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INTERNATIONAL ASTRONOMICAL UNION**

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*SUPERNOVAE 2005bm AND 2005bn*

M. SubbaRao, Department of Astronomy and Astrophysics, University of Chicago, on behalf of the SDSS Collaboration, reports the discovery of two supernovae in spectra taken as described on *IAUC* 8302 and 8359. SN 2005bm was detected on Apr. 3.48 UT and is located at  $\alpha = 15^{\text{h}}20^{\text{m}}45^{\text{s}}.10$ ,  $\delta = +36^{\circ}48'42''.5$  (equinox 2000.0), which is coincident with the center of the host galaxy whose redshift is  $z = 0.103$ ; the supernova is not present in an SDSS image of the galaxy taken on 2003 May 1 (limiting magnitudes  $g = 23.3$  and  $r = 23.1$ ). SN 2005bm appears to be a type-Ia supernova with an approximate age of  $4 \pm 5$  days after maximum light, and its estimated magnitude is  $r = 19.5 \pm 0.2$  (the host galaxy has apparent mag  $r = 17.0$  from an image taken prior to the supernova event). SN 2005bn was detected on Apr. 7.36 at  $\alpha = 12^{\text{h}}03^{\text{m}}23^{\text{s}}.91$ ,  $\delta = +35^{\circ}19'33''.0$  (also coincident with the center of the host galaxy, which itself has  $r = 17.9$  and  $z = 0.028$ ). SN 2005bn is not present in an SDSS image of the galaxy taken on 2004 Apr. 13 (same limiting magnitudes as above). The spectrum shows SN 2005bn to be a type-II supernova with an approximate age of  $19 \pm 5$  days after maximum light, and its estimated apparent mag was then also  $r = 19.5$ . All supernovae detected as part of this program can be found at the website <http://cheops1.uchicago.edu/pub/>, which provides access to the spectra and finding charts.

*SUPERNOVAE 2005bh AND 2005bj*

N. Morrell, M. Hamuy, G. Folatelli, and C. Contreras, Carnegie Supernova Project, report that spectroscopic observations (range 380–930 nm) of SN 2005bh (cf. *IAUC* 8509) and SN 2005bj (cf. *IAUC* 8511) were obtained on Apr. 12.14 and 12.35 UT, respectively, with the Las Campanas 2.5-m du Pont telescope (+ WFCDD spectrograph). The spectrum of SN 2005bh is that of a type-Ic supernova and strongly resembles that of SN 1987M at 10 days after maximum light. SN 2005bj is probably also a type-Ic object, quite similar to SN 1994I at 10–12 days after maximum, except for the Si II 635.5-nm line, which is much stronger in the new event.

*SUPERNOVAE 2004dj AND 2004et*

Magnitudes obtained by G. Szabó, University of Szeged, on Feb. 28 at Konkoly Observatory: SN 2004dj,  $B = 16.51$ ,  $V = 15.71$ ,  $R_c = 14.73$ ,  $I_c = 14.30$ . SN 2004et,  $B = 17.55$ ,  $V = 15.97$ ,  $R_c = 14.87$ ,  $I_c = 14.37$ .