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## Abbreviations

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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

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## Individual Stars

- RT And *Ekmekci, F., Ak, H.* 2001, IBVS 5174. (1af)
- RX And *Sion, E.M. et al.* (6 authors) 2001, ApJ 555, 834. (1bu) 34,000K WD detected.
- UU And *Qian, S.* 2001, AJ 121, 1561. (1f, 2c) Interpretation of period changes by loss of mass and angular momentum.
- DX And *Kato, T., Uemura, M.* 2001, IBVS 5098. (1a) Outburst photometry.
- FS And *Kato, T., Uemura, M.* 2001, IBVS 5158. (1a) Outburst characteristics.
- IZ And *Kato, T.* 2001, IBVS 5102. (1a) Outburst photometry of dwarf nova.
- LL And *Howell, S.B., Ciardi, D.R.* 2001, ApJ 550, L57. (1bi, 2b) Discovery of a brown dwarf-like secondary.
- QR And *Hutchings, J.B. et al.* (5 authors) 2001, AJ 122, 1572. (1abu) Far ultraviolet spectral changes through cycle.  
*McGrath, T.K. et al.* (5 authors) 2001, AJ 122, 1578. (1abo, 2a)  
*Šimon, V. et al.* (4 authors) 2001, IBVS 5131. (1a) Optical monitoring of X-ray source.
- AE Aqr *Ikhsanov, N.R.* 2001, A&A 374, 1030. (2eg, 5) Pulsations not explained by accretion.  
*Ikhsanov, N.R., Beskrovnaya, N.G.* 2001, AG Abstr. Ser. 18, 186. (5) Pulsar-like behaviour of spin-powered, strongly magnetized WD.
- HU Aqr *Harrop-Allin, M.K., Potter, S.B., Cropper, M.* 2001, MNRAS 326, 788. (1ad, 2eg) Indirect imaging of the accretion stream.  
*Schwope, A.D. et al.* (4 authors) 2001, A&A 375, 419. (1aox, 2eg) The soft X-ray eclipses of CV.  
*Vrielmann, S., Schwope, A.D.* 2001, MNRAS 322, 269. (1ab, 2eg) A new accretion stream mapping algorithm.
- KX Aql *Tappert, C., Mennickent, R.E.* 2001, IBVS 5001. (1b) First spectroscopy of dwarf nova.
- CI Aql 2001, IAU Circ. 7621. (1a) Eclipsing recurrent nova.  
2001, IAU Circ. 7687. (1a) Nova faded back.  
*Hachisu, I., Kato, M.* 2001, ApJ 553, L161. (2b) Prediction of turnoff time.
- V725 Aql *Umemura, M. et al.* (5 authors) 2001, PASJ 53, 539. (1a) A period analysis of superhumps.
- V802 Aql *Van Cauteren, P., Wils, P.* 2001, IBVS 5057. (1af, 2c, 3b) New W UMa-type EB.
- V1333 Aql (Aql X-1) 2001, IAU Circ. 7646. (1a) Outburst.  
2001, IAU Circ. 7671. (1a) Unusual outburst.  
*Qu, J.-L., Yu, W.-F., Li, T.-P.* 2000, Acta Astron. Sinica 20, 59. (1x) QPO and X-ray spectrum.  
*Revnivtsev, M. et al.* (4 authors) 2001, A&A 372, 138. (1x, 2eg) Quasi-periodic variations.
- V1343 Aql (SS 433) *Hirai, Y., Fukue, J.* 2001, PASJ 53, 679. (2g) Calculations of eclipsing and precessional light curves.
- V1494 Aql 2001, IAU Circ. 7665. (1a) Disc eclipse by companion.  
2001, IAU Circ. 7674. (1c) Strengthening coronal phase.  
*Krautter, J. et al.* (15 authors) 2001, AG Abstr. Ser. 18, 5. (1x) X-ray burst and pulsations of WD during nova outburst.

V1542 Aql	<i>Quester, W., Bernhard, K.</i> 2001, IBVS 5161. (1af, 2c, 3b) New W UMa-type EB.
V1548 Aql	2001, IAU Circ. 7627. (1p, 3b) Discovery of Nova. 2001, IAU Circ. 7628. (1b) 2001, IAU Circ. 7632. (1a) 2001, IAU Circ. 7633. (1a) 2001, IAU Circ. 7639. (3b) Designation. 2001, IAU Circ. 7673. (1b) No evidence of dust. <i>Kato, T., Takamizawa, K.</i> 2001, IBVS 5100. (1a) Slow nova of V723 Cas-type.
BF Ara	<i>Kato, T. et al.</i> (5 authors) 2001, IBVS 5119. (1av, 2c) Detection of supercycle.
V824 Ara	<i>Dempsey, R.C., Neff, J.E., Lim, J.</i> 2001, AJ 122, 332. (1abour, 2e) Simultaneous multi-wavelength atmosphere study.
UX Ari	<i>Duemmler, R., Aarum, V.</i> 2001, A&A 370, 974. (1b, 2abc) RS CVn star in triple system. <i>Franciosini, E., Pallavicini, R., Tagliaferri, G.</i> 2001, A&A 375, 196. (1x, 2e) Flare from RS CVn star.
$\alpha$ Aur	<i>Mewe, R. et al.</i> (6 authors) 2001, A&A 368, 888. (1bx, 2ef) CHANDRA-LETGS X-ray observations. <i>Strassmeier, K.G., Reegen, P., Granzer, T.</i> 2001, Astron. Nachr. 322, 115. (1aco, 2c) H $\alpha$ and H $\beta$ photometry reveals rotation periods of RS CVn binary components – primary in asynchronous, secondary in synchronous rotation.
$\epsilon$ Aur	<i>Strassmeier, K.G., Reegen, P., Granzer, T.</i> 2001, Astron. Nachr. 322, 115. (1aco, 2c) H $\alpha$ and H $\beta$ photometry reveals rotation periods of RS CVn binary components. <i>Taranova, O.G., Shenavrin, V.I.</i> 2001, Pis.AZh 27, 393. (1i)
$\zeta$ Aur	<i>Taranova, O.G., Shenavrin, V.I.</i> 2001, Pis.AZh 27, 393. (1i)
RW Aur A	<i>Petrov, P.P. et al.</i> (8 authors) 2001, A&A 369, 993. (1ab, 2eg) Single or binary T Tau star?
SS Aur	<i>Lake, J., Sion, E.</i> 2001, AJ 122, 1632. (1bu, 2eg)
TT Aur	<i>Özdemir, S. et al.</i> (8 authors) 2001, Publ. Astron. Soc. Australia 18, 151. (1a, 2bc) Light-curve solutions and a period analysis showing the existence of a third body.
KR Aur	<i>Antov, A.P., Bachev, R.S., Boeva, S.S.</i> 2001, AG Abstr. Ser. 18, 114. (1ao) BVRI observations of CV during minimum state.
V405 Aur (RX J0558+5353)	<i>Shakhovskoy, N.M., Andronov, I.L., Kolesnikov, S.V.</i> 2001, AG Abstr. Ser. 18, 143. (1ado, 2g) UBVR photometric and polarimetric monitoring of IP.
CR Boo	<i>Kato, T. et al.</i> (9 authors) 2001, IBVS 5120. (1av, 2c) The second supercycle.
Z Cam	<i>Kato, T.</i> 2001, IBVS 5093. (1av) Oscillation during a standstill.
SV Cam	<i>Albayrak, B. et al.</i> (5 authors) 2001, A&A 376, 158. (1a, 2abce) Light and period study of RS CVn system. <i>Ekmekci, F., Ak, H.</i> 2001, IBVS 5174. (1af)
BZ Cam	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5077. (1a) Photometric periodicity of CV.

