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The bibliographical entries for *Individual Stars* and *Collections of Data*, as well as a few *General* entries, are categorized according to the following coding scheme. Data from archives or databases, or previously published, are identified with an asterisk. The observation codes in the first four groups may be followed by one of the following wavelength codes.

g.	γ-ray.	i.	infrared.	m.	microwave.	o.	optical
r.	radio	u.	ultraviolet	x.	x-ray		

1. Photometric data

a. CCD b. Photoelectric c. Photographic d. Visual

2. Spectroscopic data

a. Radial velocities b. Spectral classification c. Line identification d. Spectrophotometry

3. Polarimetry

a. Broad-band b. Spectropolarimetry

4. Astrometry

a. Positions and proper motions b. Relative positions only c. Interferometry

5. Derived results

a. Times of minima
b. New or improved ephemeris, period variations
c. Parameters derivable from light curves
d. Elements derivable from velocity curves
e. Absolute dimensions, masses
f. Apsidal motion and structure constants
g. Physical properties of stellar atmospheres
h. Chemical abundances
i. Accretion disks and accretion phenomena
j. Mass loss and mass exchange
k. Rotational velocities

6. Catalogues, discoveries, charts

a. Catalogues
b. Discoveries of new binaries and novae
c. Identification of optical counterparts of γ-ray, x-ray, IR, or radio sources
d. Finding charts

7. Observational techniques

a. New instrument development
b. Observing techniques
c. Reduction procedures
d. Data-analysis techniques

8. Theoretical investigations

a. Structure of binary systems
b. Circumstellar and circumbinary matter
c. Evolutionary models
d. Loss or exchange of mass and/or angular momentum

9. Statistical investigations

10. Miscellaneous

a. Abstract b. Addenda or errata

Abbreviations

AD	accretion disk	HMXB	high-mass x-ray binary	QPO	quasi-periodic oscillation
BH	black hole	IP	intermediate polar	RV	radial velocity
CB	close binary	LC	light curve	SB	spectroscopic binary
CV	cataclysmic variable	LMXB	low-mass x-ray binary	WD	white dwarf
EB	eclipsing binary	NS	neutron star	WR	Wolf-Rayet star

Individual Stars

V605 Aql	*Lau, H.H.B., De Marco, O., Liu, X.-W.* 2011, MNRAS 410, 1870. (8ac) A born-again star, a nova or both?
V1343 Aql (SS 433)	*Bowler, M.G.* 2010, A&A 521, A81. (2c*, 5i, 8b) Interpretation of observations of the circumbinary disk.
	Perez M.S., Blundell K.M. 2010, MNRAS 408, 2. (2abc, 5dgi, 8b) Circumbinary ring and accretion disc viewed through its attenuating disc wind.
V1487 Aql (GRS 1915+105)	*Harikrishnan, K.P., Misra, R., Ambika, G.* 2011, RAA 11, 71. (1x*) Nonlinear time series analysis of the x-ray LCs.
	Pahari, M., Pal, S. 2010, MNRAS 409, 903. (1x, 5i) Disk accretion modelling for high accretion rates.
	Rushton, A. et al. (4 authors) 2010, A&A 524, A29. (1r*, 2x*, 5i) Study of x-ray – radio correlation.
	Van Oers, P. et al. (10 authors) 2010, MNRAS 409, 763. (1rix, 5i) Multiwavelength observations of BH x-ray binary; discussion of hard state and jet phenomena of galactic microquasar.
R Ara	*Reed, P.A.* 2011, IBVS No. 5975 (5ab) A 116 year record of mass transfer.
V801 Ara (4U 1636−53)	*Lin, Y.-F. et al.* (4 authors) 2011, ApJ 726, 74. (1x*, 2x*) KHz quasi-periodic oscillations (QPO).
V821 Ara (GX 339-4)	*Done, C., Trigo, M.D.* 2010, MNRAS 407, 2287. (1x*, 5cegi, 8a) Detection of an extremely broad iron line.
	Gandhi, P. et al. (12 authors) 2010, MNRAS 407, 2166. (1aox, 2bc, 5cdegi, 8a) Multicomponent optical variability in the low/hard state.
	Sriram, K., Rao, A.R., Choi, C.S. 2010, ApJ 725, 1326. (2cx) Soft lags in the intermediate state.
	Xu, Y.-D. 2011, ApJ 729, 10. (1x, 2x) Iron line emission from accretion flow.
ϵ Aur	*Sadakane, K. et al.* (5 authors) 2010, PASJ 62, 1381. (2do, 5gh) An abundance analysis outside eclipse.
	Takeuti, M. 2011, PASJ 63, 325. (5i) Effect of irradiation on the disk.
AR Aur	*Folsom, C.P. et al.* (5 authors) 2010, MNRAS 407, 2383. (3b, 5degh, 8a) Magnetic field, chemical composition and line profile variability.
AC Boo	*Nelson, R.H.* 2010, IBVS No. 5951 (5abc) Unevolved W-type overcontact EB with a high mass transfer.
FY Boo	*Samec, R.G. et al.* (5 authors) 2011, IBVS No. 5963 (5abc) Evidence for a third dwarf component.
Y Cam	*Rodríguez, E. et al.* (24 authors) 2010, MNRAS 408, 2149. (1ao, 5c) Photometric campaign on Algol-type EB with pulsating primary of δ Scuti type.
SZ Cam	*Mayer, P. et al.* (4 authors) 2010, A&A 524, A1. (1ao*, 2a, 5e). System parameter revisited.
EI CVn	*Yang, Y.-G.* 2011, RAA 11, 181. (1ao, 5bcj) LC and period analyses.
IV Cas	*Kim, S.-L. et al.* (4 authors) 2010, PASP 122, 1311. (1ao, 2de, 5c) EB with a δ Sct-type component.
V615 Cas (LS I +61°303)	*McSwain, M.V. et al.* (4 authors) 2010, ApJ 724, 379. (2co) Strong Hα emission throughout the period.

