International Astronomical Union
Commission 42

BIBLIOGRAPHY OF CLOSE BINARIES

No. 66

Material published by March 15, 1998

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! NEW TITLE !

From issue no. 66 on the **"Program Notes"** section will no longer be used, and
"BIBLIOGRAPHY AND PROGRAM NOTES ON CLOSE BINARIES (BPN)"
is renamed to:
"BIBLIOGRAPHY OF CLOSE BINARIES (BCB)"

The bibliographical entries for *Individual Stars* and *Collections of Data* are categorized according to the following coding scheme:

1. Observational data

- a. Photometry
- b. Spectroscopy
- c. Spectrophotometry
- d. Polarimetry
- e. Astrometry, interferometry
- f. Times of minima
- g. γ-ray data
- i. Infrared data
- o. Optical data
- p. Photographic data
- r. Radio data
- u. Ultraviolet data
- v. Visual estimates
- x. X-ray data

2. Derived physical data

- a. Orbital elements
- b. Absolute dimensions, masses
- c. New or improved ephemeris, period variations
- d. Apsidal motion
- e. Physical properties of stellar atmospheres
- f. Chemical abundances
- g. Accretion disks and accretion phenomena

3. Catalogues, discoveries, charts

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

4. Observational techniques

5. Theoretical investigations

6. Statistical investigations

7. 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

Z And	*Schmid, H.M., Schild, H.* 1997, A&A 327, 219. (1d, 2ab) Raman line polarimetry.
RX And	*Kjurkchieva, D., Marchev, D., Ogloza, W.* 1997, Ap&SS 250, 261. (1a) Multicolor photometry.
DX And	*Bruch, A. et al.* (5 authors) 1997, A&A 327, 1107. (1b, 2ace) Double-lined CV.
EG And	*Wilson, R.E., Vaccaro, T.R.* 1997, MNRAS 291, 54. (1a, 2ab) Ellipsoidal variation.
KX And	*Taranova, O.G.* 1997, Pis. AZh 23, 810. (1i, 2e)
UU Aqr	*Hoard, D.W. et al.* (5 authors) 1998, MNRAS 294, 689. (1b, 2a) AD, Doppler tomograms, and system model.
VY Aqr	*Thorstensen, J.R., Taylor, C.J.* 1997, PASP 109, 1359. (1ab, 2a)
V605 Aql	*Clayton, G.C., de Marco, O.* 1997, AJ 114, 2679. (1boi, 2e) Object like FG Sge.
V1101 Aql	*Masetti, N., Della Valle, M.* 1998, A&A 331, 187. (1a, 2cg) Possible orbital period of CV.
V1333 Aql	1998, IAU Circ. 6806. (1a) Modulations related to the orbital motion. 1998, IAU Circ. 6828. (1x) New outburst. 1998, IAU Circ. 6832. (1a) Optical brightening.
V1405 Aql (4U 1915-05)	1997, IAU Circ. 6793. (1x) High frequency QPOs.
V1425 Aql (Nova 1995)	*Kamath, U.S. et al.* (4 authors) 1997, AJ 114, 2671. (1aboi, 2ef) *Retter, A., Leibowitz, E.M., Kovo-Kariti, O.* 1998, MNRAS 293, 145. (1a, 2cg) Accretion in IP candidate.
UX Ari	*Trigilio, C., Leto, P., Umana, G.* 1998, A&A 330, 1060. (1r, 2e) Radio flares in RS CVn star.
XY Ari	*Hellier, C.* 1997, MNRAS 291, 71. (1ax, 2bg) Size of accretion region in IP. *Hellier, C., Mukai, K., Beardmore, A.P.* 1997, MNRAS 292, 397. (1ax) Outburst of IP.
α Aur (Capella)	*Katsova, M.M., Shcherbakov, A.G.* 1998, A&A 329, 1080. (1bi, 2e) Variation of He I line. *Linsky, J.L., Wood, B.E.* 1998, ApJ 492, 767. (1bu) Observations of Corona.
β Aur	*Johansen, K.T., Sørensen, H.* 1997, IBVS 4533. (1f, 2c)
χ Aur	*Raja, T., Wolf, M.* 1998, A&A 331, 550. (1b, 2ace) Hα variability of SB.
RW Aur	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios.
AR Aur	*Adelman, S.J.* 1998, A&AS 128, 245. (1a, 2e) Chemically peculiar binary. *Johansen, K.T., Sørensen, H.* 1997, IBVS 4533. (1f)
BF Aur	*Demircan, O. et al.* (8 authors) 1997, Rev. Mex. Astron. Astrophys. 33, 131. (1a, 2ab) *Djurasevic, G. et al.* (6 authors) 1998, Ap&SS 253, 265. (1a,2a)
V405 Aur (RX J0558.0+5353)	1997, IAU Circ. 6760. (1x) Periodic variation of circular polarization.
44i Boo	*Rucinski, S.M.* 1998, AJ 115, 303. (1abu, 2e) EUVE observations.