CI Cam	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5081. (1a) Photometry during quiescence in 1999.
FT Cam	<i>Kato, T., Uemura, M., Yamaoka, H.</i> 2001, IBVS 5082. (1ae) Outbursts photometry and proper motion.
YZ Cnc	<i>Kato, T.</i> 2001, IBVS 5104. (1a) Development of late superhumps.
AT Cnc	<i>Kato, T. et al.</i> (10 authors) 2001, IBVS 5099. (1a) Unusual slow fading of standstill.
EG Cnc	<i>Osaki, Y., Meyer, F., Meyer-Hofmeister, E.</i> 2001, A&A 370, 488. (5) Modelling of dwarf nova.
ZZ CMi	<i>Taranova, O.G., Shenavrin, V.I.</i> 2001, Pis.AZh 27, 393. (1i)
RS CVn	<i>Rodono, M., Lanza, A.F., Becciani, U.</i> 2001, A&A 371, 174. (2ae, 5) Determination of light curve parameters.
AM CVn	<i>Nelemans, G., Steeghs, D., Groot, P.J.</i> 2001, MNRAS 326, 621. (1b, 2acg) Spectroscopic evidence for the binary nature.
BO CVn	<i>Albayrak, B., Müyesseröglu, Z., Özdemir, S.</i> 2001, Astron. Nachr. 322, 125. (1afo, 2ac) BV LCs of A-type W UMa system solved.
$\eta$ Car	<i>Feast, M., Whitelock, P., Marang, F.</i> 2001, MNRAS 322, 741. (1abi, 2ceg) A binary model based on spectroscopic and photometric observations.
V392 Car	<i>Debernardi, Y., North, P.</i> 2001, A&A 374, 204. (1ab, 2abce) Parameters of CP EB.
RZ Cas	<i>Ohshima, O. et al.</i> (9 authors) 2001, AJ 122, 418. (1a) Short-period light variations in and out of eclipse.
BH Cas	<i>Zola S. et al.</i> (4 authors) 2001, A&A 374, 164. (1a, 2abc, 3d) Photometric study of contact system.
DK Cas	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5070. (1a) Outburst photometry.
V523 Cas	<i>Samec R.G. et al.</i> (5 authors) 2001, IBVS 5175. (2c) Period study of EB: a triple system?
V608 Cas	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5151. (1af, 2c) W UMa-type EB.
V615 Cas (LSI +61°303)	<i>Apparao, K.M.V.</i> 2001, Bull. Astron. Soc. India 28, 271. (5) Calculation of hard X-ray flux by inverse Compton scattering. <i>Apparao, K.M.V.</i> 2001, A&A 371, 672. (1x, 2eg) On the 1584 day period in Be binary. <i>Greiner, J. Rau, A.</i> 2001, A&A 375, 145. (1x, 5) The X-ray spectrum of Be CB. <i>Liu, Q.-Z., Hang, H.-R., Zhu, Z.-X.</i> 1999. Chinese J. Space Sci., 19, 1. (1b) H emission lines. <i>Massi, M. et al.</i> (5 authors) 2001, A&A 376, 217. (1r, 2e) One-sided jet in HMXB.
V635 Cas	<i>Neguera, I., Okazaki, A.T.</i> 2001, A&A 369, 108. (1ab, 2e, 5) Model for a Be/X-ray transient. <i>Neguera, I. et al.</i> (6 authors) 2001, A&A 369, 117. (1abio, 2e, 5) Outburst mechanisms.
V709 Cas	<i>Bonnet-Bidaud, J.M. et al.</i> (5 authors) 2001, A&A 374, 1003. (1b, 2ce) The WD flux in a CV.
$\alpha$ Cen	<i>Barbieri, M., Marzari, F.</i> 2001, AG Abstr. Ser. 18, 153. (5) On possible planet formation in a CB.
V436 Cen	<i>Nadalin, I., Sion, E.</i> 2001, PASP 113, 829. (1bu, 2eg)

V803 Cen	<i>Kato, T. et al.</i> (5 authors) 2001, IBVS 5091. (1a, 2c) Standstill of the Helium ER UMa star.
V888 Cen	<i>Tse, J.Y. et al.</i> (8 authors) 2001, MNRAS 324, 553. (1ab, 2abe) Photometric and spectroscopic study.
VV Cep	<i>Pollmann, E.</i> 2001, IBVS 5173. (1b) Observations of H $\alpha$ emission. <i>Taranova, O.G., Shenavrin, V.I.</i> 2001, Pis.AZh 27, 393. (1i)
CW Cep	<i>Soydugan, F. et al.</i> (8 authors) 2001, IBVS 5154. (1af) <i>BVR</i> photometry.
FX Cep	<i>Kato, T., Nogami, D., Baba, H.</i> 2001, IBVS 5103. (1a) Outburst photometry of dwarf nova.
V397 Cep	<i>Bulut, I. et al.</i> (14 authors) 2001, IBVS 5129. (1af, 2d) The first ground-based photometry of EB.
TV Cet	<i>Wolf, M., Diethelm, R., Hornoch, K.</i> 2001, A&A 374, 243. (1a, 2acd) Apsidal motion in EB.
WX Cet	<i>Kato, T. et al.</i> (5 authors) 2001, PASJ 53, 893. (1a) Superoutburst observations. <i>Rogoziecki, P., Schwarzenberg-Czerny, A.</i> 2001, MNRAS 323, 850. (1a, 2abc) Photometric study.
RX Cha	<i>Kato, T. et al.</i> (5 authors) 2001, IBVS 5117. (1a, 2c, 3b) New long-period SU UMa-type dwarf nova.
AL Com	2001, IAU Circ. 7629. (1v) CV in outburst.
AQ Com	<i>Csizmadia, Sz., Borkovits, T.</i> 2001, IBVS 5095. (1af, 2c) Improved ephemeris.
YY CrB	<i>Erdem, A. et al.</i> (8 authors) 2001, IBVS 5152. (1a, 2c) <i>UBV</i> photometry of active star.
Q Cyg	<i>Nogami, D., et al.</i> (4 authors) 2001, IBVS 5139. (1a) Deep dip during an outburst.
BF Cyg	<i>Fekel, F.C. et al.</i> (4 authors) 2001, AJ 121, 2219. (1bi, 2a) Infrared spectroscopy of symbiotic stars.
CH Cyg	<i>Crocker, M.M. et al.</i> (7 authors) 2001, MNRAS 326, 781. (1r, 2e) Non-thermal bipolar jets.
CI Cyg	<i>Mikolajewska, J., Ivison, R.J.</i> 2001, MNRAS 324, 1023. (1r, 2abef) A test of popular models for symbiotic stars.
V367 Cyg	<i>Zola, S., Ogloza, W.</i> 2001, A&A 368, 932. (1a, 2abg) Accretion disk in EB.
V388 Cyg	<i>Kang, Y.W. et al.</i> 2001, MNRAS 325, 707. (1ao, 2abc) CCD observations and light curve analysis.
V444 Cyg	<i>Antokhin, I.I., Cherepashchuk, A.M.</i> 2001, AZh 78, 432. (1a, 2b)
V630 Cyg	<i>Nogami, D. et al.</i> (4 authors) 2001, IBVS 5157. (1a) Outburst photometry of SU UMa-type dwarf nova.
V1113 Cyg	<i>Kato, T.</i> 2001, IBVS 5110. (1av) Length of cycle.
V1143 Cyg	<i>Dariush, A., Afrozeh, A., Riazi, N.</i> 2001, IBVS 5136. (1af)
V1329 Cyg	<i>Chochol, D., Wilson, R.E.</i> 2001, MNRAS 326, 437. (1a, 2abce) Variation mechanisms. <i>Fekel, F.C. et al.</i> (4 authors) 2001, AJ 121, 2219. (1bi, 2a) Infrared spectroscopy of symbiotic stars.
V1357 Cyg	(see Cyg X-1)

V2154 Cyg *Rodriguez, E. et al.* (4 authors) 2001, A&A 372, 588. (1a, 2ac) Light curves of EB.

