1210	->	AC 211
2128+4656	2130+4710	=	J2130+4710 (RX)
2129+4704	2131+4717	->	V1727 Cyg
2131+0637	2134+0650	->	IR Peg
2133+1127	2136+1140	->	LQ Peg
2138-4518	2141-4504	->	CF Gru
2140+4321	2142+4335	->	SS Cyg
2142+3805	2144+3819	->	V1341 Cyg
2154+4048	2156+4102	=	USNO-A2.0 1275-16760408
		=	2154+4048 (KPD, WD)
2155+0840	2157+0855	=	USNO A2.0 0975-20698720
		=	J2157+0855 (RX, 1RXS)
2209-1444	2212-1429	=	GSC 5809.1053 = USNO-A2.0 0750-21132595
		=	2209-1444 (HE)
2211+1227	2214+1242	->	RU Peg
2215-0836	2217-0821	->	FO Aqr
2233+5227	2235+5242	->	DI Lac

2252-0326	2255-0310	-> AO Psc
2256+2459	2258+2515	-> MS Peg
2301+0050	2303+0106	= PB 5229 = USNO-A2.0 0900-20306457
		= J2303+0106 (SDSS)
2301+1701	2303+1717	-> V369 Peg
2312-5927	2315-5910	-> CP Tuc
2312-3105	2315-3048	= RBS 1969 = USNO-A2.0 0525-44171827
		= 2312-3105 (EC) = J2315-3048 (RX, 1RXS)
2313-0543	2316-0527	= Aqr 5 = RBS 1973 = USNO-A2.0 0825-19899444
		= J2316-0527 (RE, RX, 1RXS)
2320+1808	2323+1825	-> IP Peg
2326-3003	2329-2946	-> VY Scl
2327+0611	2329+0628	= USNO-A2.0 0900-20419850
		= J2329+0628 (1RXS)
2331+2902	2334+2918	= EGGR 585 = GD 251 = USNO-A2.0 1125-19860308
		= 2331+2902 (PG, WD)
2335+4252	2337+4308	= USNO-A2.0 1275-18528980 = J2337+4308 (RX)
2337+1221	2340+1237	-> HX Peg
2342+4314	2344+4331	-> LD 317
2345+3148	2348+3204	= GSC 2771.0289 = USNO-A2.0 1200-20049056
		= 2345+3148 (PG, WD)
2346+5110	2348+5127	-> V630 Cas
2347-2639	2350-2622	-> VZ Scl
2350-3908	2353-3851	-> BW Scl

Part V: References to the Catalogue Acronyms

A: -> Abell

Abell: Abell, G.O. 1955, "Globular clusters and planetary nebulae discovered on the national geographic society-Palomar Observatory sky survey", PASP 67, 258 (A1 - A73)
Abell, G.O. 1966, "Properties of Some Old Planetary Nebulae", ApJ 144, 259 (A1 - A86)

AC: Auriere, M., Cordoni, J.-P. 1981, "Position, Magnitudes and Color for Stars in the Central Part of the X-Ray Globular Cluster M 15", A&AS 46, 347

AE: Name, after its discoverer A. Elvius (1975, A&A 44 117)

AGK3: Heckmann, O., Dieckvoss, W. 1975, "AGK3: star catalogue of positions and proper motions, north of 2.5 degr. declination: derived from photographic plates taken at Bergedorf and Bonn in the years 1928-1932 and 1956-1963", Hamburg-Bergedorf: Hamburger Sternwarte

AKO: Auriere, M., Koch-Miramond, L., Ortolani, S. 1989, "The X-ray source in the core of 47 Tucanae", A&A 214, 113

ALEXIS: UV-emission source seen by the ALEXIS satellite, see Roussel-Dupre, D., et al (7 authors) 1995, IAU Circ. No. 6152