	Zabalza, V., Paredes, J.M., Bosch-Ramon, V. 2011, A&A 527, A9. (2gx) Study of high-energy emission.
	Zhang, J.-F., Zhu, Y., Zhang, L. 2011, RAA 11, 445. (8b) A hadronic-dominated jet model for multi-wavelength emission.
	Zhang, S. et al. (6 authors) 2010, MNRAS 408, 642. (1x*, 5cg) Investigation of the hard x-ray spectral and timing properties.
V779 Cen (Cen X-3)	*Devasia, J. et al.* (4 authors) 2011, RAA 10, 1127. (1x*, 2dx*) Variations in the x-ray eclipse transitions.
V1065 Cen (Nova 2007)	*Helton, L.A. et al.* (17 authors) 2010, AJ 140, 1347. (2do, 5gh) Spectrophotometry of dusty nova.
NY Cep	*Albright, S. et al.* (5 authors) 2011, ApJ 727, 68. (2o) Spin-orbit alignment is essentially parallel.
TV Col	*Dai, Z. et al.* (4 authors) 2010, Ap&SS 330, 243. (1ao, 5ab) Cyclical period variation.
α Com	*Muterspaugh, M.W. et al.* (11 authors) 2010, AJ 140, 1623. (4b) Visual binary may eclipse in 2015.
12 Com	*Griffin, R.E.M., Griffin, R.F.* 2011, Astron. Nachr. 332, 105. (2aboo*, 5dh) Precise SB2 eccentric orbit solution of open cluster member; age and masses from comparison with evolutionary tracks.
V691 CrA (4U 1822−37)	*Jain, C., Paul, B., Dutta, A.* 2010, MNRAS 409, 755. (1x, 5abij) LMXB with sharp x-ray eclipses and NS pulsations; accurate determination of orbital and pulsation periods and period changes.
	Ji.,L. et al. (4 authors) 2011, ApJ 729, 102. (1x, 2x) X-ray line variations in LMXB.
SS Cyg	*Gaudenzi, S. et al.* (5 authors) 2011, A&A 525, A147. (2u*) Intrinsic source of reddening in the binary.
V407 Cyg	*Deguchi, S. et al.* (6 authors) 2011, PASJ 63, 309. (2ar) Time variations of SiO maser spectra.
	Shore, S.N. et al. (10 authors) 2011, A&A 527, A98. (1ao, 2a) Spectroscopic evolution of recurrent nova.
V490 Cygni	*Zasche, P., Wolf, M.* 2011, A&A 527, A43. (1ao, 1x, 5a) Shortest known apsidal-motion period.
V974 Cyg	*Volkova, N., Volkov, I.* 2011, IBVS No. 5976 (5abcf) Triple system with apsidal motion.
V1357 Cyg (Cyg X-1)	*Del Monte, E. et al.* (55 authors) 2010, A&A 520, A67. (2dgx, 5gi) A year-long AGILE observation of the HMXB in a hard spectral state.
	Petrucci, P.O. et al. (5 authors) 2010, A&A 522, A38. (8ab) Relevance of jet-emitting disc physics to microquasars: application to Cyg X-1.
	Wu, Y.X., Belloni, T.M., Stella, L. 2010, MNRAS 408, 2413. (7d) New algorithm for fitting the energy spectra of x-ray binaries; application to Cyg X-1.
V1521 Cyg (Cyg X-3)	*Aleksic, J. et al.* (159 authors) 2010, ApJ 721, 843. (1g) No very high energy emission observed during activity.
	Tsuboi, M. et al. (4 authors) 2010, PASJ 62, 1391. (1x) Millimeter LC in an outburst.
V2491 Cyg	*Suzuki, A., Shigeyama, T.* 2010, ApJ 723, L84. (8c) Model of Compton degradation of γ-ray line emission.
HR Del	*Friedjung, M., Dennefeld, M., Voloshina, I.* 2010, A&A 521, A84. (1aboi, 2co, 5i) Old nova.

