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SUPERNOVAE 2005ej, 2005ek, 2005el, 2005em

Four new apparent supernovae have been discovered on unfiltered CCD images: 2005ej by T. Boles (Coddenham, England, 0.35-m reflector), and the rest by LOSS/KAIT (via H. Khandrika, D. R. Madison, M. Baek, K. Shimasaki, and W. Li; cf. *IAUC* 8602).

SN	2005 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2005ej	Sept. 23.89	$18^{h}53^{m}38^{s}.48$	$+66^{\circ}13'59''.3$	17.4	$12''.1$ E, $3''.4$ N
2005ek	Sept. 24.53	3 05 48.96	+36 46 10.6	17.5	$66''.5$ E, $60''$ S
2005el	Sept. 19.48	5 11 48.72	+ 5 11 39.4	18.7	$39''$ E, $22''.6$ S
2005em	Sept. 27.44	3 13 47.71	− 0 14 37.0	18.1	$38''$ E, $7''.9$ S

Approximate magnitudes from the respective observers: SN 2005ej, 1991 Aug. 31, [21.0 (Digitized Sky Survey, red); 1992 June 29, [20.5 (DSS, blue); 2005 May 17, [19.5; July 17, [19.5; Sept. 24.812, 17.4. SN 2005ek in UGC 2526, Sept. 18.51, [19; 25.37, 17.3. SN 2005el in NGC 1819, Sept. 14.50, [19; 25.47, 16.0. SN 2005em in IC 307, Sept. 2.43, [19.5; 28.38, 18.0.

COMET C/2005 S1 (SOHO)

Further to *IAUC* 8592, K. Battams reports a fairly bright Kreutz sungrazing comet (with T = 2005 Sept. 29.3 TT) on SOHO images (first available position given below); the comet was at mag $\sim$ 4.2 with a tail $\sim 9'.3$ long on Sept. 28.545 UT at $\sim 17.7 R_{\odot}$.

Comet	2005 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 S1	Sept. 27.721	$11^{h}44^{m}.8$	$-\ 3^{\circ}39'$	C3	HS	2005-S70

CATALOGUE OF COMETARY ORBITS 2005

A new edition of the *Catalogue of Cometary Orbits*, with entries complete through August, is now available. The 207-page *Catalogue* sells for $40.00 ($60.00 for airmail delivery outside North America). There is also an e-mail edition (with just the basic orbital information) for $75.00. Orders should be sent to Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A., by FAX to +1-617-495-7231 or by e-mail to `mlohmiller@cfa.harvard.edu`. Payment can be by credit card or by check made payable to Smithsonian Astrophysical Observatory.

2005 September 28 *Daniel W. E. Green*