AD Boo	*Popper, D.M.* 1998, AJ 1135, 338. (1b, 2ae)
CR Boo	*Patterson, J. et al.* (15 authors) 1997, PASP 109, 1100. (1ab) Superhumps in helium dwarf nova.
54 Cam (AE Lyn)	*Fekel, F.C. et al.* (4 authors) 1998, AJ 115, 1153. (1b, 2abe)
Z Cam	*Oppenheimer, B.D., Kenyon, S.J., Mattei, J.A.* 1998, AJ 115, 1175. (1a, 2g) Analysis of AAVSO observations.
SV Cam	*Djurasevic, G.* 1998, A&AS 127, 233. (2ae) Active EB.
AZ Cam	*Kuschnig, R. et al.* (5 authors) 1997, A&A 328, 544. (1a, 4) Microvariability of EB?
BZ Cam	*Ringwald, F.A., Naylor, T.* 1998, AJ 115, 286. (1bc, 2eg) Variable wind from CV.
WY Cnc	*Heckert, P.A. et al.* (6 authors) 1998, AJ 115, 1145. (1a, 2ae)
CC Cnc	*Thorstensen, J.R.* 1997, PASP 109, 1241. (1b, 2a)
AM CVn	*Harvey, D.A. et al.* (7 authors) 1998, ApJ 493, L87. (1x) KHz QPO's.
BI CVn	*Vandenbroere, J.* 1998, IBVS 4554. (1af, 2c)
τ CMa	*Stickland, D., Lloyd, C., Sweet, I.* 1998, Observatory 118, 7. (2ab) Complex multiple system; IUE observations.
	van Leeuwen, F., van Genderen, A.M. 1997, A&A 327, 1070. (1a, 2ac, 3b) Shortest period O-type EB.
UW CMa (29 CMa)	*van Leeuwen, F., van Genderen, A.M.* 1997, A&A 327, 1070. (2c)
42 Cap	*Fekel, F.C.* 1997, AJ 114, 2747. (1b, 2ab)
η Car	*Corcoran, M.F. et al.* (5 authors) 1997, Nature 390, 587. (1x) Increasing X-ray emission; possible binary; see also *News & Views* (Livio).
RX Cas	*Taranova, O.G., Shenavrin, V.I.* 1997, Pis. AZh 23, 803. (1ai, 2b)
TV Cas	*Brandt, W.N. et al.* (4 authors) 1997, MNRAS 291, 709. (1ax) First X-ray detection.
BH Cas	*Brandt, W.N. et al.* (4 authors) 1997, MNRAS 291, 709. (1ax) First X-ray detection.
BW Cas	*Diethelm, R.* 1997, IBVS 4515. (1af)
CR Cas	*Clement, R., Fabregat, J.* 1998, A&AS 128, 139. (1a, 2a) Detached EB.
V705 Cas	*Mason, C.G. et al.* (6 authors) 1998, ApJ 494, 783. (1abi) Spectrophotometric observations to $\sim$ 900 days after outburst.
Nova Cas 1993	*Eyres et al.* (5 authors) 1997, Ap&SS 251, 303. (5)
α Cen C (Proxima Cen)	*Schultz, A.B. et al.* (13 authors) 1998, AJ 115, 345. (1e, 3b) HST observations of possible companion.
VW Cep	*Chou, C.S., Dotiani, T.* 1998, ApJ 492, 761. (1x) ASCA Observations of X-ray flare associated with hot primary component.
	Kaszas, G. et al. (7 authors) 1998, A&A 331, 224. (1ab, 2ace) Activity cycle.
	Rucinski, S.M. 1998, AJ 115, 303. (1abu, 2e) EUVE observations.
CQ Cep	*Harries, T.J., Hilditch, R.W.* 1997, MNRAS 291, 544. (1cd, 2ab)
WW Cet	*Tappert, C. et al.* (4 authors) 1997, A&A 327, 231. (1ab, 2bceg) Periodic phenomena of CV.

BW Cir (X 1354-644, GS 1354-64)	1997, IAU Circ. 6774. (1x) Outburst. 1997, IAU Circ. 6775. (1a) 1997, IAU Circ. 6779. (1r) Possible radio counterpart. 1997, IAU Circ. 6790. (1x) X-ray spectrum. 1998, IAU Circ. 6815. (1b) Strong emission lines from probable BH.
AL Com	*Howell, S.B., Hauschildt, P., Dhillon, V.S.* 1998, ApJ 494, L223. (1b) Time-resolved spectroscopy of TOAD CV. *Nogami, D. et al.* (7 authors) 1997, ApJ 490, 840. (1ao) Superoutburst in 1995.
β Crt	*Duemmler, R. et al.* (4 authors) 1997, A&A 328, L37. (1b, 2c) A Sirius-like system?
V Crt	*Sarma, M.B.K., Rao, P.V.* 1998, PASP 110, 93. (1a, 2a)
β Cru	*Aerts C. et al.* (8 authors) 1998, A&A 329, 137. (1b, 2a) On the binary nature of β Cep star.
BY Cru	*Daems, K., Waelkens, C.* 1997, A&A 327, 640. (1bou, 2eg) Mass-transfer in W Ser-type star.
SW Cyg	*Simon, V.* 1997, A&A 327, 1087. (2c) Period study of Algol-type star.
BF Cyg	*Skopal, A. et al.* (6 authors) 1997, MNRAS 292, 703. (1abou, 2ac)
CH Cyg	*Costa, R. D. D., Mc Karnia, D., Lefevre, J.* 1997, Ap&SS 251, 185. (5) Model of dust envelope. *Rodgers, B. et al.* (6 authors) 1997, PASP 109, 1093. (1a, 2g) *Skopal, A. et al.* (4 authors) 1998, A&A 331, 179. (1bu, 2e) Symbiotic pair in triple system. *Skopal, A. et al.* (4 authors) 1998, A&A 331, 224. (1bu, 2e) Confirmation of triple nature.
GO Cyg	*Jassur, D. M. Z.* 1997, Ap&SS 249, 115. (1a, 2a) LC solution. *Edalati, M. T., Atighi, M.* 1997, Ap&SS 253, 107. (1a, 2a) LC solution. *Rovithis-Livaniou, H. et al.* (5 authors) 1997, A&A 327, 1017. (1a, 2ac) Analysis of near-contact EB.
MR Cyg	*Linnell, A.P. et al.* (4 authors) 1998, ApJ 494, 773. (1abc, 2b) LC - RV curve - spectral profile synthesis model reveals hot Algol system.
V367 Cyg	*Taranova, O.G.* 1997, Pis. AZh 23, 810. (1i, 2e).
V373 Cyg	*Berdyugin, A.V.* 1998, Pis. AZh 24, 109. (1ad)
V541 Cyg	*Lacy, C.H.S.* 1998, AJ 115, 881. (1b, 2abd)
V909 Cyg	*Lacy, C.H.S.* 1997, AJ 114, 2140. (1b, 2ab)
V1481 Cyg	*Zakirov, M.M.* 1998, Pis. AZh 24, 145. (1a, 2a)
V1504 Cyg	*Nogami, D., Masuda, S.* 1997, IBVS 4532. (1a, 3d) Outbursts of dwarf novae. *Thorstensen, J.R., Taylor, C.J.* 1997, PASP 109, 1359. (1ab, 2a)
V1974 Cyg (Nova Cyg 1992)	*Shore, S.N. et al.* (4 authors) 1997, ApJ 490, 393. (1bu) Temperature and luminosity do not fit WD cooling tracks.
AG Dra	*Bastian, U.* 1998, A&A 329, L61. (1ar, 2c) Unexpected period of symbiotic star.
CM Dra	*Viti, S. et al.* (8 authors) 1997, MNRAS 291, 780. (1bio, 2bef) Chemically peculiar system.
YY Eri	*Kim, C.-H. et al.* (5 authors) 1997, AJ 114, 2753. (1f, 2ce)
AH Eri	*Thorstensen, J.R.* 1997, PASP 109, 1241. (1b, 2a)