V2176 Cyg *Novák, R. et al.* (4 authors) 2001, IBVS 5108. (1a) Superoutburst photometry of CV in 1997.

V2274 Cyg 2001, IAU Circ. 7666. (1p, 3b) Discovery of Nova.  
2001, IAU Circ. 7668. (1a, 3b) Designation, pre-discovery magnitude.  
2001, IAU Circ. 7677. (1a) Early emission stage.

V2275 Cyg 2001, IAU Circ. 7686. (1bp, 3b) Discovery of Nova.  
2001, IAU Circ. 7687. (1ap)  
2001, IAU Circ. 7688. (1v) Position.  
2001, IAU Circ. 7691. (1v, 1a, 3b) Designation.  
2001, IAU Circ. 7712. (1a)

CM Del *Lyons, K. et al.* (5 authors) 2001, AJ 122, 327. (1cu, 2ef)

IS Del *Kato, T.* 2001, IBVS 5092. (1a) Outburst photometry.

MR Del *Soydugan, F. et al.* (15 authors) 2001, IBVS 5153. (1a, 2c) First photometric observations.

AG Dor *Washuettl, A., Strassmeier, K.G.* 2001, A&A 370, 218. (1b, 2abce) RVs, orbit and Doppler image.

TW Dra *Kusakin, A.V., Mkrtichian, D.E., Gamarova, A.Yu.* 2001, IBVS 5106. (1a, 2e) Discovery of pulsations.

CG Dra *Kato, T., Nogami, D.* 2001, IBVS 5124. (1a) Outburst photometry.

EX Dra *Baptista, R., Catalan, M.S.* 2001, MNRAS 324, 599. (1a, 2eg) Structure and evolution of the accretion disc.

GM Dra *Cicek, C. et al.* (8 authors) 2001, IBVS 5144. (1af, 2c) First ground-based photometric observations.

AH Eri *Kato, T., Nogami, D.* 2001, IBVS 5105. (1a) Outburst photometry of dwarf nova.

AQ Eri *Kato, T.* 2001, IBVS 5107. (1a) Superoutburst photometry of SU UMa-type dwarf nova.

CP Eri *Group, P.J. et al.* (4 authors) 2001, ApJ 558, L127. (1bo, 2b) Quiescent spectrum of AM CVn star.

EF Eri *Howell, S.B., Ciardi, D.R.* 2001, ApJ 550, L57. (1bi, 2b) Discovery of a brown dwarf-like secondary.

EI Eri *Washuettl, A., Strassmeier, K., Foing, B.* 2001, AG Abstr. Ser. 18, 160. (1bo) Doppler imaging multi-site observations of chromospherically active binary star.

UX For *Washuettl, A., Strassmeier, K.G.* 2001, A&A 370, 218. (1b, 2abce) RVs and orbit.

UZ For *Perryman, M.A.C. et al.* (7 authors) 2001, MNRAS 324, 899. (1ao, 2bceg) High-speed energy-resolved STJ photometry.

$\gamma$  Gem *Egorova, I.A. et al.* (8 authors) 2001, AG Abstr. Ser. 18, 170. (1bo, 2f) Metal abundances of spectroscopic binary.

$\sigma$  Gem *Kovari, Zs. et al.* (6 authors) 2001, A&A 373, 199. (1ab, 2ace) Doppler imaging of active binary.

U Gem *Groot, P.J.* 2001, ApJ 551, L89. (1bv, 2g) Spiral shocks in the AD during outburst.  
*Smak, J.I.* 2001, Acta Astronomica 51, 279. (2ab) Rediscussion of system parameters.

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UV Gem	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5158. (1a) Outburst photometry.
WY Gem	<i>Taranova, O.G., Shenavrin, V.I.</i> 2001, Pis.AZh 27, 393. (1i)
IR Gem	<i>Kato, T.</i> 2001, IBVS 5122. (1a, 2c) Observation of superhumps.
AH Her	<i>Lyons, K. et al.</i> (5 authors) 2001, AJ 122, 327. (1cu, 2ef) <i>Spogli, C. et al.</i> (4 authors) 2001, IBVS 5147. (1a) <i>BVRI</i> observations of dwarf nova in outburst.
AK Her	<i>Li, L., Zhang, F., Han, Z.</i> 2001, A&A 368, 595. (2c) Period variations. <i>Varricatt, W.P., Ashok, N.M.</i> 2001, IBVS 5143. (1af, 2a)
AM Her	<i>Burwitz, V., Reinsch, K., Barwig, H.</i> 2001, AG Abstr. Ser. 18, 231. (1abox) CHANDRA LETGS high-resolution X-ray spectroscopy. <i>DePasquale, J., Sion, E.M.</i> 2001, ApJ 557, 978. (5) Chemical abundances of the accreting magnetic WD. <i>Gaensicke, B.T. et al.</i> (4 authors) 2001, A&A 372, 557. (1a, 2eg) Model for high state light curve.
DI Her	<i>Dariush, A., Afrozeh, A., Riazi, N.</i> 2001, IBVS 5136. (1af)
HZ Her	(see Her X-1)
WW Hor	<i>Ramsay, G. et al.</i> (7 authors) 2001, MNRAS 326, L27. (1bx, 2beg) XMM-Newton observations.
EX Hya	<i>Walker, W.S.G., Allen, W.H.</i> 2000, Southern Stars 39, 29. (1a, 2c) Eclipse and spin timings.
RT Lac	<i>Ibanoglu, C. et al.</i> (5 authors) 2001, A&A 371, 626. (1a, 2ce) Period changes of active binary.
SS Lac	<i>Torres, G.</i> 2001, AJ 121, 2226. (2ac) Analysis of eclipse depths to derive nodal variation period.
AR Lac	<i>Trigilio, C. et al.</i> (7 authors) 2001, A&A 373, 181. (1r, 2e) The radio corona of RS CVn system.
T Leo	<i>Szkody, P. et al.</i> (4 authors) 2001, AJ 121, 2761. (1box, 2g)
X Leo	<i>Henry, C.K., Sion, E.M.</i> 2001, PASP 113, 970. (1bu, 2eg)
RZ Leo	<i>Ishioaka, R. et al.</i> (18 authors) 2001, PASJ 53, 905. (1a) Superoutburst observations and the existence of two-types of superhumps. <i>Mennickent, R.E., Tappert, C.</i> 2001, A&A 372, 563. (1bc, 2c) On the orbital period of CV.
DP Leo	<i>Ramsay, G. et al.</i> (7 authors) 2001, MNRAS 326, L27. (1bx, 2beg) XMM-Newton observations.
SX LMi	<i>Kato, T.</i> 2001, IBVS 5071. (1a) On the supercycle.
$\delta$ Lib	<i>Worek, T.F.</i> 2001, PASP 113, 964. (1b, 2a) Orbit of third component (table format corrected in PASP 113, 1157, 2001).
BI Lyn (PG 0900+400)	<i>Jeffery, C.S., Cuadrado, A.</i> 2001, AG Abstr. Ser. 18, 187. (1bo) sdB + G-type giant system.
V363 Lyr	<i>Kato, T. et al.</i> (4 authors) 2001, IBVS 5118. (1a, 2c) Outburst cycle.
BO Mon	<i>Qian, S.</i> 2001, AJ 121, 1561. (1f, 2c) Interpretation of period changes by loss of mass and angular momentum.
BZ Mon	<i>Zakirov, M.M.</i> 2001, Pis.AZh 27, 632. (1a, 2ab)
V396 Mon	<i>Yang, Y., Liu, Q.</i> 2001, AJ 122, 425. (1a, 2a)