Antipin Antipin, S.V. 1994, "Ten new variable stars in Hercules and Corona Borealis", IBVS No. 4125 (Antipin V1 - V10)
Antipin, S.V. 1996, "New variable stars in the eta Herculis field", IBVS No. 4342 (Antipin V11 - V18)
Antipin, S.V. 1996, "New variable stars in the eps Coronae Borealis field", IBVS No. 4343 (Antipn V19 - V24)
Antipin, S.V. 1996, "New variable stars in the 66 Ophiuchi field", IBVS No. 4344 (Antipin V25 - V33)
Antipin, S.V. 1996, "Nine new variables in the 66 Ophiuchi field", IBVS No. 4345 (Antipin V34 - V42)
Antipin, S.V. 1996, "Nine new variables in the eta Herculis field", IBVS No. 4360 (Antipin V43 - V51)
Antipin, S.V. 1998, "Var 61 Her, Var 62 And, KUV 23012+1702: new dwarf novae on Moscow plates", IBVS No. 4578 (Antipin V61 - V62)
Antipin, S.V. 1999, "New dwarf novae on Moscow plates II", IBVS No. 4673 (Antipin V63 - V66)
Antipin, S.V. 1999, "New cepheids in Aquila", IBVS No. 4699 (Antipin V67 -V68)
Antipin, S.V. 1999, "A new classical Cepheid in Sagitta", IBVS No. 4772 (Antipin V69)
Antipin, S.V. 2000, "A new classical cepheid in Cassiopeia", IBVS No. 4938 (Antipin V70)
Antipin, S.V. 2000, "A new high amplitude short period variable star in Cassiopeia", IBVS No. 4939 (Antipin V71)

ASM: Source seen by the Ginga All Sky Monitor

AX: ASCA X-Ray Source

AXG: -> 1AXG

BAC: "Bordeaux Astrographic Catalogue", see: Eichhorn, H. 1974, Astronomy of Star Positions, New York

BD: Argelander, F. 1903, "Bonner Durchmusterung des noerdlichen Himmels", (revised by F. Kuestner)

Astron. Beob. 1 (Part 1, Zones -2 to +20)
Astron. Beob. 2 (Part 2, Zones +20 to +41)
Astron. Beob. 3 (Part 3, Zones +41 to +89)
Schoenfeld, E. 1886, "Bonner Durchmusterung", (South)
Astron. Beob. 8 (Part 4, Zones -2 to -23)

BMW: Lazzati, D., Campana, S., Panzera, M.R., Tagliaferri, G. 1999, "The Brera Multiscale Wavelet ROSAT HRI Source Catalog. I. The Algorithm", 1999, ApJ 524, 414
Campana, S., Lazzati, D., Panzera, M.R., Tagliaferri, G. 1999, "The Brera Multiscale Wavelet ROSAT HRI Source Catalog. II. Application to the HRI and First Results", ApJ 524, 423

Bo: -> Bol

Bol: Battistini, P., et al. (6 authors) 1980, "Search for (Globular) Clusters in M 31. I: Candidates in a 70' Square Field Centered on M 31", A&AS 42, 357 (Bol 1 - Bol 288)
Battistini, P., et al. (7 authors) 1987, "Search for (Globular) Clusters in M 31. IV: Candidates in a 3x3deg Square Field Centered on M 31", A&AS 67, 447 (Bol 289 - Bol 513)

BPM: Luyten, W.J. 1963, "Bruce Proper Motion Survey. The General Catalogue. Vol. I, II", University of Minnesota, Minneapolis, Minnesota

BV: Bamberg variable

C: -> Case

CAL: Object from the Columbia Astrophysics Laboratory Einstein Survey of the Large Magellanic Cloud, -> LHG

Case: Stephenson, C.B. 1971, "Objective Prism Surveys for new White Dwarfs", in: White Dwarfs, IAU Symp. No. 42, W.J. Luyten (ed.), D. Reidel, Dordrecht, p. 61 (Case 1 - Case 3, or C1 - C3)