NQ Gem	*Dalmeri, I., Rejkuba, M., Munari, U.* 1997, IBVS 4521. (1a) Quiescent symbiotic star?
4 Her	*Koubsky, P. et al.* (9 authors) 1997, A&A 328, 551. (1ab, 2abe) Spectral and light variation of Be SB.
DI Her	*Claret, A.* 1998, A&A 330, 533. (2d,5) Apsidal motion revisited.
V443 Her	*Kolotilov, E.A. et al.* (4 authors) 1998, Pis. AZh 24, 39. (1aci, 2ae)
V446 Her	*Honeycutt, R.K. et al.* (4 authors) 1998, ApJ 495, 933. (1a) Confirmed to be a normal dwarf nova.
V719 Her	*Schmidt, E.G.* 1998, IBVS 4552. (1a)
V795 Her	*Ding, Y., Zhao, H., Li, Z.* 1997, Acta Astron. Sinica 38, 426. Short-period oscillation.
EX Hya	*Greeley, B.W. et al.* (4 authors) 1997, ApJ 488, 419. (1bu)
HS Hya	*Torres, G. et al.* (6 authors) 1997, AJ 114, 2764. (1b, 2ab)
IL Hya	*Weber, M., Strassmeier, K.G.* 1998, A&A 330, 1029. (1ab, 2abcef) Doppler imaging of RS CVn star.
LW Hya	*Gatti, A.A. et al.* (6 authors) 1997, MNRAS 291, 773. (1b, 2a) Long-term RV variations.
BL Hyi	*Middleditch, J., Imamura, J.N., Steiman-Cameron, T.Y.* 1997, ApJ 489, 912. (1ao) QPOs.
14 Lac	*Bossi, M. et al.* (5 authors) 1998, A&AS 127, 433. (1ab) A shell-orbit coupling binary?
RT Lac	*Kijewski, K., Milone, E.F.* 1998, J. R. Astron. Soc. Can. 92, 29. (1aoi, 2ae, 7a)
AR Lac	*Jetsu, L. et al.* (6 authors) 1997, A&A 326, 698. (2c) Period variations of RS CVn star.
73 Leo	*Mason, B.D. et al.* (5 authors) 1997, AJ 114, 1607. (1bce, 2ae)
T Leo	*Belle, K. et al.* (5 authors) 1998, PASP 110, 47. (1bcu, 2g)
DU Leo	*Popper, D.M.* 1998, AJ 1135, 338. (1b, 2ae)
SX LMi	*Nogami, D., Masuda, S., Kato, T.* 1997, PASP 109, 1114. (1a) New SU UMa system.
	Wagner, R.M. et al. (9 authors) 1998, AJ 115, 868. (1ab)
AE Lyn (54 Cam)	*Fekel, F.C. et al.* (4 authors) 1998, AJ 115, 1153. (1b, 2abe)
V361 Lyr	*Hilditch, R.W. et al.* (5 authors) 1997, MNRAS 291, 749. (1abf, 2ac)
AU Mon	*Sahade, J. et al.* (5 authors) 1997, PASP 109, 1237. (1b, 2a)
	Vivekananda Rao, P., Sarma, M.B.K. 1998, A&AS 128, 441. (1ab) Re-analysis of semidetached EB.
DD Mon	*Qian, S. et al.* (5 authors) 1997, A&AS 125, 475. (1a, 2abc) Near contact EB.
V651 Mon (PN NGC 2346)	*Smalley, B.* 1997, Observatory 117, 338 (1c, 2e)
V694 Mon (MWC 560)	*Chentsov, E.L. et al.* (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 18. (1bc)
	Mikolajewski, M. et al. (4 authors)1997, IBVS 4519. (1ab) Drop in brightness of symbiotic-like star.
	Panferov, A.A. et al. (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 37. (2e)

Nova Mus 1991	*Esin, A.A., McClintock, J.E., Narayan, R.* 1997, ApJ 489, 865. (2g, 5)
QX Nor (4U 1608-52)	1998, IAU Circ. 6819. (1x) Outburst. 1998, IAU Circ. 6824. (1a) Optical flare.
U Oph	*Eritsian, M.A. et al.* (4 authors) 1998, A&A 329, 1075. (1ad) Polarization variations of EB.
V839 Oph	*Akalin, A., Derman, E.* 1997, A&AS 125, 407. (1a, 2ac) A-type W UMa system.
V2116 Oph	1997, IAU Circ. 6749. (1a) Rapid NS spin-down in LMXB. *Chakrabarty, D., Roche, P.* 1997, ApJ 489, 254. (1abiox, 2g)
V2301 Oph	*Hessman, F.V. et al.* (5 authors) 1997, A&A 327, 245. (1ux, 2eg) ROSAT and IUE observations of CV. *Simic, D. et al.* (5 authors) 1998, A&A 329, 115. (1bc, 2eg) Eclipsing AM Her-type.
Nova Oph 1994	*Hu, J., Jiang, X.* 1997, Acta Ap. Sinica 17, 175. (1b)
BM Ori	*Bondar, N.I., Vitrichenko, E.A.* 1997, AZh 74, 701. (1a)
EW Ori	*Wolf, M. et al.* (4 authors) 1997, IBVS 4542. (1f, 2cd)
GG Ori	*Zakirov, M.M.* 1997, Pis. AZh 23, 626. (1a, 2a)
OS Ori	*Zakirov, M.M.* 1997, Pis. AZh 23, 626. (1a, 2a)
V529 Ori (Nova Ori 1667)	*Ringwald, F.A., Naylor, T.* 1997, A&A 326, 629. (1be) Hibernating nova?
51 Peg	*Gray, D.F.* 1998, Nature 391, 153. Oscillations previously reported not evident in new data. *Hatzes, A.P., Cochran, W.D., Bakker, E.J.* 1998, Nature 391, 154. Further evidence for planet.
EF Peg	1997, IAU Circ. 6767. (1v) Super-outburst. 1997, IAU Circ. 6773. (1v, 7b) Correct position.
EZ Peg	*Montes, D. et al.* (5 authors) 1998, A&A 330, 155. (1b, 2e) Active RS CVn system.
II Peg	*Byrne, P.B. et al.* (17 authors) 1998, A&AS 127, 505. (1abiou) Activity in RS CVn star.
IM Peg	*Olah, K. et al.* (5 authors) 1998, A&A 330, 559. (1bou, 2ace) Line analysis of RS CVn star.
IP Peg	*Bobinger, A. et al.* (4 authors) 1997, A&A 327, 1023. (1a, 2g) Eclipse maps of CV.
12 Per	*Scarfe, C.D., Barlow, D.J.* 1998, J.R. Astron. Soc. Can. 92, 32. (1b, 2ab, 7a)
ϕ Per	*Clarke, D., Bjorkman, K.S.* 1998, A&A 331, 1059. (1d) *Gies, D.R. et al.* (7 authors) 1998, ApJ 493, 440. (1b, 2ag) Double-lined RV curves, model.
X Per	*Haberl, F. et al.* (4 authors) 1998, A&A 330, 189. (1x) Slow X-ray pulsar. *Liu, Q., Hang, H.* 1997, Acta Astron. Sinica 38, 434. (1ab)
UV Per	*Thorstensen, J.R., Taylor, C.J.* 1997, PASP 109, 1359. (1ab, 2a)
HW Per	*Samec, R.G, Carrigan, B., McDermith, R.* 1997, IBVS 4516. (1af, 2c, 3d)
IQ Per	*Degirmenci, O.L.* 1997, Ap&SS 253, 237. (1a, 2a)
V505 Per	*Demircan, O., Ozdemir, S., Tanriver M.* 1997, Ap&SS 250, 325. (1a, 2a, 2b)