RZ Dra	*Yang, Y.-G. et al.* (4 authors) 2010, AJ 140, 1687. (1ao, 5abc) Light-time indicates companion to near-contact EB.
KL Dra	*Ramsay, G. et al.* (9 authors) 2010, MNRAS 407, 1819. (1aoux, 2bc, 5cdgi) Multiwavelength observations through its outburst cycle.
TZ For	*Claret, A.* 2011, A&A 526, A157. (8ad) Study of stellar and tidal evolution.
UZ For	*Dai, Z.-B. et al.* (4 authors) 2010, MNRAS 409, 1195. (1ao, 5ab) Orbital period (O-C) analysis of magnetic CV inside the period gap.
63 Gem A	*Muterspaugh, M. et al.* (10 authors) 2010, AJ 140, 1646. (2a, 4b, 5e) Close companion to component of VB detected astrometrically and spectroscopically.
AM Her	*Sanad, M.R.* 2010, Ap&SS 330, 337. (2u*) Study of spectral behaviour. *Sriram, K., Choi, C.S., Rao, A.R.* 2011, A&A 525, A146. (2x, 5i) Anti-correlated hard x-ray lag.
DQ Her	*Bloemen, S. et al.* (4 authors) 2010, MNRAS 407, 1903. (2bc, 5dgi, 8a) Spiral density structure in the accretion disc.
EX Hya	*Pekön, Y., Balman, Ş.* 2011, MNRAS 411, 1177. (1x*, 5cgi, 8a) Orbital and spin phase-resolved spectroscopy.
Y Leo	*Turcu, V. et al.* (4 authors) 2011, Ap&SS 331, 105. (1ao, 5ac) Revised LC solution.
GW Lib	*Bullock, E. et al.* (17 authors) 2011, AJ 141, 84 (1aou, 2do, 5c) Monitoring after superoutburst.
DY Lyn	*Sekalska, J.D. et al.* (15 authors) 2010, IBVS No. 5954 (2a, 5d) Third component detected.
V344 Lyr	*Cannizzo, J.K. et al.* (5 authors) 2010, ApJ, 725, 1393. Kepler LC of SU UMa-type dwarf nova through 17 normal outbursts and 2 superoutbursts. (1o*, 5c).
AU Mon	*Djurašević, G. et al.* (4 authors) 2010, MNRAS 409, 329. (1ao, 5cei) Photometric study of interacting CB with massive AD around primary.
V396 Mon	*Liu, L. et al.* (7 authors) 2011, AJ 141, 44. (1ao, 5abc) Active overcontact W UMa-type star.
V582 Mon (KH 15D)	*Herbst, W. et al.* (7 authors) 2010, AJ 140, 2025. (1ao, 5i) Pre-main-sequence binary with circumbinary disk.
V640 Mon (HD 47129)	*Mahy, L. et al.* (16 authors) 2011, A&A 525, A101. (1ao) Probable existence of non-radial pulsations.
GR Mus (XB 1254−690)	*Mukherjee, A., Bhattacharyya, S.* 2011, MNRAS 411, 2717. (1x*, 5cegi, 8a) Timing and spectral study using new *RXTE* PCA data.
QV Nor (4U 1538−52)	*Rodes-Roca, J.J. et al.* (5 authors) 2011, A&A 526, A64. (2xc) Extended ionized region surrounding the NS.
V381 Nor (XTE J1550−564)	*Calvelo, D.E. et al.* (9 authors) 2010, MNRAS 409, 839. (1rx) Upper limits of radio flux in quiescence of BH binary.
RS Oph	*Osborne, J.P. et al.* (16 authors) 2011, ApJ 727, 124. (1x, 2x) Observational history following 2006 outburst.
V456 Oph	*Zasche, P., Wolf, M.* 2011, A&A 527, A43. (1ao, 1x, 5a) Second shortest known apsidal-motion period.
V577 Oph	*Creevey, O.L. et al.* (10 authors) 2010, Astron. Nachr. 331, 952. (2ao, 5de) Spectroscopic time series analysis of primary of eclipsing SB system.