CBS: Case Blue Star, -> CSO

CD: Thome, J.M.: "Cordoba Durchmusterung", Resultados del Observatorio Nacional Argentino,
1892, Vol. 16, 1 (Part 1, Zones -22 to -32)
1894, Vol. 17, 1 (Part 2, Zones -32 to -42)
1900, Vol. 18, 1 (Part 3, Zones -42 to -52)
1914, Vol. 21, 1 (Part 4, Zones -52 to -62)
Perrine, C.D.: "Cordoba Durchmusterung", Resultados del Observatorio Nacional Argentino,
1932, Vol. 21, 1 (Part 5, Zones -62 to -90)

CE: Ruiz, M.T., Wischnjewsky, M., Rojo, P.M., Gonzalez, L.E.: 2001, "Calan-ESO Proper Motion Catalog", ApJS 133, 119 (CE 1 - CE 542)

CGS: Bradt, H.V.D., Mc Clintock, J.E. 1983, "The Optical Counterparts of Compact Galactic X-Ray Sources", ARA&A 21, 13

CPD: Gill, D., Kapteyn, J.C. "Cape Photographic Durchmusterung for the Equinox 1875", Annals of the Cape Observatory,
1896, Vol. III , (Part 1, Zones -18 to -37)
1897, Vol. IV , (Part 2, Zones -38 to -52)
1900, Vol. V , (Part 3, Zones -53 to -89)
Gill, D. 1903, "Revision of the Cape Photographic Durchmusterung for the Equinox 1875", Annals of the Cape Observatory Vol. IX

CSO: Case Stellar Object, in:
Pesch, P., Sanduleak, N. 1983, "The Case Low-Dispersion Northern Sky Survey. I.", ApJS 51, 171 (CBS 1 - CBS 28), (CSO 1 - CSO 59)
Sanduleak, N., Pesch, P. 1984, "The Case Low-Dispersion Northern Sky Survey. II.", ApJS 55, 517 (CBS 29 - CBS 66), (CSO 60 - CSO 179)
Pesch, P., Sanduleak, N. 1986, "The Case Low-Dispersion Northern Sky Survey. III.", ApJS 60, 543 (CBS 67 - CBS 124), (CSO 180 - CSO 252)
Pesch, P., Sanduleak, N. 1988, "The Case Low-Dispersion Northern Sky Survey. V.", ApJS 66, 297 (CBS 125 - CBS 160), (CSO 253 - CSO 401)
Pesch, P., Sanduleak, N. 1989, "The Case Low-Dispersion Northern Sky Survey. VIII.", ApJS 70, 163 (CBS 161 - CBS 252), (CSO 402 - CSO 602)
Sanduleak, N., Pesch, P. 1989, "The Case Low-Dispersion Northern Sky Survey. IX.", ApJS 70, 173 (CBS 253 - CBS 324), (CSO 603 - CSO 765)
Sanduleak, N., Pesch, P. 1990, "The Case Low-Dispersion Northern Sky Survey. XI.", ApJS 72, 291 (CBS 325 - CBS 350), (CSO 766 - CSO 881)
Pesch, P., Sanduleak, N., Stephenson, C.B. 1991, "The Case Low-Dispersion Northern Sky Survey. XII", ApJS 76, 1043 (CBS 351 - CBS 382), (CSO 882 - CSO 1038)
Stephenson, C.B., Pesch, P., Mac Connell, D.J. 1992, "The Case Low-Dispersion Northern Sky Survey. XIII", ApJS 82, 471 (CBS 383 - CBS 418), (CSO 1039 - CSO 1121)
Pesch, P., Stephensen, C.B., Mac Connell, D.J. 1995, "The Case Low-Dispersion Northern Sky Survey. XV.", ApJS 102, 435 (CBS 419 - CBS 465), (CSO 1122 - CSO 1336)

Errata in: ApJS 102, 435 (1996) and ApJS 103, 513 (1996)

CSV: Kukarkin B.V., Parenago P.P., Efremov Y.N., Kholopov P.N. 1951, "Catalogue of suspected variable stars", Acad. of Sciences USSR Shternberg, Moscow (CSV 1 - CSV 5835, CSV 100000 - CSV 102299)