V505 Mon	<i>Mayer, P. et al.</i> (7 authors) 2001, A&A 375, 434. (1abou, 2eg) Early-type EB with a disk.
V578 Mon	<i>Pavlovski, K., Hensberge, H., Ilijć, S.</i> 2001, AG Abstr. Ser. 18, 170. (1bo, 2f) Analysis of eclipsing SB2 system (member of Rosetta nebula cluster NGC 2244) yields accurate element abundances.
V651 Mon	<i>Kato, T., Nogami, D., Baba, H.</i> 2001, PASJ 53, 901. (1a) Fading of the binary central star of a planetary nebula.
GU Mus	<i>Gelino, D.M., Harrison, T.E., McNamara, B.J.</i> 2001, AJ 122, 971. (1ai, 2ab) Mass of BH determined.
V451 Oph	<i>Wolf, M., Diethelm, R., Hornoch, K.</i> 2001, A&A 374, 243. (1a, 2acd) Apsidal motion in EB.
V577 Oph	<i>Zhou, A.</i> 2001, IBVS 5087. (1a, 2c) Pulsation stability of EB.
V2051 Oph	<i>Kato, T. et al.</i> (6 authors) 2001, IBVS 5159. (1av) Supercycle of eclipsing dwarf nova. <i>Steeghs, D. et al.</i> (5 authors) 2001, MNRAS 323, 484. (1bo, 2acg) Continuum and emission-line oscillations.
BM Ori	<i>Vitrichenko, E.A., Klochkova, V.G.</i> 2001, Pis.AZh 27, 381. (1bc, 2be)
CZ Ori	<i>Sogli, C. et al.</i> (4 authors) 2001, IBVS 5094. (1a) <i>BVRI</i> photometry of dwarf nova in outburst.
EQ Ori	<i>Zakirov, M.M.</i> 2001, Pis.AZh 27, 442. (1a, 2abc)
V1016 Ori	<i>Vitrichenko, E.A., Plachinda, S.I.</i> 2001, Pis.AZh 27, 682. (1bc, 2b)
V1159 Ori	<i>Kato, T.</i> 2001, PASJ 53, L17. (1a) A variation of the supercycle.
V1309 Ori	<i>Staude, A., Schwöpe, A.D., Schwarz, R.</i> 2001, A&A 374, 588. (1ab, 2abceg) System parameters of CV EB.
KZ Pav	<i>Budding, E., Marsden, S.C., Slee, O.B.</i> 2001, Publ. Astron. Soc. Australia 18, 140. (1ar, 2a) Weak radio emission.
AG Peg	<i>Kenyon, S.J., Proga, D., Keyes, C.D.</i> 2001, AJ 122, 349. (1bou, 2e)
IP Peg	<i>Khruzina, T.S. et al.</i> (5 authors) 2001, AZh 78, 625. (5)
LS Peg	<i>Szkody, P. et al.</i> (4 authors) 2001, AJ 121, 2761. (1box, 2g)
V369 Peg	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5078. (1a, 2c) SU UMa-type dwarf nova.
$\phi$ Per	<i>Hummel, W., Stefl, S.</i> 2001, A&A 368, 471. (5) Modeling of Be shell star.
6 Per	<i>Scarfe, C.D.</i> 2001, JRASC 95, 155. (2a, 7a)
Z Per	<i>Qian, S.</i> 2001, AJ 121, 1561. (1f, 2c) Interpretation of period changes by loss of mass and angular momentum.
KW Per	<i>Galís, R., Hric, L., Niarchos, P.</i> 2001, A&A 373, 950. (1a, 2ace) A near-contact system?
72 Psc	<i>Griffin, R.F.</i> 2001, Observatory 121, 162. (1b,2a) F-type SB2.
Y Psc	<i>Qian, S.</i> 2001, AJ 121, 1561. (1f, 2c) Interpretation of period changes by loss of mass and angular momentum.
TY Psc	<i>Kunjaya, C. et al.</i> (6 authors) 2001, IBVS 5128. (1a, 2c) Superhump in November 2000.
TY Psc	<i>Nadalin, I., Sion, E.</i> 2001, PASP 113, 829. (1bu, 2eg)
AS Psc	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5158. (1a) Outburst characteristics.
BK Psc (2RE J0039+103)	<i>Montes, D. et al.</i> (5 authors) 2001, AG Abstr. Ser. 18, 178. (1bo, 2ab) Chromospherically active K-type binary.
V445 Pup	2001, IAU Circ. 7602. (1av) Variability in UV.

- 2001, IAU Circ. 7620. (1a) Fading Nova-like variable.  
2001, IAU Circ. 7717. (1br) Radio point source, P-Cyg profiles.
- V Sge *Smak, J.I., Belczynski, K., Zola, S.* 2001, Acta Astronomica 51, 117.  
(1ab, 2abg)
- WZ Sge 2001, IAU Circ. 7669. (1av) New outburst.  
2001, IAU Circ. 7670. (1a)  
2001, IAU Circ. 7672. (1ab) Highly structured shell.  
2001, IAU Circ. 7675. (1b) Spiral waves in disc.  
2001, IAU Circ. 7677. (1x) Multi-temperature thermal plasma.  
2001, IAU Circ. 7678. (1ab) Superhumps.  
2001, IAU Circ. 7680. (1b) Superhump evolution.
- v Sgr *Leushin, V.V.* 2001, Pis.AZh 27, 746. (1bc, 2e)
- V902 Sgr *Samec, R.G., Corbin, S.F.* 2001, IBVS 5145. (1af, 2c, 3d) Extreme mass  
ratio dwarf binary.
- V4633 Sgr *Ashok, N.M., Chandrasekhar, T.* 2001, Bull. Astron. Soc. India 28, 265.  
(Nova 1998) (1bi) Near IR spectra.
- V4641 Sgr *Fender, R.P., Kuulkers, E.* 2001, MNRAS 324, 923. (1rx, 2eg)  
(SAX J1819.3-2525) Correlation between X-ray and radio emission.  
*Goranskij, V.P.* 2001, IBVS 5068. (1a, 2c) Orbital V-light curve.  
*Orosz, J.A. et al.* (9 authors) 2001, ApJ 555, 489. (1ab, 2ab) Stellar black  
hole detected in X-ray transient, superluminal source.
- V4643 Sgr 2001, IAU Circ. 7599. (1bv) Nova classified as Ne/H.  
2001, IAU Circ. 7694. (1b) Coronal phase.  
*Bruch, A.* 2001, IBVS 5138. (1ab, 2e)
- V4739 Sgr 2001, IAU Circ. 7692. (1av, 3b) Discovery of Nova.  
2001, IAU Circ. 7695. (1a, 3b) Designation.  
2001, IAU Circ. 7696. (1b) Typical He/N Nova.  
2001, IAU Circ. 7698. (1a)  
2001, IAU Circ. 7702. (1a)  
*Livingston, C.M. et al.* (4 authors) 2001, IBVS 5172. (1a)
- V4740 Sgr 2001, IAU Circ. 7706. (1v, 3b) Discovery of Nova.  
2001, IAU Circ. 7708. (1abv, 3b) Designation.
- $\kappa$  Sco *Uytterhoeven, K. et al.* (10 authors) 2001, A&A 371, 1035. (1b, 2ace)  
Line-profile variations of pulsating binary.
- V453 Sco *Josephs, T.S. et al.* (6 authors) 2001, PASP 113, 957. (1bc, 2ad)
- V1178 Sco 2001, IAU Circ. 7647. (1bp, 3b) Discovery of Nova-like variable.  
2001, IAU Circ. 7650. (1a, 3b) Designation.  
2001, IAU Circ. 7651. (1b)  
2001, IAU Circ. 7655. (1a)  
2001, IAU Circ. 7679. (1c) IR spectrophotometry.  
2001, IAU Circ. 7699. (1c) IR spectrophotometry.  
*Kato, T., Mitsugu, F.* 2001, IBVS 5150. (1abv) Nova with early stage  
oscillations.
- RY Sct *Djurasevic, G. et al.* (4 authors) 2001, A&A 374, 638. (1a, 2abe) Photo-  
metric study of massive binary.
- UZ Ser *Lake, J., Sion, E.* 2001, AJ 122, 1632. (1bu, 2eg)
- V343 Ser *Fekel, F.C. et al.* (4 authors) 2001, AJ 121, 2219. (1bi, 2a) Infrared  
spectroscopy of symbiotic stars.
- UZ Tau *Kato, T., Nogami, D., Baba, H.* 2001, IBVS 5121. (1a, 2g)

DF Tau *Lamzin, S.A. et al.* (4 authors) 2001, A&A 372, 922. (2eg) Historical light curve of a T Tau star.