V2672 Oph	*Munari, U. et al.* (4 authors) 2011, MNRAS 410, 525. (1ao, 2bc, 5cdg, 8a) Properties, evolution and morpho-kinematical modelling.
V1799 Ori	*Samec, R.G. et al.* (6 authors) 2010, Observatory 130, 364. (1aoi, 5abc) Spotted W UMa system.
II Peg	*Lindborg, M. et al.* (6 authors) 2011, A&A 526, A44. (2a) Doppler imaging of RS CVn binary. *Siwak, M. et al.* (8 authors) 2010, MNRAS 408, 314. (1ao, 5cegk) Analysis of MOST LCs.
β Per	*Yang, X.-J. et al.* (4 authors) 2011, RAA 11, 457. (1x, 2dx, 5h, 8b) X-ray observations at quiescent and flare phases.
AX Per	2010, CBET 2555 (1a, 2cd, 5g) Brightening of CV.
PS Per	*Yuan, J.-Z.* 2011, RAA 11, 191. (1ao, 5bc) First photometric analysis of LCs.
V963 Per (GSC 3355-0394)	*Samec, R.G. et al.* (8 authors) 2010, AJ 140, 1150. (1ao, 5abc) Spotted critical-contact system (Erratum 2010 AJ 140, 2145).
V384 Pup	*Dai, Z.-B. et al.* (4 authors) 2010, MNRAS 409, 1195. (1ao, 5ab) Orbital period (O-C) analysis of SW Sex-type nova-like system inside the period gap.
T Pyx	*Uthas, H., Knigge, C., Steeghs, D.* 2010, MNRAS 409, 237. (2ao, 5bcdeij) Improved system parameters and discussion of evolutionary aspects of recurrent nova.
CU Sge	*Nelson, R.H., Terrell, D., Gross, J.* 2011, IBVS No. 5970 (2a, 5bcd) Absolute dimensions.
QX Sge (PSR B1957+20)	*van Kerkwijk, M.H., Breton, R.P., Kulkarni, S.R.* 2011, ApJ 728, 95. (2ou) Study of a massive 'black-widow' pulsar.
V1223 Sgr	*Bednarek, W., Pabich, J.* 2011, MNRAS 411, 1701. (1gx, 5gi, 8a) X-ray and γ-ray emission from the binary.
V4580 Sgr (SAX J1808.4−3658)	*Morsink, S.M., Leahy, D.A.* 2011, ApJ 726, 56. (1x) Multi-epoch pulse shapes. *Wilkinson, T. et al.* (4 authors) 2011, MNRAS 410, 1513. (1x, 5cgi, 8a) Pulse-phase-resolved spectroscopy of continuum and reflection.
V4634 Sgr (GS 1826−238)	*Pinto, C. et al.* (4 authors) 2010, A&A 521, A79. (2dx, 5h) LMXB.
δ Sco	*Tycner, C. et al.* (6 authors) 2011, ApJ 729, L5. (4ci) Highly eccentric binary secondary component may collide with disk of primary.
U Sco	*Diaz, M.P. et al.* (5 authors) 2010, AJ 140, 1860. (2d, 5j) Spectral evolution and ejecta in 2010 outburst. *Kafka, S., Williams, R.* 2011, A&A 526, A83. (2a) Analysis of early outburst spectrum. *Mason, E., Gandhi, P.* 2011, Astron. Nachr. 332, 260. (2aco, 7a) ESO-VLT X-shooter multi-waveband spectrograph test measurements during late decline of recurrent nova outburst. *Schaefer, B.E. et al.* (15 authors) 2010, AJ 140, 925 (1abdo) Pre-eruption magnitude and 2010 eruption details.
V818 Sco (Sco X-1)	*Chang, H.-K., Liu, C.-Y., Chen, K.-T.* 2011, MNRAS 411, 427. (1x, 5ceg, 8a) Millisecond dips in the RXTE/PCA LC. *Lin, Y.-F. et al.* (4 authors) 2011, ApJ 726, 74. (1x*, 2x*) KHz QPO.
V1033 Sco (GRO J1655−40))	*Calvelo, D.E. et al.* (9 authors) 2010, MNRAS 409, 839. (1rx) Upper limits of radio flux in quiescence of BH binary.