TV Pic	*Pavlovski, K. et al.* (8 authors) 1998, A&A 331, 639. (1ab, 2abce) Binary model for ellipsoidal variable.
VZ Pyx	*Thorstensen, J.R.* 1997, PASP 109, 1241. (1b, 2a)
i Sge	*Leushin, V.V. et al.* (3 authors) 1998, Pis. AZh 24, 45. (2ef, 5)
v Sge	*Leushin, V.V. et al.* (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 55. (2ef)
U Sge	*Simon, V.* 1997, A&A 327, 1087. (2c) Period study of Algol-type star.
V Sge	*Mader, J.A., Shafter, A.W.* 1997, PASP 109, 1351. (1a, 2acg)
WZ Sge	*Welsh, W.F. et al.* (5 authors) 1997, MNRAS 291, L57. (1bu, 2e) Discovery of UV oscillations.
V743 Sgr	*Samec, R.G., Carrigan, B.J., Looi, M.W.* 1998, AJ 115, 1160. (1af, 2a) Active W UMa system. *Samec, R.G, Looi, M.W., Carrigan, B.* 1997, IBVS 4515. (1af, 3d)
V3903 Sgr	*Vaz, L.P.R. et al.* (4 authors) 1997, A&A 327, 1094. (1ab, 2abc) O-type EB in the Lagoon Nebula. *Vaz, L.P.R. et al.* (8 authors) 1998, A&AS 128, 251. (1a) LCs of O-type EBs.
V906 Sco	*Alencar, S.H.P., Vaz, L.P.R., Helt, B.E.* 1997, A&A 326, 709. (1ab, 2abcd) EB member of M7. *Vaz, L.P.R. et al.* (7 authors) 1997, A&AS 125, 471. (1a) Detached EB.
Nova Sco 1997	1997, IAU Circ. 6778. (1x)
MY Ser	*van Leeuwen, F., van Genderen, A.M.* 1997, A&A 327, 1070. (2c)
NY Ser (PG 1510+234)	*Nogami, D. et al.* (4 authors) 1998, PASJ 50, L1. (1a) In-the-gap SU UMa-type dwarf nova.
SW Sex	*Dhillon, V.S., Marsh, T.R., Jones, D.H.P.* 1997, MNRAS 291, 694. (1bcf, 2bce) Doppler tomograms.
36 Tau	*Mason, B.D. et al.* (5 authors) 1997, AJ 114, 1607. (1bce, 2ae)
T Tau	*Hogerheijde, M.R. et al.* (5 authors) 1997, ApJ 490, L99. (1i,2g) Detection of a dust disk.
RZ Tau	*Morris, S.L., Naftilan, S.A.* 1997, AJ 114, 2145. (1a, 2abe)
UZ Tau	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios.
DF Tau	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios.
GG Tau	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios.
V410 Tau	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios and discovery of third component.
V471 Tau	*Barstow, M.A. et al.* (4 authors) 1997, MNRAS 290, 505. (1beu, 2be) WD radius and mass determination. *Martin, E.L., Pavlenko, Y., Rebolo, R.* 1997, A&A 326, 731. (1b, 2f) Lithium in EB member of the Hyades.
V773 Tau	*Ghez, A.M., White, R.J., Simon, M.* 1997, ApJ 490, 353. (1io) Multiple star formation scenarios.
V1094 Tau	*Kaiser, D.H., Frey, G.* 1998, IBVS 4544. (1af, 2c)
QS Tel	*de Martino, D. et al.* (6 authors) 1998, A&A 329, 571. (1bu, 2eg)
RW Tri	*Smak, J.* 1998, Acta Astron. 48, 59. (2g)

KZ TrA (4U 1626-67)	*Chakrabarty, D.* 1998, ApJ 492, 342. (1ao) High speed X-ray pulsations corroborated by UBVRI photometry.
W UMa	*Morgan, N., Sauer, M., Guinan, E.* 1997, IBVS 4517. (1af) Strømgren y and intermediate-band Hα photometry.
SW UMa	1997, IAU Circ. 6760. (1v) Super-outburst.
	Nogami, D. et al. (4 authors) 1998, PASJ 50, 297. (1a) 1996 superoutburst.
TX UMa	*Taranova, O.G., Shenavrin, V.I.* 1997, Pis. AZh 23, 803. (1ai, 2b)
UX UMa	*Smak, J.* 1998, Acta Astron. 48, 59. (2g)
XY UMa	*Erdem, A., Gueduer, N.* 1998, A&AS 127, 257. (1a, 2abce) Spotted EB.
	Pojmanski, G., Udalski, A. 1997, Acta Astron. 47, 451. (1ab, 2ab)
ZZ UMa	*Clement, R. et al.* (5 authors) 1997, A&AS 125, 529. (1a, 2ab) Detached EB.
γ2 Vel	*Schmutz, W. et al.* (12 authors) 1997, A&A 328, 219. (1b, 2abc) Spectroscopic orbit of WR binary.
AC Vel	*Johansen, K.T., Helt, B.E., Clausen, J.V.* 1997, IBVS 4520. (1af, 2c) Call for observations.
CG Vel	*Cerruti, M.A.* 1997, IBVS 4529. (1f, 2c)
HU Vir	*Endl, M., Strassmeier, K.G., Kuster, M.* 1997, A&A 328, 565. (1x, 2e, 5) Large flare.
HW Vir	*Ding, Y., Zhao, H., Li, Z.* 1997, Acta Astron. Sinica 38, 426. Short-period oscillation.
ER Vul	*Rucinski, S.M.* 1998, AJ 115, 303. (1abu, 2e) EUVE observations.
	Rucinski, S.M. 1998, PASP 110, 272. (1ru)

