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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

PQ And	*Patterson, J. et al.* (5 authors) 2005, PASP 117, 922. (1oi, 4a) Non-radial pulsation in WZ Sge-type system. *Vanlandingham, K.M., Schwarz, G.J., Howell, S.B.* 2005, PASP 117, 928. (1ao) Non-radial pulsations in WZ Sge-type system.
R Aqr	*Yang, H.-J. et al.* (4 authors) 2005, A&A 435, 207. (1o*, 5j) Korean nova records from AD 1073 and AD 1074.
AE Aqr	*Abada-Simon, M. et al.* (16 authors) 2005, A&A 433, 1063. (2dir, 5ig) CV. *Meintjes, P.J., Venter, L.A.* 2005, MNRAS 360, 573. (1ai, 1r, 5bcdegij, 8abd) Investigation of the propeller mechanism.
V603 Aql	*Mukai, K., Orio, M.* 2005, ApJ 622, 602. (2cx) Find a high plasma density and compact emission region.
V1331 Aql	*Lorenz, R., Mayer, P., Drechsel, H.* 2005, MNRAS 360, 915. (1ao, 2a, 5abcdeg) Photometric and spectroscopic study.
V1343 Aql (SS 433)	*Aharonian, F. et al.* (53 authors) 2005, A&A 439, 635. (1g) TeV γ-ray observations. *Blundell, K.M., Bowler, M.G.* 2005, ApJ 622, L129. (2co*) Anticorrelation with jet speed and precession cone angle. *Chakrabarti, S.K.* 2005, Bull. Astron. Soc. India 33, 109. (1iorx, 2o) Summary of a multiwavelength campaign from radio to x-ray. *Cherepashchuk, A.M. et al.* (21 authors) 2005, A&A 437, 561. (1ao, 1ax, 5j) Coordinated optical/x-ray observations. *Migliari, S. et al.* (5 authors) 2005, MNRAS 358, 860. (1ax, 5cg, 8ac) Rapid variability of x-ray jets. *Moldowan, A., Safi-Harb, S.* 2005, JRASC 99, 141. (1x, 5i, 10a) *Nandi, A. et al.* (4 authors) 2005, MNRAS 359, 629. (1bx, 2c, 5cg) x-ray observation with RXTE.
V1405 Aql (4U 1915−05)	*Šimon, V.* 2005, A&A 436, 263. (2x*, 5j) Analysis of long-term x-ray activity.
V1487 Aql (GRS 1915+105)	*Zdziarski, A.A. et al.* (5 authors) 2005, MNRAS 360, 825. (1abx, 2cgi) Study of radiative processes and energy-dependent variability.
V1494 Aql	*Kamath, U.S. et al.* (5 authors) 2005, MNRAS 361, 1165. (2abcdio, 5ghk) Optical and near-infrared spectroscopy. *Eyres, S.P.S. et al.* (6 authors) 2005, MNRAS 358, 1019. (1r, 2bc, 5cgj, 8a) Mass outflow and inclined rings in the ejecta.
V1663 Aql	2005, IAU Circ. 8540 (1c, 4a, 6b) Possible new nova. 2005, IAU Circ. 8542 (10b) Actually a USNO-B1.0 star. 2005, IAU Circ. 8544 (2c) Designation of a peculiar nova.
V539 Ara	*Wolf, M., Zejda, M.* 2005, A&A 437, 545. (1bo, 5af)
V821 Ara (GX 339-4)	*Belloni, T. et al.* (8 authors) 2005, A&A 440, 207. (1x, 2x) *Homan, J. et al.* (6 authors) 2005, ApJ 624, 295. (2ciox) Two patterns of X-ray-optical/near infrared behaviour.
α Aur	*Kraus, S. et al.* (14 authors) 2005, AJ 130, 246. (4ci) Infrared aperture synthesis with IOTA interferometer.
12 Boo	*Boden, A.F., Torres, G., Hummel, C.A.* 2005, ApJ 627, 464. (2a, 4a, 5e, 8c)