V479 Sct (LS 5039)	*Sarty, G.E. et al.* (15 authors) 2011, MNRAS 411, 1293. (1ao, 2ab, 5abc-degj) Orbital and system parameters.
MT Ser	*Jones, D. et al.* (10 authors) 2010, MNRAS 408, 2312. (1o, 2o) Narrow-band imaging and high-resolution spectroscopy used for structure analysis of planetary nebula with CB central star.
NN Ser	*Beuermann, K. et al.* (13 authors) 2010, A&A 521, L60. (5ab) Two planets orbiting the recently formed post-common-envelope CB.
41 Sex	*Fekel, F.C., Williamon, M.H.* 2010, AJ 140, 1381. (2a, 5d) Detection of secondary.
DQ Tau	*Salter, D.M. et al.* (8 authors) 2010, A&A 521, A32. (1aoi, 4c) Star-star magnetic-reconnection events in the PMS CB.
FU Tau	*Stelzer, B. et al.* (4 authors) 2010, MNRAS 408, 1095. (1x, 2bc, 5cdegi, 8ac) A wide brown-dwarf binary.
V471 Tau	*Kundra, E., Hric, L.* 2011, Ap&SS 331, 121. (1ao, 5ab) Detection of third body.
V711 Tau	*Muneer, S. et al.* (5 authors) 2010, A&A 521, A36. (1bo, 2bo, 5ab) Orbital period modulation and spot activity in the RS CVn binary.
V725 Tau (1A 0535+262)	*Caballero, I. et al.* (5 authors) 2011, A&A 526, A131. (1x). Determination of geometry and beam pattern.
	Reynolds, M.T., Miller, J.M. 2010, ApJ 723, 1799. (2bx) Observation of highly ionized outflow.
PZ Tel	*Mugrauer, M. et al.* (4 authors) 2010, A&A 523, L1. (1ai, 4b, 6b) Direct detection of a substellar companion.
UX UMa	*Neustroev, V.V. et al.* (5 authors) 2011, MNRAS 410, 963. (2abc, 5degi, 8a) Dark spot, spiral waves and the SW Sextantis behaviour.
AA UMa	*Lee, J.W. et al.* (5 authors) 2011, PASP 123, 34. (1ao, 5abc) Contact binary with mass transfer and possible third component.
DW UMa	*Hoard, D.W. et al.* (9 authors) 2010, AJ 140, 1313. (1x, 2dx, 5i) First x-ray observations of an SW Sex-type CV.
γ^2 Vel	*Sushch, I., Hnatyk, B., Neronov, A.* 2011, A&A 525, A154. (8d) Stellar wind bubble.
AV Vel	*Ghoreyshi, S.M.R., Ghanbari, J., Salehi, F.* 2011, PASA 28, 38. (1ao*, 5cei) A LC analysis and derived configuration.
PU Vul	*Kato, M. et al.* (4 authors) 2011, ApJ 727, 72. (1u*o*) LC model of nova with long flat peak gives distance of 3.8 kpc.
QQ Vul	*Sanad, M.R.* 2010, Ap&SS 330, 337. (2u*) Study of spectral behavior.