V471 Tau *Bond, H.E. et al.* (4 authors) 2001, AG Abstr. Ser. 18, 79. (1bu) UV HST GHRS observations of magnetically active dK star.  
*Bond, H.E., O'Brien, M.S., Sion, E.M.* 2001, AG Abstr. Ser. 18, 95. (1bu, 2b) Accurate absolute dimensions.

V833 Tau *Olah, K. et al.* (4 authors) 2001, A&A 372, 119. (1a, 2e) Time-series photometric spot modeling.

QS Tel *Rosen, S.R. et al.* (9 authors) 2001, MNRAS 322, 631. (1abdoux, 2abeg) Multiwavelength monitoring.

UW Tri *Kato, T. et al.* (4 authors) 2001, IBVS 5116. (1a, 2c) Possible WZ Sge-type dwarf nova.

EK TrA *Gansicke, B.T. et al.* (7 authors) 2001, A&A 374, 656. (1abou, 2eg) Flickering in dwarf nova.

SW UMa *Burleigh, M.R. et al.* (6 authors) 2001, MNRAS 325, 1458. (1ou, 2aceg) Superoutbursts in EUV.

TX UMa *Komžík, R. et al.* (5 authors) 2001, IBVS 5155. (1af, 2c) Detection of secondary minima.

TY UMa *Stoddard, M.L., et al.* (4 authors) 2001, IBVS 5169. (1af, 2c, 3d) 1999 observations of the solar type EB.

UY UMa *Yang, Y., Liu, Q., Leung, K.-C.* 2001, A&A 370, 507. (1a, 2ace) A W UMa system with small mass ratio.

VV UMa *Arevalo, M.J. et al.* (4 authors) 2001, IBVS 5160. (1a, 2a, 3d) *BVR* photometry of the short-period EB.  
*Lázaro, C. et al.* (5 authors) 2001, MNRAS 325, 617. (1ao, 2abce) A model based on  $uvby\beta$  photometry.

XY UMa *Pribulla, T. et al.* (7 authors) 2001, A&A 371, 997. (1ab, 2abc, 3d) Study of an active EB.

AR UMa *Gansicke, B.T. et al.* (4 authors) 2001, ApJ 555, 380. (1bu) Phase resolved spectroscopy of polar.

DV UMa *Nogami, D. et al.* (6 authors) 2001, MNRAS 322, 793. (1a, 2acg) Revised orbital period and detection of superhumps.

IY UMa *Kato, T. et al.* (6 authors) 2001, IBVS 5159. (1av) Supercycle of eclipsing dwarf nova.  
*Rolfe, D.J., Haswell, C.A., Patterson, J.* 2001, MNRAS 324, 529. (1ao, 2g) Disc shape and superhumps.

RU UMi *Manimanis, V.N., Niarchos, P.G.* 2001, A&A 369, 960. (1a, 2abce) Study of near-contact system.

MR Vel *Schmidtke, P.C., Cowley, A.P.* 2001, AJ 122, 1569. (1ab, 2a) Period determination.

V382 Vel 2001, IAU Circ. 7610. (1a, 1v) Small amplitude periodicity.  
*Mukai, K., Ishida, M.* 2001, ApJ 551, 1024. (1bx) Internal shock model applied.  
*Orio, M. et al.* (10 authors) 2001, MNRAS 326, L13. (1x, 2e) X-ray emission.

HS Vir *Kato, T. et al.* (7 authors) 2001, IBVS 5109. (1av) Length of supercycle.

VW Vul *Henry, C.K., Sion, E.M.* 2001, PASP 113, 970. (1bu, 2eg)

DO Vul *Henden, A.A., Thorstensen, J.R., Sumner, B.* 2001, IBVS 5141. (1e, 3d)  
The identity of CV.

DR Vul *Cicek, C.* 2001, IBVS 5142. (1af, 2c) Eccentric EB.

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

HR 2554 *Brown, A. et al.* (7 authors) 2001, AJ 122, 392. (1bu, 2abe)

HR 7428 *Marino, G. et al.* (4 authors) 2001, A&A 375, 100. (1ab, 2abce) H $\alpha$  behaviour of SB.

HR 8078 *Scarfe, C.D.* 2001, JRASC 95, 155. (2a, 7a)

HD 108 *Naze, Y., Vreux, J.-M., Rauw, G.* 2001, A&A 372, 195. What is its real nature?

HD 434 *Iliev, I.K.H. et al.* (4 authors) 2001, IBVS 5051. (1b, 2c) Discovery of a secondary spectrum.

HD 1917 *Griffin, R.F.* 2001, Observatory 121, 221. (1b, 2a) Short-period SB1.

HD 4271 *Griffin, R.F.* 2001, Observatory 121, 221. (1b, 2a) Short-period SB1.

HD 9770 *Watson, L.C. et al.* (5 authors) 2001, MNRAS 325, 143. (1ab, 2abce) Photometric and spectroscopic study.

HD 10262 *Griffin, R.F.* 2001, Observatory 121, 221. (1b) Broad-lined and sharp-lined composite.

HD 10909 *Fekel, F.C. et al.* (4 authors) 2001, AJ 122, 991. (1ab, 2ab)

HD 81976 *Carquillat, J.-M., Ginestet, N., Prieur, J.-L.* 2001, A&A 369, 908. (1b, 2abc) A SB Am star.

HD 93205 *Morrell, N.I. et al.* (11 authors) 2001, MNRAS 326, 85. (1box, 2abcde) A massive double-lined binary.

HD 93917 *Lasala-Garcia, A.* 2001, IBVS 5075. (1a, 2c, 3b) New W UMa-type EB.

HD 98880 *Carquillat, J.-M., Ginestet, N., Prieur, J.-L.* 2001, A&A 369, 908. (1b, 2abc) A SB Am star.

HD 111154 *Griffin, R.F.* 2001, J. Ap. & Astron. 22, 121. (1b, 2a) Radial velocities and a search for eclipses with a negative result.

HD 115071 *Lloyd, C., Stickland, D.J.* 2001, A&A 370, 1026. (1a, 2ac) Ellipsoidal variable blue straggler?

HD 149404 *Thaller M.L. et al.* (5 authors) 2001, ApJ 554, 1074. (1b) Doppler tomography, colliding winds.

HD 152248 *Sana, H., Rauw, G., Gosset, E.* 2001, A&A 370, 121. (1b, 2abce) Colliding wind interaction.

HD 153919 *Ankay, A. et al.* (6 authors) 2001, A&A 370, 170. (1e) The evolutionary history of HMXB.

HD 168443 *Marcy, G.W. et al.* (10 authors) 2001, ApJ 555, 418. (1beo) Two substellar companions proposed, outer object has mass constrained between 17 and 40 Jupiter masses.

HD 169981 *Lehmann, H. et al.* (4 authors) 2001, A&A 373, 960. (1ab, 2abc) SB also a photometric binary?

HD 172481 *Whitlock, P., Marang, F.* 2001, MNRAS 323, L13. (1ai, 2befg) An extremely slow nova?

HD 190401 *Griffin, R.F.* 2001, Observatory 121, 221. (1b) Variation not confirmed.

