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SUPERNOVAE 2005ex–2005gj AND 2005go–2005gy

CBETs 247 and 254 contains discovery information (astrometry, photometry, redshifts, spectroscopic classifications) for 50 new supernovae discovered in September and early October in the course of the Sloan Digital Sky Survey II and communicated by J. Frieman (Fermilab and University of Chicago). All the objects are now apparently fainter than red mag 19 except 2005gj, a probable type-IIn supernova that may currently be near mag 18. SN 2005fk is a type-Ib/c hypernova, SN 2005gi is a type-II supernova, and the rest apparently are of type Ia.

SUPERNOVAE 2005gm, 2005gn, 2005gz, 2005ha, 2005hb

Five apparent supernovae have been discovered on unfiltered CCD frames: 2005gm by P. Luckas, O. Trondal, and M. Schwartz (cf. *IAUC* 8575) with the 0.35-m telescope at Perth, and the rest by R. R. Prasad, K. Shimasaki, E. Lee, and W. Li (LOSS/KAIT; cf. *IAUC* 8611).

SN	2005 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2005gm	Oct. 9.86	$3^h42^m39^s.30$	$-6°23'04''.0$	18.0	12''.5 W, 8''.9 S
2005gn	Oct. 12.52	5 48 49.07	–24 22 45.5	18.4	7''.8 E, 0''.6 S
2005gz	Oct. 11.18	21 05 20.69	– 7 50 47.5	18.3	2''.9 S
2005ha	Oct. 13.52	6 21 49.04	+ 0 21 55.6	18.3	21''.2 W, 2''.2 S
2005hb	Oct. 13.53	6 45 31.64	+25 49 58.0	19.5	18''.8 E, 7''.6 N

Approximate unfiltered magnitudes from the respective groups: SN 2005gm in NGC 1423, 2004 Oct. 16.31 UT, [19.0 (Schwartz, 0.81-m telescope at Patagonia, AZ); 2005 Oct. 12.38, 18.0. SN 2005gn in ESO 488-G30, 2004 Mar. 10.15, [19.0; 2005 Sept. 12.55, [18.0; Oct. 13.53, 18.0. SN 2005gz in MCG –01-53-22, Sept. 23.19, [20.0; Oct. 2.20, [17.5; 14.18, 18.0. SN 2005ha in UGC 3457, Oct. 3.51, [19.0, 14.50, 18.0. SN 2005hb in UGC 3531, 2004 Mar. 12.28, [20.0; 2005 Sept. 28.53, [19.5; Oct. 3.54, [18.8; 14.50, 19.2.

COMET C/2005 Q6 (SOHO)

Further to *IAUC* 8615, K. Battams reports measurements for a very faint comet (with a slightly irregular shape) that does not belong to any known group, found on SOHO website images.

Comet	2005 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 Q6	Aug. 19.121	$9^h45^m.4$	$+11°43'$	C2	HS	2005-T55

2005 October 14 *Daniel W. E. Green*