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SUPERNOVAE 2006cb, 2006cc, 2006cd, 2006ce

Four supernovae have been found in unfiltered images: 2006cb, 2006cc, and 2006cd by LOSS on KAIT images by N. J. Ponticello, H. Khandrika, D. R. Madison, and W. Li (cf. *IAUC* 8707); 2006cd independently by J. Newton, T. Crowley, and T. Puckett with a 0.40-m reflector at Portal, AZ, in the course of the Puckett Observatory Supernova Search (the tabulated data below for 2006cd is that from Puckett); and 2006ce by L. A. G. Monard, Pretoria, South Africa (0.30-m reflector; cf. *IAUC* 8699).

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2006cb	May 5.43	$14^h16^m31^s.80$	$+39^\circ35'15''.9$	17.5	$0''.6$ E, $5''.7$ S
2006cc	May 6.45	16 09 56.47	+43 07 35.9	18.3	$11''.1$ E, $9''.4$ S
2006cd	May 8.27	16 05 22.06	+17 45 05.5	18.3	$5''.6$ W, $11''.4$ S
2006ce	May 10.14	2 22 54.63	–21 14 29.4	12.4	$136''$ W, $28''$ S

Additional magnitudes for 2006cb in NGC 5541: Feb. 23.48 UT, [19.5; Apr. 19.39, 18.6. Additional magnitudes for 2006cc in UGC 10244: Feb. 13.48, [19.5; Apr. 26.45, [18.5; May 7.43, 18.1. SN 2006cc is a type-Ia supernova, near maximum on May 8 (cf. *CBET* 506). Additional magnitudes for 2006cd in IC 1179: 2005 Sept. 9, [19.7 (Puckett); 2006 Feb. 23.45, [19.5 (KAIT); May 8.44, 18.2 (KAIT); May 9.23, 18.2 (A. Sehgal, 0.50-m reflector, Osoyoos, BC); 9.45, 18.1 (KAIT). Li gives the offset for 2006cd as $3''.0$ west and $11''.2$ south of the center of IC 1179, the southwest component of Arp 272 (the northeast component being NGC 6050). Additional magnitudes for 2006ce in NGC 908: Apr. 1.713, $R > 16.5$ (not detected); May 11.151, $B = 12.9$, $V = 12.55$, $R = 12.4$. Also, nothing is visible at the location of 2006ce on the Digitized Sky Survey (limiting red mag 20.5) or on Monard's images taken prior to Apr. 1 (limiting mag ~ 18).

COMET 73P/SCHWASSMANN-WACHMANN

As comet 73P has neared the earth, increasingly large numbers of fragments (some apparently very short-lived) have been observed. The Minor Planet Center has continued to assign letter designations to those components observed on three or more nights with precise astrometry: 'AQ' and 'AR' announced on *MPEC* 2006-H37, 'AS' and 'AT' on *MPEC* 2006-H48, 'AU'–'BM' on *MPEC* 2006-H61, and 'BN'–'BP' on *MPEC* 2006-J31.

Visual total-magnitude estimates of component 'B' by J. J. Gonzalez, Leon, Spain: Apr. 28.91 UT, 7.6 (25×100 binoculars); May 1.02, 7.0 (7×50 binoculars); 5.12, 6.8 ($0^\circ.6$ tail in p.a. 235°); 11.14, 5.2 (naked eye).

2006 May 11 *Daniel W. E. Green*