CTCV: Rossa J., Tappert C., Augusteijn T., Maza J. 1999, "Two new quasars at z = 1.90 and z = 0.15 from the Calan-Tololo Survey", A&A 350, 379 (Cataclysmic variable candidates from the Calan-Tololo Survey)

CW: Object from an objective prism survey of the north-galactic pole region in search for emisssion-line galaxies on plates taken with the Case Western Reserve University's 61/91cm Burrell Schmidt telescope. -> Shore S.N., Foltz C.B., Wasilewski A.J., Byard P.L., Wagner R.M. 1982, "CW 1103+254 : a new cataclysmic at high galactic latitude", PASP 94, 682

CXO: Chandra X-ray source

DPF: De Marchi, G., Paresce, F., Ferraro, F. 1993, "The Structure of the core of 47 Tuc from Hubble Space Telescope Observations", ApJS 85, 293 (DPF 1 - DPF 3567)

DS: Drilling, J.S. 1983, "The Spectra of 12 New Subluminous O Stars", ApJ 270, L13 (DS 1 - DS 2)

EC: Object from the Edinburgh-Cape Blue Object Survey
Kilkenny, D., O'Donoghue, D., Stobie, R.S. 1991, "First Results From the Edingurgh-Cape Blue Object Survey - Normal Stars at High Galactic Latitudes", MNRAS 248, 664

Stobie, R.S., et al. (27 authors) 1997, "The Edinburgh-Cape Blue Object Survey - I. Description of the survey", MNRAS 287, 848
Kilkenny, D., O'Donoghue, D., Koen, C., Stobie, R.S., Chen, A. 1997, "The Edinburgh-Cape Blue Object Survey - II. Zone 1 - the North Galactic Cap", MNRAS 287, 867

EG: -> EGGR

EGB: Ellis, G.L., Grayson, E.T., Bond, H.E. 1984, "A Search for Faint Planetary Nebulae on Palomar Sky Survey Prints", PASP 96, 283 (EGB 1 - EGB 10)

EGG: Edmonds, P.D., et al. (6 authors) 1996, "Stellar Variability in the Central Populations of 47 Tucanae from WF/PC Observations with the Hubble Space Telescope. II. Binary Systems", ApJ 468, 241 (EGG V1 - EGG V13)

EGGR: Eggen, O.J., Greenstein, J.L. 1965, "Spectra, Colors, Luminosities and Motions of White Dwarfs", ApJ 141, 83 (EGGR 1 - EGGR 166)
Eggen, O.J., Greenstein, J.L. 1965, "Observations of Propermotion Stars. II", ApJ 142, 925 (EGGR 167 - EGGR 178)
Eggen, O.J., Greenstein, J.L. 1967, "Observations of Propermotion Stars. III", ApJ 150, 927 (EGGR 179 - EGGR 202)
Greenstein, J.L. 1969, "The Lowell Suspect White Dwarfs", ApJ 158, 281 (EGGR 203 - EGGR 266)
Greenstein, J.L. 1970, "Some New White Dwarfs with Peculiar Spectra. VI.", ApJ 162, L55 (EGGR 267 - EGGR 284)
Greenstein, J.L. 1974, "A New List of 52 Degenerate Stars. VII.", ApJ 189, L131 (EGGR 285 - EGGR 336)
Greenstein, J.L. 1975, "A Further List of Degenerate Stars. VIII.", ApJ 196, L117 (EGGR 337 - EGGR 380)
Greenstein, J.L. 1976, "Some Further Degenerate Stars. IX.", ApJ 207, L119 (EGGR 381 - EGGR 405)
Greenstein, J.L., Oke, J.B., Richstone, D., van Altena, W.F., Steppe, H. 1977, "Further Degenerate Stars. X.", ApJ 218, L21 (EGGR 406 -EGGR 456)
Greenstein, J.L. 1979, " A Further List and some Properties of Red Degenerates. XI.", ApJ 227, 244 (EGGR 457 - EGGR 507)
Greenstein, J.L. 1980, "Degenerate Stars. XII. Recognition of Hot Nondegenerates", ApJ 242, 738 (EGGR 508 - EGGR 558)
Greenstein, J.L. 1984, "Spectrophotometry of the White Dwarfs", ApJ 276, 602 (EGGR 900 - EGGR 909)