CK Boo	*Kalci, R., Derman, E.* 2005, Astron. Nachr. 326, 342. (1bo, 5bce) W UMa system with mass ratio 0.12.
Z Cam	*Hartley, L.E. et al.* (4 authors) 2005, ApJ 623, 425. (2cu, 5h) Observed in quiescence and standstill.
BQ Cam	*Baykal, A., Kiziloglu, U., Kiziloglu, N.* 2005, IBVS 5615. (1a) Optical observations using ROTSE3d.
HT Cam	*de Martino, D. et al.* (8 authors) 2005, A&A 437, 935. (1ax, 1ao) Confirmed polar CV. *Evans, P.A., Hellier, C.* 2005, MNRAS 359, 1531. (1aoux, 5cgi) The simplest intermediate polar spin pulse.
SY Cnc	*Smith, R.C. et al.* (4 authors) 2005, MNRAS 360, 364. (1aio, 2ab, 5abcdeg) Spectroscopic and photometric study.
GW Cnc	*Terrell, D., Gross, J., Cooney, W.R.* 2005, IBVS 5625. (1a, 5c) W-type W UMa System with complete eclipses.
HL CMa	*Sheets, H.A., Thorstensen, J.R.* 2005, PASP 117, 741. (2ado)
DF CVn	*Acerbi, F., Barani, C., Martignoni, M.* 2005, Astron. Nachr. 326, 338. (1ao, 5ace) Spotted W UMa system.
DK CVn	*Terrell, D. et al.* (10 authors) 2005, IBVS 5642. (1a, 5a) Variability in strongly interacting binary.
Y Car	*Evans, N.R. et al.* (5 authors) 2005, AJ 130, 789. (2au) Rapid RV change of companion to double-mode Cepheid indicates companion itself is double.
AO Cas	*Arias, M.L. et al.* (4 authors) 2005, PASP 117, 730. (2du, 5gj) Discrete absorption features from escaping material.
V635 Cas	*Baykal, A. et al.* (5 authors) 2005, A&A 439, 1131. (1ao, 1x) Outburst correlation.
V664 Cas	*Exter, K.M. et al.* (5 authors) 2005, MNRAS 359, 315. (1aio, 2abc, 5abcdeg) Spectroscopic and photometric study.
V705 Cas	*Evans, A. et al.* (6 authors) 2005, MNRAS 360, 1483. (1ai, 5cgi, 8b) Infrared spectroscopy and closer look at the dust.
V723 Cas	*Heywood, I. et al.* (5 authors) 2005, MNRAS 362, 469. (1r, 5ceg) Analysis of *MERLIN* observations.
MP Cen	*Terrell, D. et al.* (4 authors) 2005, MNRAS 360, 583. (1aio, 2ab, 5abcdegk) Spectroscopic and photometric study.
V1047 Cen	2005, IAU Circ. 8596 (1c, 2c, 4a, 6b) New classical nova.
CQ Cep	*Villar-Sbaffi, A. et al.* (4 authors) 2005, ApJ 623, 1092. (3ao, 5cdj) Polarimetric detection of wind-wind interaction.
EG Cep	*Erdem, A. et al.* (6 authors) 2005, Astron. Nachr. 326, 332. (1bo, 5bc)
V371 Cep	*Gondoin, P.* 2005, A&A 438, 291. (1x, 6c) XR Detection of NGC 188 member.
V372 Cep	*Gondoin, P.* 2005, A&A 438, 291. (1x, 6c) XR Detection of NGC 188 member.
V691 CrA (2A 1822−371)	*Hutchings, J.B. et al.* (5 authors) 2005, AJ 130, 210. (2adu, 5gi)
σ^2 CrB	*Suh, J.A. et al.* (4 authors) 2005, ApJ 630, 1074. (1x, 2x)
TV Crv	*Uemura, M. et al.* (12 authors) 2005, A&A 432, 261. (1a, 5i) Dwarf nova, superhump period, disk instability model.
BP Cru	*La Barbera, A. et al.* (5 authors) 2005, A&A 438, 617. (2cx) Spectral