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

HR 233	*Mason, B.D. et al.* (5 authors) 1997, AJ 114, 1607. (1bce, 2ae)
HR 2142	*Mennickent, R.E., Sterken, C., Vogt, N.* 1998, A&A 330, 631. (1a, 2e) Outburst periodicity in CB.
HR 6313	*Griffin, R.F., Eitter, J.J.* 1998, Observatory 118, 14. (2ab)
HR 7000	*Griffin, R.F. et al.* (4 authors) 1997, Observatory 117, 288. (1c, 2ab)
HD 5980 (in SMC)	*Sterken, C., Breysacher, J.* 1997, A&A 328, 269. (1a, 2c) Photometric campaign of WR EB.
HD 35575	*Leone, F., Catanzaro, G.* 1998, A&A 331, 627. (1b, 2f) Helium-weak SB.
HD 38602	*Leone, F., Catanzaro, G.* 1998, A&A 331, 627. (1b, 2f) Ellipsoidal variable?
HD 51565/6	*Griffin, R.F. et al.* (5 authors) 1997, Observatory 117, 351. (1b, 2a, 3b) Orbits for both visual components.
HD 84948	*Paunzen, E. et al.* (7 authors) 1998, A&A 329, 155. (1ab, 2efg, 3b) New λ Boo-type star.
HD 106225	*Hatzes, A.P.* 1998, A&A 330, 541. (1b, 2e) Tomography of RS CVn star.
HD 108651	*Iliev, I.K. et al.* (5 authors) 1998, A&AS 128, 497. (1b, 2f) Li and metal abundances of Am binary.
HD 116657	*Iliev, I.K. et al.* (5 authors) 1998, A&AS 128, 497. (1b, 2f) Li and metal abundances of Am binary.

HD 138213	*Iliev, I.K. et al.* (5 authors) 1998, A&AS 128, 497. (1b, 2f) Li and metal abundances of Am binary.
HD 143213	*Bastian, U., Born, E.* 1997, IBVS 4536. (1af, 2c, 3b)
HD 149240	*Griffin, R.E., Cornell, A.P.* 1998, MNRAS 293, 151. (1b, 2ac) Triple system.
HD 154791	*Tomasella, L. et al.* (6 authors) 1997, IBVS 4537. (1abo) Optical data during X-ray outburst.
HD 159176	*Pfeiffer, R.J. et al.* (4 authors) 1997, Observatory 117, 301. (1a, 2e)
HD 165052	*Stickland, D.J., Lloyd, C., Koch, R.F.* 1997, Observatory 117, 295. (2ab) IUE observations.
HD 171948	*Paunzen, E. et al.* (7 authors) 1998, A&A 329, 155. (1ab, 2efg, 3b) New λ Boo-type star.
HD 187399	*Berdyugin, A.V., Tarasov, A.E.* 1998, Pis. AZh 24, 139. (1d, 2a)
BD +31°643	*Brunini, A.* 1997, MNRAS 291, L47. (5) Stability of orbiting planets.
BD -21°3873	*Pereira, C.B., Porto de Mello, G.F.* 1997, AJ 114, 2128. (1bc, 2f)

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Aql X-1	*Shahbaz, T., Casares, J., Charles, P.A.* 1997, A&A 326, L5. (1b, 2ag) Rotation of companion star in X-ray transient.
	Zhang, W. et al. (5 authors) 1998, ApJ 495, L9. (1x) Millisecond oscillations during outburst.
Cyg X-1	*Carry, D.J., Finger, et al.* (7 authors) 1998, ApJ 493, L71. (1x) Hard X-ray lags.
	Chitnis, V.R., Rao, A.R., Agrawal, P.C. 1998, A&A 331, 251. (1x, 5) Wide band spectral model.
	Cui, W., et al. (4 authors) 1998, ApJ 493, L75. (1x) Simultaneous ASCA and RXTE observations during state transition.
	Dove, J.B. et al. (4 authors) 1997, ApJ 487, 759. (2g, 5)
	Kuznetsov, S. et al. (16 authors) 1997, MNRAS 292, 651. (1ax) Hard X-ray radiation.
	Misra, R., Chitnis, V.R., Melia, F. 1998, ApJ 495, 407. (1x, 2g, 5) Modeling broadband spectra using the transition disk model.
	Poutanen, J., Krolik, J.H., Ryde, F. 1997, MNRAS 292, L21. (5) Spectral transition in accreting BH.
	Rao, A.R. et al. (8 authors) 1998, A&A 330, 181. (1x, 2g) Hard and soft states of BH candidate.
Cyg X-2	*Casares, J., Charles, P., Kuulkers, E.* 1998, ApJ 493, L39. (1b, 2b) Determination of NS mass exceeding 1.88 $M_{\odot}$.
	Wijnands, R. et al. (9 authors) 1998, ApJ 493, L105. (1a) Detection of true orbital period: 1028.7325(4) sec.
Cyg X-3	*Apparao, K.M.V.* 1997, A&A 328, 595. (5) Model for infrared flaring.
	Newell, S.J., Garrett, M.A., Spencer, R.E. 1998, MNRAS 293, L17. (1r, 2g) VLBA observations.
	Schalinski, C.J. et al. (12 authors) 1998, A&A 329, (1r) VLBI monitoring of outburst.
	Trushkin, S.A. 1998, Pis. AZh 24, 19. (1x)

Her X-1	*Dal Fiume, D. et al.* (11 authors) 1998, A&A 329, L41. (1bx, 2eg) Cyclotron absorption in X-ray EB. *Maloney, P.R., Begelman, M.C.* 1997, ApJ 491, L43. (2g, 5) *Oosterbroek, T. et al.* (4 authors) 1997, A&A 327, 215. (1bx, 2g) BeppoSAX observations of pulsar. *Shakura, N.I., Postnov, K.A., Prokhorov, M.E.* 1998, A&A 331, L37. (5) Model of triaxial NS. *Still, M.D. et al.* (4 authors) 1997, MNRAS 292, 52. (1c, 2ce) Doppler tomograms.
Sco X-2 (GX 349+2, X1702-363)	*Wachter, S.* 1997, ApJ 490, 401. (1aoi, 2c) Confirmation of 22.5 hour period.
Ser X-1 (X1837+049)	*Wachter, S.* 1997, ApJ 490, 401. (1aoi, 2c) Possible misidentification of optical counterpart.