HR, HD, HDE, BD, CoD, CPD, SAO Objects

HR 2896	*Muterspaugh, M. et al.* (10 authors) 2010, AJ 140, 1646. (2a, 4b, 5e) Close companion to component of VB detected astrometrically and spectroscopically.
HR 4089 (HD 90264)	*Quiroga, C., Torres, A.F., Cidale, L.S.* 2010, A&A 521, A75. (2ao, 3b, 5dek) Chemically peculiar double-lined SB.
HD 434	*Fekel, F.C., Williamon, M.H.* 2010, AJ 140, 1381. (2a, 5d) Detection of secondary.
HD 47129	(see V640 Mon)

HD 90264	(see HR 4089)
HD 101794	*Drobek, D. et al.* (4 authors) 2010, Astron. Nachr. 331, 1077. (1ao, 5c) Photometric study of EB with pulsating β Cep component.
HD 101838	*Drobek, D. et al.* (4 authors) 2010, Astron. Nachr. 331, 1077. (1ao, 5c) Photometric study of EB with pulsating β Cep component.
HD 186943 (WR 127)	*de la Chevrotière, A., Moffat, A.F.J., Chené, A.-N.* 2011, MNRAS 411, 635. (2abc, 5degi, 8a) Spectroscopic study.
BD +53°2790 (4U 2206+54)	*Wang, W.* 2010, A&A 520, A22. (2dx) Hard x-ray outburst in HMXB.
BD −15°2429 (ASAS J082552−1622.8)	*Hełminiak, K.G., Konacki, M.* 2011, A&A 526, A29. (1ao, 2a) Orbital and physical parameters.
CPD −63°2495 (PSR B1259−63)	*Kerschhaggl, M.* 2011, A&A 525, A80. (2x, 2g) Study of TeV flux modulation.

X-ray sources with constellation names

Cen X-3	(see V779 Cen)
Cyg X-1	(see V1357 Cyg)
Cyg X-3	(see V1521 Cyg)
Sco X-1	(see V818 Sco)

Objects with names including RA and DEC

IGR J00291+5934	*Hartman, J.M., Galloway D.K., Chakrabarty, D.* 2011, ApJ 726, 26. (1x, 2x*, 8a) Double outburst in 2008.
SDSS J003941.06+005427.5	*Southworth, J. et al.* (5 authors) 2010, A&A 524, A86. (1a, 2a, 5i) Slingshot prominence in CV?
XMMU J004215.8+411924	*Barnard, R. et al.* (5 authors) 2011, A&A 526, A50. (2x) Observations of the recurrent M 31 transient.
XMMU J004814.0−732204	*Sturm, R. et al.* (15 authors) 2011, A&A 527, A131. (1ao, 2x) New Be/x-ray binary pulsar.
IGR J01054−7253	*Townsend, L.G. et al.* (14 authors) 2011, MNRAS 410, 1813. (1aoix, 2bc, 5abcdeg) Orbital solution and spectral classification.
IGR J01363+6610	*Tomsick, J.A. et al.* (6 authors) 2011, ApJ 728, 86. (1x, 2x) Be HMXB was identified in the Integral field and observed.
4U 0142+61	*Enoto, T. et al.* (7 autohrs) 2011, PASJ 63, 387. (2dx) Soft and hard x-ray emission components.
2MASS J03195975+5719096	*Solovyov, V., Samokhvalov, A., Satovskiy, B.* 2011, IBVS No. 5961 (5ab, 6bd) New short-period eclipsing RS CVn variable.
2MASS J03200502+5707320	*Solovyov, V., Samokhvalov, A., Satovskiy, B.* 2011, IBVS No. 5961 (5ab, 6bd) New short-period eclipsing RS CVn variable.
GALEX J0321+4727	*Kawka, A. et al.* (5 authors) 2010, MNRAS 408, 992. (1aiu, 2abc, 5abcdeg, 6b) Discovery of a new hot, hydrogen-rich subdwarf (sdB) in CB.
2MASS J04414489+2301513	*Adame, L. et al.* (9 authors) 2011, ApJ 726, L3. (2i, 5i) Brown dwarf binary observations.