(GX 301-2)	variability.
BR Cyg	*Terrell, D., Gross, J.* 2005, IBVS 5646. (1a, 5c) Partial primary eclipses.
KR Cyg	*Sipahi, E.* 2005, IBVS 5635. (1b, 5b) 2004 UBVR photometry.
V346 Cyg	*Kim, S.-L. et al.* (5 authors) 2005, IBVS 5628. (1a, 5c, 6b) Short-periodic pulsating component.
V387 Cyg	*Manimanis, V.N., Niarchos, P.G.* 2005, IBVS 5624. (1a, 5a) First CCD BVRI LC.
V1357 Cyg (Cyg X-1) (HDE 226868)	*Axelsson, M., Borgonovo, L., Larsson, S.* 2005, A&A 438, 999. (1x*, 2x*, 5i) *Gallo, E. et al.* (7 authors) 2005, Nature 436, 819. (1r, 5ij) A dark jet dominates the power output of the stellar BH. *Lachowicz, P., Czerny, B.* 2005, MNRAS 361, 645. (1bx*, 5bcgi) Wavelet analysis of millisecond variability. *Zhang, M.-X., Qu, J.-L.* 2005, Chinese Astron. Ap. 29, 131. (8) Properties of x-ray short bursts (shots) in the high state. *Zioólkowski, J.* 2005, MNRAS 358, 851. (1x*, 5eg, 8ac) Modelling the evolution.
V1521 Cyg (Cyg X-3)	*Martí, J. et al.* (5 authors) 2005, A&A 439, 279. (1r*) Hot spots excited by relativistic jets.
V1974 Cyg	*Sala, G., Hernanz, M.* 2005, A&A 439, 1057. (1x*, 8c) *Vanlandingham, K.M. et al.* (5 authors) 2005, ApJ 624, 914. (2bo*u*, 5hj) Physical parameters and new elemental abundances.
V2361 Cyg	2005, IAU Circ. 8511 (1a) Magnitudes of nova. 2005, IAU Circ. 8524 (2ci) Spectroscopic features. 2005, IAU Circ. 8529 (2ci)
AV Del	*Mader, J.A. et al.* (4 authors) 2005, AJ 130, 234. (1ao, 2ao, 5abcde)
YY Dra	*Hoard, D.W. et al.* (4 authors) 2005, AJ 130, 214. (2du, 5gi)
EV Dra	*Fekel, F.C., Henry, G.W., Lewis, C.* 2005, AJ 130, 794. (1bo, 2ao, 5cde)
U Gem	*Naylor, T., Allan, A., Long, K.S.* 2005, MNRAS 361, 1091. (2abc, 5deg) Determination of masses, radii and luminosities.
68u Her	*Hilditch, R.W.* 2005, Observatory 125, 72. (1*, 2a, 5cde)
AM Her	*Kafka, S. et al.* (4 authors) 2005, AJ 129, 2411. (1ao, 5i) Flares in low state.
HS Her	*Colak, T., Muyesseroglu, Z.* 2005, IBVS 5619. (5abf) No third body in this EB.
HZ Her (Her X-1)	*İnam, S.C., Baykal, A.* 2005, MNRAS 361, 1393. (1bx, 2cd, 5cg) X-ray spectral evolution. *Jimenez-Garate, M.A. et al.* (4 authors) 2005, ApJ 625, 931. (2bx, 5i) Extended AD corona, density measurement, CNO abundances. *Leahy, D.* 2005, JRASC 99, 139. (1r, 8b, 10a)
V660 Her	*Olech, A. et al.* (6 authors) 2005, Acta Astronomica 55, 237. (1a, 5b, 6d) CCD photometry of dwarf nova.
V857 Her	*Qian, S.-B. et al.* (6 authors) 2005, AJ 130, 1206. (1ao, 5abc) Lowest mass ratio for over-contact system.
TT Hya	*Budaj, J., Richards, M.T., Miller, B.* 2005, ApJ 623, 411. (2co*, 8b) Synthetic and observed H alpha spectra.