EMSS: Gioia, I.M., et al. (7 authors) 1990, "The Einstein Observatory Extended Medium-Sensitivity Survey. I. X-Ray Data and Analysis", ApJS 72, 567
Stocke, J.T., et al. (8 authors) 1991, "The Einstein Observatory Extended Medium Sensitivity Survey II: The Optical Identifications", ApJS 76, 813
Maccacaro, T., et al. (8 authors) 1994, "The Einstein Observatory Extended Medium Sensitivity Survey. III. The Atlas of Optical Finding Charts", Astrophys. Lett. and Comm. 29, 267

ESO: Holmberg, E.B., Lauberts, A., Schuster, H.-E., West, R.M. 1978, "The ESO/Uppsala Survey of the ESO(B) Atlas of the Southern Sky", Vol. I - IX
1974, A&AS 18, 463 (Vol. I)
1974, A&AS 18, 491 (Vol. II)
1975, A&AS 22, 327 (Vol. III)
1977, A&AS 27, 295 (Vol. IV)
1978, A&AS 31, 15 (Vol. V)

1978, A&AS 34, 285 (Vol. VI)
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1981, A&AS 43, 307 (Vol. VIII)
1981, A&AS 46, 311 (Vol. IX)

Lauberts, A. 1982, "The ESO/Uppsala Survey of the ESO(B) Atalas", ESO Garching

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Bowyer, S., et al. (7 authors) 1994, "The First Extreme Ultraviolet Explorer Source Catalog", ApJS 93, 569

Malina, R.F., et al. (21 authors) 1994, Extreme Ultraviolet Explorer Bright Source List", AJ 107, 751

McDonald, K., et al. (7 authors) 1994, "Serendipitous EUV Sources Detected During The First Year Of The Extreme Ultraviolet Explorer Right Angle Program", AJ 108, 1843

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EXO:

Giommi, P., et al. (13 authors) 1991, "The EXOSAT High Galactic Latitude Survey", ApJ 378, 77

Lu F.J., Li T.P., Sun X.J., Wu M., Page C.G. 1996, "X-ray map from the EXOSAT galactic plane survey and a direct demodulation technique", A&AS 115, 395

FAUST:

Bowyer, S., Sasseen, T.P., Wu, X., Lampton, M. 1995, "A Catalog of Far-Ultraviolet Point Sources Detected with the FAUST Telescope on ATLAS-1", ApJS 96, 461 (FAUST 1 - FAUST 4660)

FBS:

Markarian, B.E., Lipovetsky, V.A., Stepanian, J.A., Erastova, L.K., Shapovalova, A.I. 1989, "The First Byurakan Survey. A Catalogue of Galaxies with UV-Continuum", Comm. Spec. Astrophys. Obs. No.62 (FBS B1 - FBS B1515)

Abramyan, G.V., Lipovetskii, V.A., Stepanyan, Dzh.A. 1989, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. I. Region Decl.=+39", Afz 32, 29 (engl. transl. in: Astrophysics 32, 14 (1990)) (FBS B1 - FBS B100)

Abramyan, G.V., Lipovetskii, V.A., Mikaelyan, A.M., Stepanyan, Dzh.A. 1990, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. II. Region Decl. =+39", Astrofizica 33, 214 (engl. transl. in: Astrophysics 33, 418 (1991)) (FBS B101 - FBS B203)

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Abramyan, G.V., Lipovetskii, V.A., Mikaelyan, A.M., Stepanyan, Dzh.A. 1991, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. IV. Region 41 < Decl. < 45", Afz 33, 345 (engl. transl. in: Astrophysics 34, 7 (1992)) (FBS B324 - FBS B429)