ASAS J045304−0700.4	*Hełminiak, K.G., Konacki, M.* 2011, A&A 526, A29. (1ao, 2a) Orbital and physical parameters.
OGLE J053448.26−694236.4 (LMC-SC1-105)	*Bonanos, A.Z.. et al.* (4 authors) 2011, ApJ 729, L9. (1a, 2a, 5) Distance to O-type EB in LMC determined.
1A 0535+262	(see V725 Tau)
IGR J06074+2205	*Reig, P., Zezas, A., Gkouvelis, L.* 2010, A&A 522, A107. (1ao, 2bo, 5k) Optical counterpart is a Be/XB showing disc loss and V/R variability.
Hess J0632+057	*Aragona, K., McSwain, M.V., De Becker, M.* 2010, ApJ 724, 306. (2co) Testing whether HD 259440 is the optical counterpart.
1RXS J070407.9+262501	*Patterson, J. et al.* (13 authors) 2011, PASP 123, 130. (1ao, 2ado, 5cd) Rapidly oscillating CV.
ASAS J082552−1622.8	(see BD −15°2429)
2S 0918−549	*Zhong, J., Wang, Z.* 2011, ApJ 729, 8. (1ao) 17.4-minute period for ultracompact LMXB.
SDSS J0926+3624	*Copperwheat, C.M. et al.* (15 authors) 2011, MNRAS 410, 1113. (1aoux, 5abcegi, 8a) The shortest-period EB star.
ASAS J093814−0104.4	*Hełminiak, K.G. et al.* (11 authors) 2011, A&A 527, A14. (1ao, 2a, 5e) Comparison with low-mass models.
FIRST J102347.6+003841	*Archibald, A.N. et al.* (7 authors) 2010, ApJ 722, 88. (2cx) Observation of both orbital and rotational x-ray pulsations. *Tam, P.H.T. et al.* (9 authors) 2010, ApJ 724, L207. (2cg) Evidence of γ-ray emission.
1A 1118−615	*Lin, L.C.-C. et al.* (4 authors) 2010, MNRAS 409, 1127. (1x, 5i) *Swift* observations of outburst and flare activity of high-mass Be/x-ray binary with accreting NS. *Nespoli, E., Reig, P.* 2011, A&A 526, A7. (2x) QPOs in x-ray pulsar. *Staubert, R. et al.* (7 authors) 2011, A&A 527, A7. (1x) Period determination.
XB 1254−690	(see GR Mus)
PSR B1259−63	(see CPD −63°2495)
XB 1323−619	*Balman, S.* 2010, MNRAS 407, 1895. (1x*, 2d, 5cdgi, 8a) Detection of a reflection region in the disc.
LSPM 1459+0857 AB	*Day-Jones, A.C. et al.* (14 authors) 2011, MNRAS 410, 705. (1ao, 2bc, 5cdeg, 6b) Discovery of a T-dwarf + white-dwarf binary system.
4U 1538−52	(see QV Nor)
SDSS J154453.60+255348.8	*Skinner, J.N. et al.* (4 authors) 2011, PASP 123, 259. (1ao, 2ado, 5cd) New CV with AD and M-type companion.
1E 1547.0−5408	*Ng.,C.-Y. et al.* (9 authors) 2011, ApJ 729, 131. (1x, 2x) Comparing 2008 and 2009 outbursts.
XTE J1550−564	(see V381 Nor)
PSR J1614−2230	*Demorest, P.B. et al.* (5 authors) 2010, Nature 467, 1081. (r) A 2 solar-mass NS measured using Shapiro delay in the binary millisecond PSR.
RX J1622.7−2325 NW	*Rosero, V. et al.* (4 authors) 2011, AJ 141, 13. (2ai, 5d, 6b) Pre-main-sequence SB2.
2MASS J16260329−2417464	*Rosero, V. et al.* (4 authors) 2011, AJ 141, 13. (2ai, 5d, 6b) Pre-main-sequence SB2.
IGR J16283−4838	*Pellizza, L.J., Chaty, S., Chisari, N.E.* 2011, A&A 526, A15. (1aoi, 6c) Highly absorbed HMXB.