EX Hya	*Belle, K.E. et al.* (8 authors) 2005, AJ 129, 1985. (1box, 2ado, 5i) Simultaneous x-ray and optical observations of IP; extended bulge on accretion disk. *Hoogerwerf, R., Brickhouse, N.S., Mauche, C.W.* 2005, ApJ 628, 946. (1x, 5i)
VW Hyi	*Godon, P., Sion, E.M.* 2005, MNRAS 361, 809. (1au, 5egik) The boundary layer luminosity in quiescence.
BS Ind	*Guenther, E.W. et al.* (5 authors) 2005, A&A 433, 629. (6b) Triple system.
IL Lac	*Agerer, F., Berthold, T.* 2005, IBVS 5621. (1a, 5ab) EB with displaced secondary minimum.
DG Leo	*Lampens, P. et al.* (10 authors) 2005, A&A 438, 201. (1bo, 5g) Multisite campaign.
FH Leo	*Dall, T.H. et al.* (4 authors) 2005, A&A 438, 317. (2ao, 2c) Misclassication as novalike.
ϵ Lup	*Uytterhoeven, K. et al.* (4 authors) 2005, A&A 440, 249. (2ao, 5bf) β Cep component.
GG Lup	*Wolf, M., Zejda, M.* 2005, A&A 437, 545. (1bo, 5af)
GQ Lup	*Neuhäuser, R.* 2005, Sterne und Weltraum 9/2005, 24. (4bci) Companion is a brown dwarf or planet?
β Lyr	*Skulsky, M., Plachinda, S.* 2005, KFNT Suppl. 237 (2c) Magnetic field of β Lyr.
MV Lyr	*Linnell, A.P. et al.* (7 authors) 2005, ApJ 624, 923. (2cou*,5i) Observed in low,intermediate and high states.
AR Mon	*Williamon, R.M. et al.* (5 authors) 2005, AJ 129, 2798. (1bo, 2a, 5cde)
KQ Mon	*Schmidtobreick, L. et al.* (4 authors) 2005, IBVS 5627. (2a, 5d) Orbital period of 3.08 h.
V578 Mon	*Pavlovski, K., Hensberge, H.* 2005, A&A 439, 309. (2co*, 5h)
V838 Mon	*Banerjee, D.P.K. et al.* (4 authors) 2005, ApJ 627, L141. (2i) Water lines in nova. *Carlqvist, P.* 2005, A&A 436, 231. (5i, 8b) Model of double helix structure in nova. *Deguchi, S.* 2005, PASJ 57, L25. (2cr) Detection of SiO maser emission. *Tylenda, R.* 2005, A&A 436, 1009. (5ac) Nova evolution. (1bo, 5af)
TV Mus	*Qian, S.-B. et al.* (6 authors) 2005, AJ 130, 224. (1ao*, 5abc)
V382 Nor	2005, IAU Circ. 8497 (1ac, 2c, 4a, 6b) New nova. 2005, IAU Circ. 8495 (1d, 4a)
V2301 Oph	*Reynolds, A.P. et al.* (7 authors) 2005, A&A 435, 225. (1o) AM Her system.
V2540 Oph	*Ak, T., Retter, A., Liu, A.* 2005, Publ. Astron. Soc. Australia 22, 298. (Nova 2002) (1ao) Determination of the orbital period and estimation of some other quantitites.
V1647 Ori	2005, IAU Circ. 8600 (2c) Long outburst.
IP Peg	*Saito, R.K., Baptista, R., Horne, K.* 2005, A&A 433, 1085. (2du, 5g) Dwarf nova.
GK Per (Nova 1901)	*Balman, S.* 2005, ApJ 627, 933. (2x) Shell observations. *Vrielmann, S., Ness, J.-U., Schmitt, J.H.M.M.* 2005, A&A 439, 287. (2cx) X-ray source model.