Abramyan, G.B., Mikaelyan, A.M. 1993, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. V., Afz 36, 109 (engl. transl. in: Astrophysics 36, 62 (1994)) (FBS B430 - FBS B540)

Abrahamian, H.V., Mickaelian, A.M. 1993, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. VI. Zone +33 < Decl. < +37", Afz 36, 517 (engl. transl. in: Astrophysics 36, 306 (1993)) (FBS B541 - FBS B638)

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Astrophysics 37, 27 (1994)) (FBS B639 - FBS B757)
Abrahamian, H.V., Mickaelian, A.M. 1994, "First Byurakan Spectral Sky Survey. Blue Stellar Objects. VIII. Zone +65 < Decl. < +69", Afz 37, 117 (engl. transl. in: Astrophysics 37, 27 (1994)) (FBS B758 - FBS B855)
Abramyan, G.B., Mikaelyan, A.M. 1994, "The First Byurakan Spectral Sky Survey. Blue Stellar Objects. IX. The Zone +69 , Decl. < +73 and Additional Objects from Previous Regions", Afz 37(3) (engl. transl. in: Astrophysics 37, 224 (1995)) (FBS B856 - FBS B939)
Abramyan, G.V., Mikaelyan, A.M. 1995, "The First Byurakan Spectral Sky Survey. Blue stellar objects. X. The Zone +73 < Decl. < +80", Afz 38(2) (engl. transl. in: Astrophysics 38, 108 (1995)) (FBS B940 - FBS B1039)
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FDP: Ferraro F.R., D'Amico N., Possenti A., Mignani R.P., Paltrinieri B. 2001, "Blue stragglers, young white dwarfs, and UV-excess stars in the core of 47 Tucanae", ApJ 561, 337

Feige: Feige, J. 1958, "A Search for Underluminous Hot Stars", ApJ 128, 267 (Feige 1 - Feige 114)
Feige, J. 1959, "An Atlas of Identification Charts for 113 Blue Stars", ApJ 129, 600

G: Giclas, H.L., Burnham, R. Jr., Thomas, N.G. 1971, "Lowell Proper Motion Survey, Northern Hemisphere; The G Numbered Stars", Lowell Observatory, Flagstaff, Arizona
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I.	The North Galactic Pole	1-70
II.	The Hyades and the South Galactic Pole	71-175
III.	Selected Areas (with E.F. Carpenter)	176-210
IV.	The Hyades	211-237
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	(with J.H. Anderson)	
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XXII.	The Star Density in High Galactic Lattitude	
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XXVI.	A Region Near the North Galactic Pole	4363-4886
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XXX.	On the Luminosities of the Coronal Stars (with J.H. Anderson)	
XXXI.	One Thousand Faint Blue Stars in the Region of Praesepe	5313-6308
XXXII.	The Galactic Cluster M 67	6309-6383
XXXIII.	Proper Motions for 148 PHL Stars (with H.S. Hughes)	
XXXIV.	Proper Motions for 24 Blue Stars in Orion (with H.S. Hughes)	
XXXV.	On the Distribution of the Luminosities of the Faint Blue Stars	
XXXVI.	Proper Motions for Thirty Eight Ancient Novae and U Geminorum Variables (with H.S. Hughes)	
XXXVII.	Proper Motions for 133 Faint Blue Stars (with J.A. Smith)	
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XXXIX.	The South Galactic Pole	7416-8585
XL.	Eight Hundred Faint Blue Stars in a Field Centered at 8:48 +18 (with A.R. Sandage)	8586-9388
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XLII.	On the Statistics of Faint Blue Stars	
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XLVI.	Faint Blue Stars in a Field Centered at 11 16 +30 (with J.H. Anderson and A.R. Sandage)	10004-10279
XLVII.	Faint Blue Stars in a Field Centered at 10:24 +18 (with J.H. Anderson and A.S. Sandage)	10280-10747
XLVIII.	Faint Blue Stars in a Field Centered at 9:32 +24 (with J.H. Anderson and A.S. Sandage)	10748-11209
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