HD 192641 (WR 137)	<i>Williams, P.M. et al.</i> (12 authors) 2001, MNRAS 324, 156. (1abi, 2ce) Episodic dust formation.
HD 192644	<i>Griffin, R.F.</i> 2001, Observatory 121, 91. (1b, 2a) K-type long-period SB1.
HD 193986	<i>Vidal-Sainz, J.</i> 2001, IBVS 5066. (1a, 2c, 3b) New Algol-type EB.
HD 218687	<i>Griffin, R.F.</i> 2001, Observatory 121, 221. (1b, 2a) Short-period SB1.
HD 280340	<i>Robb, R.M., Wagg, J., Berndsen, A.</i> 2001, IBVS 5079. (1a, 2c, 3d) Brightness variation of X-ray source.
CD -26°304	<i>Preston, G.W., Sneden, C.</i> 2001, AJ 122, 1545. (1b, 2a, 3b) New binary including very metal-poor carbon star.
CPD -59°2628	<i>Freyhammer, L.M. et al.</i> (4 authors) 2001, A&A 369, 561. (1ab, 2abc) Parameters of EB.
CPD -59°2635	<i>Colombo, J.F.A. et al.</i> (4 authors) 2001, MNRAS 326, 78. (1box, 2abe) Spectroscopic double-lined binary system.

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### X-ray sources with constellation names

Aql X-1	(see V1333 Aql)
Cen X-4	<i>Menou, K., McClintock, J.E.</i> 2001, ApJ 557, 304. (5) The quiescent emission spectrum of Cen X-4 and other X-ray transients containing neutron stars.
Cir X-1	<i>Qu, J.L., Yu, W., Li, T.P.</i> 2001, ApJ 555, 7. (1bx) Frequency dependent time lag variations in LMXB.
Cyg X-1 (V1357 Cyg)	<i>Apparao, K.M.V.</i> 2001, Bull. Astron. Soc. India 28, 275. (5) Model calculation for the quiescent radio emission. <i>Chen, L. et al.</i> (4 authors) 2000, Acta Ap. Sinica 20, 49. (1x) X-ray power density spectrum. <i>Czerny, B. et al.</i> (4 authors) 2001, MNRAS 325, 865. (1box, 2beg) Black hole mass from power density spectra. <i>Dolan, J.</i> 2001, PASP 113, 974. (1au, 2g) Dying pulse trains - evidence for event horizon. <i>Fender, R.P.</i> 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths. <i>Karitskaya, E.A. et al.</i> (12 authors) 2001, AZh 78, 408. (1a, 2ac) <i>Manchandra, R.K.</i> 2001, J. Ap. & Astron. 22, 9. (1x) Ultra low hard X-ray flux. <i>Martí, J., Mirabel, I.F., Rodriguez, L.F.</i> 2001, IBVS 5127. (1r) Short-term radio variability. <i>Pottschmidt, K. et al.</i> (7 authors) 2001, AG Abstr. Ser. 18, 232. (1x) QPO analysis using RXTE data. <i>Stern, B.E., Beloborodov A.M., Poutanen, J.</i> 2001, ApJ 555, 829. (1ax) Very active state in April 1999. <i>Young, A.J. et al.</i> 2001, MNRAS 325, 1054. (1x, 2eg) Model of an ionized accretion disc.
Cyg X-3	<i>Martí, J., Paredes, J.M., Peracaula, M.</i> 2001, A&A 375, 476. (1r, 2e) Relativistic jet in HMXB. <i>Mioduszewski, A.J. et al.</i> (5 authors) 2001, ApJ 553, 766. (1r) VLBI reveals highly relativistic jet. <i>Ogley, R.N., Burnell Bell, S.J., Fender, R..P.</i> 2001, MNRAS 322, 177. (1i, 2beg) Investigating the wind using ISO data.

*Ogley, R.N. et al.* (6 authors) 2001, MNRAS 326, 349. (1ar, 2ae) Radio flares and plasmon size.

Her X-1  
(HZ Her) *Kuster, M. et al.* (7 authors) 2001, AG Abstr. Ser. 18, 230. (1x) Pulse profile changes during X-ray turn-on used to investigate properties of outer AD rim.

*Moon, D.-S., Eikenberry, S.S.* 2001, ApJ 552, L135. (1bx) Coupling between variability and QPO's.

*Oosterbroek, T. et al.* (6 authors) 2001, A&A 375, 922. (1x, 2eg) Rapid spin-down.

*Still, M. et al.* (8 authors) 2001, ApJ 553, 776. (1bx) Warped AD model fits short high state.

*Still, M. et al.* (9 authors) 2001, ApJ 554, 352. (1bx) Atmospheric reflection during an anomalous low state.

*Voloshina, I., Sheffer, E.* 2001, AG Abstr. Ser. 18, 167. (1ao) UVB monitoring during low state (X-ray eclipse).

Sco X-1 *Fomalont, E.B., Geldzahler, B.J., Bradshaw, C.F.* 2001, ApJ 558, 283. (1r, 2b) Evolution and nature of compact radio lobes.

*Titarchuk, L.G. et al.* (4 authors) 2001, ApJ 555, L45. (1bx, 2g) Normal branch QPO's.

Sco X-2 *O'Neill, P.M. et al.* (4 authors) 2001, A&A 370, 479. (1x, 2eg) Fast-time variability of LMXB.

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## Object names including RA and DEC

2RE J0039+103 (see BK Psc)

AX J0052.9-7157 *Yokogawa, J. et al.* (4 authors) 2001, PASJ 53, L9. (1x) A Be/X-ray binary pulsar, also known as RX J0052.9-7158 and XTE J0054-720.

RX J0203.8+2959 *Katajainen, S. et al.* (5 authors) 2001, A&A 372, 945. (1ad, 2eg) Polarimetry of CV.

GRO J0422+32 *Fender, R.P.* 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.

PSR J0437-4715 *Vivekanand, M.* 2001, MNRAS 326, L33. (1r, 2e) Radio profile instability.

A 0535+26 *Ikhsanov, N.R., Larionov, V.M., Beskrovnaya, N.G.* 2001, A&A 372, 227. (2g, 5) On the accretion flow geometry.

RX J0544.1-7100 *Coe, M.J. et al.* (5 authors) 2001, MNRAS 324, 623. (1aboix, 2ace, 3c) Optical counterparts to transient sources.

RX J0558+5353 (see V405 Aur)

A 0620-00 *Froning, C.S., Robinson, E.L.* 2001, AJ 121, 2212. (1ai, 2a) Ellipsoidal variable with hot spot.

HS 0705+6700 *Drechsel, H. et al.* (7 authors) 2001, AG Abstr. Ser. 18, 95. (1abo, 2abcef) New sdB EB.

RX J0812.4-3114 *Galloway, D.K. et al.* (4 authors) 2001, MNRAS 325, 419. (1x, 2ceg) Accretion column eclipses confirmed.

PG 0856+121 *Ulla, A. et al.* (4 authors) 2001, A&A 369, 986. (1a, 2e) On the multiple nature of hot subdwarf.

PG 0900+400 (see BI Lyn)

2S 0918-549 *Jonker, P.G. et al.* (9 authors) 2001, ApJ 553, 335. (1bi) Discovery of kilohertz QPO.

PSR J1012+5307 *Lange, Ch. et al.* (7 authors) 2001, MNRAS 326, 274. (1ro, 2ac, 5) Long-term high-precision timing observations.

HS 1023+3900 *Schwarz, R., Schwobe, A.D., Staude, A.* 2001, A&A 374, 189. (1a, 2e, 3d) Photometry of CV.

