Circular No. 8565

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SUPERNOVA 2005cs IN M51

W. Li and A. V. Filippenko, University of California, Berkeley; and S. D. Van Dyk, Spitzer Science Center, California Institute of Technology, report: "New images from the Advanced Camera for Surveys (ACS) onboard the Hubble Space Telescope, obtained as part of GO-10182 (PI: Filippenko) on July 11.50 UT, confirm our previous identification (*IAUC* 8556) of the progenitor of the type-II SN 2005cs. When the new HRC/F250W images are geometrically transformed to the pre-supernova WFC/F814W images, the SN 2005cs position is consistent with our identified progenitor to within 0.1 ACS pixel ($0''.005$)."

SUPERNOVA 2005cu IN NGC 6754

D. C. Leonard, California Institute of Technology, reports that CCD spectra (range 330–900 nm) of SN 2005cu (*IAUC* 8562), obtained on July 12 UT with the Keck I 10-m telescope (+ LRISp), shows it to be a young type-II supernova. The spectrum consists of a blue continuum and P-Cyg profiles of the Balmer and He lines. Adopting the NED recession velocity of 3257 km/s for the host galaxy (from Mathewson *et al.* 1992, *Ap.J. Suppl.* **81**, 413), the expansion velocity derived from the minimum of the Hβ line is $\sim$ 9000 km/s. Zero-velocity interstellar Na I D absorption with an equivalent width of ~ 0.07 nm is detected in the spectrum of SN 2005cu, indicating gas along the line-of-sight in our galaxy and thus suggesting some reddening by dust. Schlegel *et al.* (1998, *Ap.J.* **500**, 525) estimate $E(B-V) = 0.07$ mag of Galactic reddening along the line-of-sight to NGC 6754. Interstellar Na I D absorption is detected also at the redshift of the host galaxy, with an equivalent width of ~ 0.13 nm, suggesting some host-galaxy extinction.

COMETS C/2001 Q9 AND C/2001 S3 (SOHO)

Additional Kreutz sungrazing comets found on SOHO website images (cf. *IAUC* 8563), both objects appearing stellar:

Comet	2001	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2001 Q9	Aug.	16.221	$9^h24^m.3$	$+12^\circ32'$	C3	RK	2005-N60
C/2001 S3	Sept.	28.763	12 03.3	− 2 57	C3	RK	2005-N60

X-RAY FLASH IN M51

Corrigendum. On *IAUC* 8564, line 20, *for* 4800 s *read* 48000 s

2005 July 12 *Daniel W. E. Green*