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SUPERNOVA 2005bh IN UGC 6495

Further to *IAUC* 8506, T. Puckett and L. Cox report the discovery of an apparent supernova (mag 17.3) on an unfiltered CCD frame taken with the 0.60-m automated supernova patrol telescope on Apr. 10.10 UT. The new object was confirmed (also at mag 17.3) on CCD frames taken by M. BenDaniel, Observatorio del Teide, Canary Islands, with the 'SLOOH' 0.35-m reflector on Apr. 10.91. SN 2005bh is located at $\alpha = 11^{h}29^{m}44^{s}.00$, $\delta = +22°07'39''.1$ (equinox 2000.0), which is $16''.7$ west and $3''.7$ north of the center of UGC 6495. Nothing is present at this location on images taken by Puckett on 2002 Feb. 13 and 2003 Mar. 15 (limiting mag $\sim$ 20.0).

SUPERNOVAE 2005bb AND 2005bf

N. Morrell, M. Hamuy, G. Folatelli, and C. Contreras, Carnegie Supernova Project, report that spectroscopic observations (range 380–930 nm) of SN 2005bf (cf. *IAUC* 8507) and SN 2005bb (cf. *IAUC* 8504) were obtained on Apr. 7.08 and 7.23 UT, respectively, with the Las Campanas 2.5-m du Pont telescope (+ WFCCD spectrograph). SN 2005bf is a type-Ic supernova a few days before maximum light, with very strong Si II 635.5-nm and a weak He I 587.6-nm P Cyg line, among other features. SN 2005bb is of type II, highly reddened, with strong P-Cyg profiles in Hα and Ca II 857.9-nm, and weak He I 587.6-nm. The expansion velocity, derived from the minimum of the Hα absorption, is 6000 km/s, assuming for the host galaxy the recession velocity given in the NED database.

M. Modjaz, R. Kirshner, and P. Challis, Harvard-Smithsonian Center for Astrophysics; and T. Matheson, National Optical Astronomy Observatory, report that a spectrum (range 340–730 nm) of SN 2005bf, obtained on Apr. 9.23 UT by H. Landt with the F. L. Whipple Observatory 1.5-m telescope (+ FAST), shows it to be a young type-Ic supernova with a blue continuum and relatively shallow absorption lines. The spectrum is similar to early spectra of SN 1987M (Filippenko *et al.* 1990, *A.J.* **100**, 1575).

V378 SERPENTIS

Visual magnitude estimates: Apr. 4.148 UT, 11.7 (P. Schmeer, Bischmisheim, Germany); 5.741, 11.6 (S. Yoshida, Ibaraki, Japan).

2005 April 10 *Daniel W. E. Green*