4U 1636−53	(see V801 Ara)
CXOU J164710.2−455216	*Woods, P.M. et al.* (4 authors) 2011, ApJ 726, 37. (1x, 2x) 2006 outburst of a magnetar.
IGR J16479−4514	*Romano, P. et al.* (13 authors) 2011, MNRAS 410, 1825. (1uox, 5cgi, 8a) Results from two years of Swift monitoring.
XTE J1652−453	*Hiemstra, B. et al.* (6 authors) 2011, MNRAS 411, 137. (2cdx, 5cdgi, 8ac) A strong and broad Fe line in the spectrum.
GRO J1655−40	(see V1033 Sco)
XTE J1701−462	*Sanna, A. et al.* (9 authors) 2010, MNRAS 408, 622. (1x*, 5cgi, 8a) The kilohertz QPOs during the Z and atoll phases.
PSR J1713+0747	*Chen, W.-C., Panei, J.A.* 2011, A&A 527, A128. (8c) Investigation on the progenitor of binary radio pulsar.
IGR J17252−3616	*Manousakis, A., Walter, R.* 2011, A&A 526, A62. (2x) X-ray wind tomography of HMXB.
4U 1728−34	*Galloway, D.K. et al.* (5 authors) 2010, ApJ 724, 417. (2cx) Suggest that this is an ultracompact binary.
1RXS J173006.4+033813	*Bhalerao, V.B., van Kerkwijk, M.H., Harrison, F.A.* 2010, ApJ 721, 412. (1aio, 2ciou, 5bde, 6b) Discovery of a new CV.
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IGR J17391−3021	*Bodaghee, A. et al.* (7 authors) 2011, ApJ 727, 59. (1x, 2x) Weak flares in low activity state.
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IGR J17544−2619	*Romano, P. et al.* (13 authors) 2011, MNRAS 410, 1825. (1uox, 5cgi, 8a) Results from two years of Swift monitoring.
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SAX J1808.4−3658	(see V4580 Sgr)
4U 1822−371	(see V691 CrA)
PSR J1824−2452H	*Pallanca, C. et al.* (10 authors) 2010, ApJ 725, 1165. (1auo) Variability of suggested optical counterpart consistent with PSR data.
GS 1826−238	(see V4634 Sgr)
4U 1901+03	*James, M. et al.* (4 authors) 2011, MNRAS 410, 1489. (1x, 5ceg) Detection of x-ray flares, a broadening of the pulse-frequency feature and (QPOs).
SDSS J190817.07+394036.4 (KIC 004547333)	*Fontaine, G. et al.* (28 authors) 2011, ApJ 726, 92. (1o, 2o, 6b) Discovery of new AM CVn system with Kepler.
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GSC 3355-0394	(see V963 Per)
GSC 5740-02196	*Higgins, D.* 2010, Southern Stars 49, 4. (1ao, 6b) Discovery of a new EB.
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KIC 004547333	(see SDSS J190817.07+394036.4)
KIC 02991403	*Kawaler, S.D. et al.* (17 authors) 2010, MNRAS 409, 1509. (1ao, 2aob) Analysis of *Kepler* data of hot subdwarf B binary with non-radial g-mode pulsations and reflection effect.
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KID 9597095	*Howell, S.B. et al.* (9 authors) 2010, ApJ 725, 1633. (1o*, 5c, 6b) Kepler observations of prelaunch exoplanet candidate show it to be an EB.
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M31N 2010-10c	2010, CBET 2500 (1a, 4a, 6b) Discovery of possible nova in M31.
M31N 2010-10d	2010, CBET 2516/2571 (1a, 4a, 6b) Discovery of possible nova in M31.
M31N 2010-10e	2010, CBET 2573 (1a, 4a, 6b) Discovery of possible nova in M31.
M31N 2010-12a	2010, CBET 2574 (1a, 4a, 6b) Discovery of possible nova in M31.
M31N 2010-12b	2010, CBET 2582 (1a, 4a, 6b) Discovery of possible nova in M31.
M31N 2010-12c	2010, CBET 2594/2597 (1a, 4a, 6b) Discovery of possible nova in M31. 2010, CBET 2610 (1a, 4a) Confirmed different object from M31N 2010-01a.
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M33N 2010-11a	2010, CBET 2559 (1a, 4a, 6b) Discovery of possible nova in M33.
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SS 433	(see V1343 Aql)
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