IK Per	*Zhu, L.-Y. et al.* (4 authors) 2005, AJ 129, 2806. (1ao, 5bc) Over-contact system.
IU Per	*Kim, S.-L. et al.* (5 authors) 2005, IBVS 5629. (1a, 5c, 6b) Short-periodic pulsating component.
XY Pic	*Dall, T. H.* 2005, IBVS 5617. (2b) Detached binary misclassified as W UMa system.
UV Psc	*Rao, P.V., Pendharkar, J.K.* 2005, Ap&SS 298, 461. (5cde)
V Pup	*Ashok, N.M.* 2005, Bull. Astron. Soc. India 33, 75. (2ci) A prospective candidate for the helium nova.
V574 Pup	*Siviero, A., Munari, U., Jones, A.F.* 2005, IBVS 5638. (1a, 2d, 6d) Spectrophotometry and LC of Nova Pup 2004.
WX Pyx	*Schlegel, E.M.* 2005, A&A 433, 635. (2dx) IP.
FN Sgr	*Brandi, E. et al.* (7 authors) 2005, A&A 440, 239. (1ao, 2ao, 5e)
V526 Sgr	*Wolf, M., Zejda, M.* 2005, A&A 437, 545. (1bo, 5af)
V4332 Sgr	*Banerjee, D.P.K.* 2005, Bull. Astron. Soc. India 33, 81. (2cio) Causes of an outburst of this peculiar nova. *Tylenda, R. et al.* (4 authors) 2005, A&A 439, 651. (1ao, 2c) Stellar merger scenario.
V4641 Sgr (XTE J1819−254)	*Uemura, M. et al.* (19 authors) 2005, IBVS 5626. (1a, 6d) Outburst of BH x-ray binary in July 2004.
V5115 Sgr	2005, IAU Circ. 8500 (1c, 4a, 6b) Possible new nova. 2005, IAU Circ. 8501 (2c, 4a) Confirmed nova. 2005, IAU Circ. 8502 (1d) Designation. 2005, IAU Circ. 8523 (2c) Nova spectroscopic features.
V5116 Sgr	2005, IAU Circ. 8559 (1ac, 2c, 4a, 6b) Possible new nova. 2005, IAU Circ. 8561 (1d) Designation and magnitudes. 2005, IAU Circ. 8579 (1d, 2ci)
μ^1 Sco	*Arias, M.L. et al.* (4 authors) 2005, PASP 117, 730. (2du, 5gj) Discrete absorption features from escaping material absent.
V818 Sco (Sco X-1)	*McNamara, B.J. et al.* (6 authors) 2005, ApJ 623, 1070. (1bo) Relation between mass accretion rate and Johnson B.
V884 Sco (4U 1700−37)	*van der Meer, A. et al.* (7 authors) 2005, A&A 432, 999. (2dx) HMXB.
V1034 Sco	*Bouzid, M.Y., Sterken, C., Pribulla, T.* 2005, A&A 437, 769. (1ao, 2a*, 5e)
V1187 Sco	2005, IAU Circ. 8525 (2ci) Spectroscopic features of nova.
V1188 Sco	2005, IAU Circ. 8574 (1a, 4a, 6b) Possible new nova. 2005, IAU Circ. 8575 (1d, 2ci) Spectroscopic features. 2005, IAU Circ. 8576 (2c) Designation of classical nova. 2005, IAU Circ. 8581 (1d)
RY Sct	*Men'shchikov, A., Miroshnichenko, A.* 2005, JRASC 99, 131. (8b, 10a)
V475 Sct	*Morgan, G.E. et al.* (4 authors) 2005, PASP 117, 938. (1o*, 2cd, 5j)
V378 Ser	2005, IAU Circ. 8505 (1c, 4a, 6b) Possible new nova. 2005, IAU Circ. 8506 (1a, 2c) Designated and confirmed nova. 2005, IAU Circ. 8509 (1d) 2005, IAU Circ. 8527 (2ci) Spectroscopic features. 2005, IAU Circ. 8529 (2ci)
CU Tau	*Qian, S.-B. et al.* (6 authors) 2005, AJ 130, 224. (1ao, 5abc)

V471 Tauri — *İbanoğlu, C. et al.* (4 authors) 2005, MNRAS 360, 1077. (1bou, 5abceg) Photometric study.

δ Vel — *Petr-Gotzens, M.G. et al.* (4 authors) 2005, Astron. Nachr. 326, 569. (4bc) Multiple system containing the most luminous EB.

AO Vel — *Wolf, M., Zejda, M.* 2005, A&A 437, 545. (1bo, 5af)

ER Vul — *Shkolnik, E. et al.* (5 authors) 2005, AJ 130, 799. (2ad, 5g) CaII emission in RS CVn system.

V407 Vul (RX J0806.3+1527) — *Strohmayer, T.E.* 2005, ApJ 627, 920. (1x, 2x) Frequency increase evidence for gravitational radiation.

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

HD 34700 — *Sterzik, M.F. et al.* (4 authors) 2005, A&A 434, 671. (2ob, 5k) T Tauri multiple system.