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RX J0019.8+2156	*Matsumoto, K., Fukue, J.* 1998, PASJ 50, 89. (5) Irradiated AD. *Meyer-Hofmeister, E. et al.* (5 authors) 1998, A&A 331, 612. (1ao, 2abg) Modeling of LCs of X-ray source.
PSR J0045-7319	*Lai, D.* 1997, ApJ 490, 847. (5) Tidal evolution. *Kumar, P., Quataert, E.J.* 1998, ApJ 493, 412. (5) Modeling the orbital decay.
RXTE J0053-724 (1WGA J0053.8-7226, SMC X-3)	1997, IAU Circ. 6777. (1x) Discovery of periodicity. 1997, IAU Circ. 6788. (1x) Revised position. 1997, IAU Circ. 6789. (3c) Be star as counterpart. 1997, IAU Circ. 6803. (1x) New period.
XTE J0055-724 (1SAX J0054.9-7226)	1998, IAU Circ. 6818. (1x, 3b) Probable HMXB. 1998, IAU Circ. 6822. (3c) Identification on archival data.
RX J0117.6-7330	*Coe, M.J. et al.* (5 authors) 1998, MNRAS 293, 43. (1ab, 3cd) Identification of optical/IR counterpart.
RX J0132.7-6554	*Burwitz, V. et al.* (4 authors) 1997, A&A 327, 183. (1abox, 2ceg, 3bcd) Discovery of AM Her system.
RX J0146.9+6121	*Haberl, F. et al.* (4 authors) 1998, A&A 330, 189. (1x) Slow X-ray pulsar.
RX J0222.4+4729	*Chevalier, C., Ilovaisky, S.A.* 1997, A&A 326, 228. (1abo, 2ae, 3cd) BY Dra-type binary as optical counterpart of X-ray transient.
J0437-4715	*Zavlin, V.E., Pavlov, G.G.* 1998, A&A 329, 583. (1x, 2e, 5) Interpretation of soft X-rays in NS.
RX J0527.8-6954	*Alcock, C. et al.* (20 authors) 1997, MNRAS 291, L13. (1a, 2c, 3cd) MACHO photometry.
A 0535+26	*Clark, J.S. et al.* (14 authors) 1998, MNRAS 294, 165. (1bou)
A0538-66	*Campana, S.* 1998, Astron. Nachr. 319, 105. (1x) ROSAT PSPC data of hard X-ray transient; accreting NS with shortest known spin period of 69 ms, with Be companion.
RX J0558.0+5353 (V405 Aur)	1997, IAU Circ. 6760. (1x) Periodic variation of circular polarization.
PSR J0633+1746 (Geminga)	*Malafeev, V.M., Malov, O.I.* 1997, Nature 389, 697. Detection as radio pulsar.

RX J0719.2+6557	*Tovmassian, G.H. et al.* (8 authors) 1997, A&A 328, 571 (1abox, 2aceg, 3bd) New eclipsing polar.
X0726-260	*Corbet, R.H.D., Peele, A.G.* 1997, ApJ 489, L83. (1ax, 2c)
4U 0728-25 (X0726-260)	*Corbet, R.H.D., Peele, A.G.* 1997, ApJ 489, L83. (1ax, 2c)
RX J0744-52	*Ramsay, G., Buckley, D.A.H., Cropper, M.* 1998, MNRAS 294, 187. (1abdox, 2c) Probable new IP.
GRS 1009-45 (Nova Vel 1993)	*Goldoni, P. et al.* (16 authors) 1998, A&A 329, 186. (1x) BH candidate.
RX J1015.5+0904	*Burwitz, V. et al.* (10 authors) 1998, A&A 331, 262. (abdx, 2ceg, 3bcd) Polar counterpart.
1RXP J113123+4322.5	*Wei, J. et al.* (5 authors) 1997, Acta Ap. Sinica 17, 107. (3b) A new CV.
RX J1141.3-6410	*Cieslinski, D., Steiner, J.E.* 1997, MNRAS 291, 321. (1a, 2c)
RE J1255+266	*Drake, J.J. et al.* (4 authors) 1998, ApJ 493, 926. (1x) EUVE observations of WD + M dwarf binary.
1SAX J1257.3+5924 (GRB 971227)	1997, IAU Circ. 6796. (3b, 1g) Detection. 1997, IAU Circ. 6797. (3c, 1x) Afterglow. 1997, IAU Circ. 6798. (1g) Burst. 1997, IAU Circ. 6800. (3c, 1a) Counterpart. 1998, IAU Circ. 6803. (1a) Burst. 1998, IAU Circ. 6806. (1a) No afterglow: galaxy? 1998, IAU Circ. 6807. (7b)
PSR B1259-63	*Prokhorov, M.E., Postnov, K.A.* 1997, Pis. AZh 23, 503. (5)
X 1354-644 (GS 1354-64, BW Cir)	1997, IAU Circ. 6772. (1x) Modest outburst in BH candidate binary. 1997, IAU Circ. 6774. (1x) Outburst. 1997, IAU Circ. 6775. (1a) 1997, IAU Circ. 6779. (1r) Possible radio counterpart. 1997, IAU Circ. 6790. (1x) X-ray spectrum. 1998, IAU Circ. 6815. (1b) Strong emission lines from probable BH.
PG 1510+234 (NY Ser)	*Nogami, D. et al.* (4 authors) 1998, PASJ 50, L1. (1a) In-the-gap SU UMa-type dwarf nova.
PSR 1518+4904	*Fryer, C., Kalogera, V.* 1997, ApJ 489, 244. (5)
PSR 1534+12	*Fryer, C., Kalogera, V.* 1997, ApJ 489, 244. (5)
4U 1608-52 (QX Nor)	1998, IAU Circ. 6819. (1x) Outburst. 1998, IAU Circ. 6824. (1a) Optical flare. *Meńdez, M. et al.* (8 authors) 1998, ApJ 494, L65. (1x) Discovery of second KHz QPO's peak. *Yu, W. et al.* (11 authors) 1997, ApJ 490, L153. (1ax) QPOs.
RX J1608.6-3922	*Wichmann, R. et al.* (4 authors) 1998, A&A 330, 521. (1a, 3b) New EB in Lupus.
4U 1626-67 (KZ TrA)	*Chakrabarty, D.* 1998, ApJ 492, 342. (1ao) High speed X-ray pulsations corroborated by UBVRI photometry.
4U 1630-47	1998, IAU Circ. 6822. (1x) Detection of activity. 1998, IAU Circ. 6823. (1x) Very high state. 1998, IAU Circ. 6827. (1r, 3c) Radio counterpart. *Kuulkers, E. et al.* (5 authors) 1997, MNRAS 291, 81. (1ax) Complex outburst behaviour of BH candidate. *Tomsick, J.A., Lapshov, I., Kaaret, P.* 1998, ApJ 494, 747. (1x) Dip in X-ray LC may be due to absorption in the AD.

