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INTERNATIONAL ASTRONOMICAL UNION**

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SUPERNOVAE 2006du, 2006dv, 2006dw

Three additional apparent supernovae have been discovered on unfiltered CCD images: 2006du by P. Luckas, O. Trondal, and M. Schwartz (0.35-m telescope, Perth; cf. *IAUC* 8713), 2006dv by T. Puckett and M. Peoples (0.50-m reflector, Ellijay, GA; cf. *IAUC* 8716), and 2006dt by N. Lee and W. Li (via LOSS/KAIT; cf. *IAUC* 8732).

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	Offset
2006du	July 18.9	0 ^h 05 ^m 12. ^s 26	-11°29'23.6"	17.0	13''2 W, 45''6 N
2006dv	July 20.32	23 15 53.06	+ 5 07 50.2	17.7	1''3 W, 6''9 N
2006dw	July 23.25	16 17 43.29	+34 57 55.1	15.8	3''5 W, 1''7 N

Additional magnitudes for 2006du in IC 1529: 1983 Oct. 1, [21.0 (Digitized Sky Survey); 2006 June 10.8 UT, [18.0 (Luckas); July 22.9, 16.7 (Luckas). Additional magnitudes for 2006dv in UGC 12461: 2005 Aug. 9, [19.4; 2006 July 24.31, 17.5. Additional magnitudes for 2006dw: July 12.24, [19.5; 16.26, 18.3. The nucleus of the apparent host galaxy of 2006dw is located 37'' east and 142'' south of the center of NGC 6109.

COMET C/2006 M4 (SWAN)

Twenty-six co-added 15-s CCD images taken by N. Teamo and S. F. Hönig (0.35-m reflector, Punaauia, Tahiti) on July 17.2 UT show an 8'' nuclear condensation surrounded by a fainter 45'' coma (total mag 12.7) and a 2:1 tail in p.a. 160°. Three combined 30-s exposures by A. C. Gilmore (1.0-m reflector, Mt. John) on July 17.3 show a 2:4 tail in p.a. 165° and a well-condensed coma $\sim 40''$ in diameter.

Improved parabolic orbital elements to those published on *IAUC* 8729, taken from *MPEC* 2006-O17:

$$\left. \begin{array}{ll} T = 2006 \text{ Sept. } 28.613 \text{ TT} & \omega = 62.851 \\ & \Omega = 148.746 \\ q = 0.77860 \text{ AU} & i = 111.822 \end{array} \right\} 2000.0$$

COMET 177P/BARNARD

Visual total-magnitude estimates: July 7.07 UT, 13.2 (J. J. Gonzalez, Leon, Spain, 0.20-m reflector); 16.42, 10.3 (D. A. J. Seargent, The Entrance, N.S.W., 25×100 binoculars); 19.91, 9.8 (M. Meyer, Frauenstein, Germany, 20×100 binoc.); 20.89, 9.1 (Meyer); 22.99, 8.5 (Gonzalez, 7×50 binoc.).