HD 93161 — *Nazé, Y. et al.* (5 authors) 2005, MNRAS 359, 688. (2abcox, 5abdeg) Spectroscopic study and orbital parameters.

HD 95559 — *Pandey, J.C. et al.* (4 authors) 2005, AJ 130, 1231. (1ao, 2x, 5g) Chromospherically active binary, discussed together with two active single stars.

HD 192641 — *Lefèvre, L. et al.* (15 authors) 2005, MNRAS 360, 141. (2abco, 5abdegh) Spectroscopic study and orbital parameters.

HDE 226868 — (see V1357 Cyg)

HDE 232486 (HIP 7666) — *Escolà-Sirisi, E. et al.* (7 authors) 2005, A&A 434, 1063. (1ao) δ Scuti star in eclipsing system.

HDE 284414 — *Tomkin, J.* 2005, Observatory 125, 232. (2a, 5d) Hyades SB2.

X-ray sources with constellation names

Cen X-1 — *Hernandez, J.I.G. et al.* (7 authors) 2005, ApJ 630, 495. (2c, 5h) Secondary star of neutron star binary.

Cyg X-1 — (see V1357 Cyg)

Cyg X-3 — (see V1521 Cyg)

Her X-1 — (see HZ Her)

Sco X-1 — (see V818 Sco)

Object names including RA and DEC

PSR J0024−7204W (in 47 Tuc) — *Bogdanov, S., Grindley, J.E., van den Berg, M.* 2005, ApJ 630, 1029. (1a, 2x) Possible link between LMXRB's and MS Pulsars.

IGR J00291+5934 — *Galloway, D.K. et al.* (5 authors) 2005, ApJ 622, L45. (2cx) Discovery of accretion powered pulsar.
Jonker, P.G. et al. (8 authors) 2005, MNRAS 361, 511. (1ax, 5cgi) Analysis of *Chandra* observations.
Shaw, S.E. et al. (11 authors) 2005, A&A 432, L13. (2dx, 5i) Comptonised accreting ms pulsar?

Hα0242−2802 — *Mason, E., Howell, S.B.* 2005, A&A 439, 301. (2aco, 5bj)