XTE J1118+480 2001, IAU Circ. 7617. (1a) Analysis of periodicities.  
*Dubus, G. et al.* (5 authors) 2001, ApJ 553, 307. (1bv, 2a) Observed in outburst.  
*Esin, A. A. et. al* (7 authors) 2001, ApJ 555, 483. (2ab) Modeling of low-state spectrum.  
*Fender, R.P. et al.* (7 authors) 2001, MNRAS 322, L23. (1r, 2eg) Spectral evidence for a powerful compact jet from the system.  
*Markoff, S., Falcke, H., Fender, R.* 2001, A&A 372, L25. (2eg, 5) Jet model for BH candidates.  
*McClintock, J.E. et al.* (6 authors) 2001, ApJ 551, L147. (1bv, 2bc) BH greater than 6 solar mass in system.  
*McClintock, J.E. et. al* (16 authors) 2001, ApJ 555, 477. (1aboux) Simultaneous observations of black hole nova.  
*Pooley, G.G.* 2001, MNRAS 324, L23. (1r, 2c) Search for periodicities in the radio emission.  
*Wagner, R.M. et. al* (7 authors) 2001, ApJ 556, 42. (1abo, 2ab) Soft X-ray transient is a strong candidate black-hole binary.  
*Wren, J. et. al* (16 authors) 2001, ApJ 557, L97. (1o, 2g) Optical observations during X-ray outburst.

HS 1136+6646 *Holberg, J.B. et al.* (4 authors) 2001, AG Abstr. Ser. 18, 188. (1biou) New short-period, possibly eclipsing DAO + dMe system.

PSR B1259-63 *Johnston, S. et al.* (5 authors) 2001, MNRAS 326, 643. (1r, 2e) Multifrequency radio observations.

GS 1354-64 *Fender, R.P.* 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.  
*Brocksopp, C. et al.* (6 authors) 2001, MNRAS 323, 517. (1abiorx, 2ceg) Study of outburst from multiwavelength observations.

XTE J1543-568 *in 't Zand, J.J.M., Corbet, R.H.D., Marshall, F.E.* 2001, ApJ 553, L165. (1x, 2a, 3b) New low-eccentricity Be XRB.

XTE J1550-564 *Jain, R.K. et al.* (5 authors) 2001, ApJ 554, L181. (1aoix) Multiwavelength observations of black hole candidate during 2000 outburst.  
*Wilson, C.D., Done, C.* 2001, MNRAS 325, 167. (1bx, 2eg) Mapping the inner accretion disc.

RX J1608.6-3922 *Joergens, V. et al.* (5 authors) 2001, A&A 373, 966. (1ab) Not a binary but a spotted single star.

4U 1608-52 *Revnivtsev, M. et al.* (4 authors) 2001, A&A 372, 138. (1x, 2eg) Quasi-periodic variations.

4U 1624-49 *Smale, A.P., Church, M.J., Balucinska-Church, M.* 2001, ApJ 550, 962. (1cx, 2c) Five complex dips observed.

4U 1630-47 *Augusteijn, T., Kuulkers, E., van Kerkwijk, M.H.* 2001, A&A 375, 447. (1aei, 3bd) IR counterpart of BH candidate.  
*Trudolyubov, S.P., Borozdin, K.N., Priedhorsky, W.C.* 2001, MNRAS 322, 309. (1ax, 2eg) Spectral properties of the source and their correlation with timing properties.

4U 1636-53 *Wijnands, R.* 2001, ApJ 554, L59. (1bx) Recurrent very long type I X-ray bursts.

4U 1636-536 *Revnivtsev, M. et al.* (4 authors) 2001, A&A 372, 138. (1x, 2eg) Quasi-periodic variations.

RXS J16437+3402 *Mickaelian, A.M. et al.* (6 authors) 2001, AG Abstr. Ser. 18, 96. (1ab) New bright CV.

XTE J1650-500 2001, IAU Circ. 7707. (1ax, 3b) Soft X-R transient.  
2001, IAU Circ. 7708. (1v) New radio source.  
2001, IAU Circ. 7710. (1b) LMXRB in outburst.  
2001, IAU Circ. 7715. (1x) Quasi-periodic oscillations.

GRO J1655-40 *Abramowicz, M.A., Kluzniak, W.* 2001, A&A 374, L19. (5) BH spin in a LMXB.  
*Buxton, M., Vennes, S.* 2001, Publ. Astron. Soc. Australia 18, 91. (1b, 2ab) Atmospheric model fitting.  
*Combi, J.A. et al.* (4 authors) 2001, A&A 370, L5. (1r, 2e) Radio surroundings of microquasar.  
*Gierliński, M., Maciolek-Niedźwiecki, Ebisawa, K.* 2001, MNRAS 325, 1253. (1x, 2beg) Relativistic accretion disc model.  
*Greene, J., Bailyn, C.D., Orosz, J.A.* 2001, ApJ 554, 1290. (1aoi, 2abc) Microquasar in quiescence.

4U 1728-34 *Franco, L.M.* 2001, ApJ 554, 340. (1bx) Effect of mass accretion rate on burst oscillations.

PSR J1740-3052 *Stairs, I.H. et al.* (17 authors) 2001, MNRAS 325, 979. (1adir, 2abcd) Binary pulsar.

1E 1740.7-2942 *Fender, R.P.* 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.

XTE J1748-288 *Naik, S. et al.* (6 authors) 2001, Bull. Astron. Soc. India 28, 289. (1x) X-ray light curves.

GRS 1758-258 *Fender, R.P.* 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.

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KPD 1930+2752	<i>Ergma, E., Fedorova, A.V., Yungelson, L.R.</i> 2001, A&A 376, L9. (5) A type Ia supernova progenitor?
XTE J1946+274	<i>Paul, B. et al.</i> (6 authors) 2001, A&A 370, 529. (1x, 2e) IXAE observations of X-ray pulsar.
1WGA J1958.2+3232	<i>Uslenghi, M. et al.</i> (5 authors) 2001, A&A 372, L1. (1ad, 2e) Circular polarization in CV.
GS 2023+38	<i>Fender, R.P.</i> 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.
XTE J2123-058	<i>Hynes, R.I. et al.</i> (6 authors) 2001, MNRAS 324, 180. (1b, 2abc) Optical studies. Phase-resolved spectroscopy.
4U 2206+54	<i>Negueruela, I. Reig, P.</i> 2001, A&A 371, 1056. (1boux, 2e) On the nature of HMXB.

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CS 22948-027	<i>Preston, G.W., Sneden, C.</i> 2001, AJ 122, 1545. (1b, 2a, 3b) New binary including very metal-poor carbon star.
CS 22957-027	<i>Preston, G.W., Sneden, C.</i> 2001, AJ 122, 1545. (1b, 2a, 3b) New binary including very metal-poor carbon star.
GJ 876	<i>Marcy, G.W. et al.</i> (6 authors) 2001, ApJ 556, 296. (1b, 2ab) 2:1 period suggests gravitational resonance in planet pair.
Gliese 644	<i>Mazeh, T. et al.</i> (9 authors) 2001, MNRAS 325, 343. (1bo, 2ab) Spectroscopic study and modelling.
GSC 0752.2349	<i>Bernhard, K. et al.</i> (4 authors) 2001, IBVS 5168. (1a, 2c, 3b) A new W UMa-type EB.
GSC 0870.0798	<i>Robb, R.M., Wagg, J., Berndsen, A.</i> 2001, IBVS 5088. (1a, 2c, 3d) Brightness variation of X-ray source.
GSC 1522.599	<i>Blöttler, E., Diethelm, R.</i> 2001, IBVS 5146. (1af, 2c) A new ROTSE1 EB in Her.

