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SUPERNOVA 2005cv IN UGC 1359

Further to *IAUC* 8557, D. R. Madison and W. Li report the LOSS discovery of an apparent supernova (mag 17.6) on unfiltered KAIT images taken on July 10.49 and 11.47 UT. SN 2005cv is located at $\alpha = 1^h53^m42^s.56$, $\delta = +29°56'04''.3$ (equinox 2000.0), which is $4''.1$ east and $4''.6$ north of the nucleus of UGC 1359. A KAIT image taken on Jan. 21.19 showed nothing at this position (limiting mag $\sim$ 19.5).

1994 XD

Further to *IAUC* 8329, L. A. M. Benner, M. C. Nolan, S. J. Ostro, J. D. Giorgini, J. L. Margot (now at Cornell University), and C. Magri report that Arecibo delay-Doppler images (2380 MHz, 12.6 cm), obtained on June 24–25, reveal that 1994 XD is a binary system. Preliminary estimates, based on range extents at 150-m resolution, give the primary's diameter as $\sim$ 600 m and a lower bound on the secondary's diameter as 150 m (apparent separation $\sim$ 600 m on June 24, with uncertainty as much as 300 m).

COMETS C/2005 K9, 2005 K10, 2005 L5, 2005 L6 (SOHO)

Following are the initial available positions for additional presumed comets found on SOHO website images (continuation to *IAUC* 8551). All were Kreutz sungrazers except for C/2005 K9 (Meyer group). K. Battams writes that C/2005 K9 appeared stellar, reaching mag $\sim$ 7.9 at $6.0R_\odot$ on May 28.189 UT. C/2005 K10 was very diffuse and had a very faint tail that was $150''$ long at $6.6R_\odot$ on May 30.481. C/2005 L5 and C/2005 L6 were both faint and diffuse with no tail (C/2005 L5 also decribed as small). C/2005 L6 was found independently by S. Hönig.

Comet	2005 UT		α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 K9	May	28.022	$4^h21^m.8$	$+22°10'$	C2	RK	2005-N60
C/2005 K10		30.439	4 30.0	+20 06	C2	KB	2005-N60
C/2005 L5	June	1.481	4 38.0	+20 21	C2	HS	2005-N60
C/2005 L6		5.772	4 54.1	+20 53	C2	TH	2005-N60

COMET P/2005 N2 (HERGENROTHER)

E. J. Christensen reports that CCD images taken with the 0.5-m Uppsala Schmidt telescope on July 5.57–5.69 UT show a moderately diffuse asymmetric coma (long axis $10''$, short axis $6''$), elongated toward p.a. 260°.

2005 July 11 *Daniel W. E. Green*