V0332+53	*Zhang, S. et al.* (4 authors) 2005, ApJ 630, L65. (1x) Recovery of the orbital parameters and pulse evolution during outburst.
RXJ 0502.8+1624	*Littlefair, S.P., Dhillon, V.S., Martín, E.L.* 2005, A&A 437, 637. (2ci) Polar type CV.
RX J0513.9−6951	*Hutchings, J.B. et al.* (5 authors) 2005, AJ 129, 2792. (2du, 5i) FUSE observations.
IRAS 05361+3539 (G173.58+2.45)	*Varricatt, W.P., Davis, C.J., Adamson, A.J.* 2005, MNRAS 359, 2. (1ai, 5cgj, 8b) Multiple star formation.
A0620−00	*Hynes, R.I., Robinson, E.L., Bitner, M.* 2005, ApJ 630, 405. (8a) Observational constraints on cool disk material in quiescent black hole binaries.
J0737−3039	*Podsiadlowski, Ph. et al.* (6 authors) 2005, MNRAS 361, 1243. (5g, 8ac) Testing the neutron star equation of state.
PSR J0737−3039A	*Coles, W.A. et al.* (5 authors) 2005, ApJ 623, 392. (2cr) Constraint on inclination from scintillation near eclipse.
PSR J0737−3039B	*Burgay, M. et al.* (15 authors) 2005, ApJ 624, L113. (2cr, 5f) Long-term variations in pulse emissions.
RX J0806.3+1527	(see V407 Vul)
XTE J0929−314	*Giles, A.B. et al.* (4 authors) 2005, MNRAS 361, 1180. (1aiox*, 5g, 6c, 8a) Identification of optical counterpart.
FIRST J102347.6+003841	*Thorstensen, J.R., Armstrong, E.* 2005, AJ 130, 759. (1ao, 2ao,)
EC 11575−1845	*Exter, K.M. et al.* (5 authors) 2005, MNRAS 359, 315. (1aio, 2abc, 5abcdeg) Spectroscopic and photometric study.
SDSS J121209.31+013627.7	*Schmidt, G.D. et al.* (6 authors) 2005, ApJ 630, L173. (2aco, 5b) Discovery of possible WD-Brown Dwarf binary.
SDSS J124058.03−015919.2	*Roelofs, G.H.A. et al.* (6 authors) 2005, MNRAS 361, 487. (2bcio, 5abeghi) A new AM CVn star.
RE J1255+266	*Patterson, J., Thorstensen, J.R., Kemp, J.* 2005, PASP 117, 427. (1ao, 2a, 4a, 5dgi)
PSR B1259−63	*Johnston, S. et al.* (4 authors) 2005, MNRAS 358, 1069. (1r, 5cg, 8ab) Radio observations through the 2004 periastron passage.
4U 1323−62 (XB 1323−619)	*Boirin, L. et al.* (5 authors) 2005, A&A 436, 195. (2cx) Explanation of dipping phenomenon. *Church, M.J. et al.* (5 authors) 2005, MNRAS 359, 1336. (1ax, 5ghi) Absorption features and x-ray bursts.
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4U 1630−47	*Abe, Y. et al.* (5 authors) 2005, PASJ 57, 629. (2x) Three spectral states from long-term x-ray monitoring.
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PSR B1718−19	*Janssen, T., van Kerkwijk, M.H.* 2005, A&A 439, 433. (1aio, 6c) Properties of pulsar companion.
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GRO J1719−24	*Ling, J.C., Wheaton, WM.A.* 2005, ApJ 622, 492. (2cg*) Observed during several spectral state transitions.
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H1743−322	*Homan, J. et al.* (7 authors) 2005, ApJ 623, 383. (1ax) QPO's discussed in terms of recently proposed models.
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IGR J18027−2016	*Hill, A.B. et al.* (12 authors) 2005, A&A 439, 255. (1x, 5be) Spectral and timing analysis.
XTE J1807−294	*Falanga, M. et al.* (9 authors) 2005, A&A 436, 647. (2x*, 5b, 5j)
XTE J1814−338	*Kraus, M.I. et al.* (10 authors) 2005, ApJ 627, 910. (1ai, 2x) Optical counterpart found.
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2A 1822−371	(see V691 CrA)
RX J1826.2−1450 (LS 5039)	*Aharonian, F. et al.* (103 authors) 2005, Science 309, 746. Discovery of very high energy γ-rays associated with HMXB. *Bosch-Ramon, V. et al.* (6 authors) 2005, ApJ 628, 388. (1x, 2x)
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GRS 1915+105	(see V1487 Aql)

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AS 325	2005, IAU Circ. 8567 (1a, 2c) Eclipse of long period binary.
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GJ802b	*Pravda, S.H., Shaklan, S.B., Lloyd, J.* 2005, ApJ 630, 528. (2i, 4a, 5e, 6b) Disovery of M5-brown dwarf binary.
GRB 050509b	*Lee, W.H., Ramirez-Ruiz, E., Granot, J.* 2005, ApJ 630, L165. (8) Black hole - NS disruption model.
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GX 1+4	*Paul, B. et al.* (5 authors) 2005, ApJ 627, 915. (1x, 2x) Accreting X-ray binary.
GX 301-2	(see BP Cru)
GX 339-4	(see V821 Ara)
GX 9+1	*Iaria, R. et al.* (7 authors) 2005, A&A 439, 575. (2ax) Distance indication.
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SS 433	(see V1343 Aql)
Var star near M27	2005, IAU Circ. 8591 (1c, 6b) New CV?
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LMC Br 22	*Boisvert, P. et al.* (4 authors) 2005, JRASC 99, 133. (2cdu, 5j, 10a)
LMC Br 32	*Boisvert, P. et al.* (4 authors) 2005, JRASC 99, 133. (2cdu, 5j, 10a)
SMC X-1	*Vrtilek, S.D. et al.* (4 authors) 2005, ApJ 626, 307. (2bx, 5i) Photoionized lines in both high and X-ray low states.
RX J00549−7245 (SXP504)	*Edge, W.R.T. et al.* (10 authors) 2005, MNRAS 361, 743. (1abox, 5abg, 6c) The binary period and outburst behaviour.
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