GSC 1991.1390	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5052. (1af, 2c) A new ROTSE1 EB in Com.
GSC 1991.1633	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5052. (1af, 2c) A new ROTSE1 EB in Com.
GSC 2016.839	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5125. (1a, 2c) A new ROTSE1 EB in Boo.
GSC 2020.736	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5125. (1a, 2c) A new ROTSE1 EB in Boo.
GSC 2020.873	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5125. (1a, 2c) A new ROTSE1 EB in Boo.
GSC 2022.79	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5125. (1a, 2c) A new ROTSE1 EB in Boo.
GSC 2063.902	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5146. (1af, 2c) A new ROTSE1 EB in Her.
GSC 2066.1210	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5146. (1af, 2c) A new ROTSE1 EB in Her.
GSC 2530.488	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5052. (1af, 2c) A new ROTSE1 EB in CVn. <i>Bloomer, R., et al.</i> (4 authors) 2001, IBVS 5149. (1af, 2c, 3d) Preliminary photometric solution.
GSC 2594.1289	<i>Blättler, E., Diethelm, R.</i> 2001, IBVS 5146. (1af, 2c) A new ROTSE1 EB in Her.
GSC 2895.1173	<i>Robb, R.M., Wagg, J., Berndsen, A.</i> 2001, IBVS 5079. (1a, 3d) Brightness variation of X-ray source.
GSC 3002.0454	<i>Williams, D.B.</i> 2001, IBVS 5084. (1ap, 2c, 3b) A new Algol-type EB in UMa.
GSC 5409.1201	<i>Williams, D.B.</i> 2001, IBVS 5084. (1ap, 2c, 3b) A new Algol-type EB in Pup.
GSC 5582.0545	<i>Frank, P., Bernhard, K.</i> 2001, IBVS 5148. (1af, 2c, 3b) A new W UMa-type EB.
GX 1+4	<i>Galloway, D.K. et al.</i> (4 authors) 2001, MNRAS 325, 419. (1x, 2ceg) Accretion column eclipses confirmed.
GX 13+1	<i>Ueda, Y. et al.</i> (5 authors) 2001, ApJ 556, L87. (1bx) Iron K absorption line thought to be unique to superluminal jet sources discovered in neutron star binary.
GX 339-4	<i>Fender, R.P.</i> 2001, MNRAS 322, 31. (1r, 2eg) Flat radio spectra and jets imaged at radio-wavelengths.
GX 340+0	<i>Titarchuk, L.G., Osherovich, V.</i> 2001, ApJ 555, L55. (1bx5) Classification of power-density spectrum and estimation of $\delta$ -invariant value.
Haro 6-10	<i>Leinert, C. et al.</i> (6 authors) 2001, A&A 369, 215. (1i, 2e) Variability of young binary.
LD 328	<i>Lloyd, C. et al.</i> (9 authors) 2001, IBVS 5111. (1af, 2c) Parabolic light elements. <i>Lloyd, C. et al.</i> (6 authors) 2001, IBVS 5112. (1a, 2a) Light-curve solution.
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NSV 01012	<i>Berthold, T. et al.</i> (5 authors) 2001, IBVS 5171. (1afp, 2c, 3b) New EB.

NSV 02544	<i>Pejcha, O. et al.</i> (6 authors) 2001, IBVS 5132. (1af, 2c, 3bd) New W UMa-type EB.
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TmzV36	<i>Kato, T., Uemura, M.</i> 2001, IBVS 5097. (1a) Outburst photometry.
WR147 (AS431)	<i>Setia Gunawan, D.Y.A. et al.</i> (4 authors) 2001, A&A 368, 484. (1r, 2ce) Radio light curves for WR binary.
47 Tuc U	<i>Edmonds, P.D. et al.</i> (5 authors) 2001, ApJ 557, L57. (1aox, 2c) Detection of 0.429d-period blue companion to 4.3 ms pulsar.

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LMC X-3	<i>Boyd, P.T., Smale, A.P., Dolan, J.F.</i> 2001, ApJ 555, 822. (1abdux) Periodic amplitude modulation.
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RX J0052.1-7319 (SMC)	<i>Covino, S. et al.</i> (7 authors) 2001, A&A 374, 1009. (1ab, 2e, 3cd) Optical counterpart.
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XTE J0111.2-7317 (SMC)	<i>Covino, S. et al.</i> (7 authors) 2001, A&A 374, 1009. (1ab, 2e, 3cd) Optical counterpart.
Sk-67 18 (LMC)	<i>Niemela, V.S., Seggewiss, W., Moffat, A.F.J.</i> 2001, A&A 369, 544. (1ab, 2a) Multiple system with EB.
Novae in M31	2001, IAU Circ. 7615. (1a, 3b) 2001, IAU Circ. 7684. (1a, 3b) 2001, IAU Circ. 7703. (1a, 3b).

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## Proceedings of Conferences, Symposia, and Monographs

### Third Microquasar Workshop

*Castro-Tirado A.J., Gremer J., Paredes J.M.* (guest-eds) Proceedings of the Granada Workshop on relativistic jet sources, September 3-11, 2000. Supplement to Ap&SS 276 (several papers on X-R binaries).

The international scientific conference “Variable stars - 2001”, which took place in Odessa (Ukraine), August 20-25, 2001, included the following papers.

**Alawy A., Ahmed-Essam M.E.** Photometric study of the short period W UMa-type system VW Cephei.

**Andronov I.L.** Magnetic cataclysmic variables: 25 years of exciting performance.

**Andronov I.L. et al.** (4 authors) BH Lyn: UBVRi and CCD photometry of the eclipsing cataclysmic variable.

**Andronov I.L. et al.** (4 authors) Early superhumps in the “King of the superoutbursts” system WZ Sge.

**Baklanov A.V., Pavlenko E.P.** Photometrical study of SU UMa-type binary RZ LMi during the superoutburst in 2001.

**Baklanov A.V., Pavlenko E.P.** MR Ser: Photometric portrait of unusual polar.

**Baklanov A.V., Pavlenko E.P., Dudka O.I.** CCD-photometry of cataclysmic variable ES Dra in 2001.

**Barway S.** Activity cycles in RS CVn binary system.

**Chochol D.** Multi-frequency study of symbiotic novae.

**Chochol D., Parimucha S., Pribulla T.** An active binary XY UMa revisited.

**Feast M.W.** Variable stars as distance indicators: current problems.

**Gamarova A.Yu., Mkrtychian D.E., Kusakin A.V.** Spatial filtration and mode identification. Application to pulsating components in eclipsing binaries.

**Halevin A.V., Ostrova N.I.** Modeling of the shot noise variability in the AM Her-type objects.

**Irsambetova T.R.** Analysis of multi-color photometric observations of SS 433.

**Jassur D.M.** Photometric studies of marginally contact binaries.

**Kalimeris T., Rovithis-Livaniou H.** Observed properties of contact binary systems.

**Karitskaya E.A.** The results of multi-colour research of x-ray binary Cyg X-1 - evidences of unstable

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**Kilpio A.A. et al.** (5 authors) Lifetime of the accretion disk in binaries after mass transfer termination.

**Kilpio E.Y., Boyarchuk A.A.** Multifrequency analysis of Z And spectra.

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**Kurpinska-Winiarska M., Oblak E.** Eclipsing binaries with close third companion - new candidates.

**Kuznetsov O.A. et al.** (5 authors) Synthetic Doppler tomograms of gaseous flows in binary system IP Peg.

**Mkrtichian D.E. et al.** (4 authors) Pulsating components of eclipsing binaries: an overview.

**Nazarenko V.V., Glazunova L.V., Karetnikov V.G.** Two-d mass transfer in  $\beta$  Lyrae system.

**Niarchos P.G.** Eclipsing binary stars: light curve models and software.

**Parimucha S., Pribulla T., Chochol D.** Model of the symbiotic nova V1016 Cygni.

**Polubek G.** DV Aquarii revisited.

**Prokhorov M.E., Postnov K.A.** Why is NS and BH mass distribution bimodal?

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**Pustynski V.F., Pustylnik I., Kubat J.** Reprocessing of Lyman continuum in precataclysmic binaries (PCB).

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**Solheim J.** The AM CVn systems - the final stage of binary white dwarf evolution.

**Vanko M. et al.** (4 authors) Monitoring of the short- period contact systems.

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