GRO J1655-40 (Nova Sco 1994)	*Soria, R. et al.* (4 authors) 1998, ApJ 495, L95. (1b, 2b) First RV curves for BH observed using emission disk lines; mass of BH ≥ 5.1 $M_\odot$ from pure kinematics. *van der Hooft, F. et al.* (4 authors) 1998, A&A 329, 538 (1a, 2eg, 3d) Quiescence LC.
4U 1700-377	*Koenig, M., Maisack, M.* 1997, A&A 327, L33. (1x) Temporal analysis of HMXB.
X1702-363 (GX 349+2, Sco X-2)	*Wachter, S.* 1997, ApJ 490, 401. (1aoi,2c) Confirmation of 22.5 hour period.
GRS 1716-249 (Nova Oph 1993)	*Revnivtsev, M. et al.* (16 authors) 1998, A&A 331, 557. (1gx, eg) Report on X-ray observations.
KS 1731-260	*Barret, D., Motch, C., Predehl, P.* 1998, A&A 329, 965. (1ix, 3cd) On the nature of X-ray burster.
4U 1735-52	*Wijnands, R. et al.* (8 authors) 1998, ApJ 495, L39. (1x) Discovery of KHz QPO's.
1E1740.7-2942	*Kuznetsov, S. et al.* (16 authors) 1997, MNRAS 292, 651. (1ax)
GRO J1750-27	*Scott, D.M. et al.* (7 authors) 1997, ApJ 488, 831. (1axc)
XTE J1755-324	1997, IAU Circ. 6746. (1x) Evidence of hard spectral component.
HS 1804+6753	*Fiedler, A., Barwig, H., Mantel, K.H.* 1997, A&A 327, 173. (1ab, 2abce, 3d) New eclipsing CV.
SGR 1806-20	*Castro-Tirado, A.J., Gorosabel, J., Hammersley, P.* 1998, A&A 330, 1067. (1ai, 2e) Infrared observations during active period.
SAX J1808.4-3658	*in't Zand, J.J.M. et al.* (7 authors) 1998, A&A 331, L25. (1x, 2e, 3b) Discovery of LMXB.
SAX J1810.8-2609	1998, IAU Circ. 6838. (1x, 3b)
AX J1820.5-1434	*Kinugasa, K. et al.* (13 authors) 1998, ApJ 495, 435. (3b) Faint X-ray pulsar, highly accretion obscured.
X1837+049 (Ser X-1)	*Wachter, S.* 1997, ApJ 490, 401. (1aoi,2c) Possible misidentification of optical counterpart.
GRO J1849-03	*Soffitta, J.A. et al.* (8 authors) 1998, ApJ 494, L203. (1x, 3b) GS 1843-02 identified with X1845-024, a binary X-ray pulsar.
RX J185635-3754	*Walter, F.M., Matthews, L.D.* 1997, Nature 389, 358. Optical counterpart of isolated NS.
XTE J1858+034	1998, IAU Circ. 6826. (3b, 1x) Probable HMXB. 1998, IAU Circ. 6828. (1x) Improved position.
RXJ 1914.4+2456	*Cropper, M. et al.* (6 authors) 1998, MNRAS 293, L57. (1ax, 2c, 3c) First double-degenerate IP?
GRS 1915+105	*Fender, R.P. et al.* (4 authors) 1997, MNRAS 290, L65. (1ai, 3d) Infrared synchrotron emission. *Paul, B. et al.* (7 authors) 1998, ApJ 492, L63. (1x) Evidence for matter accretion into event horizon. *Paul, B. et al.* (8 authors) 1998, A&AS 128, 145. (1x, 2g) Variability of X-ray transient.
4U 1915-05 (V1405 Aql)	1997, IAU Circ. 6793. (1x) High frequency QPOs.
RX J2022.6-3954	*Burwitz, V. et al.* (4 authors) 1997, A&A 327, 183. (1abox, 2ceg, 3bcd) Discovery of AM Her system.
EXO 2030+375	*Reig, P., Coe, M.J.* 1998, MNRAS 294, 118. (1ax, 2c) Timing analysis.

RX J2115.7-5840	*Schwope, A.D. et al.* (6 authors) 1997, A&A 326, 195. (1abdox, 2ceg) Short period polar.
PSR 2127+11C	*Fryer, C., Kalogera, V.* 1997, ApJ 489, 244. (5)
PG 2131+066	*Paunzen, E., Koenig, M., Dreizler, S.* 1998, A&A 331, 162. (1b, 2c) On the binary nature of pre-WD.
PSR 2303+46	*Fryer, C., Kalogera, V.* 1997, ApJ 489, 244. (5)
PG 2337+300	*Koen, C., Orosz, J.* 1997, IBVS 4539. (1ab, 3b) New CV.

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CV in Aur	1997, IAU Circ. 6758. (3b, 1b)
B7	*Kaluźny, J. et al.* (4 authors) 1997, ApJ 491, 153. (1abo, 3b)
B8	*Kaluźny, J. et al.* (4 authors) 1997, ApJ 491, 153. (1abo, 3b)
CD-43°14304	*Schmid, H.M. et al.* (6 authors) 1998, A&A 329, 986. (1b, 2ace) RVs of symbiotic star.
CV in Cet	1997, IAU Circ. 6763. (3b, 1a, 1b)
Geminga (PSR J0633+1746)	*Malofeev, V.M., Malov, O.I.* 1997, Nature 389, 697. Detection as radio pulsar.
GRB of 8 May 1997	*Frail, D.A. et al.* (5 authors) 1997, Nature 389, 261. Radio afterglow.
GRB 970828	1997, IAU Circ. 6756. (1a) No detection of afterglow. 1997, IAU Circ. 6757. (1x)
GRB 971208	1997, IAU Circ. 6785. (1g) Detection. 1997, IAU Circ. 6786. (7b)
GRB 971214	1997, IAU Circ. 6787. (3b, 1g) New GR burster. 1997, IAU Circ. 6788. (3c) Counterpart. 1997, IAU Circ. 6789. (1g) Burst. 1997, IAU Circ. 6791. (1a, 7b) Fading. 1997, IAU Circ. 6792. (1x) Afterglow. 1997, IAU Circ. 6793. (1a) 1997, IAU Circ. 6794. (5) Predicted fluxes. 1997, IAU Circ. 6795. (1u) No counterpart. 1997, IAU Circ. 6796. (1a)
GRB 971227 (1SAX J1257.3+5924)	1997, IAU Circ. 6796. (3b, 1g) Detection. 1997, IAU Circ. 6797. (3c, 1x) Afterglow. 1997, IAU Circ. 6798. (1g) Burst. 1997, IAU Circ. 6800. (3c, 1a) Counterpart. 1998, IAU Circ. 6803. (1a) Burst. 1998, IAU Circ. 6806. (1a) No afterglow: galaxy? 1998, IAU Circ. 6807. (7b)
GRB 980109	1998, IAU Circ. 6805. (3b, 1g) Detection. 1997, IAU Circ. 6808. (1a) No counterpart.
GSC 1062-33	*Bernhard, K., Quester, W., Bastian, U.* 1997, IBVS 4540. (1af, 3b)
GX 17+2	*Wijnands, R. et al.* (10 authors) 1997, ApJ 490, L157. (1ax) QPOs.
GX 301-2	*Borkus, V.V. et al.* (8 authors) 1998, Pis. AZh 24, 83. (1x, 2c, 5)
GX 339-4	*Rubin, B.C. et al.* (6 authors) 1998, ApJ 492, L67. (1x) Modeling decline in X-ray flux with a sequence of exponentials.

GX 349+2 (Sco X-2, X1702-363)	*Wachter, S.* 1997, ApJ 490, 401. (1aoi,2c) Confirmation of 22.5 hour period.
LSI +61°303	*Leahy, D.A., Harrison, F.A., Waltman, E.* 1998, J. R. Astron. Soc. Can. 92, 30. (1rx, 2eg, 7a)
	Peracaula, M., Gabuzda, D.C., Taylor, A.R. 1998, A&A 330, 612. (1r, 2e) Flare in X-ray binary.
	Peracaula, M., Marti, J., Paredes, J.M. 1997, A&A 328, 283. (1dr, 2e) VLA monitoring of X-ray binary.
MWC 560 (V694 Mon)	*Chentsov, E.L. et al.* (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 18. (1bc)
	Mikolajewski, M. et al. (4 authors) 1997, IBVS 4519. (1ab) Drop in brightness of symbiotic-like star.
	Panferov, A.A. et al. (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 37. (2e)
NGC 288 (V10)	*Kaluźny, J., Krzeminski, W., Nalezyty, M.* 1997, A&AS 125, 337. (1a, 2c, 3b) Contact binary in globular cluster.
NGC 2346 (V651 Mon)	*Smalley, B.* 1997, Observatory 117, 338 (1c, 2e)
NGC 7245 (469)	*Viskum, M. et al.* (4 authors) 1997, A&A 328, 158. (1a, 3bd) New EB in open cluster.
NSV 03199	*Garcia-Melendo, E., Henden, A.A.* 1998, IBVS 4546. (1af, 2c, 3d)
NSV 03999	*Vidal-Sainz, J.* 1997, IBVS 4526. (1af, 2c)
SS 433	*Fabrika, S.N. et al.* (3 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 75. (2ae)
	Fabrika, S.N. et al. (4 authors) 1997, Bull. Spec. Astrophys. Obs. 43, 95. (2g)
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	Fukue, J., Obana, Y., Okugami, M. 1998, PASJ 50, 81. (5) Precessional LCs.
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	Maloney, P.R., Begelman, M.C. 1997, ApJ 491, L43. (2g, 5)
	Stirling, A.M., Spencer, R.E., Watson, S.K. 1997, Vistas 41, 197. (1r, 2g)

Extragalactic variables, SN, X-ray sources

1E 0035.4-7230 (in SMC)	*Crampton, D. et al.* (4 authors) 1997, ApJ 489, 903 (1abo)
CAL 83 (in LMC)	*Kahabka, P.* 1998, A&A 331, 328, (1x, 2eg) Modeling of X-ray variations.
HD 5980 (in SMC)	*Sterken, C., Breysacher, J.* 1997, A&A 328, 269. (1a, 2c) Photometric campaign of WR EB.
Cepheid binary in LMC	1998, IAU Circ. 6802. (3b, 1a) Detection.
Nova in LMC 1997	1997, IAU Circ. 6756. (3b) Discovery by MACHO collaboration.
	1997, IAU Circ. 6758. (1p) No evidence of Nova.
	1998, IAU Circ. 6808. (1a) Detection confirmed.

LMC X-4	*Vrtilek, S.D. et al.* (5 authors) 1997, ApJ 490, 377. (1bux, 2g) Simultaneous X-ray and UV observations.
Nova in NGC 205	1997, IAU Circ. 6777. (3b, 1a, 1b) Detection.
	Sharov, A.S., Alksnis, A. 1998, IBVS 4553. (1a)
SMC X-3	1997, IAU Circ. 6777. (1x) Discovery of periodicity.
(RXTE J0053-724,	1997, IAU Circ. 6788. (1x) Revised position.
1WGA J0053.8-7226)	1997, IAU Circ. 6789. (3c) Be star as counterpart.
	1997, IAU Circ. 6803. (1x) New period.

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No. 66, June 1998

Editor-in-Chief: Horst Drechsel

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